# NASA Technical Memorandum 104230

# NASA Thesaurus Aeronautics Vocabulary



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#### INTRODUCTION

The NASA Thesaurus Aeronautics Vocabulary consists of terms used by NASA indexers as descriptors for aeronautics related documents. The terms are presented in a hierarchical format derived from the 1988 edition of the NASA Thesaurus Volume 1—Hierarchical Listing and its supplements. Main (postable) terms and nonpostable cross references are listed in alphabetical order.

#### **READING THE HIERARCHY**

Each main term is followed by a display of its context within a hierarchy. USE references, UF (used for) references, and SN (scope notes) appear immediately below the main term, followed by GS (generic structure), the hierarchical display of term relationships. The hierarchy is headed by the broadest term within that hierarchy. Terms that are broader in meaning than the main term are listed above the main term; terms narrower in meaning are listed below the main term. The term itself is in **boldface** for easy identification. Finally, a list of related terms (RT) from other hierarchies is provided.

Within a hierarchy, the number of dots to the left of a term indicates its hierarchical level—the more dots, the lower the level (i.e., the narrower the meaning of the term). For example, the term "CAMBERED WINGS" which is preceded by two dots is narrower in meaning than "WINGS"; this in turn is narrower than "AIRFOILS". This relationship can be seen in the hierarchy of any of these three terms.

While all broader, narrower, and related terms in a hierarchy are main entries from the NASA Thesaurus, some hierarchy terms do not appear as main entries in the NASA Thesaurus Aeronautics Vocabulary. The reason is that a term may appear as part of a hierarchy or related term list but is not itself an appropriate main entry in the minithesaurus. For example, the display for "LAUNCHING" in the Aeronautics Vocabulary shows "ORBITAL LAUNCHING" as a narrower term, but there is no main entry for "ORBITAL LAUNCHING" which is not within the scope of aeronautics.

Other features include array terms identified by an infinity symbol which organize related concepts under very general headings; scope notes (SN), which restrict the use of a term to a certain context; and used for (UF) terms, which are nonpostable variations of the terms that have been cross referenced to the postable main term.

#### NASA MINITHESAURI

The NASA Thesaurus Aeronautics Vocabulary is the second minithesaurus produced from the NASA Thesaurus. The first minithesaurus, the NASA Thesaurus Astronomy Vocabulary, was produced in 1988 as NASA SP-7069 and contained 1600 terms.

Since this is the first edition of the *NASA Thesaurus Aeronautics Vocabulary*, it is especially important that any suggestions for term modification, deletion and addition be addressed to: Lexicographer, NASA Scientific and Technical Information Facility, P.O. Box 8757, BWI Airport, MD 21240.



#### TYPICAL HIERARCHICAL LISTING ENTRY

HYDROAEROMECHANICS **FLUID MECHANICS** . FLUID DYNAMICS .. GAS DYNAMICS ... AERODYNAMICS .... AEROTHERMODYNAMICS .... HYPERSONICS .... ROTOR AERODYNAMICS .... SUPERSONICS ... UNSTEADY AERODYNAMICS **AEROACOUSTICS** RELATED TERMS ----**AERODYNAMIC HEATING** AERODYNAMIC INTERFERENCE **AEROELASTICITY AERONAUTICAL ENGINEERING** → ∞AERONAUTICS ARRAY TERM (∞) ----**∞AEROSPACE SCIENCES ∞AIRCRAFT AIRFOILS BLUNT BODIES** BODIES OF REVOLUTION **BOUNDARY LAYER CONTROL** COMPRESSIBLE FLOW **CONTROL SURFACES** DRAG **∞DYNAMICS** ∞FLIGHT FLIGHT CHARACTERISTICS **FLIGHT MECHANICS** ∞FLOW FLOW THEORY (etc.)

### TYPICAL USE CROSS REFERENCE ENTRY

NONPOSTABLE TERM HYDROAEROMECHANICS
POSTABLE TERM USE AERODYNAMICS

### TYPICAL ARRAY TERM ENTRY

ARRAY TERM (∞) → ∞AERONAUTICS SCOPE NOTE → SN (USE O (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW) AVIATION → UF USED FOR — UF
RELATED TERM → RT **AEROACOUSTICS AERODYNAMICS** AERONAUTICAL ENGINEERING AERONAUTICAL SATELLITES AEROSPACE ENGINEERING **∞AEROSPACE SCIENCES** AIR LAW **∞AIRCRAFT AIRPORTS AVIONICS** CIVIL AVIATION ∞ FLIGHT (etc.)

#### **NASA THESAURUS**

#### **AERONAUTICS VOCABULARY**

A	A-6 AIRCRAFT-(CONT.)	ABLATIVE NOSE CONES-(CONT.)
	. BOMBER AIRCRAFT	ABLATIVE NOSE CONES
4.4.41000457	A-6 AIRCRAFT	FOREBODIES
A-1 AIRCRAFT UF SKYRAIDER AIRCRAFT	GRUMMAN AIRCRAFT	. NOSES (FOREBODIES)
GS ATTACK AIRCRAFT	. <b>A-6 AIRCRAFT</b> Jet Aircraft	NOSE CONES ABLATIVE NOSE CONES
. A-1 AIRCRAFT	. A-6 AIRCRAFT	RT ABLATION
MCDONNELL DOUGLAS AIRCRAFT	MONOPLANES	HEAT SHIELDING
. DOUGLAS AIRCRAFT	. A-6 AIRCRAFT	REENTRY SHIELDING
A-1 AIRCRAFT	RT ∞AIRCRAFT	REENTRY VEHICLES
MONOPLANES		ROCKET NOSE CONES
. A-1 AIRCRAFT RT ∞AIRCRAFT	A-7 AIRCRAFT	SHIELDING
ni wainonari	UF CORSAIR AIRCRAFT	
A-2 AIRCRAFT	GS ATTACK AIRCRAFT	ABLESTAR LAUNCH VEHICLE
UF SAVAGE AIRCRAFT	. A-7 AIRCRAFT	GS LAUNCH VEHICLES . ABLESTAR LAUNCH VEHICLE
GS ATTACK AIRCRAFT	JET AIRCRAFT . TURBOFAN AIRCRAFT	ROCKET VEHICLES
. BOMBER AIRCRAFT	. A-7 AIRCRAFT	. MULTISTAGE ROCKET VEHICLES
A-2 AIRCRAFT	LING-TEMCO-VOUGHT AIRCRAFT	. ABLESTAR LAUNCH VEHICLE
JET AIRCRAFT	. A-7 AIRCRAFT	AT LIQUID PROPELLANT ROCKET ENGINES
. A-2 AIRCRAFT MONOPLANES	MONOPLANES	
. A-2 AIRCRAFT	. A-7 AIRCRAFT	ABORT APPARATUS
NORTH AMERICAN AIRCRAFT	RT ∞AIRCRAFT	GS SAFETY DEVICES
A-2 AIRCRAFT		. ABORT APPARATUS
OBSERVATION AIRCRAFT	A-9 AIRCRAFT	RT ABORTED MISSIONS AIRCRAFT SAFETY
A-2 AIRCRAFT	GS ATTACK AIRCRAFT . A-9 AIRCRAFT	ARRESTING GEAR
RT ∞AIRCRAFT	NORTHROP AIRCRAFT	®BARRIERS
	. A-9 AIRCRAFT	BRAKES (FOR ARRESTING MOTION)
A-3 AIRCRAFT UF A3D AIRCRAFT	RECONNAISSANCE AIRCRAFT	DRAG DEVICES
SKYWARRIOR AIRCRAFT	. A-9 AIRCRAFT	EJECTION SEATS
GS ATTACK AIRCRAFT	RT ∞AIRCRAFT	∞ EQUIPMENT
. BOMBER AIRCRAFT		ESCAPE DOCKETS
A-3 AIRCRAFT	ABLATION	ESCAPE ROCKETS FLYING EJECTION SEATS
JET AIRCRAFT	RT ABLATIVE MATERIALS	FERMING ESECTION SEATS
. A-3 AIRCRAFT	ABLATIVE NOSE CONES AERODYNAMIC HEAT TRANSFER	ABORT TRAJECTORIES
MCDONNELL DOUGLAS AIRCRAFT	AERODYNAMIC HEATING	GS TRAJECTORIES
. Douglas Aircraft <b>A-3 Aircraf</b> t	AEROTHERMOCHEMISTRY	ABORT TRAJECTORIES
MONOPLANES	ATMOSPHERIC ENTRY	RT ABORTED MISSIONS
. A-3 AIRCRAFT	BURNTHROUGH (FAILURE)	MATTS (SYSTEMS)
RT ∞AIRCRAFT	CHARRING	
	COOLING	ABORTED MISSIONS
A-4 AIRCRAFT	DECOMPOSITION EROSION	RT ABORT APPARATUS
UF A4D AIRCRAFT	GAS-METAL INTERACTIONS	ABORT TRAJECTORIES DESTRUCTION
SKYHAWK AIRCRAFT GS ATTACK AIRCRAFT	HEAT SHIELDING	ENGINE FAILURE
BOMBER AIRCRAFT	IMPINGEMENT	ESCAPE CAPSULES
A-4 AIRCRAFT	JET IMPINGEMENT	ESCAPE ROCKETS
JET AIRCRAFT	MASS TRANSFER	FAILURE
A-4 AIRCRAFT	MELTING PYROLYSIS	MALFUNCTIONS
MCDONNELL DOUGLAS AIRCRAFT	REENTRY	∞ MISSIONS
DOUGLAS AIRCRAFT	REENTRY EFFECTS	A DOCUMENT OF THE PARTY OF THE
A-4 AIRCRAFT Monoplanes	REENTRY PHYSICS	ABSORPTION COOLING GS COOLING
. A-4 AIRCRAFT	REENTRY SHIELDING	. ABSORPTION COOLING
RT ∞AIRCRAFT	SUBLIMATION	RT ∞ABSORPTION
J-65 ENGINE	TEMPERATURE EFFECTS THERMAL ABSORPTION	AMMONIA
	THERMAL DECOMPOSITION	MAGNETIC COOLING
A-5 AIRCRAFT	VAPORIZING	REFRIGERANTS
UF A3J AIRCRAFT	VIII - VI	
VIGILANTE AIRCRAFT GS ATTACK AIRCRAFT	ABLATIVE MATERIALS	AC-1 AIRCRAFT
. BOMBER AIRCRAFT	RT ABLATION	USE DHC 4 AIRCRAFT
. A-5 AIRCRAFT	COOLING	∞ ACCELERATION
JET AIRCRAFT	HEAT SHIELDING	SN (USE OF A MORE SPECIFIC TERM IS
. A-5 AIRCRAFT	HEAT SINKS	RECOMMENDED-CONSULT THE TERMS
MONOPLANES	∞ MATERIALS	LISTED BELOW)
. A-5 AIRCRAFT	NOSE CONES NOZZLE INSERTS	RT ACCELERATION (PHYSICS)
NORTH AMERICAN AIRCRAFT	PYROLYTIC MATERIALS	ACCELERATION PROTECTION
. <b>A-5 AIRCRAFT</b> SUPERSONIC AIRCRAFT	REFRACTORY MATERIALS	ACCELERATION STRESSES
. A-5 AIRCRAFT	TEMPERATURE	(PHYSIOLOGY)
RT ∞AIRCRAFT	THERMAL CONTROL COATINGS	∞ACCELERATORS ANGULAR ACCELERATION
	THERMAL PROTECTION	CATALYSIS
A-6 AIRCRAFT		ELECTROMAGNETIC ACCELERATION
UF A2F AIRCRAFT	ABLATIVE NOSE CONES	ELECTRON ACCELERATION
INTRUDER AIRCRAFT	GS CONES	GRAVIMETRY
GS ATTACK AIRCRAFT	. NOSE CONES	HIGH ACCELERATION

#### **ACCELERATION (PHYSICS)**

ACCELERATION-(CONT.)
HIGH GRAVITY ENVIRONMENTS HUMAN TOLERANCES IMPACT ACCELERATION PARTICLE ACCELERATION PHYSIOLOGICAL ACCELERATION PLASMA ACCELERATION TRANSVERSE ACCELERATION

**ACCELERATION (PHYSICS)** 

BOOST G FORCE GS RATES (PER TIME)

ACCELERATION (PHYSICS)
. ANGULAR ACCELERATION DECELERATION

SPIN REDUCTION
ELECTRON ACCELERATION
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS

IMPACT ACCELERATION
PARTICLE ACCELERATION
PLASMA ACCELERATION TRANSVERSE ACCELERATION

∞ ACCELERATION
ACCELERATION STRESSES (PHYSIOLOGY)
ACCELEROMETERS
BODY KINEMATICS EXPULSION FLIGHT STRESS (BIOLOGY) ∞ FORCE

KINEMATICS KINETICS MECHANICAL SHOCK

MOTION
PHYSIOLOGICAL ACCELERATION STRESS (PHYSIOLOGY) THRUST

THRUST-WEIGHT RATIO VELOCITY

ACCELEROMETERS
GS MEASURING INSTRUMENTS . ACCELEROMETERS . . STRAIN GAGE ACCELEROMETERS

ACCELERATION (PHYSICS) RT

GRAVIMETERS GRAVIMETRY GYROSCOPIC PENDULUMS MECHANICAL MEASUREMENT PENDULUMS

SEISMOGRAPHS SHOCK MEASURING INSTRUMENTS SPEED INDICATORS

THRUST MEASUREMENT VELOCITY MEASUREMENT VIBRATION METERS

ACOUSTIC COMBUSTION
USE COMBUSTION STABILITY

ACOUSTIC COUPLING GS COUPLING

ACOUSTIC COUPLING ACOUSTIC ATTENUATION ACOUSTIC EXCITATION ACOUSTICS

ENERGY TRANSFER WAVE INTERACTION

**ACOUSTIC LEVITATION** LEVITATION

ACOUSTIC LEVITATION RT BUOYANCY

SPACE PROCESSING

ACOUSTIC PROPAGATION

TRANSMISSION WAVE PROPAGATION

ACOUSTIC PROPAGATION ACOUSTIC MICROSCOPES ACOUSTICAL HOLOGRAPHY RT ACOUSTICS ELASTIC WAVES ∞ PROPAGATION

SOUND PROPAGATION
WHISPERING GALLERY MODES

ACOUSTIC SIMULATION SIMULATION GS

ENVIRONMENT SIMULATION ACOUSTIC SIMULATION

ELASTIC WAVES

ACOUSTIC SIMULATION-(CONT.) FLIGHT SIMULATION REVERBERATION CHAMBERS

ACOUSTIC STREAMING

FLUID FLOW FLUID SWITCHING ELEMENTS **FRAGMENTATION** SOUND WAVES STREAMLINING

**ACOUSTICS** 

SOUND ACOUSTICS GS AEROACOUSTICS BIOACOUSTICS ELECTROACOUSTICS
GEOMETRICAL ACOUSTICS
MAGNETOACOUSTICS MICROSONICS

**PSYCHOACOUSTICS** PSYCHOACOUSTICS
UNDERWATER ACOUSTICS
ACOUSTIC ATTENUATION
ACOUSTIC COUPLING
ACOUSTIC EXCITATION RT

ACOUSTIC EXCITATION
ACOUSTIC FATIGUE
ACOUSTIC FREQUENCIES
ACOUSTIC IMPEDANCE
ACOUSTIC PROPAGATION
ACOUSTIC SCATTERING
ACOUSTIC SOUNDING
ANECHOIC CHAMBERS
ARCHITECTURE
AUDITORY DEPOEDTION

AUDITORY PERCEPTION AUDITORY STIMULI AUDITORY TASKS COMFORT ECHOES

ECHOES
EFFECTIVE PERCEIVED NOISE LEVELS
ELASTIC WAVES
HARMONIC EXCITATION
HARMONIC GENERATIONS
HARMONIC OSCILLATION

HARMONICS HUM

INFRASONIC FREQUENCIES LAMB WAVES LOUDNESS

NOISE (SOUND)
NOISE POLLUTION
NOISE PROPAGATION
NOISE REDUCTION
OCTAVES

OPACITY **PHONETICS** POWER SPECTRA SCIENCE

SCIENCE
SIMPLE HARMONIC MOTION
SONIC ANEMOMETERS
SOUND AMPLIFICATION
SOUND FIELDS SOUND PROPAGATION SOUND TRANSMISSION SOUND WAVES SPEECH STEREOPHONICS ULTRASONIC CLEANING ULTRASONIC SCANNERS ULTRASONICS VERBAL COMMUNICATION VERBAL COMMUNICATION
VIBRATION DAMPING
VOICE COMMUNICATION
ZERO SOUND

ACROBATICS (AIRCRAFT)
USE AEROBATICS

ADAPTIVE CONTROL

ADAPTIVE CONTROL SYSTEMS AUTOMATIC CONTROL . ADAPTIVE CONTROL GS

ACTIVE CONTROL
MACHINE LEARNING
MODEL REFERENCE ADAPTIVE

CONTROL
. SELF ADAPTIVE CONTROL SYSTEMS
AUTOMATA THEORY RT

**AUTONOMY** CONTROL CONTROL THEORY CYBERNETICS DYNAMIC CONTROL ADAPTIVE CONTROL-(CONT.) FEEDBACK CONTROL FEEDFORWARD CONTROL MISSION ADAPTIVE WINGS OPTIMAL CONTROL SAMPLED DATA SYSTEMS SELF ALIGNMENT SMART STRUCTURES

ADAPTIVE CONTROL SYSTEMS ADAPTIVE CONTROL

**ADI METHODS** 

ALTERNATING DIRECTION IMPLICIT METHODS

ADIABATIC CONDITIONS

CONDITIONS GS

. ADIABATIC CONDITIONS CARNOT CYCLE COMPRESSING ENTHALPY ENVIRONMENTS EXPANSION ISENTROPE

ISOENERGETIC PROCESSES ISOTHERMAL PROCESSES POLYTROPIC PROCESSES TEMPERATURE

THERMAL ENVIRONMENTS THERMODYNAMIC CYCLES THERMODYNAMIC EQUILIBRIUM

ADIABATIC DEMAGNETIZATION COOLING
RT MAGNETIC COOLING

**ADIABATIC EQUATIONS** 

∞ EQUATIONS EQUATIONS OF STATE HEAT TRANSMISSION NONADIABATIC THEORY SHOCK WAVES

ADIABATIC FLOW
GS FLUID FLOW

ADIABATIC FLOW

STAGNATION TEMPERATURE

ADVANCED AIRBORNE COMMAND POST

E-4A AIRCRAF

ADVANCED LAUNCH SYSTEM (STS) ALS (LAUNCH SYSTEM) GS TRANSPORTATION

SPACE TRANSPORTATION . SPACE TRANSPORTATION SYSTEM
... ADVANCED LAUNCH SYSTEM (STS)
HEAVY LIFT LAUNCH VEHICLES

RT LAUNCH VEHICLE CONFIGURATIONS LAUNCH VEHICLES NASA PROGRAMS NASA SPACE PROGRAMS PAYLOAD DELIVERY (STS) REUSABLE LAUNCH VEHICLES SHUTTLE DERIVED VEHICLES SPACE SHUTTLES SPACECRAFT DESIGN

ADVANCED RANGE INSTRUMENTATION AIRCRAFT

AIRBORNE EQUIPMENT ∞ AIRCRAFT APOLLO PROJECT C-135 AIRCRAFT DATA ACQUISITION TELEMETRY

ADVANCED RANGE INSTRUMENTATION SHIP

ARIS INSTRUMENTATION SHIP WATER VEHICLES

ADVANCED RANGE

INSTRUMENTATION SHIP ∞ INSTRUMENTS

MANNED SPACE FLIGHT NETWORK SPACECRAFT TRACKING TRACKING NETWORKS

ADVANCED TECHNOLOGY LIGHT TWIN AIRCRAFT
USE ATLIT PROJECT

GS

AERIAL ACROBATICS **AEROBATICS** 

RT

#### **AERODYNAMIC DRAG**

AEROBATICS-(CONT.)
RT FLIGHT CONTROL AERIAL EXPLOSIONS AERODYNAMIC CHORDS
USE AIRFOIL PROFILES (LIMITED TO EXPLOSIONS OCCURRING AT HEIGHTS LESS THAN 50 KM) MANEUVERS CHORDS (GEOMETRY) AIR BLASTS GS **EXPLOSIONS AEROBEE ROCKET VEHICLE AERODYNAMIC COEFFICIENTS** . AERIAL EXPLOSIONS BLAST LOADS ROCKET VEHICLES LIFT COEFFICIENTS UF GS SOUNDING ROCKETS CHEMICAL EXPLOSIONS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS AEROBEE ROCKET VEHICLE **AERODYNAMIC COEFFICIENTS** DRAG COEFFICIENTS AERODYNAMIC AXIS AERODYNAMIC BALANCE FLOW DISTORTION **AERIAL IMAGERY** FORCE DISTRIBUTION USE AERIAL PHOTOGRAPHY **AERODYNAMIC BALANCE** LIFT AERODYNAMIC AXIS
AERODYNAMIC CENTER LIFT DRAG RATIO AERIAL PHOTOGRAPHY
UF AERIAL IMAGERY
GS IMAGERY PITCHING MOMENTS
PRESSURE DISTRIBUTION DRAG BALANCE TRIM (BALANCE) ROLLING MOMENTS . AERIAL PHOTOGRAPHY PHOTOGRAPHY **AERODYNAMIC CHARACTERISTICS** YAWING MOMENTS GS AERODYNAMIC BALANCE AERIAL PHOTOGRAPHY AIRCRAFT STABILITY BALANCE RΤ **AERODYNAMIC CONFIGURATIONS** RT ASTRONOMICAL PHOTOGRAPHY CHANGE DETECTION (LIMITED TO AERODYNAMIC VEHICLE SHAPES-FOR LIFTING OR THRUSTING DYNAMIC CHARACTERISTICS HORIZONTAL FLIGHT LIFT DRAG RATIO CLOUD PHOTOGRAPHS CLOUD PHOTOGRAPHY SURFACES USE AIRFOILS) AERODYNAMIC CONFIGURATIONS
DROOPED AIRFOILS MASS DISTRIBUTION SPACECRAFT MOTION SPACECRAFT STABILITY GS COLOR PHOTOGRAPHY EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES SURVEY AIRCRAFT
FOREST FIRE DETECTION
GEOGRAPHIC INFORMATION SYSTEMS
GRAY SCALE WAVERIDERS WING NACELLE CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN STATIC AERODYNAMIC CHARACTERISTICS TURNING FLIGHT RT AIRFOILS BLUNT BODIES GROUND TRUTH
ICE MAPPING
IMAGE MOTION COMPENSATION AERODYNAMIC BRAKES
GS BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES BODIES OF REVOLUTION
BODY-WING AND TAIL CONFIGURATIONS
BODY-WING CONFIGURATIONS INFRARED PHOTOGRAPHY
ORTHOPHOTOGRAPHY BALLUTES CANARD CONFIGURATIONS CHANNEL WINGS PHOTOGEOLOGY DRAG CHUTES PHOTOGRAMMETRY PHOTOINTERPRETATION **PARAVULCOONS** CONES SPLIT FLAPS WING FLAPS ∞ CONFIGURATIONS CONTROL SURFACES PHOTOMAPPING LEADING EDGE FLAPS LEADING EDGE SLATS TRAILING EDGE FLAPS PHOTOMAPS PIXELS ∞ DESIGN DISKS (SHAPES) DRAG PLANT STRESS ROCKET-BORNE PHOTOGRAPHY SATELLITE-BORNE PHOTOGRAPHY VORTEX FLAPS ENGINE AIRFRAME INTEGRATION FAIRINGS
FINNED BODIES
HALF CONES
HEMISPHERES
INTAKE SYSTEMS DRAG DEVICES
AERODYNAMIC BRAKES SPACEBORNE PHOTOGRAPHY STEREOPHOTOGRAPHY BALLUTES DRAG CHUTES TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY **PARAVULCOONS** SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS LAUNCH VEHICLE CONFIGURATIONS LIFT LIFTING BODIES **AERIAL RECONNAISSANCE** RECONNAISSANCE
AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED LEADING EDGE SLATS TRAILING EDGE FLAPS MISSILE CONFIGURATIONS MONOPLANES VORTEX FLAPS NACELLES RECONNAISSANCE SYSTEM AEROMAGNETISM AIRCRAFT BRAKES
CONTROL SURFACES RT NOSE TIPS
OBLIQUE WINGS
PROPULSION SYSTEM CONFIGURATIONS AT FLAPERONS
FLAPS (CONTROL SURFACES)
PARACHUTES CHANGE DETECTION EARTH RESOURCES SURVEY AIRCRAFT GROUND TRUTH PROTUBERANCES PYLON MOUNTING PYLON MOUNTING
REYNOLDS EQUATION
RING STRUCTURES
ROTOR BOD ✓ INTERACTIONS
SATELLITE CONFIGURATIONS
SCALE MODELS
SEMISPAN MODELS
SLENDER BODIES
SLENDER CONES RETRACTABLE EQUIPMENT HS-801 AIRCRAFT INFRARED RADIOMETERS
METEOROLOGICAL FLIGHT SPOILERS METEOROLOGICAL FLIGHT PHOTORECONNAISSANCE RECONNAISSANCE AIRCRAFT RECONNAISSANCE SPACECRAFT THERMAL MAPPING AERODYNAMIC BUZZ USE FLUTTER AERODYNAMIC CENTER AERODYNAMIC BALANCE **AERIAL RUDDERS** SPACECRAFT CONFIGURATIONS AIRFOILS
. AERIAL RUDDERS
CONTROL SURFACES SPHERES **AERODYNAMIC CHARACTERISTICS** STRAKES AERODYNAMIC CHARACTERISTICS
. AERODYNAMIC BALANCE STREAMLINED BODIES
THREE DIMENSIONAL BODIES RUDDERS AERODYNAMIC DRAG . SUPERSONIC DRAG AERODYNAMIC STABILITY AERIAL RUDDERS WIND TUNNEL MODELS WING ROOTS HORIZONTAL TAIL SURFACES MARINE RUDDERS INTERFERENCE DRAG LIFT STABLIZERS (FLUID DYNAMICS)
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES AERODYNAMIC DRAG
GS AERODYNAMIC CHARACTERISTICS
AERODYNAMIC DRAG
. SUPERSONIC DRAG INTERFERENCE LIFT JET LIFT ROTOR LIFT ZERO LIFT STATIC AERODYNAMIC CHARACTERISTICS AERODYNAMIC FORCES
AERODYNAMIC FORCES
AERODYNAMIC DRAG

SUPERSONIC DRAG
DYNAMIC CHARACTERISTICS **AEROACOUSTICS** ACOUSTICS GS AEROACOUSTICS AERODYNAMIC NOISE ANGLE OF ATTACK ASPECT RATIO CHARACTERISTICS CROSS FLOW RT AERODYNAMICS ∞ AERONAUTICS DRAG AIRCRAFT NOISE FRICTION DRAG GRAZING FLOW NOISE PREDICTION (AIRCRAFT) AERODYNAMIC DRAG SUPERSONIC DRAG DYNAMIC CHARACTERISTICS PROPELLER NOISE FRICTION
FLOW RESISTANCE
FRICTION DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG ENGINE AIRFRAME INTEGRATION FLIGHT ENVELOPES SCIENCE SURFACE NOISE INTERACTIONS ROTOR BODY INTERACTIONS
UNDER SURFACE BLOWING
UNSTEADY AERODYNAMICS
UPPER SURFACE BLOWING
WIND TUNNEL TESTS **AEROBATICS** 

ACROBATICS (AIRCRAFT)

AERIAL ACROBATICS

SKIN FRICTION

FRICTION DRAG

#### **AERODYNAMIC FORCES**

AERODYNAMIC STALLING AERODYNAMIC LOADS-(CONT.) AERODYNAMIC DRAG-(CONT.)

AERODYNAMIC DRAG

... SUPERSONIC DRAG AIRCRAFT PERFORMANCE AIRCRAFT SPIN GUST LOADS
LOADS (FORCES)
DYNAMIC LOADS
AERODYNAMIC LOADS
BLAST LOADS AIRSPEED BALLISTICS RT ANGLE OF ATTACK BOUNDARY LAYER SEPARATION BASE PRESSURE LIFT DRAG RATIO GUST LOADS DRAG MEASUREMENT LOW SPEED STABILITY AXIAL COMPRESSION LOADS RT DRAG REDUCTION ∞ STALLING AXIAL LOADS GROUND EFFECT (AERODYNAMICS) SWEEP ANGLE COMPRESSION LOADS CRITICAL LOADING EDGE LOADING HYPERSONIC FORCES ZERO LIFT LIFT DRAG RATIO FORCE DISTRIBUTION LOADING MOMENTS **AERODYNAMIC VEHICLES** ORBIT DECAY PRESSURE DRAG AIRCRAFT PRESSURE DISTRIBUTION ∞ RESISTANCE SATELLITE DRAG TURBULENCE SHOCK LOADS STATIC LOADS **AERODYNAMICS** HYDROAEROMECHANICS FLUID MECHANICS STRUCTURAL DESIGN CRITERIA VORTEX FLAPS GS THRUST LOADS TRANSIENT LOADS FLUID DYNAMICS GAS DYNAMICS
. AERODYNAMICS AERODYNAMIC FORCES
UF GLAUERT COEFFICIENT
GS AERODYNAMIC FORCES
. AERODYNAMIC FORGE
. SUPERSONIC DRAG
. SUPERSONIC DRAG VIBRATORY LOADS WING LOADING AEROTHERMODYNAMICS HYPERSONICS HOTOR AERODYNAMICS AERODYNAMIC MOMENTS
USE STABILITY DERIVATIVES AERODYNAMIC INTERFERENCE AERODYNAMIC LOADS SUPERSONICS UNSTEADY AERODYNAMICS AEROACOUSTICS RT BLAST LOADS **AERODYNAMIC NOISE** AERODYNAMIC HEATING AERODYNAMIC INTERFERENCE . GUST LOADS HYPERSONIC FORCES BOUNDARY LAYER NOISE ELASTIC WAVES UF GS AEROELASTICITY LIFT SOUND WAVES NOISE (SOUND) AERONAUTICAL ENGINEERING AERONAUTICS INTERFERENCE LIFT JET LIFT AERODYNAMIC NOISE
BLADE SLAP NOISE
PROPELLER NOISE **∞ AEROSPACE SCIENCES** ROTOR LIFT ∞ AIRCRAFT AIRFOILS . ZERO LIFT WING LOADING ACOUSTIC RETROFITTING AERODYNAMIC CHARACTERISTICS AEROELASTICITY RT BLUNT BODIES
BODIES OF REVOLUTION
BOUNDARY LAYER CONTROL LEADING EDGE THRUST THRUST DISTRIBUTION AIRCRAFT NOISE COMPRESSIBLE FLOW CONTROL SURFACES UNSTEADY AERODYNAMICS FILITTER JET AIRCRAFT NOISE DRAG AERODYNAMIC HEAT TRANSFER NOISE MEASUREMENT NOISE REDUCTION ∞ DYNAMICS ∞ FLIGHT TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER PANEL FLUTTER FLIGHT CHARACTERISTICS FLIGHT MECHANICS SHOCK WAVES SONIC BOOMS AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER FLOW SURFACE NOISE INTERACTIONS FLOW THEORY FREE WING AIRCRAFT
GROUND EFFECT (AERODYNAMICS) ARI ATION AERODYNAMIC STABILITY

UF FLYING PLATFORM STABILITY
GS AERODYNAMIC CHARACTERISTICS

AERODYNAMIC STABILITY
DYNAMIC CHARACTERISTICS **AEROTHERMODYNAMICS** HYPERSONIC FLIGHT HYPERSONIC FLOW TURBULENT HEAT TRANSFER INCOMPRESSIBLE FLOW AERODYNAMIC HEATING GS HEATING INVISCID FLOW LAMINAR FLOW DYNAMIC STABILITY KINETIC HEATING
AERODYNAMIC HEATING MOTION STABILITY AERODYNAMIC STABILITY MACH NUMBER SHOCK HEATING MACH-ZEHNDER INTERFEROMETERS ABLATION AERODYNAMICS AT DYNAMIC STABILITY
. MOTION STABILITY REENTRY SCIENCE AEROTHERMOCHEMISTRY AEROTHERMODYNAMICS AERODYNAMIC STABILITY SLENDER BODIES AEROELASTICITY AIRCRAFT STABILITY RT SUBSONIC FLOW SUPERSONIC FLOW ATMOSPHERIC ENTRY BOUNDARY LAYER PLASMAS COMPRESSIBLE FLUIDS AIRFOIL OSCILLATIONS ATTITUDE STABILITY BALLAST (MASS) THERMODYNAMICS TRANSONIC FLOW CONVECTIVE HEAT TRANSFER HYPERSONIC REENTRY REENTRY TURBULENT FLOW BOUNDARY LAYER STABILITY UNIFORM FLOW UNSTEADY FLOW BUFFETING REENTRY EFFECTS
REENTRY SHIELDING DIRECTIONAL STABILITY DYNAMIC TESTS VISCOUS FLOW WIND MEASUREMENT WIND TUNNELS SKIN FRICTION FLIGHT ENVELOPES SKIN TEMPERATURE (NON-BIOLOGICAL)
TRANSIENT HEATING
UNCONTROLLED REENTRY FLIGHT STABILITY TESTS FLOW STABILITY AEROELASTIC RESEARCH WINGS FLUTTER AIRFOILS GS (SPACECRAFT) GROUND RESONANCE HELICOPTER PERFORMANCE WINGS AERODYNAMIC INTERFERENCE
GS AERODYNAMIC FORCES
. AERODYNAMIC INTERFERENCE AEROELASTIC RESEARCH WINGS HOVERING LATERAL STABILITY LIQUID SLOSHING AIRCRAFT DESIGN **FLUTTER** FLUTTER ANALYSIS AERODYNAMICS LONGITUDINAL STABILITY LOW SPEED STABILITY RT STRUCTURAL DESIGN WING OSCILLATIONS AIR FLOW AIRCRAFT CONFIGURATIONS AIRCRAFT STRUCTURES MASS DISTRIBUTION PILOT INDUCED OSCILLATION PRESSURE DISTRIBUTION AIRFOIL PROFILES CONTROL SURFACES **AEROELASTICITY** PRESSORE DISTRIBUTION
REENTRY
RICHARDSON NUMBER
SPACECRAFT MOTION
SPACECRAFT STABILITY
STABILITY AUGMENTATION
STATIC AERODYNAMIC
CHARACTERISTICS MECHANICAL PROPERTIES ELASTIC PROPERTIES
AEROELASTICITY **∞INTERFERENCE PROTUBERANCES** AEROTHERMOELASTICITY
AERODYNAMIC NOISE
AERODYNAMIC STABILITY TURBULENT FLOW WING PROFILES RT AERODYNAMICS CHARACTERISTICS TURBULENCE EFFECTS AERODYNAMIC LIFT AEROTHERMODYNAMICS AIRCRAFT STRUCTURES LIFT UNSTEADY AERODYNAMICS
VORTEX AVOIDANCE
WIND TUNNEL STABILITY TESTS AIRFOIL OSCILLATIONS DAST PROGRAM AERODYNAMIC LOADS
GS AERODYNAMIC FORCES **FLUTTER** WING OSCILLATIONS AERODYNAMIC LOADS

INFLUENCE COEFFICIENT

BLAST LOADS

#### **AFTERBURNING**

AEROSTATICS GS STATICS AEROSPACE ENGINEERING-(CONT.) AEROELASTICITY-(CONT.) AEROSPACE ENGINEERING
AERONAUTICAL ENGINEERING PANEL FLUTTER RIGID WINGS **AEROSTATICS** ∞ AERONAUTICS BUOYANCY DYNAMICS THERMOELASTICITY
UNSTEADY AERODYNAMICS ∞ AEROSPACE 5 HENCES ∞ EQUILIBRIUM ∞ AIRCRAFT WING LOADING ∞ ENGINEERING FLUID MECHANICS HYDROSTATICS MECHANICAL ENGINEERING MISSILE DESIGN **AEROGYRO HELICOPTERS** XH-51 HELICOPTER STRUCTURAL ENGINEERING AEROSTATS
USE AIRSHIPS AEROMAGNETO FLUTTER AEROSPACE INDUSTRY FLUTTER **AEROTHERMOCHEMISTRY** ENVIRONMENTAL CHEMISTRY
AEROTHERMOCHEMISTRY AEROSPACE INDUSTRY
AIRCRAFT INDUSTRY AERONAUTICAL ENGINEERING AEROSPACE ENGINEERING
AERONAUTICAL ENGINEERING THERMOCHEMISTRY ∞ AIRCRAFT **AEROTHERMOCHEMISTRY** COMMERCIAL SPACECRAFT ABLATION
AERODYNAMIC HEATING
AEROTHERMODYNAMICS
ATMOSPHERIC CHEMISTRY AERODYNAMICS SPACE COMMERCIALIZATION RT ∞ AERONAUTICS ∞ AIRCRAFT AIRCRAFT DESIGN AEROSPACE PLANES
GS AEROSPACE VEHICLES AIRCRAFT INDUSTRY
AUXILIARY PROPULSION CHEMICAL ENGINEERING AEROSPACE PLANES . HOTOL LAUNCH VEHICLE CHEMISTRY COMPOUND HELICOPTERS

© ENGINEERING
FUNCTIONAL DESIGN SPECIFICATIONS NOZZLE FLOW X-30 VEHICLE NOZZLE FLOW PHYSICAL CHEMISTRY PYROMETALLURGY REENTRY PHYSICS REENTRY SHIELDING REENTRY VEHICLES MANEUVERABLE SPACECRAFT
AEROSPACE PLANES MECHANICAL ENGINEERING . . HOTOL LAUNCH VEHICLE . . X-30 VEHICLE MANNED SPACECRAFT PROPULSION STRUCTURAL ENGINEERING AEROSPACE PLANES
. HOTOL LAUNCH VEHICLE
. X-30 VEHICLE AERONAUTICAL SATELLITES **AEROTHERMODYNAMICS** ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. AERONAUTICAL SATELLITES FLUID MECHANICS REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. REUSABLE SPACECRAFT GAS DYNAMICS AERODYNAMICS
. AEROTHERMODYNAMICS RT AEROSPACE PLANES AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT COMMUNICATION THERMODYNAMIC HOTOL LAUNCH VEHICLE X-30 VEHICLE AEROTHERMODYNAMICS
AERODYNAMIC HEAT TRANSFER
AERODYNAMIC HEATING RT SOFT LANDING SPACECRAFT
. AEROSPACE PLANES
.. HOTOL LAUNCH VEHICLE GROUND-AIR-GROUND COMMUNICATION RESCUE OPERATIONS AEROELASTICITY
AEROTHERMOCHEMISTRY SATELLITE NETWORKS ... X-30 VEHICLE ASSET PROJECT BOUNDARY LAYER PLASMAS ∞ AERONAUTICS ASTRO VEHICLE ...CHEMISTRY (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS BOOSTGLIDE VEHICLES BURAN SPACE SHUTTLE COMBUSTION PHYSICS DYNAMICS
HYPERSONIC HEAT TRANSFER LISTED BELOW) GLIDERS **AVIATION** HYPERSONIC AIRCRAFT HYPERSONIC GLIDERS AEROACOUSTICS AERODYNAMICS HYPERSONIC REENTRY RT HYPERSONICS HYPERSONIC GLIDERS
LAUNCH VEHICLES
LIFTING REENTRY VEHICLES
LIQUID AIR CYCLE ENGINES
MILITARY SPACECRAFT
NATIONAL AEROSPACE PLANE AERONAUTICAL ENGINEERING AERONAUTICAL SATELLITES RANKINE-HUGONIOT RELATION REENTRY REENTRY PHYSICS AEROSPACE ENGINEERING ∞ AEROSPACE SCIENCES AIR LAW ∞ SCIENCE SKIN TEMPERATURE (NON-BIOLOGICAL) SUPERSONICS PROGRAM ∞ AIRCRAFT RESEARCH AIRCRAFT ROCKET PLANES THERMOELASTICITY AIRPORTS AVIONICS TRANSATMOSPHERIC VEHICLES AEROTHERMOELASTICITY

GS MECHANICAL PROPERTIES
. ELASTIC PROPERTIES
. AEROELASTICITY CIVIL AVIATION X-20 AIRCRAFT ∞ FLIGHT GENERAL AVIATION AIRCRAFT HUMAN FACTORS ENGINEERING MILITARY AVIATION ∞ AEROSPACE SCIENCES (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS AEROTHERMOELASTICITY ∞ SCIENCE TACT PROGRAM THERMOELASTICITY
AEROTHERMOELASTICITY LISTED BELOW)
SPACE SCIENCES UF AERODYNAMICS AFCS (CONTROL SYSTEM)
USE AUTOMATIC FLIGHT CONTROL AEROPHYSICS
USE ATMOSPHERIC PHYSICS AERONAUTICS
AEROSPACE ENGINEERING
AEROSPACE ENVIRONMENTS AEROQUATIC VEHICLES
RT AIRCRAFT DESIGN
ATTACK AIRCRAFT **AFTERBODIES** AEROSPACE MEDICINE AEROSPACE SYSTEMS CYLINDRICAL AFTERBODIES STERNS ASTRONOMY
COMMITTEE ON SPACE RESEARCH AIRCRAFT STRUCTURES ∞ MILITARY VEHICLES
UNDERWATER PROPULSION BASE HEATING BOATTAILS ENVIRONMENTAL ENGINEERING EXTRATERRESTRIAL RADIATION SPACE LABORATORIES UNDERWATER VEHICLES ∞ BODIES CENTERBODIES CONICAL BODIES AEROSAT SATELLITES
GS ARTIFICIAL SATELLITES AEROSPACE SYSTEMS
RT ∞AEROSPACE SCIENCES
CONTROL SYSTEMS DESIGN CYLINDRICAL BODIES FLARED BODIES . COMMUNICATION SATELLITES
. AERONAUTICAL SATELLITES
. AEROSAT SATELLITES FOREBODIES ESA SATELLITES

AEROSAT SATELLITES

NAVIGATION SATELLITES

AEROSAT SATELLITES

SYNCHRONOUS SATELLITES MISSILE SYSTEMS SKIRTS ∞ SYSTEMS SWING TAIL ASSEMBLIES SYSTEMS ENGINEERING TAIL ASSEMBLIES AFTERBURNERS **AEROSPACE VEHICLES** AFTERBURNING AEROSPACE VEHICLES
. AEROSPACE PLANES
.. HOTOL LAUNCH VEHICLE .. AEROSAT SATELLITES ESA SPACECRAFT USE ESA SATELLITES AFTERBURNING .. AEROSAT SATELLITES
EUROPEAN SPACE PROGRAMS AFTERBURNERS COMBUSTION X-30 VEHICLE FLEXIBLE SPACECRAFT GS RT AFTERBURNING SATELLITE NETWORKS ∞ AIRCRAFT

COMMERCIAL SPACECRAFT

TRANSATMOSPHERIC VEHICLES

SPACECRAFT

AEROSPACE ENGINEERING
UF SPACE SYSTEMS ENGINEERING

BURNERS EXHAUST SYSTEMS

INFRARED SUPPRESSION

PI

#### **AGENA A ROCKET VEHICLE**

AFTER	BURNING-(CONT.)	AH-64	HELICOPTER-(CONT.)	AIR C	OOLING
	INTERNAL COMBUSTION ENGINES		∞ MILITARY AIRCRAFT	SN	(COOLING WITH AIR)
	J-57 ENGINE		TERRAIN FOLLOWING AIRCRAFT	GS	COOLING
	J-57-P-20 ENGINE			DT	. AIR COOLING
	JET ENGINES THRUST AUGMENTATION	AILER		RT	COOLANTS COOLERS
	THOO ACCIMENTATION	GS	AIRFOILS		COOLING SYSTEMS
AGENA	A ROCKET VEHICLE		. AILERONS		LIQUID COOLING
GS	ROCKET VEHICLES		FLAPERONS SPOILER SLOT AILERONS		REFRIGERATING
	. SINGLE STAGE ROCKET VEHICLES		CONTROL SURFACES		VENTILATION
	. AGENA ROCKET VEHICLES		. AILERONS		
	AGENA A ROCKET VEHICLE		FLAPERONS		URRENTS
mı -	DISCOVERER SATELLITES THOR AGENA LAUNCH VEHICLE		SPOILER SLOT AILERONS	GS	FLUID FLOW . GAS FLOW
	THOU MULTIN ENGINEER TENOCE	RT	ELEVATORS (CONTROL SURFACES)		. AIR FLOW
AGENA	B ROCKET VEHICLE		ELEVONS LATERAL CONTROL		AIR CURRENTS
GS	ROCKET VEHICLES		TABS (CONTROL SURFACES)		JET STREAMS (METEOROLOGY
	. SINGLE STAGE ROCKET VEHICLES		TADO (CONTINOE CONTINOEC)		MERIDIONAL FLOW
	AGENA ROCKET VEHICLES	AID		DT	VERTICAL AIR CURRENTS
DT	AGENA B ROCKET VEHICLE	AIR GS	GASES	RT	ATMOSPHERIC CIRCULATION BAROTROPIC FLOW
RT	DISCOVERER SATELLITES ECHO SATELLITES	as	GAS MIXTURES		BOUNDARY LAYER FLOW
	EGO		AIR		BOUNDARY LAYER TRANSITION
	GEMINI PROJECT		ALVEOLAR AIR		BRUNT-VAISALA FREQUENCY
	MARINER PROGRAM		COMPRESSED AIR		CONVECTION CLOUDS
	OAO		EXPIRED AIR		CONVECTION CURRENTS
	POGO		HIGH TEMPERATURE AIR LIQUID AIR		∞CURRENTS GROUND WIND
	RANGER PROJECT		MIXTURES		LEE WAVES
AGENA	C ROCKET VEHICLE		. SOLUTIONS		SEA BREEZE
GS	ROCKET VEHICLES		GAS MIXTURES		UPSTREAM
	. SINGLE STAGE ROCKET VEHICLES		AIR		WIND (METEOROLOGY)
	. AGENA ROCKET VEHICLES		ALVEOLAR AIR		WINDPOWER UTILIZATION
	AGENA C ROCKET VEHICLE		COMPRESSED AIR		ZONAL FLOW (METEOROLOGY)
			EXPIRED AIR HIGH TEMPERATURE AIR	410.01	IOLHOA: I AMBINO EVETTINE
	D ROCKET VEHICLE		LIQUID AIR	RT	JSHION LANDING SYSTEMS AIRCRAFT LANDING
GS	ROCKET VEHICLES	RT	AIR DATA SYSTEMS	111	CUSHIONS
	. SINGLE STAGE ROCKET VEHICLES		∞ ATMOSPHERES		GROUND EFFECT (AERODYNAMICS)
	AGENA ROCKET VEHICLES AGENA D ROCKET VEHICLE		ATMOSPHERIC COMPOSITION		SKID LANDINGS
	AGENA D NOCKET VEHICLE		EARTH ATMOSPHERE		∞ SYSTEMS
AGENA	ROCKET VEHICLES		ENVIRONMENTS		
GS	ROCKET VEHICLES		MIDDLE ATMOSPHERE		ISHION VEHICLES
-	. SINGLE STAGE ROCKET VEHICLES			USE	GROUND EFFECT MACHINES
	. AGENA ROCKET VEHICLES	AIR BI			TA AVATELIA
	AGENA A ROCKET VEHICLE	USE	AERIAL EXPLOSIONS	AIR DA	ATA SYSTEMS (LIMITED TO FLIGHT DATA SYSTEMS)
	AGENA B ROCKET VEHICLE			GS	DATA SYSTEMS
	AGENA C ROCKET VEHICLE		REATHING ENGINES	40	. AIR DATA SYSTEMS
RT	AGENA D ROCKET VEHICLE ATLAS AGENA B LAUNCH VEHICLE	GS		AT	AIR
n:	ATLAS AGENA LAUNCH VEHICLES		. AIR BREATHING ENGINES GAS TURBINE ENGINES		∞ AIRCRAFT
	DISCOVERER SATELLITES		JET ENGINES		∞ SPACECRAFT
	ECHO SATELLITES		RAMJET ENGINES		TABLES (DATA) WIND TUNNEL TESTS
	GEMINI PROJECT		INTEGRAL ROCKET RAMJETS		WIND TUNNEL TESTS
	MARINER PROGRAM		LOW VOLUME RAMJET ENGINES	AIR DE	EENGE
	RANGER PROJECT		PULSEJET ENGINES	GS	
	THOR AGENA LAUNCH VEHICLE		SUPERSONIC COMBUSTION	33	. ANTIMISSILE DEFENSE
			RAMJET ENGINES TURBORAMJET ENGINES		. SAGE AIR DEFENSE SYSTEM
	LTURAL AIRCRAFT		TURBOJET ENGINES	RT	ANTIRADIATION MISSILES
GS	GENERAL AVIATION AIRCRAFT . AGRICULTURAL AIRCRAFT		BRISTOL-SIDDELEY OLYMPUS		BALLISTIC MISSILE EARLY WARNING
RT	AGRICULTURE		593 ENGINE		SYSTEM
	∞ AIRCRAFT		BRISTOL-SIDDELEY VIPER		CAMOUFLAGE CIVIL DEFENSE
	CROP DUSTING		ENGINE		DECEPTION
	LIGHT AIRCRAFT		DUCTED FAN ENGINES		∞ DEFENSE
	SWATH WIDTH		J-33 ENGINE J-34 ENGINE		DEFENSE PROGRAM
			J-47 ENGINE		DMSP SATELLITES
	HELICOPTER		J-57 ENGINE		EARLY WARNING SYSTEMS
GS	V/STOL AIRCRAFT . ROTARY WING AIRCRAFT		J-57-P-20 ENGINE		ELECTRONIC WARFARE
	. HELICOPTERS		J-65 ENGINE		JAMMERS OPTICAL COUNTERMEASURES
	MILITARY HELICOPTERS		J-69-T-25 ENGINE		SABOTAGE
	AH-1G HELICOPTER		J-71 ENGINE		SPACE SURVEILLANCE (GROUND
RT (	∞ MILITARY AIRCRAFT		J-73 ENGINE J-75 ENGINE		BASED)
	TERRAIN FOLLOWING AIRCRAFT		J-75 ENGINE		SPACE SURVEILLANCE (SPACEBORNE)
			J-85 ENGINE		WEAPONS DELIVERY
	IELICOPTER		J-93 ENGINE		
GS	ATTACK AIRCRAFT		RA-28 ENGINE		OP OPERATIONS
	. AH-63 HELICOPTER		TURBOFAN ENGINES	AT	BAILOUT BALLUTES
	BELL AIRCRAFT . AH-63 HELICOPTER		BRISTOL-SIDDELEY BS 53		CARGO
RT .	∞ MILITARY AIRCRAFT		ENGINE CE-700 ENGINE		DELIVERY
	TERRAIN FOLLOWING AIRCRAFT		CF-700 ENGINE		FREE FALL
			ENGINES		∞ OPERATIONS
AH-64 H	IELICOPTER		J-97 ENGINE		PARACHUTES
GS	ATTACK AIRCRAFT		TF-41 ENGINE		PARAVULCOONS DARAWINGS
	. AH-64 HELICOPTER		TURBOPROP ENGINES		PARAWINGS
	HUGHES AIRCRAFT		T-53 ENGINE	410 611	LCT0
	. AH-64 HELICOPTER		T-56 ENGINE	AIR DU GS	ICTS DUCTS
	V/STOL AIRCRAFT . ROTARY WING AIRCRAFT		1-64 ENGINE	us.	. AIR DUCTS
	. HELICOPTERS		TURBORAMJET ENGINES	AT	ANNULAR DUCTS
	MILITARY HELICOPTERS		T-58-GE-8B ENGINE		BLOWERS
	AH-64 HELICOPTER	RT	AIR BREATHING BOOSTERS		EXHAUST NOZZLES

#### AIR TRAFFIC CONTROL

AIR DUCTS-(CONT.)	AIR L	ocks-(CONT.)		AIR ROCKETS
∞FANS		AÌR LOCKS	USE	AIR TO AIR MISSILES
GAS FLOW	RT	AIRLOCK MODULES		
VENTILATORS		DOORS	AIR TO	SURFACE MISSILES
		EGRESS	GS	MISSILES
AIR FLOW		ENCLOSURES HATCHES		AIR TO SURFACE MISSILES
GS FLUID FLOW		INGRESS (SPACECRAFT PASSAGEWAY)		BULLPUP MISSILES
. GAS FLOW AIR FLOW		∞LOCKS		. CONDOR MISSILE HARPOON MISSILE
AIR CURRENTS		PRESSURE CHAMBERS		. HOUND DOG MISSILE
JET STREAMS (METEOROLOGY)		SEALS (STOPPERS)		MAVERICK MISSILES
MERIDIONAL FLOW				QUAIL MISSILE
VERTICAL AIR CURRENTS	AIR M			SHRIKE MISSILE
RT AERODYNAMIC INTERFERENCE	GS	CARGO . AIR CARGO	RT	MISS DISTANCE
ATMOSPHERIC BOUNDARY LAYER		. AIR MAIL		ORDNANCE SURFACE TO AIR MISSILES
BAROTROPIC FLOW BRUNT-VAISALA FREQUENCY		· · · · · · · · · · · · · · · · · · ·		SURFACE TO SURFACE MISSILES
COMPRESSIBLE FLOW	AIR N	AVIGATION		∞SURFACES
∞ CURRENTS	GS	NAVIGATION		WEAPON SYSTEMS
DUCT GEOMETRY		. AIR NAVIGATION		
DUCTED FLOW		ALL-WEATHER AIR NAVIGATION	AIR TR	AFFIC
STREAMLINING		AREA NAVIGATION	GS	TRAFFIC
STREAMS	RT	NAP-OF-THE-EARTH NAVIGATION ASTRONAVIGATION		. AIR TRAFFIC
VENTILATION	יח	BORESIGHT ERROR	₽T	AIRCRAFT HAZARDS
AIR INLETS		CELESTIAL NAVIGATION		AIRLINE OPERATIONS
USE AIR INTAKES		CELESTIAL REFERENCE SYSTEMS		AIRSPACE
ODE ANY DEFENDED		COLLISION AVOIDANCE		COLLISION AVOIDANCE FLIGHT HAZARDS
AIR INTAKES		∞ CONTROL		FLIGHT PATHS
UF AIR INLETS		DEAD RECKONING		FLIGHT PLANS
GS INTAKE SYSTEMS		DIGITAL NAVIGATION		NATIONAL AIRSPACE UTILIZATION
. AIR INTAKES		DOPPLER NAVIGATION FLIGHT INSTRUMENTS		SYSTEM
ENGINE INLETS HYPERSONIC INLETS		FLIGHT MANAGEMENT SYSTEMS		NATIONAL AVIATION SYSTEM
INLET AIRFRAME CONFIGURATIONS		FLIGHT PATHS		
SUPERSONIC INLETS		FLIGHT PLANS		AFFIC CONTROL
RT BYPASS RATIO		FLIGHT RULES	GS	GROUND BASED CONTROL
CONICAL INLETS		GUIDANCE (MOTION)		. AIR TRAFFIC CONTROL AUTOMATED EN ROUTE ATC
COWLINGS		HYPERBOLIC NAVIGATION		. RADAR APPROACH CONTROL
INLET NOZZLES		INERTIAL NAVIGATION INSTRUMENT FLIGHT RULES		TRAFFIC CONTROL
INLET TEMPERATURE		LORAN		AIR TRAFFIC CONTROL
INTERNAL COMPRESSION INLETS		LORAN C		AUTOMATED EN ROUTE ATC
MANIFOLDS NACELLES		LORAN D		RADAR APPROACH CONTROL
NOSF INLETS		NATIONAL AIRSPACE UTILIZATION	RT	AERONAUTICAL SATELLITES
PLENUM CHAMBERS		SYSTEM		AIRBORNE RADAR APPROACH
SCOOPS		NAVIGATION AIDS		AIRCRAFT APPROACH SPACING AIRCRAFT COMMUNICATION
SIDE INLETS		OMEGA NAVIGATION SYSTEM POLAR NAVIGATION		AIRCRAFT GUIDANCE
SUPERCHARGERS		RADAR NAVIGATION		AIRCRAFT SAFETY
SUPERSONIC DIFFUSERS		RADIO NAVIGATION		AIRPORT SURFACE DETECTION
VENTILATION VENTILATORS		SHORAN		EQUIPMENT
∞WATER INTAKES		SOLAR COMPASSES		AIRPORT TOWERS
# ·····=-		SPACE NAVIGATION		AIRPORTS
AIR JETS		TACAN		AIRSPACE APPROACH
GS FLUID FLOW		VHF OMNIRANGE NAVIGATION VISUAL FLIGHT		APPROACH CONTROL
. JET FLOW		VISUAL FLIGHT		APPROACH INDICATORS
. AIR JETS	AIR PI	PACY		ATTITUDE CONTROL
FLUID JETS	UF	HIJACKING		AUTOMATED PILOT ADVISORY SYSTEM
. AIR JETS RT GAS FLOW	RT	AIRCRAFT SAFETY		AUTOMATED RADAR TERMINAL SYSTEM
GAS JETS		AIRPORT SECURITY		BEACON COLLISION AVOIDANCE
JET STREAMS (METEOROLOGY)		CRIME		SYSTEM COLLISION AVOIDANCE
∞ JETS		FLIGHT HAZARDS		COLLISIONS
VAPOR JETS		FLIGHT SAFETY OPERATIONAL HAZARDS		∞ CONTROL
		OPERATIONAL HAZARDS		DISCRETE ADDRESS BEACON SYSTEM
AIR LAUNCHING	AIR SI	LEW MISSILES		FLIGHT ALTITUDE
GS LAUNCHING . AIR LAUNCHING	GS	MISSILES		FLIGHT CONTROL
RT MULTISTAGE ROCKET VEHICLES		AIR SLEW MISSILES		FLIGHT MANAGEMENT SYSTEMS FLIGHT PATHS
PEGASUS AIR-LAUNCHED BOOSTER	RT	MANEUVERABILITY		FLIGHT PLANS
PIGGYBACK SYSTEMS		∞ ROCKETS		FLIGHT RULES
		SOLID PROPELLANT ROCKET ENGINES THRUST VECTOR CONTROL		FLIGHT SAFETY
AIR LAW		THRUST VECTOR CONTROL		FLIGHT TIME
GS LAW (JURISPRUDENCE)	AID TO	O AIR MISSILES		GROUND SUPPORT EQUIPMENT
. INTERNATIONAL LAW	UF	AIR TO AIR ROCKETS		GROUND-AIR-GROUND COMMUNICATION
AIR LAW RT ∞AERONAUTICS	GS	MISSILES		HELIPORTS INSTRUMENT FLIGHT RULES
AIRSPACE		. AIR TO AIR MISSILES		INSTRUMENT LANDING SYSTEMS
CIVIL AVIATION		FALCON MISSILE		LANDING
CONVENTIONS		MATRA MISSILE		LANDING AIDS
INSURANCE (CONTRACTS)		. SIDEWINDER MISSILES		LANDING INSTRUMENTS
LEGAL LIABILITY		SPARROW MISSILES SPARROW 2 MISSILE		LANDING RADAR
LIABILITIES ∞MILITARY AVIATION		SPARROW 2 MISSILE		LOCATES SYSTEM
MATIONAL AIRSPACE UTILIZATION	RT	ANTIAIRCRAFT MISSILES		MICROWAVE LANDING SYSTEMS MIDAIR COLLISIONS
SYSTEM		RAMJET MISSILES		MILITARY AIR FACILITIES
PENALTIES		SIAM MISSILES		NATIONAL AIRSPACE SYSTEM
POLITICS		SPACE WEAPONS		NATIONAL AIRSPACE UTILIZATION
PUBLIC LAW		SURFACE TO AIR MISSILES		SYSTEM
REGULATIONS				NATIONAL AVIATION SYSTEM
SPACE LAW		O AIR REFUELING		NAVIGATION AIDS
AIR LOCKS	GS	REFUELING . AIR TO AIR REFUELING		∞OPERATION3 RADAR NAVIGATION
GS COMPARTMENTS	RT	TANKER AIRCRAFT		HADIO NAVIGATION

## AIR TRAFFIC CONTROLLERS (PERSONNEL)

UR TRA	AFFIC CONTROL-(CONT.)	AIRBUS USE EUROPEAN AIRBUS	AIRCRAFT-(CONT.) B-70 AIRCRAFT
	ROUTES SOLAR COMPASSES	OSE EDNOTEAR ANIBOO	BAC AIRCRAFT
	SURVEILLANCE RADAR	∞ AIRCRAFT	BAC 111 AIRCRAFT
	TAKEOFF	SN. (USE OF A MORE SPECIFIC TERM IS	BALLOONS BEAGLE AIRCRAFT
	TAXIING	RECOMMENDED-CONSULT THE TERMS	9 BEAGLE AIRCRAFT
	TOWERS	LISTED BELOW)	BEECHCRAFT AIRCRAFT
	TRACKING (POSITION)	UF AERODYNAMIC VEHICLES RT A-1 AIRCRAFT	BEECHCRAFT 18 AIRCRAFT
	TRANSPONDERS VORTEX ADVISORY SYSTEM	RT A-1 AIRCRAFT A-2 AIRCRAFT	BELL AIRCRAFT
	VORTEX AVOIDANCE	A-3 AIRCRAFT	BELL 214A HELICOPTER
	VONTEX AVOIDANCE	A-4 AIRCRAFT	BIPLANES BIRD-AIRCRAFT COLLISIONS
IR TRA	AFFIC CONTROLLERS (PERSONNEL)	A-5 AIRCRAFT	BOEING AIRCRAFT
GS	PERSONNEL	A-6 AIRCRAFT	BOEING 707 AIRCRAFT
	AIR TRAFFIC CONTROLLERS	A-7 AIRCRAFT A-9 AIRCRAFT	BOEING 720 AIRCRAFT
_	(PERSONNEL)	A-10 AIRCRAFT	BOEING 727 AIRCRAFT
RT	AIRPORT TOWERS GROUND BASED CONTROL	A-37 AIRCRAFT	BOEING 733 AIRCRAFT
	LANDING AIDS	A-300 AIRCRAFT	BOEING 737 AIRCRAFT BOEING 747 AIRCRAFT
	TRAFFIC CONTROL	ADVANCED RANGE INSTRUMENTATION	BOEING 757 AIRCRAFT
		AIRCRAFT AERODYNAMICS	BOEING 767 AIRCRAFT
	INSPORTATION	AERONAUTICAL ENGINEERING	BOEING 2707 AIRCRAFT
GS	TRANSPORTATION	∞ AERONAUTICS	BOLKOW AIRCRAFT
RT	. AIR TRANSPORTATION AIRLINE OPERATIONS	AEROSPACE ENGINEERING	BOMBER AIRCRAFT BOOSTGLIDE VEHICLES
n:	COMMERCIAL AIRCRAFT	AEROSPACE INDUSTRY	BREGUET AIRCRAFT
	COMMUTER AIRCRAFT	AEROSPACE PLANES AEROSPACE VEHICLES	BREGUET 940 AIRCRAFT
	COMPOUND HELICOPTERS	AGRICULTURAL AIRCRAFT	BREGUET 941 AIRCRAFT
	GENERAL AVIATION AIRCRAFT MARINE TRANSPORTATION	AIR DATA SYSTEMS	BREGUET 1150 AIRCRAFT
	NATIONAL AVIATION SYSTEM	AIRCRAFT ACCIDENT INVESTIGATION	BUCCANEER AIRCRAFT C-1A AIRCRAFT
	PASSENGER AIRCRAFT	AIRCRAFT ACCIDENTS	C-2 AIRCRAFT
	RAPID TRANSIT SYSTEMS	AIRCRAFT ANTENNAS AIRCRAFT APPROACH SPACING	C-5 AIRCRAFT
	SHORT HAUL AIRCRAFT	AIRCRAFT BRAKES	C-8A AUGMENTOR WING AIRCRA
	TRANSPORT AIRCRAFT	AIRCRAFT CARRIERS	C-9 AIRCRAFT C-15 AIRCRAFT
	NE EQUIPMENT	AIRCRAFT COMMUNICATION	C-33 AIRCRAFT
GS	ONBOARD EQUIPMENT	AIRCRAFT COMPARTMENTS AIRCRAFT CONFIGURATIONS	C-35 AIRCRAFT
	AIRBORNE EQUIPMENT	AIRCHAFT CONFIGURATIONS AIRCRAFT CONSTRUCTION MATERIALS	C-46 AIRCRAFT
	AIRBORNE/SPACEBORNE	AIRCRAFT CONTROL	C-4/ AIHCHAFT
	COMPUTERS	AIRCRAFT DESIGN	C-54 AIRCRAFT C-118 AIRCRAFT
	LIGHT AIRBORNE MULTIPURPOSE SYSTEM	AIRCRAFT DETECTION	C-119 AIRCRAFT
	TERCOM	AIRCRAFT ENGINES	C-121 AIRCRAFT
RT	ADVANCED RANGE INSTRUMENTATION	AIRCRAFT EQUIPMENT AIRCRAFT FUEL SYSTEMS	C-123 AIRCRAFT
	AIRCRAFT	AIRCRAFT FUELS	C-124 AIRCRAFT
	AIRCRAFT COMMUNICATION	AIRCRAFT GUIDANCE	C-130 AIRCRAFT C-131 AIRCRAFT
	AIRCRAFT EQUIPMENT ASTROPLANE	AIRCRAFT HAZARDS	C-131 AIRCRAFT
	AUTOMATIC LANDING CONTROL	AIRCRAFT HYDRAULIC SYSTEMS AIRCRAFT INDUSTRY	C-135 AIRCRAFT
	AVIONICS	AIRCRAFT INSTRUMENTS	C-140 AIRCRAFT
	BALLOON-BORNE INSTRUMENTS	AIRCRAFT LANDING	C-141 AIRCRAFT
	∞ ELECTRIC EQUIPMENT ∞ EQUIPMENT	AIRCRAFT LIGHTS	C-160 AIRCRAFT CANADAIR AIRCRAFT
	FLIGHT INSTRUMENTS	AIRCRAFT MAINTENANCE	CANBERRA AIRCRAFT
	HYDRAULIC EQUIPMENT	AIRCRAFT MANEUVERS AIRCRAFT NOISE	CARGO AIRCRAFT
	KUIPER AIRBORNE OBSERVATORY	AIRCRAFT PARTS	CEILING (AIRCRAFT CAPABILITY)
	MAP MATCHING GUIDANCE	AIRCRAFT PERFORMANCE	CESSNA AIRCRAFT CESSNA L-19 AIRCRAFT
	MATTS (SYSTEMS) RADAR EQUIPMENT	AIRCRAFT PILOTS	CESSNA 172 AIRCRAFT
	RADIO EQUIPMENT	AIRCRAFT PRODUCTION AIRCRAFT PRODUCTION COSTS	CESSNA 205 AIRCRAFT
	VACUUM ARC SWITCHES	AIRCRAFT RELIABILITY	CESSNA 402B AIRCRAFT
		AIRCRAFT RUNUP	CHANCE-VOUGHT AIRCRAFT
	RNE INTEGRATED RECONNAISSANCE	AIRCRAFT SAFETY	CHINESE AIRCRAFT
SYSTE	M AIRS (RECONNAISSANCE SYS)	AIRCRAFT SPECIFICATIONS	CL-41 AIRCRAFT CL-44 AIRCRAFT
UF GS	RECONNAISSANCE 313)	AIRCRAFT SPIN AIRCRAFT STABILITY	CL-84 AIRCRAFT
	. AERIAL RECONNAISSANCE	AIRCRAFT STRUCTURES	CL-600 CHALLENGER AIRCRAFT
	. AIRBORNE INTEGRATED	AIRCRAFT SURVIVABILITY	CL-823 AIRCRAFT
	RECONNAISSANCE SYSTEM	AIRCRAFT TIRES	COIN AIRCRAFT COMET 4 AIRCRAFT
RT	GROUND TRUTH PHOTORECONNAISSANCE	AIRCRAFT WAKES	COMERCIAL AIRCRAFT
	SYSTEMS	AIRSHIPS	COMMUTER AIRCRAFT
	TARGETS	ALADIN 2 AIRCRAFT ALOUETTE HELICOPTERS	COMPOUND HELICOPTERS
		ALDOETTE HELICOPTERS ALPHA JET AIRCRAFT	CONCORDE AIRCRAFT
AIRBO	RNE RADAR APPROACH	AMPHIBIOUS AIRCRAFT	CURTISS-WRIGHT AIRCRAFT CV-340 AIRCRAFT
GS	APPROACH	AN-2 AIRCRAFT	CV-340 AIRCHAF1
RT	. AIRBORNE RADAR APPROACH AIR TRAFFIC CONTROL	AN-22 AIRCRAFT AN-24 AIRCRAFT	CV-880 AIRCRAFT
F1.1	AIRCRAFT APPROACH SPACING	ANTISUBMARINE WARFARE AIRCRAF	T CV-990 AIRCRAFT
	HELICOPTER CONTROL	ANTONOV AIRCRAFT	D-558 AIHCHAFT
	HELICOPTERS	ARGOSY MK-1 AIRCHAFT	DASSAULT AIRCRAFT DC 3 AIRCRAFT
	LANDING AIDS	ASSET GLIDERS	DC 7 AIRCRAFT
	RADAR APPROACH CONTROL	ATLIT PROJECT	DC 8 AIRCRAFT
AIDDA	RNE RANGE AND ORBIT DETERMINATION	ATTACK AIRCRAFT AVRO 707 AIRCRAFT	DC 9 AIRCRAFT
UF	AROD (RANGE-ORBIT DETERMINATION)	AWACS AIRCRAFT	DC 10 AIRCRAFT
GS	RANGEFINDING	B-1 AIRCRAFT	DE HAVILLAND AIRCRAFT
-	AIRBORNE RANGE AND ORBIT	B-26 AIRCRAFT	DH 112 AIRCRAFT DH 115 AIRCRAFT
	DETERMINATION	B-47 AIRCRAFT	DH 121 AIRCRAFT
RT	∞ MEASUREMENT	B-50 AIRCRAFT	DH 125 AIRCRAFT
	ORBITS	B-52 AIRCRAFT B-57 AIRCRAFT	DHC 2 AIRCRAFT
	ORNE WARNING AND CONTROL SYSTEM	B-58 AIRCRAFT	DHC 4 AIRCRAFT DHC 5 AIRCRAFT

#### **AIRCRAFT**

		(2017)
AIRCRAFT-(CONT.)	AIRCRAFT-(CONT.)	AIRCRAFT-(CONT.) SCHLEICHER AIRCRAFT
DO-27 AIRCRAFT	JÄGUAR AÍRCRAFT JET AIRCRAFT	SCIMITAR AIRCRAFT
DO-28 AIRCRAFT DO-31 AIRCRAFT	JET AIRCRAFT NOISE	SE-210 AIRCRAFT
DORNIER AIRCRAFT	JET PROVOST AIRCRAFT	SHORT HAUL AIRCRAFT
DOUGLAS AIRCRAFT	JETSTREAM AIRCRAFT	SHORT TAKEOFF AIRCRAFT SIEBEL AIRCRAFT
DRONE AIRCRAFT	JINDIVIK TARGET AIRCRAFT KA-6 SAILPLANES	SIKORSKY AIRCRAFT
E-2 AIRCRAFT E-3A AIRCRAFT	KAMAN AIRCRAFT	SIKORSKY WHIRLWIND HELICOPTER
E-4A AIRCRAFT	KAWASAKI AIRCRAFT	SINGLE ENGINE AIRCRAFT
EARTH RESOURCES SURVEY AIRCRAFT	L-1011 AIRCHAFT	SNOW AIRCRAFT SOLAR POWERED AIRCRAFT
EC-121 AIRCRAFT	L-2000 AIRCRAFT LEAR JET AIRCRAFT	SPANLOADER AIRCRAFT
ELECTRA AIRCRAFT ELECTRONIC AIRCRAFT	LIFTING REENTRY VEHICLES	SR-71 AIRCRAFT
EUROPEAN AIRBUS	LIGHT AIRCRAFT	SUBMERSIBLE AIRCRAFT
F-2 AIRCRAFT	LIGHT HELICOPTERS	∞ SUBSONIC AIRCRAFT SUD AVIATION AIRCRAFT
F-4 AIRCRAFT	LIGHT INTRATHEATER TRANSPORT LIGHT TRANSPORT AIRCRAFT	SUPERSONIC AIRCRAFT
F-5 AIRCRAFT	LING-TEMCO-VOUGHT AIRCRAFT	SUPERSONIC CRUISE AIRCRAFT
F-8 AIRCRAFT F-9 AIRCRAFT	LOCKHEED AIRCRAFT	RESEARCH
F-14 AIRCRAFT	LOCKHEED MODEL 18 AIRCRAFT	T-2 AIRCRAFT T-28 AIRCRAFT
F-15 AIRCRAFT	∞LOW WING AIRCRAFT MAN POWERED AIRCRAFT	T-33 AIRCRAFT
F-16 AIRCRAFT	MARTIN AIRCRAFT	T-37 AIRCRAFT
F-17 AIRCRAFT F-18 AIRCRAFT	MCDONNELL AIRCRAFT	T-38 AIRCRAFT
F-27 AIRCRAFT	MCDONNELL DOUGLAS AIRCRAFT	T-39 AIRCRAFT TACT PROGRAM
F-28 TRANSPORT AIRCRAFT	MERCURE AIRCRAFT	TAILLESS AIRCRAFT
F-84 AIRCRAFT	METEOROLOGICAL RESEARCH AIRCRAFT	TANDEM ROTOR HELICOPTERS
F-86 AIRCRAFT F-89 AIRCRAFT	MH-262 AIRCRAFT	TANDEM WING AIRCRAFT
F-94 AIRCRAFT	MIG AIRCRAFT	TANKER AIRCRAFT
F-100 AIRCRAFT	MIL AIRCRAFT	TARGET DRONE AIRCRAFT TERRAIN FOLLOWING AIRCRAFT
F-101 AIRCRAFT	MILITARY AIR FACILITIES	TEST VEHICLES
F-102 AIRCRAFT F-104 AIRCRAFT	MILITARY HELICOPTERS	TILT ROTOR AIRCRAFT
F-105 AIRCRAFT	MONOPLANES	TILT ROTOR RESEARCH AIRCRAFT
F-106 AIRCRAFT	MRCA AIRCRAFT	PROGRAM TILT WING AIRCRAFT
F-111 AIRCRAFT	MULTIENGINE VEHICLES	TRAINING AIRCRAFT
FAIRCHILD-HILLER AIRCRAFT FAIREY AIRCRAFT	NAVION AIRCRAFT NIGHT FLIGHTS (AIRCRAFT)	TRANSATMOSPHERIC VEHICLES
FAN IN WING AIRCRAFT	NIHON AIRCRAFT	TRANSPORT AIRCRAFT
FD 2 AIRCRAFT	NOISE PREDICTION (AIRCRAFT)	TS-11 AIRCRAFT
FIAT AIRCRAFT	NORD AIRCRAFT	TSR-2 AIRCRAFT TU-104 AIRCRAFT
FIGHTER AIRCRAFT	NORD 1500 AIRCRAFT NORTH AMERICAN AIRCRAFT	TU-124 AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT FLIGHT TEST VEHICLES	NORTHROP AIRCRAFT	TU-134 AIRCRAFT
FLYING PLATFORMS	NUCLEAR PROPELLED AIRCRAFT	TU-144 AIRCRAFT
FOKKER AIRCRAFT	OBSERVATION AIRCRAFT	TU-154 AIRCRAFT TUPOLEV AIRCRAFT
FOLDING FIN AIRCRAFT ROCKET	ONBOARD EQUIPMENT OV-1 AIRCRAFT	TURBOFAN AIRCRAFT
VEHICLE FREE WING AIRCRAFT	OV-10 AIRCRAFT	TURBOPROP AIRCRAFT
FV-12A AIRCRAFT	P-3 AIRCRAFT	U-2 AIRCRAFT
G-1 AIRCRAFT	P-51_AIRCRAFT	U-10 AIRCRAFT ULTRALIGHT AIRCRAFT
G-91 AIRCRAFT	P-160 AIRCRAFT P-166 AIRCRAFT	UNIDENTIFIED FLYING OBJECTS
G-95/4 AIRCRAFT G-222 AIRCRAFT	P-308 AIRCRAFT	UTILITY AIRCRAFT
GA-5 AIRCRAFT	P-1052 AIRCRAFT	V-22 AIRCRAFT
GENERAL AVIATION AIRCRAFT	P-1127 AIRCRAFT	V/STOL AIRCRAFT VALIANT AIRCRAFT
GENERAL DYNAMICS AIRCRAFT GETOL AIRCRAFT	P-1154 AIRCRAFT PA-34 SENECA AIRCRAFT	VAMPIRE MK 35 AIRCRAFT
GLIDERS	PANAVIA MILITARY AIRCRAFT	VATOL AIRCRAFT
GROUND EFFECT MACHINES	PASSENGER AIRCRAFT	VC-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT
GRUMMAN AIRCRAFT	PD-808 AIRCRAFT	VICTOR MK-1 AIRCRAFT
GYRODYNE AIRCRAFT	PHANTOM AIRCRAFT PIAGGIO AIRCRAFT	VISCOUNT AIRCRAFT
H-17 HELICOPTER H-19 HELICOPTER	PIASECKI AIRCRAFT	VJ-101 AIRCRAFT
H-43 HELICOPTER	PILOTLESS AIRCRAFT	VULCAN AIRCRAFT
H-53 HELICOPTER	PIPER AIRCRAFT	VZ-2 AIRCRAFT VZ-8 AIRCRAFT
H-54 HELICOPTER H-56 HELICOPTER	POTEZ AIRCRAFT POWERED LIFT AIRCRAFT	WATER TAKEOFF AND LANDING
H-60 HELICOPTER	PROPULSION	AIRCRAFT
H-126 AIRCRAFT	QUESTOL AIRCRAFT	WEAPONS DELIVERY WEATHER RECONNAISSANCE AIRCRAFT
HAMBURGER AIRCRAFT	RB-50 AIRCRAFT	WESER AIRCRAFT
HANDLEY PAGE AIRCRAFT HANG GLIDERS	RECONNAISSANCE AIRCRAFT REMOTELY PILOTED VEHICLES	WESTLAND AIRCRAFT
HARRIER AIRCRAFT	REPUBLIC AIRCRAFT	WESTLAND GROUND EFFECT MACHINES
HAWKER SIDDELEY AIRCRAFT	RESEARCH AIRCRAFT	WESTLAND WHIRLWIND HELICOPTER
HEAVY LIFT HELICOPTERS	RF-4 AIRCRAFT	WING NACELLE CONFIGURATIONS  WINGED VEHICLES
HEINKEL AIRCRAFT HELICOPTERS	RIGID ROTOR HELICOPTERS ROCKET PLANES	X-1 AIRCRAFT
HELIO AIRCRAFT	ROTARY WING AIRCRAFT	X-2 AIRCRAFT
HFB-320 AIRCRAFT	ROTOR SYSTEMS RESEARCH AIRCRAFT	X-3 AIRCRAFT
HIGHLY MANEUVERABLE AIRCRAFT	ROTORCRAFT AIRCRAFT	X-5 AIRCRAFT X-13 AIRCRAFT
HILLER AIRCRAFT HOVERCRAFT GROUND EFFECT	RYAN AIRCRAFT S-2 AIRCRAFT	X-13 AIRCRAFT
MACHINES	S-3 AIRCRAFT	X-15 AIRCRAFT
HP-115 AIRCRAFT	S-61 HELICOPTER	X-19 AIRCRAFT
HS-748 AIRCRAFT	S-67 HELICOPTER	X-20 AIRCRAFT X-21 AIRCRAFT
HS-801 AIRCRAFT	SA-321 HELICOPTER SA-330 HELICOPTER	X-21 AIMCMAF1 X-21A AIRCRAFT
HUGHES AIRCRAFT HYPERSONIC AIRCRAFT	SA-33U HELICOPTEH SAAB AIRCRAFT	X-22 AIRCRAFT
HYPERSONIC AIRCRAFT	SAAB 37 AIRCRAFT	X-22A AIRCRAFT
IL-14 AIRCRAFT	SAAB 105 AIRCRAFT	X-24 AIRCRAFT
IL-62 AIRCRAFT	SC-1 AIRCRAFT SC-5 AIRCRAFT	X-29 AIRCRAFT XC-142 AIRCRAFT
ILYUSHIN AIRCRAFT INFLATABLE GLIDERS	SC-7 AIRCRAFT	XV-3 AIRCRAFT
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AIRCRAFT ACCIDENT INVESTIGATION AIRCRAFT-(CONT.) AIRCRAFT CONTROL-(CONT.)
ATTITUDE CONTROL AIRCRAFT CABINS XV-4 AIRCRAFT XV-5 AIRCRAFT AIRCRAFT COMPARTMENTS AUTOMATIC CONTROL AUTOMATIC FLIGHT CONTROL XV-8A AIRCRAFT AIRCRAFT CARRIERS
GS SURFACE VEHICLES
. AIRCRAFT CARRIERS XV-9A AIRCRAFT XV-11A AIRCRAFT ∞ CONTROL CONTROL EQUIPMENT
CONTROL SIMULATION
CONTROL STABILITY
CONTROL STICKS
CONTROLLABILITY XV-15 AIRCRAFT WATER VEHICLES . SHIPS YAK 40 AIRCRAFT YC-14 AIRCRAFT . AIRCRAFT CARRIERS YF-12 AIRCRAFT ∞ AIRCRAFT RT DAST PROGRAM
DIRECTIONAL CONTROL
ENGINE CONTROL YF-16 AIRCRAFT ARRESTING GEAR ∞ CARRIERS MILITARY AIR FACILITIES

MILITARY AIRCRAFT

MILITARY VEHICLES AIRCRAFT ACCIDENT INVESTIGATION FLIGHT CONTROL
FLIGHT ENVELOPES
FLIGHT INSTRUMENTS
FLY BY TUBE CONTROL
FLY BY WIRE CONTROL INVESTIGATION . ACCIDENT INVESTIGATION AIRCRAFT ACCIDENT INVESTIGATION NAVY NUCLEAR POWERED SHIPS ∞ AIRCRAFT AVIATION METEOROLOGY GROUND BASED CONTROL LATERAL CONTROL LONGITUDINAL CONTROL AIRCRAFT COMMUNICATION
GS COMMUNICATING
. AIRCRAFT COMMUNICATION INSURANCE (CONTRACTS) AIRCRAFT ACCIDENTS MANEUVERABILITY
MANUAL CONTROL
MINOR CIRCLE TURNING FLIGHT TELECOMMUNICATION

AIRCRAFT COMMUNICATION AIRCRAFT ACCIDENTS
BIRD-AIRCRAFT COLLISIONS AERONAUTICAL SATELLITES AIR TRAFFIC CONTROL AIRBORNE EQUIPMENT RT ACCIDENTS PILOT INDUCED OSCILLATION RADIO CONTROL ∞ AIRCRAFT AIRCRAFT SAFETY REMOTE CONTROL
STABILITY AUGMENTATION
TURBOJET ENGINE CONTROL ∞ AIRCRAFT APPROACH CONTROL AVIATION METEOROLOGY COLLISIONS CRASH LANDING AVIONICS VISUAL CONTROL GROUND-AIR-GROUND COMMUNICATION CRASHES
CRASHWORTHINESS
DITCHING (LANDING) RADAR BEACONS AIRCRAFT DESIGN
GS AIRCRAFT DESIGN
HELICOPTER DESIGN RADIO COMMUNICATION FLIGHT HAZARDS
FLIGHT SAFETY
HUMAN FACTORS ENGINEERING
INSURANCE (CONTRACTS)
MALFUNCTIONS WIRELESS COMMUNICATION ACOUSTIC RETROFITTING
AERODYNAMIC CONFIGURATIONS
AEROELASTIC RESEARCH WINGS
AERONAUTICAL ENGINEERING
AERODUATIC VEHICLES AIRCRAFT COMPARTMENTS RT AIRCRAFT CABINS
AIRCRAFT INTERIORS MIDAIR COLLISIONS PILOT ERROR GS COMPARTMENTS AIRCRAFT COMPARTMENTS AIRCRAFT BT WEATHER BAYS (STRUCTURAL UNITS) CHANNEL WINGS AIRCRAFT ANTENNAS COMPOUND HELICOPTERS COMPUTER AIDED DESIGN ANTENNAS CONTROL CONFIGURED VEHICLES
DAST PROGRAM AIRCRAFT ANTENNAS **GONDOLAS** AIRCRAFT LOOP ANTENNAS PRESSURIZED CABINS ∞ DESIGN WINDSHIELDS MICROWAVE ANTENNAS MISSILE ANTENNAS PROTUBERANCES ENGINE AIRFRAME INTEGRATION ENGINE DESIGN FLIGHT TESTS AIRCRAFT CONFIGURATIONS

UF FIXED-WING AIRCRAFT
GS AIRCRAFT CONFIGURATIONS
. DROOPED AIRFOILS RADAR ANTENNAS RADIO ANTENNAS FREE WING AIRCRAFT LOFTING MISSILE DESIGN
PANAVIA MILITARY AIRCRAFT
PRODUCT DEVELOPMENT RT AERODYNAMIC CONFIGURATIONS AERODYNAMIC INTERFERENCE AIRCRAFT APPROACH SPACING ∞ AIRCRAFT ROTOR SYSTEMS RESEARCH AIRCRAFT SHORT HAUL AIRCRAFT COMPOUND HELICOPTERS
CONFIGURATIONS
CONTROL CONFIGURED VEHICLES AIRCRAFT APPROACH SPACING AERONAUTICAL SATELLITES STREAMLINING AIR TRAFFIC CONTROL STRUCTURAL DESIGN SYSTEMS ENGINEERING FLARED BODIES FLIGHT VEHICLES JOINED WINGS AIRBORNE RADAR APPROACH ∞ AIRCRAFT TERMINAL CONFIGURED VEHICLE PROGRAM TRANSATMOSPHERIC VEHICLES AIRCRAFT SAFETY AIRSPACE LOW WING AIRCRAFT
MISSILE CONFIGURATIONS **APPROACH** TU-154 AIRCRAFT VORTEX SHEETS WEIGHT REDUCTION PROPULSION SYSTEM CONFIGURATIONS APPROACH CONTROL COLLISION AVOIDANCE SPACECRAFT CONFIGURATIONS UNDER SURFACE BLOWING
UPPER SURFACE BLOWING
WING ROOTS FLIGHT SAFETY YF-12 AIRCRAFT GLIDE PATHS GROUND BASED CONTROL AIRCRAFT DETECTION INSTRUMENT APPROACH
NATIONAL AIRSPACE UTILIZATION DETECTION . AIRCRAFT DETECTION AIRCRAFT CONSTRUCTION SYSTEM USE AIRCRAFT STRUCTURES NATIONAL AVIATION SYSTEM VORTEX ADVISORY SYSTEM VORTEX AVOIDANCE **∞AIRCRAFT** ∞ DETECTORS AIRCRAFT CONSTRUCTION MATERIALS IFF SYSTEMS (IDENTIFICATION)
INFRARED SUPPRESSION
TRACKING (POSITION) AIRCRAFT CONSTRUCTION MATERIALS GS . AIRFRAME MATERIALS ... AIRCRAFT AIRCRAFT BASES
USE MILITARY AIR FACILITIES **AIRFRAMES** AIRCRAFT ENGINES

UF AIRCRAFT POWER SOURCES

GS AIRCRAFT ENGINES

. CONVERTIBLE FAN-SHAFT ENGINES
. HELICOPTER ENGINES CERAMIC MATRIX COMPOSITES COMPOSITE MATERIALS ∞ CONSTRUCTION MATERIALS AIRCRAFT BRAKES BRAKES (FOR ARRESTING MOTION)
. AIRCRAFT BRAKES
. . SPLIT FLAPS FUSELAGES LITHIUM ALLOYS MATERIALS
PLASTIC AIRCRAFT STRUCTURES J-52 ENGINE WING FLAPS . LEADING EDGE SLATS J-58 ENGINE SKIN (STRUCTURAL MEMBER) TRAILING EDGE FLAPS STRUCTURAL MEMBERS T-34 ENGINE AERODYNAMIC BRAKES WINGS T-38 ENGINE ~ AIRCRAFT T-55 ENGINE ANTISKID DEVICES T-63 ENGINE AIRCRAFT CONTROL BALLUTES
DRAG CHUTES
DRAG DEVICES
THRUST REVERSAL
TOWED BODIES FLAP CONTROL AIRCRAFT CONTROL T-76 ENGINE GS T-78 ENGINE

HELICOPTER CONTROL

ACTIVE CONTROL AIR START

∞ AIRCRAFT

ВT

TF-30 ENGINE

TF-34 ENGINE TF-41 ENGINE

VARIABLE CYCLE ENGINES

WHEEL BRAKES

#### AIRCRAFT NOISE

NDC04	AFT ENGINES-(CONT.)	AIRCRAFT HANGARS	AIRCRAFT LANDING-(CONT.)
IIIONA	VARIABLE STREAM CONTROL ENGINES	USE HANGARS	ALL-WEATHER LANDING SYSTEMS
RT	ACEE PROGRAM		BLIND LANDING CEILINGS (METEOROLOGY)
	AIR START	AIRCRAFT HAZARDS	CONTROLLABILITY
	∞AIRCRAFT	GS HAZARDS	CRASHWORTHINESS
	ENGINE AIRFRAME INTEGRATION GAS TURBINE ENGINES	. AIRCRAFT HAZARDS RT AIR TRAFFIC	GLIDE LANDINGS
	HYDROGEN ENGINES	∞ AIRCRAFT	HARD LANDING
	INFRARED SUPPRESSION	AVIATION METEOROLOGY	INSTRUMENT LANDING SYSTEMS
	INTERNAL COMBUSTION ENGINES	BIRD-AIRCRAFT COLLISIONS	LANDING AIDS LANDING MATS
	JET ENGINES	BIRDS	LANDING RADAR
	JET PROPULSION LASER PROPULSION	COLLISIONS CRASH LANDING	LOW VISIBILITY
	NUCLEAR PROPULSION	CRASHES	MICROWAVE LANDING SYSTEMS
	PISTON ENGINES	FLIGHT HAZARDS	RUNWAY ALIGNMENT
	∞ POWER SUPPLIES	FLIGHT SAFETY	SOFT LANDING SPACECRAFT LANDING
	QUIET ENGINE PROGRAM	FOREIGN BODIES	TAKEOFF
	ROCKET ENGINES ROTARY ENGINES	HUMAN FACTORS ENGINEERING MALFUNCTIONS	TOUCHDOWN
	T-58 ENGINE	MIDAIR COLLISIONS	VERTICAL LANDING
	T-58-GE-8B ENGINE	NOISE (SOUND)	VORTEX AVOIDANCE
	TOPPING CYCLE ENGINES	OPERATIONAL HAZARDS	WATER LANDING
	TURBINE ENGINES	REFUELING	AUDODAFT I AUDOUING DEVICES
	WANKEL ENGINES	THREAT EVALUATION TOXIC HAZARDS	AIRCRAFT LAUNCHING DEVICES  UF TAKEOFF SYSTEMS
		WEATHER	GS LAUNCHERS
AIRCR/	AFT EQUIPMENT	712777	AIRCRAFT LAUNCHING DEVICES
GS	ONBOARD EQUIPMENT	AIRCRAFT HYDRAULIC SYSTEMS	JATO ENGINES
	AIRCRAFT EQUIPMENT	GS HYDRAULIC EQUIPMENT	RT CATAPULTS
	BOMBING EQUIPMENT EJECTION SEATS	. AIRCRAFT HYDRAULIC SYSTEMS	
	FLYING EJECTION SEATS	RT ACTUATORS	AIRCRAFT LIGHTS
	TERCOM	∞ AIRCRAFT AIRCRAFT EQUIPMENT	GS LIGHTING EQUIPMENT . LUMINAIRES
RT	AIRBORNE EQUIPMENT	SERVOCONTROL	. AIRCRAFT LIGHTS
	∞ AIRCRAFT	SERVOMECHANISMS	RT ∞AIRCRAFT
	AIRCRAFT HYDRAULIC SYSTEMS	∞ SYSTEMS	AIRCRAFT EQUIPMENT
	AIRCRAFT LIGHTS AIRCRAFT POWER SUPPLIES		BEACONS
	AIRCRAFT TIRES	AIRCRAFT INDUSTRY	
	AUTOMATIC LANDING CONTROL	GS INDUSTRIES . AEROSPACE INDUSTRY	AIRCRAFT MAINTENANCE
	AUTOMATIC PILOTS	. AIRCRAFT INDUSTRY	GS MAINTENANCE . AIRCRAFT MAINTENANCE
	AVIONICS	RT AERONAUTICAL ENGINEERING	RT ∞AIRCRAFT
	COMMONALITY DISPLAY DEVICES	∞ AIRCRAFT	CHECKOUT
	∞ EQUIPMENT	AIRCRAFT PRODUCTION COSTS	FLIGHT OPERATIONS
	FLIGHT INSTRUMENTS		GROUND SUPPORT EQUIPMENT
	LANDING AIDS	AIRCRAFT INSTRUMENTS GS AIRCRAFT INSTRUMENTS	LOGISTICS
	LANDING INSTRUMENTS	. APPROACH INDICATORS	AIRCRAFT MANEUVERS
	LIGHT AIRBORNE MULTIPURPOSE	. AUTOMATIC PILOTS	GS MANEUVERS
	SYSTEM NAVIGATION AIDS	. FLIGHT RECORDERS	. AIRCRAFT MANEUVERS
	NAVIGATION INSTRUMENTS	. RATE OF CLIMB INDICATORS	RT ∞AIRCRAFT
	RADIO DIRECTION FINDERS	RT AIRBORNE SURVEILLANCE RADAR	APPROACH CONTROL
		ALTIMETERS ANEMOMETERS	FLIGHT CHARACTERISTICS
A IDOD	AFT FUEL SYSTEMS	ATTITUDE INDICATORS	FLIGHT ENVELOPES FLIGHT PATHS
GS	FUEL SYSTEMS	AUTOMATIC FLIGHT CONTROL	HIGHLY MANEUVERABLE AIRCRAFT
-	AIRCRAFT FUEL SYSTEMS	AVIONICS	MANEUVERABILITY
RT	∞ AIRCRAFT	COMPASSES	OBSTACLE AVOIDANCE
	FUEL PUMPS	DISPLAY DEVICES FLIGHT CONTROL	TRAJECTORY OPTIMIZATION
	FUEL TANK PRESSURIZATION	FLIGHT CONTROL FLIGHT INSTRUMENTS	TRANSITION FLIGHT TURNING FLIGHT
	FUEL TANKS FUEL VALVES	FLIGHT PATHS	TORNING FEIGHT
	∞ SYSTEMS	FLIGHT TEST INSTRUMENTS	AIRCRAFT MODELS
		INDICATING INSTRUMENTS	GS MODELS
	AFT FUELS	INSTRUMENT APPROACH INSTRUMENT LANDING SYSTEMS	. AIRCRAFT MODELS
GS	FUELS	winstruments	RT DYNAMIC MODELS
	. CHEMICAL FUELS	I2S CAMERAS	MATHEMATICAL MODELS POWERED MODELS
	LIQUID FUELS	LANDING AIDS	SCALE MODELS
	AIRCRAFT FUELS	LANDING INSTRUMENTS	SEMISPAN MODELS
RT	∞ AIRCRAFT ANTIMISTING FUELS	LASER ALTIMETERS	SPACECRAFT MODELS
	AUTOMOBILE FUELS	LIGHT EMITTING DIODES	WIND TUNNEL MODELS
	HYDROCARBON FUELS	MEASURING INSTRUMENTS	
	JET ENGINE FUELS	MONITORS	AIRCRAFT NOISE  GS ELASTIC WAVES
	LIQUID ROCKET PROPELLANTS	NAVIGATION AIDS	. SOUND WAVES
	MONOPROPELLANTS	NAVIGATION INSTRUMENTS	NOISE (SOUND)
	SLURRY PROPELLANTS SOLID PROPELLANTS	POSITION INDICATORS RADAR	AIRCRAFT NOISE
	TANKER AIRCRAFT	RADIO ALTIMETERS	BLADE SLAP NOISE
		RECORDING INSTRUMENTS	JET AIRCRAFT NOISE
A100-	AET CUIDANCE	SPEED INDICATORS	PROPELLER NOISE
AIRCR/ GS	AFT GUIDANCE GUIDANCE (MOTION)	TACHOMETERS	RT ACOUSTIC RETROFITTING
u <sub>0</sub>	. AIRCRAFT GUIDANCE		AEROACOUSTICS
RT	AIR TRAFFIC CONTROL	AIRCRAFT INTERIORS	AERODYNAMIC NOISE
	∞ AIRCRAFT	USE AIRCRAFT COMPARTMENTS	∞ AIRCRAFT
	APPROACH CONTROL	AIDCDAST I ANDING	COAXIAL NOZZLES ENGINE NOISE
	AUTOMATED EN ROUTE ATC	AIRCRAFT LANDING GS LANDING	FOOTPRINTS
	COLLISION AVOIDANCE	. AIRCRAFT LANDING	JET AIRCRAFT
	INSTRUMENT LANDING SYSTEMS	CRASH LANDING	MUFFLERS
	RADAR APPROACH CONTROL	DITCHING (LANDING)	NOISE INTENSITY
	RADAR NAVIGATION	SKID LANDINGS	NOISE BEEDICTION (AIRCRAFT)
	RADARSCOPES  RADIO MANICATION	RT AIR CUSHION LANDING SYSTEMS  ∞ AIRCRAFT	NOISE PREDICTION (AIRCRAFT) NOISE REDUCTION
	RADIO NAVIGATION	CONTO INFI	

#### AIRCRAFT NOISE PREDICTION

AIRCRAFT NOISE-(CONT.) SYNCHRÖPHASING

AIRCRAFT NOISE PREDICTION NOISE PREDICTION (AIRCRAFT)

**AIRFOILS** AIRFRAMES
CHANNEL WINGS
CONTROL SURFACES CONTROL SUPPRICES
FUSELAGES
LANDING GEAR
OBLIQUE WINGS
PROTUBEFANCES
SWING TAIL ASSEMBLIES
SWING WINGS
TAIL ASSEMBLIES TAIL ASSEMBLIES

WINGS

AIRCRAFT PERFORMANCE
GS AIRCRAFT PERFORMANCE
HELICOPTER PERFORMANCE AERODYNAMIC STALLING ∞ AIRCRAFT AIRCRAFT SPIN AIRSPEED CONTROLLABILITY DISTANCE FLIGHT CHARACTERISTICS FLIGHT ENVELOPES MANEUVERABILITY MINIMUM DRAG PAYLOADS PERFORMANCE
PILOT PERFORMANCE SPECIFICATIONS TAKEOFF RUNS

AIRCRAFT PILOTS **AVIATORS** COPILOTS JET PILOTS PERSONNEL FLYING PERSONNEL GS PILOTS (PERSONNEL)
. AIRCRAFT PILOTS
. TEST PILOTS OPERATORS (PERSONNEL)
. PILOTS (PERSONNEL)
. AIRCRAFT PILOTS TEST PILOTS ∞ AIRCRAFT RT AVIATION PSYCHOLOGY FLIGHT CREWS

AIRCRAFT POWER SOURCES
USE AIRCRAFT ENGINES

AIRCRAFT PRODUCTION FUSELAGE MOUNTING

~PILOTS

∞ AIRCRAFT PT COSTS EQUIPMENT SPECIFICATIONS
PRODUCT DEVELOPMENT ∞ PRODUCTION
PRODUCTION ENGINEERING

AIRCRAFT PRODUCTION COSTS

AIRCRAFT PRODUCTION COSTS PRODUCTION COSTS
AIRCRAFT PRODUCTION COSTS

AIRCRAFT AIRCRAFT INDUSTRY COST ESTIMATES

∞ ENGINEERING FINANCIAL MANAGEMENT INDUSTRIES MANUFACTURING
PRODUCTION ENGINEERING
PRODUCTION MANAGEMENT PRODUCTIVITY

AIRCRAFT RELIABILITY

AIRWORTHINESS
AIRWORTHINESS REQUIREMENTS RELIABILITY GS AIRCRAFT RELIABILITY

RT AIRCRAFT CERTIFICATION CIRCUIT RELIABILITY AIRCRAFT RELIABILITY-(CONT.)
COMPONENT RELIABILITY HELICOPTER PERFORMANCE QUALITY CONTROL STRUCTURAL RELIABILITY VULNERABILITY

AIRCRAFT RUNUP

PREFLIGHT OPERATIONS
. AIRCRAFT RUNUP ∞ AIRCRAFT ENGINE NOISE ENGINE TESTS

GROUND TESTS
JET AIRCRAFT NOISE

AIRCRAFT SAFETY SAFETY GS

AIRCRAFT SAFETY ABORT APPARATUS AEROSPACE SAFETY RT AIR PIRACY AIR TRAFFIC CONTROL ® AIRCRAFT
AIRCRAFT ACCIDENTS
AIRCRAFT APPROACH SPACING AIRCRAFT SPIN ALL-WEATHER LANDING SYSTEMS ARRESTING GEAR BEACON COLLISION AVOIDANCE SYSTEM

COLLISION AVOIDANCE COLLISIONS CRASH LANDING CRASHES CRASHWORTHINESS EJECTION SEATS FLIGHT HAZARDS
FLIGHT SAFETY
FLYING EJECTION SEATS LANDING AIDS

MICROWAVE LANDING SYSTEMS MIDAIR COLLISIONS NATIONAL AIRSPACE SYSTEM NAVIGATION AIDS SAFETY DEVICES SOLAR COMPASSES

THREAT EVALUATION WEATHER WHEEL BRAKES

AIRCRAFT SPECIFICATIONS

SPECIFICATIONS
AIRCRAFT SPECIFICATIONS

**∞ AIRCRAFT** AIRSPEED CEILING (AIRCRAFT CAPABILITY)
CONTROLLABILITY DISTANCE FLIGHT CHARACTERISTICS **PAYLOADS** 

AIRCRAFT SPIN

AERODYNAMIC STALLING ∞ AIRCRAFT
AIRCRAFT PERFORMANCE AIRCRAFT SAFETY CONTROL STABILITY CRASH LANDING FLIGHT HAZARDS FLIGHT SAFETY HAZARDS MANEUVERS

SPIN DYNAMICS

AIRCRAFT STABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
AIRCRAFT STABILITY HOVERING STABILITY STABILITY DYNAMIC STABILITY MOTION STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
AERODYNAMIC BALANCE
AERODYNAMIC STABILITY RT ∞ AIRCRAFT ATTITUDE STABILITY

BUFFETING

CONTROL STABILITY
CONTROLLABILITY

AIRCRAFT STABILITY-(CONT.)
COUNTERBALANCES DIRECTIONAL STABILITY FLIGHT ENVELOPES HORIZONTAL FLIGHT LATERAL STABILITY LIQUID SLOSHING LONGITUDINAL STABILITY LOW SPEED STABILITY
PILOT INDUCED OSCILLATION STATIC STABILITY STRUCTURAL STABILITY TURNING FLIGHT UPPER SURFACE BLOWN FLAPS WIND TUNNEL STABILITY TESTS

AIRCRAFT STRUCTURES

AIRCRAFT CONSTRUCTION
AIRCRAFT STRUCTURES UF GS

AIRFRAMES FUSELAGES
PLASTIC AIRCRAFT STRUCTURES

AERODYNAMIC INTERFERENCE

AEROELASTICITY AFTERBODIES ∞ AIRCRAFT AIRFOILS

BORON-EPOXY COMPOSITES CANARD CONFIGURATIONS

CANOPIES CENTERBODIES CHANNEL WINGS CONTROL SURFACES FAIRINGS FOREBODIES HULLS (STRUCTURES) INTERFERENCE FIT
LEADING EDGE FLAPS
NOSES (FOREBODIES)
OBLIQUE WINGS
PYLON MOUNTING

SHELLS (STRUCTURAL FORMS) SPACECRAFT STRUCTURES STREAMLINING

STRUCTURES
SWING TAIL ASSEMBLIES SWING WINGS TAIL ASSEMBLIES WINGS

AIRCRAFT SURVIVABILITY

∞ AIRCRAFT COMBAT ∞ CONSTRUCTION MATERIALS DURABILITY FLIGHT CONTROL HELICOPTERS
LIFE (DURABILITY)

MILITARY AIRCRAFT
PLASTIC AIRCRAFT STRUCTURES
REINFORCED PLASTICS RELIABILITY SPACECRAFT SURVIVABILITY

SURVIVAL SURVIVAL EQUIPMENT VULNERABILITY

**AIRCRAFT TIRES** 

TIRES GS AIRCRAFT TIRES PI AIRCRAFT

AIRCRAFT EQUIPMENT LANDING GEAR VEHICLE WHEELS

AIRCRAFT WAKES WAKES

AIRCRAFT WAKES
. HELICOPTER WAKES SLIPSTREAMS

PROPELLER SLIPSTREAMS

∞ AIRCRAFT HYPERSONIC WAKES SUPERSONIC WAKES TURBULENT WAKES
VORTEX ADVISORY SYSTEM
VORTEX ALLEVIATION

AIRFIELD SURFACE MOVEMENTS

MOBILE LOUNGES

AIR CARGO AIRPORTS HANGARS MATERIALS HANDLING

	CONT I	AIDEOII S	-(CONT.)	AIRFOILS	-(CONT.)
AIRFIELD SURI	FACE MOVEMENTS-(CONT.)		. SPOILERS		VANES
∞ SURF	****		SUPERCHITICAL AIRFOILS		WAVERIDERS
TAXIII			SUPERCRITICAL WINGS . SUPERSONIC AIRFOILS		WEDGES
			. TABS (CONTROL SURFACES)	AIRFRAN	ÆS
AIRFIELDS	note:		. THIN AIRFOILS	GS	AIRCRAFT STRUCTURES
USE AIRPO	OHIS		THIN WINGS		AIRFRAMES
AIRFOIL CHAR	ACTERISTICS		INFINITE SPAN WINGS		FRAMES . AIRFRAMES
USE AIRFO			. WINGS AEROELASTIC RESEARCH WINGS	RT	AIRCRAFT CONSTRUCTION MATERIALS
			. CAMBERED WINGS	• • • •	AIRCRAFT PARTS
AIRFOIL FENC			CARET WINGS		AIRFRAME MATERIALS
GS AIRFO	FOIL FENCES		CHANNEL WINGS CRUCIFORM WINGS		BAYS (STRUCTURAL UNITS) CANOPIES
RT BOUN	DARY LAYER CONTROL		FIXED WINGS		CONTROL SURFACES
∞ FENC	ES		. FLEXIBLE WINGS		ENGINE AIRFRAME INTEGRATION
	EX GENERATORS		PARAWINGS		FINS
WING	iS		GAW-1 AIRFOIL		FUSELAGES
AIRFOIL OSCIL	LATIONS		GAW-2 AIRFOIL JOINED WINGS		LANDING GEAR MISSILE BODIES
	LLATIONS		LOW ASPECT RATIO WINGS		MISSILE STRUCTURES
. AIR	FOIL OSCILLATIONS		DELTA WINGS		NACELLES
	ING OSCILLATIONS		TRAPEZOIDAL WINGS		PROTUBERANCES
	DDYNAMIC STABILITY		MISSION ADAPTIVE WINGS		TAIL ASSEMBLIES
FLAPI	DELASTICITY PING		OBLIQUE WINGS RIGID WINGS		WING NACELLE CONFIGURATIONS WINGS
FLUT			ROTARY WINGS		WINGS
	TER ANALYSIS		CIRCULATION CONTROL ROTORS	AIRGEEP	AIRCRAFT
	RY STABILITY		LIFTING ROTORS		VZ-8 AIRCRAFT
	ICTURAL VIBRATION		BEARINGLESS ROTORS		
	AMPED OSCILLATIONS ATION		RIGID ROTORS		OPERATIONS
	ATION MODE		TIP DRIVEN ROTORS	RT	AIR CARGO
******			X WING ROTORS		AIR TRAFFIC AIR TRANSPORTATION
AIRFOIL PROF	ILES		SLENDER WINGS		CIVIL AVIATION
	DOYNAMIC CHORDS		INFINITE SPAN WINGS		COMMERCIAL AIRCRAFT
	DIL SECTIONS		SUPERCRITICAL WINGS		OPERATING COSTS
	DIL THICKNESS IK Y AIRFOIL		SWEPT WINGS		OPERATIONAL PROBLEMS
	OIL PROFILES		TRAPEZOIDAL WINGS	œ	OPERATIONS
	IG PROFILES		SWEPTBACK WINGS		PASSENGERS SHORT HAUL AIRCRAFT
	ING SPAN		ARROW WINGS		SHOTT TRUE AMOUNT
	DOYNAMIC INTERFERENCE		DELTA WINGS	AIRLOCK	MODULES
AIRFO			TRAPEZOIDAL WINGS	GS	MODULES
	E TIPS SS SECTIONS		SWING WINGS		AIRLOCK MODULES
	OWSKI TRANSFORMATION		INFINITE SPAN WINGS	RT	AIR LOCKS
KUTT	A-JOUKOWSKI CONDITION		TWISTED WINGS		APOLLO APPLICATIONS PROGRAM MULTIPLE DOCKING ADAPTERS
	THILL METHOD		UNCAMBERED WINGS		SATURN WORKSHOPS
	TIPS		RING WINGS		SATURN 1 WORKSHOP
∞ PROF	AMLINING		INFINITE SPAN WINGS		SATURN 5 WORKSHOP
	RCRITICAL AIRFOILS		RECTANGULAR WINGS		SKYLAB PROGRAM
	DORSEN TRANSFORMATION		RING WINGS		SKYLAB 1 SKYLAB 2
	KNESS		VARIABLE SWEEP WINGS		SKYLAB 3
	(NESS RATIO	RT	AERODYNAMIC CONFIGURATIONS		SKYLAB 4
	AIRFOILS WINGS		AERODYNAMICS AIRCRAFT DESIGN		SPACECRAFT DOCKING MODULES
TIPS	WINGS		AIRCRAFT DESIGN AIRCRAFT PARTS		
WEDO	GES		AIRCRAFT STRUCTURES		BEACONS
WING	TIPS		AIRFOIL PROFILES	GS	LANDING AIDS . AIRPORT BEACONS
			ASPECT RATIO		. DISCRETE ADDRESS BEACON
AIRFOIL SECT			BLADE-VORTEX INTERACTION		SYSTEM
USE AIRFO	JIL PHOFILES	oc	BLADES BLUNT LEADING EDGES		NAVIGATION AIDS
AIRFOIL THICK	(NESS		BLUNT TRAILING EDGES		. BEACONS
	DIL PROFILES		BODY-WING CONFIGURATIONS		DISCRETE ADDRESS BEACON
			CAMBER		SYSTEM
AIRFOILS			CONTROL SURFACES DEICERS	RT	RADIO BEACONS
	OIL CHARACTERISTICS		DEICING		SOLAR COMPASSES
	RIAL RUDDERS		FINS		
	ERONS	ac	FOILS	AIRPORT GS	LIGHTS LANDING AIDS
	APERONS		FOILS (MATERIALS)	ds	. AIRPORT LIGHTS
	POILER SLOT AILERONS		GUIDE VANES HYDROFOILS		RUNWAY LIGHTS
	FOIL FENCES		INTERACTIONAL AERODYNAMICS		LIGHTING EQUIPMENT
	CULATION CONTROL AIRFOILS RCULATION CONTROL ROTORS		JET VANES		LUMINAIRES
	OOPED AIRFOILS		LEADING EDGE THRUST		. AIRPORT LIGHTS
	EVATORS (CONTROL SURFACES)		LEADING EDGES	RT	RUNWAY LIGHTS SEARCHLIGHTS
	VONS		LIFT LIFTING BODIES	***	SEATOREIGHTO
	(PS (CONTROL SURFACES) (TERNALLY BLOWN FLAPS		LIGHTHILL METHOD	AIRPORT	PLANNING
	UPPER SURFACE BLOWN FLAPS		MONOPLANES	GS	PLANNING
	APERONS		ROTOR BLADES (TURBOMACHINERY)		AIRPORT PLANNING
JE	T FLAPS		ROTORS	RT	GROUND SUPPORT EQUIPMENT
SF	PLIT FLAPS		RUDDERS		HELIPORTS LAND USE
	ING FLAPS		SHARP LEADING EDGES STABILIZERS (FLUID DYNAMICS)		SITES
	LEADING EDGE FLAPS LEADING EDGE SLATS		STREAMLINED BODIES		
	TRAILING EDGE SLATS		STREAMLINING	AIRPORT	SECURITY
	VORTEX FLAPS		TAIL ASSEMBLIES	GS	SECURITY
. HO	RIZONTAL TAIL SURFACES		THICKNESS RATIO		AIRPORT SECURITY
	MINAR FLOW AIRFOILS		TRAILING EDGES	RT	AIR PIRACY AIRPORTS
, PRO	OPELLER BLADES		TURBOMACHINE BLADES		AIRIONIO

#### AIRPORT SURFACE DETECTION EQUIPMENT

AIRPORT SECURITY-(CONT.) PROTECTION VULNERABILITY

AIRPORT SURFACE DETECTION EQUIPMENT

RT

AIR TRAFFIC CONTROL ∞ EQUIPMENT GROUND BASED CONTROL RADAR EQUIPMENT

SEARCH RADAR ∞ SURFACES SURVEILLANCE RADAR

AIRPORT TOWERS

TOWERS

GS AIRPORT TOWERS AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROLLERS RT

(PERSONNEL) **AIRPORTS** 

GROUND BASED CONTROL

HELIPORTS LANDING AIDS TRAFFIC CONTROL

**AIRPORTS** 

UF **AIRFIELDS** GS AIRPORTS HELIPORTS RT ∞AERONAUTICS
AIR TRAFFIC CONTROL

AIRFIELD SURFACE MOVEMENTS AIRPORT SECURITY AIRPORT TOWERS

FACILITIES HANGARS

INSTRUMENT LANDING SYSTEMS

LANDING AIDS
LANDING MATS
MILITARY AIR FACILITIES
MOBILE LOUNGES

MOORING NATIONAL AIRSPACE SYSTEM NAVIGATION AIDS

RUNWAYS SITE SELECTION

~STRIP

AIRS (RECONNAISSANCE SYS)
USE AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM

AIRSHIPS

**AEROSTATS** DIRIGIRI ES AIRSHIPS GS

HEAVY LIFT AIRSHIPS

∞ AIRCRAFT BALLOONS GONDOLAS

INFLATABLE STRUCTURES **∞MILITARY AIRCRAFT** 

**AIRSPEED** 

RATES (PER TIME)
. AIRSPEED GS

VELOCITY AIRSPEED

AERODYNAMIC STALLING ĦΤ AIRCRAFT PERFORMANCE AIRCRAFT SPECIFICATIONS BOUNDARY LAYER SEPARATION FLIGHT CHARACTERISTICS GROUND SPEED HIGH SPEED LOW SPEED MACH NUMBER

AIRWORTHINESS

AIRCRAFT RELIABILITY

WIND VELOCITY

AIRWORTHINESS REQUIREMENTS AIRCRAFT RELIABILITY

ALADIN 2 AIRCRAFT

TRANSPORT AIRCRAFT ALADIN 2 AIRCRAFT V/STOL AIRCRAFT
. SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT RT ∞ AIRCRAFT

ALARM PROJECT

AUTOMATIC LIGHT AIRCRAFT UF READINESS MONITOR

PROGRAMS GS . PROJECTS

ALARM PROJECT

RT MONITORS

ALFVEN WAVES

MAGNETOHYDRODYNAMIC WAVES USF

ALKYLATES

**ESTERS** ALKYLATES ALKYLATION

ALL-WEATHER AIR NAVIGATION
GS NAVIGATION

. AIR NAVIGATION

... ALL-WEATHER AIR NAVIGATION DOPPLER NAVIGATION RT INERTIAL NAVIGATION NAVIGATION AIDS RADAR NAVIGATION RADIO NAVIGATION SOLAR COMPASSES

ALL-WEATHER LANDING SYSTEMS
GS LANDING AIDS

INSTRUMENT LANDING SYSTEMS ... ALL-WEATHER LANDING SYSTEMS AIRCRAFT LANDING

RT AIRCRAFT SAFETY FLIGHT SAFETY LOW VISIBILITY SYSTEMS

ALMUCANTAR

ELEVATION ANGLE

ALOUETTE HELICOPTERS

GS SUD AVIATION AIRCRAFT ALOUETTE HELICOPTERS SA-330 HELICOPTER SE-3160 HELICOPTER V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT

**HELICOPTERS** ALOUETTE HELICOPTERS . SA-330 HELICOPTER

SE-3160 HELICOPTER ∞ AIRCRAFT

ALOUETTE 3 HELICOPTER

SE-3160 HELICOPTER

ALPHA JET AIRCRAFT GS ATTACK AIRCRAFT FIGHTER AIRCRAFT ALPHA JET AIRCRAFT JET AIRCRAFT ALPHA JET AIRCRAFT TRAINING AIRCRAFT
ALPHA JET AIRCRAFT

∞ AIRCRAFT

∞ MILITARY AIRCRAFT

ALS (LAUNCH SYSTEM)
USE ADVANCED LAUNCH SYSTEM (STS)

ALTERNATING DIRECTION IMPLICIT METHODS

GS

ADI METHODS
PROBLEM SOLVING
ALTERNATING DIRECTION IMPLICIT

RT DIFFERENTIAL EQUATIONS NUMERICAL ANALYSIS
PARTIAL DIFFERENTIAL EQUATIONS

**ALTIMETERS** 

MEASURING INSTRUMENTS

DISTANCE MEASURING EQUIPMENT

**ALTIMETERS** 

... LASER ALTIMETERS ... RADIO ALTIMETERS AIRCRAFT INSTRUMENTS

RT ALTIMETRY

ALTITUDE APPROACH INDICATORS

ASTROLABES

BAROMETERS FLIGHT INSTRUMENTS

**HYPSOMETERS** 

ALTIMETERS-(CONT.)

LANDING INSTRUMENTS NAVIGATION AIDS NAVIGATION INSTRUMENTS POSITION INDICATORS RANGE FINDERS

RATE OF CLIMB INDICATORS SATELLITE ALTIMETRY

**ALTIMETRY** 

ALTIMETRY

. SATELLITE ALTIMETRY ALTIMETERS

ALTITUDE ELEVATION GEODESY

GEOIDS RADAR MEASUREMENT

TOPOGRAPHY

ALTITUDE

ALTITUDE
. FLIGHT ALTITUDE

HIGH ALTITUDE

MIDALTITUDE SEA LEVEL ALTIMETERS RT

ALTIMETRY **APEXES** AZIMUTH DISTANCE ELEVATION ELEVATION ANGLE HEIGHT POSITION (LOCATION)

**ALTITUDE CONTROL** 

∞ CONTROL LASER ALTIMETERS LATERAL CONTROL LONGITUDINAL CONTROL SPACING

ALTITUDE SIMULATION

SIMULATED ALTITUDE GS

SIMULATION . ENVIRONMENT SIMULATION

.. ALTITUDE SIMULATION COMPUTERIZED SIMULATION FLIGHT SIMULATION RT HIGH ALTITUDE ENVIRONMENTS HYPOBARIC ATMOSPHERES

LANDING SIMULATION SPACE ENVIRONMENT SIMULATION THERMAL SIMULATION

TRAINING DEVICES
VACUUM CHAMBERS

ALTITUDE TESTS
GS ALTITUDE TESTS HIGH ALTITUDE TESTS

**ENGINE TESTS** FLIGHT TESTS FULL SCALE TESTS
HIGH ALTITUDE ENVIRONMENTS

TEST VEHICLES

~ TESTS

AMBIGUITY

INTELLIGIBILITY POSITIONING

**AMBULANCES** 

MEDICAL SERVICES ∞ MILITARY VEHICLES SAFETY DEVICES

AMPHIBIOUS AIRCRAFT

AMPHIBIOUS VEHICLES

AMPHIBIOUS AIRCRAFT

**SEAPLANES** 

WATER TAKEOFF AND LANDING AIRCRAFT

AMPHIBIOUS VEHICLES
GS AMPHIBIOUS VEHICLES

**AMPHIBIOUS AIRCRAFT** 

**BOATS** 

∞ MILITARY VEHICLES

SEAPLANES SHIPS

SURFACE VEHICLES

#### **ANALYSIS (MATHEMATICS)**

AMPH	IBIOUS VEHICLES-(CONT.)	AN-22 AIRCRAFT-(CONT.)	ANALYSIS (MATHEMATICS)-(CONT.)
	∞ VEHICLES	. AN-22 AIRCRAFT TRANSPORT AIRCRAFT	SOBOLEV SPACE CONVOLUTION INTEGRALS
	WATER VEHICLES	. AN-22 AIRCRAFT	HARMONIC ANALYSIS
AMPL	FIER DESIGN	RT ∞AIRCRAFT	TESSERAL HARMONICS
AT	AMPLIFIERS	PASSENGER AIRCRAFT	ZONAL HARMONICS INTEGRAL EQUATIONS
	COMPUTER AIDED DESIGN  DESIGN	ANI OL AIRORATT	FREDHOLM EQUATIONS
	LOGIC DESIGN	AN-24 AIRCRAFT  UF ANTONOV AN-24 AIRCRAFT	J INTEGRAL SINGULAR INTEGRAL EQUATIONS
	OPERATIONAL AMPLIFIERS	COKE AIRCRAFT	VOLTERRA EQUATIONS
	PRODUCT DEVELOPMENT TRAVELING WAVE AMPLIFIERS	GS ANTONOV AIRCRAFT . AN-24 AIRCRAFT	WIENER HOPF EQUATIONS
		JET AIRCRAFT	. INTEGRAL TRANSFORMATIONS FOURIER TRANSFORMATION
	FIERS	. TURBOPROP AIRCRAFT	HILBERT TRANSFORMATION
UF GS	ELECTRONIC AMPLIFIERS  AMPLIFIERS	AN-24 AIRCRAFT MONOPLANES	LAPLACE TRANSFORMATION
uo	. BEAM PLASMA AMPLIFIERS	. AN-24 AIRCRAFT	. HALF PLANES . HALF SPACES
	. BROADBAND AMPLIFIERS . CARCINOTRONS	TRANSPORT AIRCRAFT . AN-24 AIRCRAFT	. HILL DETERMINANT
	CURRENT AMPLIFIERS	RT ∞AIRCRAFT	. NUMERICAL ANALYSIS APPROXIMATION
	PHOTOMULTIPLIER TUBES	PASSENGER AIRCRAFT	BORN APPROXIMATION
	FREQUENCY MODULATION PHOTOMULTIPLIERS		BORN-OPPENHEIMER APPROXIMATION
	. DIFFERENTIAL AMPLIFIERS	ANALYSIS (MATHEMATICS) GS ANALYSIS (MATHEMATICS)	CHEBYSHEV APPROXIMATION
	. DISTRIBUTED AMPLIFIERS . FEEDBACK AMPLIFIERS	. APERIODIC FUNCTIONS	EDDINGTON APPROXIMATION
	. FLUID AMPLIFIERS	. CALCULUS CONTINUITY (MATHEMATICS)	ESSENTIALLY NON-OSCILLATORY SCHEMES
	. JET AMPLIFIERS	. DIFFERENTIAL CALCULUS	FINITE DIFFERENCE THEORY
	. INTERMEDIATE FREQUENCY AMPLIFIERS	FOURIER-BESSEL TRANSFORMATION	NS FINITE ELEMENT METHOD HARTREE APPROXIMATION
	. LIGHT AMPLIFIERS	Graeff Calculus Integral Calculus	LEAST SQUARES METHOD
	, LIMITER AMPLIFIERS , LINEAR AMPLIFIERS	. LIMITS (MATHEMATICS)	MEAN SQUARE VALUES
	. MAGNETIC AMPLIFIERS	SERIES (MATHEMATICS) ASYMPTOTIC SERIES	MILNE METHOD MULTIGRID METHODS
	. MAGNETOSTATIC AMPLIFIERS . MICROWAVE AMPLIFIERS	CAMPBELL-HAUSDORFF SERIES	NEWTON METHODS
	. CROSSED FIELD AMPLIFIERS	COSINE SERIES	NEWTON-RAPHSON METHOD NUMERICAL DIFFERENTIATION
	CYCLOTRON RESONANCE DEVICES	FOURIER SERIES PADE APPROXIMATION	OSEEN APPROXIMATION
	. PLANOTRONS . OPERATIONAL AMPLIFIERS	POWER SERIES	PADE APPROXIMATION
	PARAMETRIC AMPLIFIERS	TAYLOR SERIES	PARTICLE IN CELL TECHNIQUE POHLHAUSEN METHOD
	POSTAMPLIFIERS	PROGRESSIONS	PREDICTOR-CORRECTOR METHODS
	. POWER AMPLIFIERS . PREAMPLIFIERS	PRONY SERIES	RAYLEIGH-RITZ METHOD RELAXATION METHOD
	. PUSH-PULL AMPLIFIERS	SINE SERIES VECTOR ANALYSIS	(MATHEMATICS)
	. SERVOAMPLIFIERS . TRANSISTOR AMPLIFIERS	COLLINEARITY	RITZ AVERAGING METHOD
	. TRAVELING WAVE AMPLIFIERS	COPLANARITY CURL (VECTORS)	SCHWARTZ METHOD SOMMERFELD APPROXIMATION
RT	. VOLTAGE AMPLIFIERS AMPLIDYNES	VORTICITY	TVD SCHEMES
n i	AMPLIFICATION	. COMBINATORIAL ANALYSIS	. BOUNDARY INTEGRAL METHOD . COMPUTATIONAL CHEMISTRY
	AMPLIFIER DESIGN	BINOMIAL COEFFICIENTS COMBINATIONS (MATHEMATICS)	. COMPUTATIONAL FLUID DYNAMICS
	∞ BOOSTERS CAPACITORS	FACTORIALS	. DIFFERENCE EQUATIONS
	CIRCUITS	PARTITIONS (MATHEMATICS) PERMUTATIONS	ERROR ANALYSIS FINITE VOLUME METHOD
	∞ELECTRIC CELLS ELECTRIC CHOPPERS	. COMPLEX VARIABLES	FLUX VECTOR SPLITTING
	IMAGE INTENSIFIERS	AIRY FUNCTION ANALYTIC FUNCTIONS	GLIMM METHOD GRAEFF CALCULUS
	INTENSIFIERS	ENTIRE FUNCTIONS	INTERPOLATION
	KLYSTRONS LASER CAVITIES	BESSEL FUNCTIONS	ITERATION CONJUGATE GRADIENT METHOD
	LASERS	HANKEL FUNCTIONS CAUCHY INTEGRAL FORMULA	ITERATIVE SOLUTION
	LINEAR CIRCUITS MASERS	CONFORMAL MAPPING	NEWTON METHODS
	MODULATORS	CONJUGATES CONJUGATE POINTS	PREDICTOR-CORRECTOR METHODS MONTE CARLO METHOD
	MULTIVIBRATORS OSCILLATORS	. EXPONENTIAL FUNCTIONS	NOMOGRAPHS
	RECEIVERS	LOGARITHMS	NUMERICAL INTEGRATION RUNGE-KUTTA METHOD
	REPEATERS	GAMMA FUNCTION HARMONIC FUNCTIONS	TRUNCATION ERRORS
	SOLID STATE DEVICES STIMULATED EMISSION DEVICES	HYPERBOLIC FUNCTIONS	. PFAFF EQUATION . PHASE-SPACE INTEGRAL
	TRANSFORMERS	HYPERGEOMETRIC FUNCTIONS LAGUERRE FUNCTIONS	. REAL VARIABLES
	TRAVELING WAVE MASERS	LEGENDRE FUNCTIONS	ABEL FUNCTION
AN-2	AIRCRAFT	. LIOUVILLE THEOREM MATHIEU FUNCTION	ASYMPTOTES BESSEL FUNCTIONS
GS	ANTONOV AIRCRAFT	. MEROMORPHIC FUNCTIONS	HANKEL FUNCTIONS
	. AN-2 AIRCRAFT JET AIRCRAFT	ELLIPTIC FUNCTIONS	BETHE-SALPETER EQUATION CALCULUS OF VARIATIONS
	. AN-2 AIRCRAFT	RATIONAL FUNCTIONS NONHOLONOMIC EQUATIONS	. COMPOSITE FUNCTIONS
	MONOPLANES	ORTHOGONAL FUNCTIONS	DELTA FUNCTION
	. AN-2 AIRCRAFT TRANSPORT AIRCRAFT	SCHWARZ-CHRISTOFFEL TRANSFORMATION	DIFFERENTIAL EQUATIONS BLASIUS EQUATION
	. AN-2 AIRCRAFT	SINGULARITY (MATHEMATICS)	CHANDRASEKHAR EQUATION
RT	∞ AIRCRAFT	NAKED SINGULARITIES SPHERICAL HARMONICS	COSINE SERIES DUFFING DIFFERENTIAL EQUATION
AN-22	AIRCRAFT	. DEPENDENT VARIABLES	FALKNER-SKAN EQUATION
UF	ANTHEUS AIRCRAFT	. FOURIER ANALYSIS	HYPERBOLIC DIFFERENTIAL
	ANTONOV AN-22 AIRCRAFT COCK AIRCRAFT	FOURIER SERIES . FUNCTION SPACE	EQUATIONS LAME WAVE EQUATIONS
GS	ANTONOV AIRCRAFT	BANACH SPACE	PARTIAL DIFFERENTIAL EQUATIONS
	. AN-22 AIRCRAFT JET AIRCRAFT	HILBERT SPACE	BIHARMONIC EQUATIONS BURGER EQUATION
	. TURBOPROP AIRCRAFT	. FUNCTIONAL ANALYSIS	CAUCHY-RIEMANN EQUATIONS
	AN-22 AIRCRAFT	BANACH SPACE	ELLIPTIC DIFFERENTIAL EQUATIONS
	MONOPLANES	HILBERT SPACE	EGNATIONS

#### ANCHORS (FASTENERS)

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ANALYSIS (MATHEMATICS)-(CONT.)	ANCHORS (FASTENERS)-(CONT.)	ANISOTROPIC MEDIA-(CONT.)
MONGE-AMPERE EQUATION	BRACKETS	ISOTROPIC MEDIA
EULER-CAUCHY EQUATIONS	CLIPS COUPLINGS	∞ MATERIALS POLARIZATION (WAVES)
FOKKER-PLANCK EQUATION GAUSS EQUATION	GUY WIRES	TODAMEATION (WATE)
HELMHOLTZ VORTICITY EQUATION	HOLDERS	ANISOTROPY
LIOUVILLE EQUATIONS	MOORING	UF NONISOTROPY
PARABOLIC DIFFERENTIAL	NUTS (FASTENERS)	ONISOTROPY
EQUATIONS	SCREWS	PHOTOTHERMOTROPISM
POISSON EQUATION	STRAPS STUDS (STRUCTURAL MEMBERS)	THERMOTROPISM GS ANISOTROPY
VLASOV EQUATIONS RICCATI EQUATION	TETHERLINES	. PLASTIC ANISOTROPY
VORTICITY EQUATIONS	TETTIES TETTE	. ELASTIC ANISOTROPY
HELMHOLTZ VORTICITY EQUATION	ANECHOIC CHAMBERS	RT AEOLOTROPISM
EINSTEIN EQUATIONS	GS COMPARTMENTS	ANISOTROPIC FLUIDS
EXISTENCE THEOREMS	. TEST CHAMBERS	ANISOTROPIC MEDIA
. EXTREMUM VALUES	ANECHOIC CHAMBERS	BIREFRINGENCE
LIMITS (MATHEMATICS)	TEST FACILITIES . ANECHOIC CHAMBERS	CRYSTAL STRUCTURE CRYSTALS
MINIMA	RT ACQUISTIC ATTENUATION	DIRECTIVITY
. FOURIER-BESSEL TRANSFORMATIONS	ACOUSTIC MEASUREMENT	ISOTROPY
GREEN'S FUNCTIONS	ACOUSTICS	MECHANICAL PROPERTIES
HYPERBOLIC FUNCTIONS	∞ CHAMBERS	METALLOGRAPHY
HYPERPLANES	ZERO SOUND	POLARIZATION (SPIN ALIGNMENT)
. JACOBI INTEGRAL		POLARIZATION (WAVES)
JACOBI MATRIX METHOD KERNEL FUNCTIONS	ANELASTICITY	SPATIAL DISTRIBUTION
LIAPUNOV FUNCTIONS	GS MECHANICAL PROPERTIES	ANNULAR FLOW
LINEAR EQUATIONS	. ELASTIC PROPERTIES ANELASTICITY	GS FLUID FLOW
LINEAR EVOLUTION EQUATIONS	RT CREEP PROPERTIES	. AXISYMMETRIC FLOW
RICCATI EQUATION	INTERNAL FRICTION	. ANNULAR FLOW
. LIPSCHITZ CONDITION	MODULUS OF ELASTICITY	RT ANNULI
MEASURE AND INTEGRATION	STRESS RELAXATION	AXIAL FLOW
BINARY INTEGRATION		CHANNEL FLOW
BOREL SETS	ANEMOMETERS	COAXIAL FLOW
FUNCTIONAL INTEGRATION INTEGRAL CALCULUS	GS MEASURING INSTRUMENTS	COUETTE FLOW
J INTEGRAL	. ANEMOMETERS	∞FLOW FLOW GEOMETRY
LEBESGUE THEOREM	. DRAG FORCE ANEMOMETERS	HEAT TRANSMISSION
NUMERICAL INTEGRATION	HOT-FILM ANEMOMETERS HOT-WIRE ANEMOMETERS	NOZZLE FLOW
RUNGE-KUTTA METHOD	. LASER ANEMOMETERS	ONE DIMENSIONAL FLOW
STIELTJES INTEGRAL	SONIC ANEMOMETERS	TURBULENT FLOW
WEIGHTING FUNCTIONS	RT AIRCRAFT INSTRUMENTS	
NEUMANN PROBLEM	FLOW MEASUREMENT	ANNULAR NOZZLES
. NONLINEAR EQUATIONS CUBIC EQUATIONS	METEOROLOGICAL INSTRUMENTS	RT ANNULI
DUFFING DIFFERENTIAL EQUATION	SPEED INDICATORS	COAXIAL FLOW
MONGE-AMPERE EQUATION	VELOCITY MEASUREMENT	CONICAL NOZZLES EXHAUST NOZZLES
NONLINEAR EVOLUTION	WIND (METEOROLOGY) WIND MEASUREMENT	INLET NOZZLES
EQUATIONS	WIND VANES	∞NOZZLES
QUADRATIC EQUATIONS	WIND VELOCITY	PLUG NOZZLES
QUARTIC EQUATIONS	WIND VELOCITY MEASUREMENT	ROCKET NOZZLES
NUMERICAL DIFFERENTIATION		SHROUDED NOZZLES
PERIODIC FUNCTIONS	ANEMOMETRY	SPRAY NOZZLES
TRIGONOMETRIC FUNCTIONS COSINE SERIES	USE VELOCITY MEASUREMENT	
SINE SERIES		ANNULAR SUSPENSION AND POINTING SYSTEM
TANGENTS	ANGLE OF ATTACK	GS FLIGHT CONTROL
SERIES (MATHEMATICS)	GS GEOMETRY	. POINTING CONTROL SYSTEMS ANNULAR SUSPENSION AND
ASYMPTOTIC SERIES	. EUCLIDEAN GEOMETRY	POINTING SYSTEM
CAMPBELL-HAUSDORFF SERIES	ANGLES (GEOMETRY) ANGLE OF ATTACK	RT MAGNETIC SUSPENSION
COSINE SERIES	ZERO ANGLE OF ATTACK	PAYLOADS
FOURIER SERIES	RT AERODYNAMIC CHARACTERISTICS	SPACE SHUTTLES
PADE APPROXIMATION POWER SERIES	AERODYNAMIC STALLING	SPACE TRANSPORTATION SYSTEM
TAYLOR SERIES	BOUNDARY LAYER SEPARATION	SPACELAB
MACLAURIN SERIES	LIFT	SPACELAB PAYLOADS
PROGRESSIONS	SWEEP ANGLE	∞ SYSTEMS
PRONY SERIES		ANNULI
SINE SERIES	ANIMATION	RT ANALYTIC GEOMETRY
STURM-LIOUVILLE THEORY	GS ARTS . GRAPHIC ARTS	ANNULAR FLOW
VECTOR ANALYSIS	. ANIMATION	ANNULAR NOZZLES
COLLINEARITY COPLANARITY	COMPUTER ANIMATION	ANNULAR PLATES
CURL (VECTORS)	RT CINEMATOGRAPHY	FLOW MEASUREMENT
VORTICITY	MOTION PICTURES	∞ RINGS
WEIERSTRASS FUNCTIONS		
WHITTAKER FUNCTIONS	ANISOTROPIC FLUIDS	ANOLYTES
RT ALGEBRA	GS MEDIA	GS CONDUCTORS . ELECTROLYTES
∞ ANALYZING	. ANISOTROPIC MEDIA	. ANOLYTES
∞ APPLICATIONS OF MATHEMATICS	ANISOTROPIC FLUIDS	RT CATHOLYTES
DISCONTINUITY	RT ANISOTROPY ∞FLUIDS	CELL ANODES
EQUILIBRIUM EQUATIONS GEOMETRY	™FLUIDS INVARIANT IMBEDDINGS	
∞MATHEMATICS	ISOTROPY	ANTARES ROCKET VEHICLE
MONOTONE FUNCTIONS	LIQUID CRYSTALS	GS ROCKET VEHICLES
∞ SPACE	NEWTONIAN FLUIDS	. MULTISTAGE ROCKET VEHICLES
TREES (MATHEMATICS)		ANTARES ROCKET VEHICLE
VECTOR SPACES	ANISOTROPIC MEDIA	. SOUNDING ROCKETS
VENN DIAGRAMS	GS MEDIA	ANTARES ROCKET VEHICLE
	. ANISOTROPIC MEDIA	RT ATMOSPHERIC IONIZATION SOLID PROPELLANT ROCKET ENGINES
ANCHORS (FASTENERS)	ANISOTROPIC FLUIDS RT ANISOTROPY	X-254 ENGINE
GS FASTENERS . ANCHORS (FASTENERS)	BIREFRINGENCE	
RT &BANDS	BIREFRINGENT COATINGS	ANTELOPE MISSILE
BOLTS	HOMOGENEITY	GS MISSILES
502.0		

APPROACH CONTROL
GS APPROACH CONTROL ANTELOPE MISSILE-(CONT.)
. ANTELOPE MISSILE ANTIRADIATION MISSILES GS APPROACH CONTROL
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT COMMUNICATION ANTIRADIATION MISSILES Ħ٦ AIR DEFENSE ANTHEUS AIRCRAFT ANTIMISSILE DEFENSE COUNTERMEASURES AN-22 AIRCRAFT AIRCRAFT GUIDANCE
AIRCRAFT MANEUVERS
AUTOMATED EN ROUTE ATC
COLLISION AVOIDANCE DIGITAL RADAR SYSTEMS MILITARY TECHNOLOGY MISSILE DEFENSE ANTIAIRCRAFT MISSILES CRAFT MISSILES
MISSILES
MISSILES
ANTIAIRCRAFT MISSILES
BOMARC MISSILES
FALCON MISSILE
MAULER MISSILE
NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
REDEYE MISSILE
SIAM MISSIES REMOTE CONTROL FLIGHT PATHS
GLIDE PATHS
GROUND BASED CONTROL ANTISKID DEVICES
RT AIRCRAFT BRAKES
ARRESTING GEAR INSTRUMENT APPROACH
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS AUTOMOBILES BRAKES (FOR ARRESTING MOTION) .. HEDEYE MISSILE
.. SIAM MISSILES
.. SIDEWINDER MISSILES
.. TARTAR MISSILE
.. TERRIER MISSILE
AIR TO AIR MISSILES
ANTIMISSILE MISSILES
ANTIMISSILE MISSILES ∞ DEVICES

LANDING AIDS

SAFETY DEVICES LANDING AIDS LANDING RADAR MICROWAVE LANDING SYSTEMS NIGHT FLIGHTS (AIRCRAFT) RUNWAY LIGHTS WHEEL BRAKES TRACKING (POSITION)
TRAFFIC CONTROL
VISUAL CONTROL NIKE MISSILES ANTISUBMARINE WARFARE AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
. BREGUET 1150 AIRCRAFT
. CL-84 AIRCRAFT RAMJET MISSILES SURFACE TO AIR MISSILES . CL-84 AIRCRAFT
. P-3 AIRCRAFT
. S-3 AIRCRAFT
. SH-3 HELICOPTER
. SH-4 HELICOPTER
. AIRCRAFT ANTIICING ADDITIVES APPROACH INDICATORS ADDITIVES
. ANTIICING ADDITIVES
ANTIFREEZES AIRCRAFT INSTRUMENTS
. APPROACH INDICATORS DISPLAY DEVICES

APPROACH INDICATORS
FLIGHT INSTRUMENTS DEICERS • AIRCRAFT
ATTACK AIRCRAFT
BOMBER AIRCRAFT
DRONE AIRCRAFT
H-25 HELICOPTER
• MILITARY AIRCRAFT
OBSERVATION AIRCRAFT DEICING FUEL CONTAMINATION ICE PREVENTION INHIBITORS APPROACH INDICATORS LANDING AIDS
. LANDING INSTRUMENTS PROPELLANT ADDITIVES ... APPROACH INDICATORS
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS RETARDANTS P-531 HELICOPTER RECONNAISSANCE AIRCRAFT ANTIKNOCK ADDITIVES
GS ADDITIVES .. APPROACH INDICATORS AIR TRAFFIC CONTROL ALTIMETERS S-61 HELICOPTER RT . ANTIKNOCK ADDITIVES
AUTOMOBILE FUELS SUBMERSIBLE AIRCRAFT V/STOL AIRCRAFT WATER TAKEOFF AND LANDING ALLIMETERS
BLIND LANDING
GLIDE PATHS
INSTRUMENT APPROACH
INSTRUMENT LANDING SYSTEMS
MICROWAVE SCANNING BEAM LANDING GASOLINE ∞OCTANE OCTANES AIRCRAFT RETARDANTS ANTITANK MISSILES SYSTEM MISSILES . SURFACE TO SURFACE MISSILES
. ANTITANK MISSILES
. . SHILLELAGH MISSILES NAVIGATION AIDS RADAR APPROACH CONTROL SOLAR COMPASSES ANTIMISSILE DEFENSE (PROTECTION AGAINST MISSILE ATTACK) AIR DEFENSE
. ANTIMISSILE DEFENSE
ANTIRADIATION MISSILES GS TOW MISSILES SPEED INDICATORS ANTONOV AIRCRAFT
GS ANTONOV AIRCRAFT
. AN-2 AIRCRAFT
. AN-22 AIRCRAFT RT APPROXIMATION UF APPROXIMATION METHODS CIVIL DEFENSE OVIL DEFENSE

DEFENSE
DEFENSE INDUSTRY
DEFENSE PROGRAM
MILITARY TECHNOLOGY
MISSILE DEFENSE NOMINAL VALUES
TRUNCATION (MATHEMATICS)
ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION . AN-24 AIRCRAFT GS RT MISSILES
OPTICAL COUNTERMEASURES
SAFEGUARD SYSTEM **ANTONOV AN-22 AIRCRAFT** BORN APPROXIMATION BORN-OPPENHEIMER APPROXIMATION AN-22 AIRCRAFT SENTINEL SYSTEM
SPACE SURVEILLANCE (GROUND APPROXIMATION
CHEBYSHEV APPROXIMATION
EDDINGTON APPROXIMATION
ESSENTIALLY NON-OSCILLATORY
SCHEMES
FINITE DIFFERENCE THEORY ANTONOV AN-24 AIRCRAFT USE AN-24 AIRCRAFT BASED)
SPACE SURVEILLANCE (SPACEBORNE) AO-1 AIRCRAFT OV-1 AIRCRAFT FINITE ELEMENT METHOD
HARTREE APPROXIMATION
LEAST SQUARES METHOD
MEAN SQUARE VALUES
MILNE METHOD
MULTIGRID METHODS ANTIMISSILE MISSILES MISSILES
. ANTIMISSILE MISSILES
. MAULER MISSILE APACHE ROCKET VEHICLE ROCKET VEHICLES
SOUNDING ROCKETS . MAULEH MISSILE
. NIKE-ZEUS MISSILE
. SPARTAN MISSILE
. SPRINT MISSILE
ANTIAIRCRAFT MISSILES
BALLISTIC MISSILES
INFRARED TRACKING
MISSILE
DEFENSE APACHE ROCKET VEHICLE RT NEWTON METHODS
. NEWTON-RAPHSON METHOD RT **APPARATUS** NUMERICAL DIFFERENTIATION EQUIPMENT OSEEN APPROXIMATION PADE APPROXIMATION USE MISSILE DEFENSE NIKE MISSILES NIKE X SYSTEMS SENTINEL SYSTEM SIAM MISSILES PADE APPROXIMATION
PARTICLE IN CELL TECHNIQUE
POHLHAUSEN METHOD
PREDICTOR-CORRECTOR METHODS
RAYLEIGH-RITZ METHOD
(MATHEMATICS)
RITZ AVERAGING METHOD
SCHWARTZ METHOD
SCHWARTZ METHOD APPROACH **APPROACH** AIRBORNE RADAR APPROACH . AIRBOHNE HADAH APPHOACH
. DELAYED FLAP APPROACH
. INSTRUMENT APPROACH
AIR TRAFFIC CONTROL
AIRCRAFT APPROACH SPACING SPACE WEAPONS SURFACE TO AIR MISSILES RT ANTIMISTING FUELS ARRIVALS DESCENT SOMMERFELD APPROXIMATION **FUELS** DESCENT
FLIGHT PATHS
FLIGHT PLANS
GROUND BASED CONTROL
GUIDANCE (MOTION)
LANDING ... SOMMETELL AFFROAMATIC
... TYD SCHEMES
& APPLICATIONS OF MATHEMATICS
CENSORED DATA (MATHEMATICS)
DIFFERICE EQUATIONS
& EQUATIONS CHEMICAL FUELS LIQUID FUELS . ANTIMISTING FUELS

LANDING AIDS

**PASSAGEWAYS** 

TOUCHDOWN

ADDITIVES AIRCRAFT FUELS FLAME RETARDANTS

JET ENGINE FUELS

KEROSENE

FORM FACTORS GLAUBER THEORY

#### **APPROXIMATION METHODS**

APPROXIMATION-(CONT.) MINIMAX TECHNIQUE NUMERICAL STABILITY PROBLEM SOLVING 
∞ RELATIONSHIPS SPLINE FUNCTIONS STATIC MODELS STATISTICAL ANALYSIS

APPROXIMATION METHODS **APPROXIMATION** 

ARC CHAMBERS ∞ CHAMBERS ELECTRIC ARCS
PLASMA GENERATORS THRUST CHAMBERS

ARCAS ROCKET VEHICLES
GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
ARCAS ROCKET VEHICLES SOUNDING ROCKETS ARCAS ROCKET VEHICLES RADIOSONDES

SOLID PROPELLANT ROCKET ENGINES ~VEHICLES

ARCON ROCKET VEHICLE ROCKET VEHICLES
. ARCON ROCKET VEHICLE ∞ VEHICLES

AREA ∞CROSS SECTIONS GEOMETRY INTEGRAL CALCULUS LINE OF SIGHT

∞ SECTORS ∞ SURFACES VOLUME

AREA NAVIGATION
GS NAVIGATION

AIR NAVIGATION .. AREA NAVIGATION RT GROUND TRACKS

ARGO ROCKET VEHICLES
GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
.: ARGO ROCKET VEHICLES
RT HONEST JOHN ROCKET VEHICLE
JAVELIN ROCKET VEHICLE
NIKE-AJAX MISSILE
SOULD ROCKET VEHICLE SOLID PROPELLANT ROCKET ENGINES SOUNDING ROCKETS ∞ VEHICLES

ARGOSY MK-1 AIRCRAFT HAWKER SIDDELEY AIRCRAFT ARGOSY MK-1 AIRCRAFT JET AIRCRAFT . TURBOPROP AIRCRAFT
. ARGOSY MK-1 AIRCRAFT MONOPLANES . ARGOSY MK-1 AIRCRAFT TRANSPORT AIRCRAFT

ARGOSY MK-1 AIRCRAFT m AIRCRAFT

ARIANE LAUNCH VEHICLE
GS LAUNCH VEHICLES ARIANE LAUNCH VEHICLE ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES .. ARIANE LAUNCH VEHICLE ELDO LAUNCH VEHICLE RT

EUROPA LAUNCH VEHICLES EUROPEAN SPACE AGENCY EUROPEAN SPACE PROGRAMS GEOSARI PROJECT

ARIS INSTRUMENTATION SHIP

ADVANCED RANGE INSTRUMENTATION

ARMY-NAVY INSTRUMENTATION PROGRAM **PROGRAMS** GS

ARMY-NAVY INSTRUMENTATION PROGRAM LOGISTICS

MILITARY TECHNOLOGY

AROD (RANGE-ORBIT DETERMINATION)
USE AIRBORNE RANGE AND ORBIT
DETERMINATION

ARRESTING GEAR
GS LANDING AIDS
. ARRESTING GEAR ARRESTING GEAR
SAFETY DEVICES
ARRESTING GEAR
ABORT APPARATUS
AIRCRAFT CARRIERS
AIRCRAFT SAFETY ANTISKID DEVICES

∞ ARRESTERS ∞ BARRIERS BRAKES (FOR ARRESTING MOTION) CRASH LANDING

ARRIVALS APPROACH LANDING

∞GEAR

ARROW WINGS AIRFOILS WINGS

SWEPT WINGS SWEPTBACK WINGS .... ARROW WINGS PLANFORMS . WING PLANFORMS SWEPTBACK WINGS . ARROW WINGS CARET WINGS

DELTA WINGS VARIABLE SWEEP WINGS

**ASCENT** 

ASCENT . CLIMBING FLIGHT BALLOONS DESCENT

LUNAR MODULE ASCENT STAGE

ASCENT PROPULSION SYSTEMS

PROPULSION
. ASCENT PROPULSION SYSTEMS PROPULSION SYSTEM CONFIGURATIONS
. ASCENT PROPULSION SYSTEMS

LUNAR MODULE MISSILES PROPELLANTS ROCKET PROPELLANTS SPACE FLIGHT SPACE SHUTTLE ASCENT STAGE ∞ SYSTEMS

**ASCENT TRAJECTORIES** 

TRAJECTORIES

ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT GS COASTING FLIGHT DESCENT TRAJECTORIES FLIGHT MECHANICS

GUIDANCE (MOTION)
INJECTION GUIDANCE
LOFTING

LUNAR MODULE ASCENT STAGE MIDCOURSE TRAJECTORIES MISSILE TRAJECTORIES PARABOLIC FLIGHT
POST BOOST PROPULSION SYSTEM

RENDEZVOUS TRAJECTORIES SPACECRAFT TRAJECTORIES

ASDE

AIRPORT SURFACE DETECTION USE

EQUIPMENT

**ASHES** GS ASHES

. FLY ASH AIR POLLUTION RΤ COAL

COMBUSTION PRODUCTS **CULTIVATION**FERTILIZERS FIRE DAMAGE FOREST FIRES

LIGNITE REACTION PRODUCTS

RESIDUES

ASP ROCKET VEHICLE
UF NIKE-ASP ROCKET ROCKET VEHICLES SOUNDING ROCKETS
ASP ROCKET VEHICLE

RT

**ASPECT RATIO** RATIOS GS

ASPECT RATIO
. HIGH ASPECT RATIO
. LOW ASPECT RATIO

RT **AERODYNAMIC CHARACTERISTICS** 

AIRFOILS FINENESS RATIO ∞ SPAN WINGS

ASSEMBLING

ASSEMBLING GS ORBITAL ASSEMBLY RT ASSEMBLIES ∞ ASSEMBLY ∞ATTACHMENT CLEAN ROOMS COLLECTION CONSTRUCTION FITTING INSTALLING ∞ JOINING MOUNTING PREPARATION

ASSET GLIDERS GLIDERS **ASSET GLIDERS** ∞ AIRCRAFT HYPERSONIC GLIDERS LIFTING REENTRY VEHICLES

SPACE MANUFACTURING

RIGGING

ASTRIONICS

RT

RT

∞ ASTRONAUTICS AVIONICS GUIDANCE (MOTION)
SATELLITE COMMUNICATION
SINGLE EVENT UPSETS
SPACECRAFT COMMUNICATION SPACECRAFT ELECTRONIC EQUIPMENT SPACECRAFT INSTRUMENTS ∞ TEST EQUIPMENT

ASTRO VEHICLE SN (EXCLUDES STS) MANEUVERABLE SPACECRAFT

. ASTRO VEHICLE
MANNED SPACECRAFT . ASTRO VEHICLE REENTRY VEHICLES RECOVERABLE SPACECRAFT

.. ASTRO VEHICLE SOFT LANDING SPACECRAFT . ASTRO VEHICLE
AEROSPACE PLANES
BOOSTGLIDE VEHICLES FERRY SPACECRAFT
LIFTING REENTRY VEHICLES

∞ SPACECRAFT

ASTROBEE ROCKET VEHICLES GS

ROCKET VEHICLES

MULTISTAGE ROCKET VEHICLES

. ASTROBEE ROCKET VEHICLES

. ASTROBEE 1500 ROCKET VEHICLE SOUNDING ROCKETS

. ASTROBEE ROCKET VEHICLES
... ASTROBEE 1500 ROCKET VEHICLE
GENIE ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES

© VEHICLES

ASTROBEE 1500 ROCKET VEHICLE

ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. ASTROBEE ROCKET VEHICLES . ASTROBEE 1500 ROCKET VEHICLE SOUNDING ROCKETS . ASTROBEE ROCKET VEHICLES

... ASTROBEE 1500 ROCKET VEHICLE SOLID PROPELLANT ROCKET ENGINES

RT

#### ATMOSPHERIC DENSITY

ASTRO	GUIDE NAVIGATION SYSTEM	ATLAS	AGENA B LAUNCH VEHICLE	ATLAS	BICBM-(CONT.)
GS	NAVIGATION				ATLAS D ICBM ATLAS E ICBM ATLAS F ICBM
40	. CELESTIAL NAVIGATION		. ATLAS LAUNCH VEHICLES		ATLAS E ICBM
	ASTROGUIDE NAVIGATION SYSTEM		. ATLAS AGENA B LAUNCH VEHICLE		ATLAS F ICBM
	INERTIAL NAVIGATION		ROCKET VEHICLES		. SURFACE TO SURFACE MISSILES
	ASTROGUIDE NAVIGATION SYSTEM		. MULTISTAGE ROCKET VEHICLES		. SURFACE TO SURFACE MISSILES INTERCONTINENTAL BALLISTIC
ĦΤ	INERTIAL COORDINATES		. ATLAS LAUNCH VEHICLES		MISSILES
	STAR TRACKERS		ATLAS AGENA B LAUNCH VEHICLE		ATLAS ICBM
	∞ SYSTEMS	RŤ	AGENA ROCKET VEHICLES		
			MARINER 2 SPACE PROBE		ATLAS E ICBM
	N 4 0 TO		MIDAS SATELLITES		ATLAS F ICBM
ASTRO USE			RANGER LUNAR PROBES	RT	ATLAS F ICBM MA-2 ENGINE
552			RANGER 4 LUNAR PROBE		MA-3 ENGINE
ASTRO GS	NAVIGATION NAVIGATION		AGENA LAUNCH VEHICLES		LAUNCH VEHICLES
uo	. CELESTIAL NAVIGATION	GS	LAUNCH VEHICLES  ATLAS LAUNCH VEHICLES	UF	SM-65 MISSILE LAUNCH VEHICLES
	ASTRONAVIGATION		ATLAS LAUNCH VEHICLES	GS	
RT	ALD ALALMO ATION				. ATLAS LAUNCH VEHICLES
	INTERPLANETARY NAVIGATION		. MULTISTAGE ROCKET VEHICLES		ATLAS ABLE 5 LAUNCH VEHICLE ATLAS AGENA 8 LAUNCH VEHICLE
	INTERSTELLAR TRAVEL		ATLAS LAUNCH VEHICLES		ATLAS AGENA D LAUNCH VEHICLE
	RADIO NAVIGATION		ATLAS AGENA LAUNCH VEHICLES		ATLAS CENTALID LAUNCH VEHICLES
	SPACE NAVIGATION	RT	AGENA BOCKET VEHICLES		ATLAS CENTAUN LAUNCH VEHICLE
		***	ENVIRONMENTAL RESEARCH		POCKET VEHICLE
ARTEO	NOMICAL COORDINATES		ATLAS LAUNCH VEHICLES ATLAS AGENA LAUNCH VEHICLES AGENA ROCKET VEHICLES ENVIRONMENTAL RESEARCH SATELLITES ERS 17 ERS 18		MILITIOTAGE DOCKET VEHICLES
GS	NOMICAL COORDINATES COORDINATES		FRS 17		ATI AR I ALIMON VENICLES
us	. ASTRONOMICAL COORDINATES		ERS 18		ATLAS ABLE 5 LAUNCH VEHICLE
RT	AZIMUTH		MARINER PROGRAM		ATLAS AGENA B LAUNCH VEHICLE
nı	CELESTIAL REFERENCE SYSTEMS		MARINER 5 SPACE PROBE		ATLAS AGENA LAUNCH VEHICLES
•	CYLINDRICAL COORDINATES		MARINER 6 SPACE PROBE		ATLAS CENTAUR LAUNCH VEHICLE
	GEOCENTRIC COORDINATES		OGO-A		ATLAS SLV-3 LAUNCH VEHICLE
	NORTHERN SKY			RT	EGO
	PLANETOCENTRIC COORDINATES		W TEL HOLLS	n.	GEMINI PROJECT
	PLANISPHERES	ATI AG	CENTAUR LAUNCH VEHICLE		MA-5 ENGINE
	POLAR COORDINATES		LAUNCH VEHICLES		MARINER PROGRAM
	REFERENCE STARS	as	. ATLAS LAUNCH VEHICLES		
	SOLAR LONGITUDE		. ATLAS LAUNCH VEHICLES . ATLAS CENTAUR LAUNCH VEHICLE . CENTAUR LAUNCH VEHICLE . ATLAS CENTAUR LAUNCH VEHICLE ROCKET VEHICLES . CENTAUR LAUNCH VEHICLE . ATLAS CENTAUR LAUNCH VEHICLE . MULTISTAGE ROCKET VEHICLES . ATLAS LAUNCH VEHICLES . ATLAS CENTAUR LAUNCH VEHICLE CENTAUR PROJECT OAO 1 OAO 2		MERCURY MA-1 FLIGHT
	SPHERICAL COORDINATES		CENTALID LALINCH VEHICLE		MERCURY MA-2 FLIGHT
	SITIETIONE COOTIBITATES		ATLAS CENTAUR LAUNCH VEHICLE		MERCURY MA-3 FLIGHT
			BOCKET VEHICLES		MERCHRY MAJ FLIGHT
	NOMICAL MAPS		CENTALIS LAUNCH VEHICLE		MERCURY MA-5 FLIGHT
GS	MAPS		ATLAS CENTAUR LAUNCH VEHICLE		MERCURY MASS FLIGHT
	. ASTRONOMICAL MAPS		MULTISTAGE ROCKET VEHICLES		MERCURY MA-7 FLIGHT
	PLANISPHERES		ATLAS LAUNCH VEHICLES		MERCURY MAJE FLIGHT
RT	ASTROGRAPHY		ATLAS CENTAUR LAUNCH VEHICLE		MERCURY MA-9 FLIGHT
	ASTROMETRY	RT	CENTAUR PROJECT		MERCURY PROJECT
	CELESTIAL REFERENCE SYSTEMS	•••	OAO 1		NOMAD LAUNCH VEHICLE
	CELESTIAL SPHERE		OAO 2		OAO
	LUNAR MAPS		OAO 3		ORBITAL RENDEZVOUS
			RL-10 ENGINES		RANGER PROJECT
ATARS			SPACE SHUTTLE UPPER STAGE A		∞ VEHICLES
USE	AUTOMATIC TRAFFIC ADVISORY AND		SURVEYOR PROJECT		W VE HOLEO
	RESOLUTION		AUDUEVOD 4 LUNIA ADAGE	ATI 40	ELV 2 LAUNCH VEHICLE
			SURVEYOR 1 LUNAR PROBE	AILAS	SLV-3 LAUNCH VEHICLE
ATUEN	BOOKET MENIOLE		SURVEYOR 3 LUNAR PROBE	OF Ce	STANDARD LAUNCH VEHICLE 3 LAUNCH VEHICLES
GS	N ROCKET VEHICLE ROCKET VEHICLES		SURVEYOR 4 LUNAR PROBE	us	ATLAC LAUNCH VEHICLES
us	. MULTISTAGE ROCKET VEHICLES		SURVEYOR 5 LUNAR PROBE		. ATLAS LAUNCH VEHICLES ATLAS SLV-3 LAUNCH VEHICLE
	. ATHENA ROCKET VEHICLE		SURVEYOR 4 LUNAR PROBE SURVEYOR 5 LUNAR PROBE SURVEYOR 6 LUNAR PROBE		. STANDARD LAUNCH VEHICLES
RT	BE-3 ENGINE		SURVEYOR 7 LUNAR PROBE		. ATLAS SLV-3 LAUNCH VEHICLE
nı.	REENTRY VEHICLES				ROCKET VEHICLES
	SOLID PROPELLANT ROCKET ENGINES	ATLAS	D ICEM		. MULTISTAGE ROCKET VEHICLES
	SOLID PHOPLEBANT MOOKET ENGINES	GS	MISSILES		ATLAS LAUNCH VEHICLES
		us	. BALLISTIC MISSILES		ATLAS SLV-3 LAUNCH VEHICLE
ATHOD			. INTERCONTINENTAL BALLISTIC		. STANDARD LAUNCH VEHICLES
USE	RAMJET ENGINES		MISSILES		. ATLAS SLV-3 LAUNCH VEHICLE
			ATLAS ICBM	RT	LIQUID PROPELLANT ROCKET ENGINES
ATLANT	IC AIRCRAFT		ATLAS D ICBM		MA-5 ENGINE
USE	BREGUET 1150 AIRCRAFT		. SURFACE TO SURFACE MISSILES		
			INTERCONTINENTAL BALLISTIC	ATI IT	PROJECT
ATI ANT	TIS (ORBITER)		MISSILES	UF	ADVANCED TECHNOLOGY LIGHT TWIN
UF	SPACE SHUTTLE ORBITER 104		ATLAS ICBM	0,	AIRCRAFT
GS	MANNED SPACECRAFT		ATLAS D ICBM	GS	PROGRAMS
ao	. SPACE SHUTTLE ORBITERS	RT	CENTAUR LAUNCH VEHICLE	us	. NASA PROGRAMS
	. ATLANTIS (ORBITER)		STANDARD LAUNCH VEHICLES		. ATLIT PROJECT
	REENTRY VEHICLES		VEGA LAUNCH VEHICLE		. PROJECTS
	RECOVERABLE SPACECRAFT				ATLIT PROJECT
	. REUSABLE SPACECRAFT	ATLAS	F ICRM	RT	∞ AIRCRAFT
	SPACE SHUTTLE ORBITERS	GS	MISSILES	•••	GAW-1 AIRFOIL
	ATLANTIS (ORBITER)		. BALLISTIC MISSILES		PA-34 SENECA AIRCRAFT
RT	MANNED SPACE FLIGHT		INTERCONTINENTAL BALLISTIC		· · · · · · · · · · · · · · · · · · ·
	SPACE SHUTTLE MISSION 51-H		MISSILES	ATMO	SPHERIC DENSITY
	SPACE SHUTTLE MISSION 51-J		ATLAS ICBM	GS	DENSITY (MASS/VOLUME)
	SPACE SHUTTLE MISSION 61-B		ATLAS E ICBM	45	. ATMOSPHERIC DENSITY
	∞ SPACECRAFT		. SURFACE TO SURFACE MISSILES	RT	AIR POLLUTION
			INTERCONTINENTAL BALLISTIC	•••	BOLTZMANN DISTRIBUTION
ATLAS	ABLE 5 LAUNCH VEHICLE		MISSILES		∞ DENSITY
GS	LAUNCH VEHICLES		ATLAS ICBM		DENSITY (NUMBER/VOLUME)
	. ATLAS LAUNCH VEHICLES		ATLAS E ICBM		ELECTRON DENSITY (CONCENTRATION)
	. ATLAS ABLE 5 LAUNCH VEHICLE				HUMIDITY
	ROCKET VEHICLES	ATLAS	ICBM		ION DENSITY (CONCENTRATION)
	MULTISTAGE ROCKET VEHICLES	GS	MISSILES		MAGNETOSPHERIC ELECTRON DENSITY
	. ATLAS LAUNCH VEHICLES		. BALLISTIC MISSILES		MAGNETOSPHERIC ION DENSITY
	ATLAS ABLE 5 LAUNCH VEHICLE		. INTERCONTINENTAL BALLISTIC		MAGNETOSPHERIC PROTON DENSITY
RT	LUNAR PROBES		MISSILES		METEOROLOGY
	SPACE PROBES		ATLAS ICBM		PARTICLE DENSITY (CONCENTRATION)
					1010

#### ATMOSPHERIC DIFFUSION

ATMOSPHERIC DENSITY-(CONT.)
PLANETARY ATMOSPHERES ATMOSPHERIC TURBULENCE-(CONT.) ATTACK AIRCRAFT-(CONT.)
... F-102 AIRCRAFT LAMINAR FLOW METEOROLOGICAL PARAMETERS METEOROLOGY F-104 AIRCRAFT F-105 AIRCRAFT PLASMA DENSITY PROTON DENSITY (CONCENTRATION) SEEING (ASTRONOMY) F-106 AIRCRAFT SPACE DENSITY TEPHIGRAMS TURBOPAUSE F-111 AIRCRAFT FV-12A AIRCRAFT ATMOSPHERIC DIFFUSION TURBULENT DIFFUSION G-91 AIRCRAFT DIFFUSION ATMOSPHERIC DIFFUSION G-95/4 AIRCRAFT GA-5 AIRCRAFT TURBULENT FLOW WIND VARIATIONS BOLTZMANN DISTRIBUTION MOLECULAR DIFFUSION RT HARRIER AIRCRAFT JAGUAR AIRCRAFT POLLUTION TRANSPORT ATMOSPHERIC WINDOWS JET PROVOST AIRCRAFT RADIO SCATTERING TURBULENT DIFFUSION ASTRONOMICAL PHOTOGRAPHY ASTRONOMICAL PHOTOMETRY MIG AIRCRAFT MIRAGE AIRCRAFT MIRAGE 3 AIRCRAFT ATMOSPHERIC ENTRY ATOM CONCENTRATION
GS COMPOSITION (PROPERTY) P-51 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
SAAB 37 AIRCRAFT
SCIMITAR AIRCRAFT PLANETARY ENTRY ATMOSPHERIC ENTRY GS CONCENTRATION (COMPOSITION) REENTRY ... ATOM CONCENTRATION CHEMICAL COMPOSITION HYPERBOLIC REENTRY HYPERSONIC REENTRY RT ∞ DENSITY VAMPIRE MK 35 AIRCRAFT VJ-101 AIRCRAFT ... UNCONTROLLED REENTRY **ELECTRON DENSITY (CONCENTRATION)** (SPACECRAFT)
MANNED REENTRY FLUX DENSITY YF-12 AIRCRAFT GAS COMPOSITION GAS DENSITY . YF-16 AIRCRAFT OV-10 AIRCRAFT SPACECRAFT REENTRY
UNCONTROLLED REENTRY ION DENSITY (CONCENTRATION)
IONOSPHERIC COMPOSITION
PLASMA COMPOSITION P-308 AIRCRAFT T-2 AIRCRAFT TSR-2 AIRCRAFT (SPACECRAFT) ABLATION RT AFROASSIST PLASMA DENSITY AEROQUATIC VEHICLES **AEROCAPTURE** PROTON DENSITY (CONCENTRATION) ∞ AIRCRAFT AERODYNAMIC HEATING AEROMANEUVERING ANTISUBMARINE WARFARE AIRCRAFT JET AIRCRAFT MILITARY AIRCRAFT MILITARY HELICOPTERS ATOMIC GASES
USE MONATOMIC GASES BOLIDES DESCENT TRAJECTORIES EARTH ATMOSPHERE MRCA AIRCRAFT SUPERSONIC AIRCRAFT TERRAIN FOLLOWING AIRCRAFT **ATOMIZERS** ∞ ENTRY **ATOMIZING** ENTRY GUIDANCE (STS) EVAPORATORS FALLING GALILEO PROJECT V/STOL AIRCRAFT GAS GUNS SPRAYERS ORBIT DECAY **ATTENUATION** SPACE FLIGHT SPACECRAFT BREAKUP ATTENUATION ATTACK AIRCRAFT
GS ATTACK AIRCRAFT ATMOSPHERIC ATTENUATION . AURORAL ABSORPTION . A-1 AIRCRAFT MICROWAVE ATTENUATION SIDELOBE REDUCTION WAVE ATTENUATION ATMOSPHERIC ENTRY SIMULATION SIMILII ATION A-9 AIRCRAFT EXHAUST FLOW SIMULATION A-10 AIRCRAFT A-37 AIRCRAFT . ATMOSPHERIC ENTRY SIMULATION ENVIRONMENT SIMULATION ACOUSTIC ATTENUATION
. SHOCK WAVE ATTENUATION AT AH-63 HELICOPTER FLIGHT SIMULATORS RADAR ATTENUATION AH-84 HELICOPTER BOMBER AIRCRAFT . A-2 AIRCRAFT .. RADIO ATTENUATION 

BABORPTION LANDING SIMULATION
SPACE ENVIRONMENT SIMULATION **ATTENUATORS** A-3 AIRCRAFT ∞ CONDUCTION DAMPING ATMOSPHERIC HEATING A-4 AIRCRAFT (EXCLUDES AERODYNAMIC HEATING) SN A-5 AIRCRAFT HEATING DIFFRACTION A-6 AIRCRAFT DILUTION . ATMOSPHERIC HEATING **B-1 AIRCRAFT** DISSIPATION . . GLOBAL WARMING B-26 AIRCRAFT B-47 AIRCRAFT ELECTROMAGNETIC ABSORPTION ELECTROMAGNETIC WAVE STRATOSPHERIC WARMING RΤ BOLIDES **B-50 AIRCRAFT** TRANSMISSION B-52 AIRCRAFT B-57 AIRCRAFT **ELIMINATION** ATMOSPHERIC LOADING FADING POLLUTION TRANSPORT **B-58 AIRCRAFT** IMPINGEMENT **B-66 AIRCRAFT** ∞ INHIBITION INTERNAL FRICTION ATMOSPHERIC PHYSICS
UF AEROPHYSICS **B-70 AIRCRAFT** F-100 AIRCRAFT LIGHT (VISIBLE RADIATION) ĞS ATMOSPHERIC PHYSICS SHACKLETON BOMBER MECHANICAL IMPEDANCE ∞PROPAGATION . CLOUD PHYSICS AERONOMY VALIANT AIRCRAFT RT . VICTOR MK-1 AIRCRAFT . VULCAN AIRCRAFT BREGUET 1150 AIRCRAFT ∞ REDUCTION RETARDING BRUNT-VAISALA FREQUENCY DUST STORMS SHIELDING INTERNATIONAL MAGNETOSPHERIC BUCCANEER AIRCRAFT CL-41 AIRCRAFT SIGNAL FADING SIGNAL TO NOISE FIATIOS STUDY MAGNETOSPHERE-IONOSPHERE DH 112 AIRCRAFT DH 115 AIRCRAFT FIGHTER AIRCRAFT SOUND PROPAGATION COUPLING SOUND TRANSMISSION SPATIAL FILTERING METEOROLOGY NEUTRAL SHEETS ALPHA JET AIRCRAFT F-2 AIRCRAFT TRANSMISSION TRANSMISSION LOSS PHYSICS PLANETARY METEOROLOGY F-4 AIRCRAFT TRANSMITTERS SATELLITE ATMOSPHERES F-5 AIRCRAFT F-8 AIRCRAFT VIBRATION DAMPING ∞ SCIENCE SECULAR VARIATIONS WAVE DEGRADATION F-9 AIRCRAFT WAVE DIFFRACTION TURBOPAUSE F-14 AIRCRAFT F-15 AIRCRAFT WAVE DISPERSION WAVE PROPAGATION F-16 AIRCRAFT ATMOSPHERIC TURBULENCE TURBULENCE
ATMOSPHERIC TURBULENCE F-17 AIRCRAFT F-18 AIRCRAFT ATTENUATION COEFFICIENTS CLEAR AIR TURBULENCE F-20 AIRCRAFT COEFFICIENTS
. ATTENUATION COEFFICIENTS GUSTS
LOW LEVEL TURBULENCE
AVIATION METEOROLOGY
DISSIPATION F-27 AIRCRAFT F-84 AIRCRAFT DIFFUSION COEFFICIENT FLOW COEFFICIENTS RT F-86 AIRCRAFT F-89 AIRCRAFT **GUST LOADS** F-94 AIRCRAFT OPACITY REFLECTANCE HOMOGENEOUS TURBULENCE F-100 AIRCRAFT

F-101 AIRCRAFT

SCATTERING COEFFICIENTS

#### **AUTOMATIC FLIGHT CONTROL**

AUTOMATIC CONTROL-(CONT.)

DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC AIRCRAFT
ELECTRONIC CONTROL ATTITUDE STABILITY-(CONT.)
DYNAMIC STABILITY
MOTION STABILITY ATTENUATION COEFFICIENTS-(CONT.)
TRANSMISSION EFFICIENCY TRANSMITTANCE ATTITUDE STABILITY
DIRECTIONAL STABILITY ATTITUDE (INCLINATION) GYROSCOPIC STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DISCOS (SATELLITE ATTITUDE ENGINE CONTROL
ENVIRONMENTAL CONTROL SPATIAL ORIENTATION ENVIRONMENTAL CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HELICOPTER CONTROL
HYDRAULIC CONTROL

SINSTRUMENTS TILT TILTING RT GS ATTITUDE (INCLINATION)
. PITCH (INCLINATION) CONTROL)
HOVERING STABILITY SATELLITE ORIENTATION YAW HOVERING STABILITY
LOW SPEED STABILITY
SATELLITE ATTITUDE CONTROL
SPACECRAFT MOTION
SPACECRAFT STABILITY
TUMBLING MOTION JET CONTROL LANDING INSTRUMENTS LATERAL CONTROL . YAW HORIZONTAL ORIENTATION INSTRUMENT ORIENTATION RT MISALIGNMENT LONGITUDINAL CONTROL MANUAL CONTROL MEASURING INSTRUMENTS ∞ MOTION ∞ ORIENTATION ∞ POSITION

∞ SPACE ORIENTATION

STABILITY AUGMENTATION MISSILE CONTROL
NEGATIVE FEEDBACK
PNEUMATIC CONTROL AUDIO EQUIPMENT AUDIO EQUIPMENT . EARPHONES TILTMETERS
VERTICAL ORIENTATION PREDMATIC CONTROL
RADIO CONTROL
REAL TIME OPERATION
RECORDING INSTRUMENTS
REENTRY GUIDANCE
REGULATORS LOUDSPEAKERS . MICROPHONES RT ATTITUDE CONTROL
GS ATTITUDE CONTROL MONAURAL SIGNALS DIRECTIONAL CONTROL THRUST VECTOR CONTROL RELIEF VALVES
REMOTE CONTROL
ROBOTICS AUDIO VISUAL EQUIPMENT
USE TRAINING DEVICES LATERAL CONTROL LATERIAL CONTROL
LONGITUDINAL CONTROL
SATELLITE ATTITUDE CONTROL
AIR TRAFFIC CONTROL
AIRCRAFT CONTROL
AUTOMATIC CONTROL VISUAL AIDS ROBOTICS
ROCKET ENGINE CONTROL
SAMPLED DATA SYSTEMS
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE **AUTOGYROS** V/STOL AIRCRAFT GS ROTARY WING AIRCRAFT
. AUTOGYROS COLD GAS SELF ABSORPTION SERVOCONTROL SERVOMECHANISMS . AVIAN 2/180 AUTOGIRO CONTROL MOMENT GYROSCOPES CONTROL MOMENT GYROSI
FLIGHT CONTROL
GUIDANCE SENSORS
HELICOPTER CONTROL
HORIZON SCANNERS
MAGNETIC CONTROL
MIRANDA SATELLITE
MISSILE CONTROL
ORBITAL LIFETIME
REACTION WHEELS
REMOTE CONTROL
SATELLITE CONTROL
SATELLITE CONTROL
SATELLITE CONTROL
SATELLITE CONTROL
SATELLITE CONTROL
SATELLITE CONTROL
SPACECRAFT CONTROL
SPACECRAFT CONTROL
SPACING AUTOMATED EN ROUTE ATC
GS GROUND BASED CONTROL
. AIR TRAFFIC CONTROL
. AUTOMATED EN ROUTE ATC
TRAFFIC CONTROL
. AIR TRAFFIC CONTROL
. AUTOMATED EN ROUTE ATC
RT AIRCRAFT GUIDANCE
AIRCRAFT GUIDANCE SERVOMOTORS
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE SPACECHAFT GUIDANCE SPEED CONTROL STABILITY AUGMENTATION TEMPERATURE CONTROL TERMINAL CONFIGURED VEHICLE PROGRAM THERMOSTATS APPROACH CONTROL
AUTOMATED PILOT ADVISORY SYSTEM
FLIGHT CONTROL THRUST VECTOR CONTROL TRACKING PROBLEM TRANSFER FUNCTIONS GROUND-AIR-GROUND COMMUNICATION MICROWAVE LANDING SYSTEMS TURBOJET ENGINE CONTROL AUTOMATED PILOT ADVISORY SYSTEM SPACING
SPACING
SPIN STABILIZATION
STAR TRACKERS
THRUST CONTROL
TRAJECTORY CONTROL
VISUAL CONTROL AUTOMATIC CONTROL VALVES
GS VALVES
. AUTOMATIC CONTROL VALVES
. PRESSURE REGULATORS
. RELIEF VALVES AIR TRAFFIC CONTROL AUTOMATED EN ROUTE ATC AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION ∞ SYSTEMS .. HELIEF VALVES
ACTUATORS
CONTROL
DAMPERS (VALVES)
DYNAMIC CHARACTERISTICS
FLUID AMPLIFIERS AUTOMATIC CONTROL
UF SELF REGULATING
GS AUTOMATIC CONTROL
. ADAPTIVE CONTROL
. ACTIVE CONTROL ATTITUDE GYROS **GYROSCOPES** . ATTITUDE GYROS
.. GYRO HORIZONS
CONTROL MOMENT GYROSCOPES FLUID SWITCHING ELEMENTS GAS VALVES MACHINE LEARNING MODEL REFERENCE ADAPTIVE HYDRAULIC EQUIPMENT PNEUMATIC CONTROL REGULATORS SEA KEEPING CONTROL CONTROL
SELF ADAPTIVE CONTROL SYSTEMS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL ATTITUDE INDICATORS HELICOPTER ATTITUDE INDICATORS
YAWMETERS SERVOMECHANISMS SOLENOID VALVES
TEMPERATURE CONTROL FLIGHT INSTRUMENTS
. ATTITUDE INDICATORS
. . GYRO HORIZONS DYNAMIC CONTROL FEEDBACK CONTROL CASCADE CONTROL **AUTOMATIC FLIGHT CONTROL** MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. ATTITUDE INDICATORS AFCS (CONTROL SYSTEM) AUTOMATIC CONTROL GS FEEDFORWARD CONTROL NUMERICAL CONTROL OFF-ON CONTROL . AUTOMATIC FLIGHT CONTROL
. . AUTOMATIC LANDING CONTROL
FLIGHT CONTROL ... GYRO HORIZONS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS AUTOMATIC FLIGHT CONTROL
. AUTOMATIC LANDING CONTROL
AIRCRAFT CONTROL
AIRCRAFT INSTRUMENTS
AUTONOMOUS NAVIGATION OPTIMAL CONTROL
LINEAR QUADRATIC REGULATOR
LINEAR QUADRATIC GAUSSIAN .. ATTITUDE INDICATORS
... GYRO HORIZONS
AIRCRAFT INSTRUMENTS CONTROL
TIME OPTIMAL CONTROL
PROPORTIONAL CONTROL
SELF ALIGNMENT CONTROL MOMENT GYROSCOPES FLIGHT CONTROL AUTONOMOUS NAVIGATION
CONTROL
DISTANCE MEASURING EQUIPMENT
FLIGHT MANAGEMENT SYSTEMS
HIGHLY MANEUVERABLE AIRCRAFT
MISSILE CONTROL . SEQUENTIAL CONTROL AIRCRAFT CONTROL ATTITUDE CONTROL ATTITUDE STABILITY SATELLITE ATTITUDE DISTURBANCE DYNAMIC CHARACTERISTICS DYNAMIC STABILITY
. MOTION STABILITY
. ATTITUDE STABILITY AUTOMATION
COMBUSTION CONTROL
CONTROL NAVIGATION NAVIGATION AIDS RADAR NAVIGATION RADIO NAVIGATION DIRECTIONAL STABILITY
GYROSCOPIC STABILITY CONTROL EQUIPMENT SOLAR COMPASSES TERMINAL CONFIGURED VEHICLE CONTROL SYSTEMS DESIGN CONTROLLERS LATERAL STABILITY DEPERSONALIZATION DIRECTIONAL CONTROL PROGRAM
THRUST VECTOR CONTROL LONGITUDINAL STABILITY STABILITY

#### **AUTOMATIC LANDING CONTROL**

**AUTOMATIC LANDING CONTROL** AUTOROTATION AWACS AIRCRAFT-(CONT.) AUTOMATIC CONTROL
. AUTOMATIC FLIGHT CONTROL WINDMILLING GYRATION AWACS AIRCRAFT . E-2 AIRCRAFT ĞS. **AUTOMATIC LANDING CONTROL** . ROTATION E-3A AIRCRAFT FLIGHT CONTROL . . AUTOROTATION ROTARY WING AIRCRAFT . E-4A AIRCRAFT . AUTOMATIC FLIGHT CONTROL RT AUTOMATIC LANDING CONTROL **ROTOCHUTES** BOEING AIRCRAFT LANDING AIDS
. INSTRUMENT LANDING SYSTEMS COMMAND AND CONTROL EARLY WARNING SYSTEMS AV-SA AIRCRAFT AUTOMATIC LANDING CONTROL AIRBORNE EQUIPMENT AIRCRAFT EQUIPMENT GRUMMAN AIRCRAFT
MILITARY AIRCRAFT
MILITARY TECHNOLOGY USF HARRIER AIRCRAFT RT **AV-8B AIRCRAFT** BLIND LANDING HARRIER AIRCRAFT AXES OF ROTATION
GS AXES (REFERENCE LINES)
AXES OF ROTATION
EARTH AXIS
RT BODIES OF REVOLUTION DISTANCE MEASURING EQUIPMENT FLIGHT MANAGEMENT SYSTEMS AVIAN 2/180 AUTOGIRO MICROWAVE LANDING SYSTEMS TERMINAL CONFIGURED VEHICLE RESEARCH AIRCRAFT . AVIAN 2/180 AUTOGIRO V/STOL AIRCRAFT ROTATING BODIES . ROTARY WING AIRCRAFT **AUTOMATIC LIGHT AIRCRAFT READINESS POTATION** . AUTOGYROS SHAFTS (MACHINE ELEMENTS) MONITOR ... AVIAN 2/160 AUTOGIRO ALARM PROJECT SYMMETRICAL BODIES AVIATION **AUTOMATIC PILOTS** AXIAL COMPRESSORS
USE TURBOCOMPRESSORS AUTOPILOTS **AERONAUTICS** USE AIRCRAFT INSTRUMENTS
AUTOMATIC PILOTS GS AVIATION METEOROLOGY FLIGHT INSTRUMENTS METEOROLOGY
. AVIATION METEOROLOGY
AIRCRAFT ACCIDENT INVESTIGATION G\$ FLUID FLOW GS . AUTOMATIC PILOTS AIRCRAFT EQUIPMENT AXIAL FLOW RT RT ANNULAR FLOW AXISYMMETRIC FLOW FLIGHT CONTROL GYROSCOPES HIGHLY MANEUVERABLE AIRCRAFT AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
ATMOSPHERIC TURBULENCE COAXIAL FLOW COAXIAL NOZZLES CIVIL AVIATION COUNTERFLOW CLEAR AIR TURBULENCE FLIGHT CONDITIONS LANDING AIDS NAVIGATION AIDS DISCHARGE COEFFICIENT FLOW GEOMETRY FLIGHT HAZARDS FLIGHT SAFETY ONE DIMENSIONAL FLOW ∞ PILOTS RADIO ALTIMETERS SOLAR COMPASSES RADIAL FLOW THREE DIMENSIONAL FLOW METEOROLOGICAL PARAMETERS METEOROLOGICAL SERVICES TWO DIMENSIONAL FLOW MILITARY AVIATION NOWCASTING AXIAL FLOW COMPRESSORS
USE TURBOCOMPRESSORS MEASURING INSTRUMENTS NUMERICAL WEATHER FORECASTING RUNWAY CONDITIONS SELF TESTS SNEAK CIRCUIT ANALYSIS AXIAL FLOW PUMPS WIND SHEAR ∞ TEST EQUIPMENT GS PUMPS . AXIAL FLOW PUMPS **AVIATORS** AUTOMATIC TRAFFIC ADVISORY AND . TURBINE PUMPS CENTRIFUGAL PUMPS USE AIRCRAFT PILOTS RESOLUTION RT (AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION SERVICE) **AVIONICS** ∞ AERONAUTICS AXIAL FLOW TURBINES AUTOMATED PILOT ADVISORY SYSTEM AIRBORNE EQUIPMENT AIRCRAFT COMMUNICATION GS TURBOMACHINERY COLLISION AVOIDANCE TURBINES AIRCRAFT EQUIPMENT AIRCRAFT INSTRUMENTS GROUND BASED CONTROL AXIAL FLOW TURBINES NAVIGATION AIDS GAS TURBINE ENGINES
GAS TURBINES ASTRIONICS ASTRONAUTICS RT RESOLUTION ∞ SYSTEMS STEAM TURRINES ∞ CONTROL **AUTOMATIC WEATHER STATIONS** AXISYMMETRIC BODIES
GS SYMMETRICAL BODIES
. AXISYMMETRIC BODIES
RT BLUNT BODIES FLIGHT MANAGEMENT SYSTEMS GUIDANCE (MOTION) HEAD-UP DISPLAYS **STATIONS** WEATHER STATIONS
. AUTOMATIC WEATHER STATIONS DATA ACQUISITION MODULARITY BODIES DATA ACQUISITION
DATA COLLECTION PLATFORMS
INSTRUMENT PACKAGES SELF TESTS SINGLE EVENT UPSETS SYSTEMS INTEGRATION BODIES OF REVOLUTION CONICAL BODIES DUCTED BODIES METEOROLOGICAL SERVICES
OCEAN DATA ACQUISITIONS SYSTEMS ∞TEST EQUIPMENT

VIDEO LANDMARK ACQUISITION AND LENTICULAR BODIES MISSILE BODIES REMOTE SENSORS WEATHER DATA RECORDERS TRACKING SLENDER BODIES SLENDER CONES STREAMLINED BODIES AVRO WHITWORTH HS-748 AIRCRAFT USE HS-748 AIRCRAFT **AUTOMOBILE ENGINES** EXTERNAL COMBUSTION ENGINES INTERNAL COMBUSTION ENGINES PISTON ENGINES AXISYMMETRIC FLOW AVRO 698 AIRCRAFT FLUID FLOW
. AXISYMMETRIC FLOW ROTARY ENGINES USE **VULCAN AIRCRAFT** STIRLING ENGINES TURBINE ENGINES ANNULAR FLOW **AVRO 707 AIRCRAFT** KARMAN-BODEWADT FLOW WANKEL ENGINES HAWKER SIDDELEY AIRCRAFT AT AXIAL FLOW . AVRO 707 AIRCRAFT JET AIRCRAFT COAXIAL FLOW **AUTOMOBILE FUELS** CONICAL FLOW COUETTE FLOW AVRO 707 AIRCRAFT **FUELS** CHEMICAL FUELS MONOPLANES CROCCO METHOD CYLINDRICAL WAVES FLOW GEOMETRY . LIQUID FUELS AVRO 707 AIRCRAFT RESEARCH AIRCRAFT
. AVRO 707 AIRCRAFT
TAILLESS AIRCRAFT AUTOMOBILE FUELS AIRCRAFT FUELS ANTIKNOCK ADDITIVES RT HELICAL FLOW THREE DIMENSIONAL BOUNDARY LAYER DIESEL FUELS GASOLINE AVRO 707 AIRCRAFT RT m AIRCRAFT HYDROCARBON FUELS **DELTA WINGS** AYLES USE SHAFTS (MACHINE ELEMENTS) INTERNAL COMBUSTION ENGINES VULCAN AIRCRAFT SYNTHANE **AZIMUTH AWACS AIRCRAFT** 

AIRBORNE WARNING AND CONTROL

SYSTEM

UF

SOLAR AZIMUTH

ALTITUDE

**AUTOPILOTS** 

**AUTOMATIC PILOTS** 

	B-52 AIRCRAFT-(CONT.)	BAC 111 AIRCRAFT-(CONT.)
AZIMUTH-(CONT.) ANGLES (GEOMETRY)	B-52 AIRCRAFT	BAC 111 AIRCRAFT
ASTRONOMICAL COORDINATES	MONOPLANES	MONOPLANES
BEARING (DIRECTION)	. B-52 AIRCRAFT	BAC 111 AIRCRAFT
CELESTIAL REFERENCE SYSTEMS	RT ∞AIRCRAFT	PASSENGER AIRCRAFT
∞ DIRECTION	PEGASUS AIR-LAUNCHED BOOSTER	BAC 111 AIRCRAFT
ELEVATION ANGLE	TURBOFAN ENGINES	TRANSPORT AIRCRAFT
LOOK ANGLES (TRACKING)		BAC 111 AIRCRAFT
NAVIGATION	B-57 AIRCRAFT	RT ∞AIRCRAFT
∞ ORIENTATION	UF CANBERRA BOMBER	
POSITION (LOCATION)	RB-57 AIRCRAFT	BACKFIRE
	GS ATTACK AIRCRAFT	RT COMBUSTION
A2F AIRCRAFT	. BOMBER AIRCRAFT	DEFLAGRATION
USE A-6 AIRCRAFT	B-57 AIRCRAFT	EXPLOSIONS
	JET AIRCRAFT	FIRES FLAME DEFLECTORS
A3D AIRCRAFT	, B-57 AIRCRAFT Martin Aircraft	FLAME DEFLECTORS FLAME PROPAGATION
USE A-3 AIRCRAFT	. B-57 AIRCRAFT	FLASHBACK
	MONOPLANES	FLASHDACK
A3J AIRCRAFT	. B-57 AIRCRAFT	DACKODOLINO NOISE
USE A-5 AIRCRAFT	RT ∞AIRCRAFT	BACKGROUND NOISE RT CHANNEL NOISE
	CANBERRA AIRCRAFT	COSMIC NOISE
A4D AIRCRAFT		ELASTIC WAVES
USE A-4 AIRCRAFT	B-58 AIRCRAFT	ELECTROMAGNETIC NOISE
	UF HUSTLER AIRCRAFT	IONOSPHERIC NOISE
	GS ATTACK AIRCRAFT	∞ NOISE
	. BOMBER AIRCRAFT	NOISE (SOUND)
В	B-58 AIRCRAFT	NOISE MEASUREMENT
<b>D</b>	GENERAL DYNAMICS AIRCRAFT	NOISE SPECTRA
	B-58 AIRCRAFT	NOISE THRESHOLD
B-A-W DEVICES	JET AIRCRAFT	∞ RADIATION
USE BULK ACOUSTIC WAVE DEVICES	. B-58 AIRCRAFT	RANDOM NOISE
	MONOPLANES . B-58 AIRCRAFT	∞RAYS
B-1 AIRCRAFT	SUPERSONIC AIRCRAFT	SIGNAL TO NOISE RATIOS SQUELCH CIRCUITS
GS ATTACK AIRCRAFT	. B-58 AIRCRAFT	SQUELCH CIRCUITS
. BOMBER AIRCRAFT	TAILLESS AIRCRAFT	
. B-1 AIRCRAFT	B-58 AIRCRAFT	BACKWARD DIFFERENCING
NORTH AMERICAN AIRCRAFT	RT ∞AIRCRAFT	RT DIFFERENTIAL EQUATIONS
B-1 AIRCRAFT		NUMERICAL STABILITY
RT ∞AIRCRAFT BOMBING EQUIPMENT	B-66 AIRCRAFT	PROBLEM SOLVING
BOMBS (ORDNANCE)	UF DESTROYER AIRCRAFT	
COMBAT	RB-66 AIRCRAFT	BACKWARD FACING STEPS  UF REARWARD FACING STEPS
JET AIRCRAFT	GS ATTACK AIRCRAFT	UF REARWARD FACING STEPS RT BOUNDARY LAYER FLOW
∞ MILITARY AIRCRAFT	. BOMBER AIRCRAFT	FLOW GEOMETRY
MULTIENGINE VEHICLES	B-66 AIRCRAFT	FLUID BOUNDARIES
WARFARE	JET AIRCRAFT	REATTACHED FLOW
∞ WINGED VEHICLES	. B-66 AIRCRAFT	RECIRCULATIVE FLUID FLOW
	MCDONNELL DOUGLAS AIRCRAFT	STAIRSTEPS
B-26 AIRCRAFT	. DOUGLAS AIRCRAFT	∞ STEPS
UF INVADER AIRCRAFT	<b>B-66 AIRCRAFT</b> MONOPLANES	
GS ATTACK AIRCRAFT	. B-66 AIRCRAFT	BACKWASH
. BOMBER AIRCRAFT	RT ∞AIRCRAFT	SN (EXCLUDES PROCESSES OF
B-26 AIRCRAFT	THE WAITON PARTY	BACKWASHING)
MARTIN AIRCRAFT	B-70 AIRCRAFT	UF SIDEWASH
. B-26 AIRCRAFT MONOPLANES	UF VALKYRIE AIRCRAFT	RT BOUNDARY LAYER STABILITY
. B-26 AIRCRAFT	XB-70 AIRCRAFT	DOWNWASH
RT & AIRCRAFT	GS ATTACK AIRCRAFT	SLIPSTREAMS
777 - 67717-07-17-17	. BOMBER AIRCRAFT	STROUHAL NUMBER
B-47 AIRCRAFT	B-70 AIRCRAFT	TURBULENCE
UF RB-47 AIRCRAFT	JET AIRCRAFT	WAKES
STRATOJET AIRCRAFT	. B-70 AIRCRAFT	
XB-47 AIRCRAFT	MONOPLANES B 70 AIRCRAFT	BAGGAGE
GS ATTACK AIRCRAFT	. B-70 AIRCRAFT	GS CARGO
. BOMBER AIRCRAFT	NORTH AMERICAN AIRCRAFT . B-70 AIRCRAFT	. <b>BAGGAGE</b> RT AIR CARGO
B-47 AIRCRAFT	RESEARCH AIRCRAFT	BAGS
BOEING AIRCRAFT  B-47 AIRCRAFT	. B-70 AIRCRAFT	GROUND HANDLING
JET AIRCRAFT	SUPERSONIC AIRCRAFT	
. B-47 AIRCRAFT	. B-70 AIRCRAFT	BAGS
MONOPLANES	RT ∞AIRCRAFT	GS BAGS
B-47 AIRCRAFT		. AIR BAG RESTRAINT DEVICES
RT ∞AIRCRAFT	BAC AIRCRAFT	. GAS BAGS
<del></del>	UF BRITISH AIRCRAFT CORP AIRCRAFT	RT BAGGAGE
B-50 AIRCRAFT	GS BAC AIRCRAFT	∞ CONTAINERS
GS ATTACK AIRCRAFT	. BAC 111 AIRCRAFT	PACKAGES
. BOMBER AIRCRAFT	CANBERRA AIRCRAFT	
B-50 AIRCRAFT	. H-126 AIRCRAFT . JET PROVOST AIRCRAFT	BAILOUT
BOEING AIRCRAFT	SCIMITAR AIRCRAFT	RT AIR DROP OPERATIONS
B-50 AIRCRAFT	. TSR-2 AIRCRAFT	EJECTION IN HERES
JET AIRCRAFT	. VALIANT AIRCRAFT	EJECTION INJURIES EJECTION SEATS
B-50 AIRCRAFT	VC-10 AIRCHAFT	EJECTION SEATS EJECTION TRAINING
MONOPLANES B SO ALPOPAET	. VISCOUNT AIRCRAFT	ESCAPE (ABANDONMENT)
. 8-50 AIRCRAFT RT ∞AIRCRAFT	RT ∞AIRCRAFT	ESCAPE SYSTEMS
RT ∞AIRCRAFT		FLYING EJECTION SEATS
B-52 AIRCRAFT	BAC TSR 2 AIRCRAFT	JETTISON SYSTEMS
UF STRATOFORTRESS AIRCRAFT	USE TSR-2 AIRCRAFT	JETTISONING
GS ATTACK AIRCRAFT		PARACHUTE DESCENT
BOMBER AIRCRAFT	BAC 111 AIRCRAFT	
. B-52 AIRCRAFT	GS BAC AIRCRAFT	BALANCE
BOEING AIRCRAFT	BAC 111 AIRCRAFT	RT AERODYNAMIC BALANCE
. B-52 AIRCRAFT	JET AIRCRAFT	COMPENSATORS
JET AIRCRAFT	. TURBOFAN AIRCRAFT	∞ EQUILIBRIUM

#### **BALLAST**

BALLOON FLIGHT-(CONT.) VERTICAL FLIGHT BALANCE-(CONT.) BAROCLINITY-(CONT.)
BAROTROPIC FLOW HEAT BALANCE ∞ MASS BALANCE BAROTROPISM MASS DISTRIBUTION **BALLOON SOUNDING** ∞ ISOBARS MATERIAL BALANCE METEOROLOGICAL SOLENOIDS GS SOUNDING WEIGHT INDICATORS BALLOON SOUNDING STRATIFIED FLOW ATMOSPHERIC SOUNDING RADIOSONDES ВT ∞ BALLAST BAROTROPIC FLOW (USE OF A MORE SPECIFIC TERM IS SUPERPRESSURE BALLOONS FLUID FLOW
BAROTROPIC FLOW RECOMMENDED-CONSULT THE TERMS LISTED BELOW) BALLOON-BORNE INSTRUMENTS
GS MEASURING INSTRUMENTS AIR CURRENTS BALLAST (MASS)
BALLASTS (IMPEDANCES) RT AIR FLOW BALLOON-BORNE INSTRUMENTS BAROCLINIC WAVES AIRBORNE EQUIPMENT RT BAROCLINITY BALLISTIC MISSILE DECOYS BALLOONS BAROTROPISM FLOW CHARACTERISTICS HIGH ALTITUDE BALLOONS METEOROLOGICAL INSTRUMENTS COUNTERMEASURES BALLISTIC MISSILE DECOYS LEE WAVES RADIOSONDES PLANETARY WAVES BALLISTIC MISSILE DECOYS TELESCOPES RAYLEIGH WAVES MISSILE DEFENSE RT ROSSBY REGIMES SEA BREEZE REENTRY DECOYS BALLOONS EXPANDABLE STRUCTURES VISCOUS FLOW BALLISTIC MISSILES
SN (GUIDED ONLY DURING INITIAL INFLATABLE STRUCTURES
BALLOONS WIND (METEOROLOGY) WIND SHEAR HIGH ALTITUDE BALLOONS
. JIMSPHERE BALLOONS
. SKYHOOK BALLOONS POWERED PHASE) GS MISSHES **BAROTROPISM** BALLISTIC MISSILES BAROTROPISM GS FIELD ARMY BALLISTIC MISSILES
SUBROC MISSILE
INTERCONTINENTAL BALLISTIC SUPERPRESSURE BALLOONS PLANETARY WAVES METEOROLOGICAL BALLOONS BAROCLINITY JIMSPHERE BALLOONS BAROTROPIC FLOW MISSILES ATLAS ICBM . ROBIN BALLOONS ∞ ISOBARS ATLAS D ICBM ATLAS E ICBM ATLAS F ICBM TETHERED BALLOONS ∞ AIRCRAFT AIRSHIPS **∞ BARRAGES** RT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS MINUTEMAN ICBM LISTED BELOW) TITAN ICBM TITAN 1 ICBM BALLOON-BORNE INSTRUMENTS BALLUTES ΑT ARTILLERY FIRE TITAN 2 ICBM FOLDING STRUCTURES DAMS INTERMEDIATE RANGE BALLISTIC GAS BAGS MISSILES GONDOLAS ∞ BARRELS BLUE STREAK MISSILE JUPITER MISSILE POLARIS MISSILES OBSERVATION AIRCRAFT PARAVULCOONS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN PILOTLESS AIRCRAFT STRATOSCOPE TELESCOPES LISTED BELOW)
BARRELS (CONTAINERS) POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
PERSHING MISSILE RT ∞ DRUMS BALLUTES **GUN LAUNCHERS** BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES POSEIDON MISSILES **BARRICADES** SHORT RANGE BALLISTIC MISSILES BALLUTES USE BARRIERS SKYBOLT MISSILE DRAG DEVICES
AERODYNAMIC BRAKES V-2 MISSILE ANTIMISSILE MISSILES SAFEGUARD SYSTEM ЯT BALLUTES ∞ BARRIERS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN SURFACE TO SURFACE MISSILES BALLUTES LISTED BELOW) **BALLISTIC RANGES** RT AIR DROP OPERATIONS AIRCRAFT BRAKES HF BARRICADES RANGES (FACILITIES)
TEST RANGES OBSTACLES ABORT APPARATUS ACOUSTIC VELOCITY BALLOONS RT DRAG CHUTES BALLISTIC RANGES TEST FACILITIES FOLDING STRUCTURES ARRESTING GEAR TEST RANGES
BALLISTIC RANGES PARACHUTES BAFFLES BARRIER LAYERS BARRIERS (LANDFORMS)
BARRITT DIODES
BLOOD-BRAIN BARRIER RT DOWNRANGE **BANKING FLIGHT** HYDROBALLISTICS MISSILE RANGES USE TURNING FLIGHT BULKHEADS BARDEEN APPROXIMATION
USE BARRIER LAYERS CHAINS **BALLISTIC TRAJECTORIES** CLOSURES TRAJECTORIES
. BALLISTIC TRAJECTORIES **ELECTRICAL PROPERTIES** CONSTRICTIONS CURTAINS SURFACE PROPERTIES ASCENT TRAJECTORIES RT DAMS BALLISTICS BAROCLINIC WAVES COASTING FLIGHT DIVIDERS ELASTIC WAVES
. CAPILLARY WAVES
. GRAVITY WAVES ELECTRODE FILM BARRIERS DESCENT TRAJECTORIES DOWNRANGE ELECTRODE FILM BA ENCLOSURES FENCES (BARRIERS) GATES (OPENINGS) GUARDS (SHIELDS) MBM JUNCTIONS FREE FALL ... BAROCLINIC WAVES SURFACE WAVES IMPACT PREDICTION MIDCOURSE TRAJECTORIES CAPILLARY WAVES MISSILE TRAJECTORIES GRAVITY WAVES . BAROCLINIC WAVES SAFETY DEVICES PARABOLIC FLIGHT SCHOTTKY DIODES SEALS (STOPPERS) SHIELDING BAROCLINIC INSTABILITY BAROCLINITY **∞ BALLISTIC VEHICLES** (USE OF A MORE SPECIFIC TERM IS RECOMMENDED.-CONSULT THE TERMS BAROTROPIC FLOW THERMAL BARRIERS (PLASMA CONTROL) VAPOR BARRIER CLOTHING CYCLONES LISTED BELOW) DENSITY DISTRIBUTION NONLIFTING VEHICLES
REENTRY VEHICLES GEOSTROPHIC WIND WALLS WIND (METEOROLOGY) RΤ RADIATION PRESSURE ROCKET VEHICLES STRATIFIED FLOW WINDOWS (APERTURES) TEST VEHICLES WAVE AMPLIFICATION ∞ VEHICLES ∞ WAVES WEAPONS ZONAL FLOW (METEOROLOGY) BASE FLOW FLUID FLOW

BAROCLINITY

BAROCLINIC INSTABILITY BAROCLINIC WAVES

GS

RT

BASE FLOW

HEAD FLOW

WAKES

**BALLOON FLIGHT** 

∞FLIGHT

METEOROLOGICAL FLIGHT

BASE I	HEATING	∞ BEARING	BELL AIRCRAFT-(CONT.)
GS	HEATING	SN (USE OF A MORE SPECIFIC TER	RM IS . UH-1 HELICOPTER
	BASE HEATING	RECOMMENDED-CONSULT THE	TERMS . V-22 AIRCRAFT . X-1 AIRCRAFT
RT	AFTERBODIES	LISTED BELOW)	X-2 AIRCRAFT
	CONVECTION	RT BEARING (DIRECTION)	. X-2 AIRCRAFT
	EXHAUST NOZZLES	BEARINGS INTERNAL COMBUSTION ENGINE	
	JET EXHAUST	INTERINAL COMBOSTION ENGINE	X-22 AIRCRAFT
	JET IMPINGEMENT	PEARING (DIRECTION)	XV-3 AIRCRAFT
	∞ RADIATION ROCKET EXHAUST	BEARING (DIRECTION) RT ALIGNMENT	XV-15 AIRCRAFT
	HOCKET EXHAUST	AZIMUTH	RT ∞AIRCRAFT
		∞ BEARING	
	PRESSURE	∞ DIRECTION	BELL 214A HELICOPTER
GS	PRESSURE	DIRECTION FINDING	GS BELL AIRCRAFT
	. BASE PRESSURE	EXPOSURE	BELL 214A HELICOPTER
RT	AERODYNAMIC DRAG	FIELD OF VIEW	V/STOL AIRCRAFT
		INSTRUMENT ORIENTATION	. ROTARY WING AIRCRAFT
BASEM	ENTS	∞ ORIENTATION	HELICOPTERS
RT	BUILDINGS	POSITION (LOCATION)	MILITARY HELICOPTERS
	FLOORS	SOUND LOCALIZATION	BELL 214A HELICOPTER
	FOUNDATIONS	∞ SPACE ORIENTATION	RT ∞AIRCRAFT
		DEADUIGI FOR DOTODO	VERTICAL TAKEOFF AIRCRAFT
∞ BASES		BEARINGLESS ROTORS	
SN	(USE OF A MORE SPECIFIC TERM IS	GS AIRFOILS . WINGS	BELTRAMI FLOW
	RECOMMENDED-CONSULT THE TERMS	ROTARY WINGS	GS FLUID FLOW
	LISTED BELOW)	LIFTING ROTORS	. BELTRAMI FLOW
RT	BASES (CHEMICAL)	BEARINGLESS ROTORS	RT INCOMPRESSIBLE FLOW
	DATA BASES	ROTATING BODIES	STEADY FLOW
	FOUNDATIONS INORGANIC COMPOUNDS	. ROTORS	VORTICITY
	ION CONCENTRATION	ROTARY WINGS	
	LUNAR BASES	LIFTING ROTORS	BENARD CELLS
	SPACE BASES	BEARINGLESS ROTORS	GS CONVECTION
	STATIONS	RT HINGES	. FREE CONVECTION RAYLEIGH-BENARD CONVECTION
		RIGID ROTORS	BENARD CELLS
BASKE	70		FLUID FLOW
RT	∞CONTAINERS	BEDS	CONVECTIVE ELOW
131	GONDOLAS	RT BEDS (PROCESS ENGINEERING)	RAYLEIGH-BENARD CONVECTION
	donbobio	COUCHES	BENARD CELLS
			RT CONVECTION CURRENTS
∞ BAYS	(USE OF A MORE SPECIFIC TERM IS	BEECH AIRCRAFT USE BEECHCRAFT AIRCRAFT	RAYLEIGH NUMBER
SN	RECOMMENDED-CONSULT THE TERMS	USE BEECHCRAFT AIRCRAFT	SOLAR GRANULATION
	LISTED BELOW)	BEECH C-33 AIRCRAFT	
RT	BAYS (STRUCTURAL UNITS)	USE C-33 AIRCRAFT	BENCHES
	BAYS (TOPOGRAPHIC FEATURES)	OGE COS AINONAIN	USE SEATS
	·	BEECH S-35 AIRCRAFT	
RAVS	(STRUCTURAL UNITS)	USE C-35 AIRCRAFT	BERENICE ROCKET VEHICLE
RT	AIRCRAFT COMPARTMENTS		GS ROCKET VEHICLES
•••	AIRFRAMES	BEECH 99 AIRCRAFT	. MULTISTAGE ROCKET VEHICLES
	∞ BAYS	GS BEECHCRAFT AIRCRAFT	BERENICE ROCKET VEHICLE
	COMPARTMENTS	BEECH 99 AIRCRAFT	RT HYPERSONIC REENTRY
	FUSELAGES	BEECHCRAFT 18 AIRCRAFT	SOLID PROPELLANT ROCKET ENGINES
	HULLS (STRUCTURES)	C-33 AIRCRAFT	
	SHELLS (STRUCTURAL FORMS)	C-35 AIRCRAFT	BERNOULLI EQUATION
		LIGHT AIRCRAFT	USE BERNOULLI THEOREM
BE-3 E	NGINE	BEECH 99 AIRCRAFT	
GS	ENGINES	BEECHCRAFT 18 AIRCRAFT C-33 AIRCRAFT	BERNOULLI THEOREM
	. ROCKET ENGINES	C-35 AIRCRAFT	UF BERNOULLI EQUATION
	RETROROCKET ENGINES	RT ∞AIRCRAFT	GS THEOREMS
	BE-3 ENGINE	∞LOW WING AIRCRAFT	. <b>BERNOULLI THEOREM</b> RT CONSERVATION EQUATIONS
PIT	ATHENA ROCKET VEHICLE		∞ EQUATIONS
	RANGER LUNAR LANDING VEHICLES	BEECHCRAFT AIRCRAFT	FLOW EQUATIONS
	SOLID PROPELLANT ROCKET ENGINES	UF BEECH AIRCRAFT	FLUID FLOW
		GS BEECHCRAFT AIRCRAFT	ISENTROPIC PROCESSES
BEACO		. BEECH 99 AIRCRAFT	LINEARIZATION
GS	NAVIGATION AIDS . BEACONS	BEECHCRAFT 18 AIRCRAFT	MAGNUS EFFECT
	AIRPORT BEACONS	C-33 AIRCRAFT	PANEL METHOD (FLUID DYNAMICS)
	DISCRETE ADDRESS BEACON	C-35 AIRCRAFT	
	SYSTEM	RT ∞AIRCRAFT	∞ BICYCLE
	RADAR BEACONS		SN (USE OF A MORE SPECIFIC TERM IS
	DISCRETE ADDRESS BEACON	BEECHCRAFT 18 AIRCRAFT	RECOMMENDEDCONSULT THE TERMS
	SYSTEM	GS BEECHCRAFT AIRCRAFT	<i>LISTED BELOW)</i> RT LANDING GEAR
	RADIO BEACONS	. BEECH 99 AIRCRAFT BEECHCRAFT 16 AIRCRAFT	SURFACE VEHICLES
	OMNIDIRECTIONAL RADIO RANGES	GENERAL AVIATION AIRCRAFT	SON AGE VEHICLES
	SELF CALIBRATING OMNIRANGE RADIO DIRECTION FINDERS	BEECHCRAFT 18 AIRCRAFT	BIG SHOT PROJECT
ОТ	AIRCRAFT LIGHTS	LIGHT AIRCRAFT	GS PROGRAMS
RT	BUOYS	. BEECH 99 AIRCRAFT	PROJECTS
	COMPASSES	. BEECHCRAFT 18 AIRCRAFT	. BIG SHOT PROJECT
	HOMING	MONOPLANES	A Company of the comp
	HOMING DEVICES	. BEECHCRAFT 18 AIRCRAFT	BINARY FLUIDS
	INSTRUMENT FLIGHT RULES	RT ∞AIRCRAFT	GS BINARY SYSTEMS (MATERIALS)
	∞ MARKERS		. BINARY MIXTURES
	POSITION INDICATORS	BELFAST AIRCRAFT	. BINARY FLUIDS
	PROJECTORS	USE SC-5 AIRCRAFT	MIXTURES
	SEARCHLIGHTS		. BINARY MIXTURES
	∞ SIGNALS	BELL AIRCRAFT	BINARY FLUIDS
	SOLAR COMPASSES	GS BELL AIRCRAFT	RT ∞FLUIDS
	VISUAL SIGNALS	. AH-63 HELICOPTER	GAS MIXTURES
		BELL 214A HELICOPTER	KINETIC THEORY
	E AIRCRAFT	OH-4 HELICOPTER	LENNARD-JONES GAS TRANSPORT PROPERTIES
RT	∞ AIRCRAFT	. OH-13 HELICOPTER	IMANOPUNI PNUPENIIEO

#### **BIPLANES**

BIPLANES	BLACK BRANT 2 SOUNDING ROCKET	BLADE-VORTEX INTERACTION
RT ∞AIRCRAFT DUAL WING CONFIGURATIONS LIGHT AIRCRAFT MONOPLANES	GS ROCKET VEHICLES SINGLE STAGE ROCKET VEHICLES BLACK BRANT SOUNDING ROCKETS BLACK BRANT 2 SOUNDING	UF BLADE SLAP VORTEX-BLADE INTERACTION RT AIRFOILS BLADE SLAP NOISE
TANDEM WING AIRCRAFT UTILITY AIRCRAFT	ROCKET SOUNDING ROCKETS BLACK BRANT SOUNDING ROCKETS BLACK BRANT 2 SOUNDING	BLADE TIPS HELICOPTERS ∞INTERACTIONS ROTARY WINGS
BIRD-AIRCRAFT COLLISIONS	ROCKET	VORTICES
GS ACCIDENTS BIRD-AIRCRAFT COLLISIONS	RT SOLID PROPELLANT ROCKET ENGINES	WING TIP VORTICES
AIRCRAFT ACCIDENTS	BLACK BRANT 3 SOUNDING ROCKET	∞ BLADES
. BIRD-AIRCRAFT COLLISIONS COLLISIONS	GS ROCKET VEHICLES	SN (USE OF A MORE SPECIFIC TERM IS
MIDAIR COLLISIONS	. SINGLE STAGE ROCKET VEHICLES	RECOMMENDED-CONSULT THE TERMS
BIRD-AIRCRAFT COLLISIONS	. BLACK BRANT SOUNDING ROCKETS BLACK BRANT 3 SOUNDING	<i>LISTED BELOW)</i> RT AIRFOILS
RT ∞AIRCRAFT AIRCRAFT HAZARDS	ROCKET	BLADES (CUTTERS)
BIRDS	SOUNDING ROCKETS	COMPRESSOR BLADES FINS
FLIGHT HAZARDS	BLACK BRANT SOUNDING ROCKETS BLACK BRANT 3 SOUNDING	HYDROFOILS
BLACK AND WHITE PHOTOGRAPHY	ROCKET	PROPELLER BLADES RIMS
GS IMAGERY	RT SOLID PROPELLANT ROCKET ENGINES	ROTARY WINGS
BLACK AND WHITE PHOTOGRAPHY PHOTOGRAPHY	BLACK BRANT 4 SOUNDING ROCKET	ROTOR BLADES (TURBOMACHINERY)
. BLACK AND WHITE PHOTOGRAPHY	GS ROCKET VEHICLES	STATOR BLADES TURBINE BLADES
RT ALL SKY PHOTOGRAPHY	. SINGLE STAGE ROCKET VEHICLES BLACK BRANT SOUNDING ROCKETS	TURBOMACHINE BLADES
ASTRONOMICAL PHOTOGRAPHY AUTORADIOGRAPHY	BLACK BRANT 4 SOUNDING	VANES
CHRONOPHOTOGRAPHY	ROCKET	
CINEMATOGRAPHY	. SOUNDING ROCKETS BLACK BRANT SOUNDING ROCKETS	∞ <b>Blanking</b> Sn <i>(use of a more specific term is</i>
CLOUD PHOTOGRAPHY COLOR PHOTOGRAPHY	BLACK BRANT 4 SOUNDING	RECOMMENDED-CONSULT THE TERMS
ELECTRO-OPTICAL PHOTOGRAPHY	ROCKET	LISTED BELOW) RT BLANKING (CUTTING)
ELECTRON PHOTOGRAPHY	RT SOLID PROPELLANT ROCKET ENGINES	RT BLANKING (CUTTING) FORMING TECHNIQUES
FRAME PHOTOGRAPHY INFRARED PHOTOGRAPHY	BLACK BRANT 5 SOUNDING ROCKET	STAMPING
LUNAR PHOTOGRAPHY	GS ROCKET VEHICLES	
PHOTOMICROGRAPHY PHOTORECONNAISSANCE	. SINGLE STAGE ROCKET VEHICLES . BLACK BRANT SOUNDING ROCKETS	BLASIUS EQUATION GS ANALYSIS (MATHEMATICS)
RADAR PHOTOGRAPHY	BLACK BRANT 5 SOUNDING	GS ANALYSIS (MATHEMATICS) . REAL VARIABLES
ROCKET-BORNE PHOTOGRAPHY	ROCKET	DIFFERENTIAL EQUATIONS
SATELLITE-BORNE PHOTOGRAPHY SCHLIEREN PHOTOGRAPHY	. Sounding rockets Black Brant Sounding rockets	BLASIUS EQUATION FLOW EQUATIONS
SHADOWGRAPH PHOTOGRAPHY	BLACK BRANT 5 SOUNDING	. BOUNDARY LAYER EQUATIONS
SPACEBORNE PHOTOGRAPHY SPECTROHELIOGRAPHS	ROCKET RT SOLID PROPELLANT ROCKET ENGINES	Blasius equation  RT Boundary Layer Flow
SPECTROPHOTOGRAPHY	RT SOLID PROPELLANT ROCKET ENGINES	m EQUATIONS
STEREOPHOTOGRAPHY	BLACK HAWK ASSAULT HELICOPTER	FALKNER-SKAN EQUATION
ULTRAVIOLET PHOTOMETRY UROGRAPHY	USE H-60 HELICOPTER	FLAT PLATES PRANDTL-MEYER EXPANSION
UNOGRAFITI	BLACK KNIGHT ROCKET VEHICLE	THAIRD TE-METER EXPANSION
BLACK ARROW LAUNCH VEHICLE	UF BLACK ARROW LAUNCH VEHICLE	BLASIUS FLOW
USE BLACK KNIGHT ROCKET VEHICLE	GS ROCKET VEHICLES	GS FLUID FLOW
BLACK BRANT SOUNDING ROCKETS	. MULTISTAGE ROCKET VEHICLES BLACK KNIGHT ROCKET VEHICLE	. LAMINAR FLOW <b>Blasius Flow</b>
GS ROCKET VEHICLES	. SINGLE STAGE ROCKET VEHICLES	. UNIFORM FLOW
SINGLE STAGE ROCKET VEHICLES	BLACK KNIGHT ROCKET VEHICLE RT LIQUID PROPELLANT ROCKET ENGINES	<b>Blasius flow</b> Rt flat plates
BLACK BRANT SOUNDING ROCKETS BLACK BRANT 1 SOUNDING	RT LIQUID PROPELLANT ROCKET ENGINES	HEAD FLOW
ROCKET	BLACKBIRD AIRCRAFT	TOLLMIEN-SCHLICHTING WAVES
BLACK BRANT 2 SOUNDING	USE SR-71 AIRCRAFT	TURBULENT FLOW TWO DIMENSIONAL FLOW
ROCKET BLACK BRANT 3 SOUNDING	BLACKBURN 8-103 AIRCRAFT	WEDGE FLOW
ROCKET	USE BUCCANEER AIRCRAFT	
BLACK BRANT 4 SOUNDING ROCKET		BLAST LOADS  GS AERODYNAMIC FORCES
BLACK BRANT 5 SOUNDING	BLADE SLAP USE BLADE-VORTEX INTERACTION	. AERODYNAMIC LOADS
ROCKET . SOUNDING ROCKETS	OOL DESERVATION TO THE RESERVATION OF THE PERSON OF THE PE	BLAST LOADS LOADS (FORCES)
BLACK BRANT SOUNDING ROCKETS	SLADE SLAP NOISE	DYNAMIC LOADS
BLACK BRANT 1 SOUNDING	UF HELICOPTER IMPULSIVE NOISE GS ELASTIC WAVES	AERODYNAMIC LOADS
ROCKET BLACK BRANT 2 SOUNDING	. SOUND WAVES	<b>Blast Loads</b> Transient Loads
ROCKET	NOISE (SOUND)	SHOCK LOADS
BLACK BRANT 3 SOUNDING ROCKET	AERODYNAMIC NOISE	<b>BLAST LOADS</b> RT AERIAL EXPLOSIONS
BLACK BRANT 4 SOUNDING	AIRCRAFT NOISE	DYNAMIC PRESSURE
ROCKET BLACK BRANT 5 SOUNDING	<b>Blade Slap Noise</b> RT Blade Tips	EXPLOSIONS GUST LOADS
ROCKET	BLADE-VORTEX INTERACTION	IMPACT LOADS
RT SOLID PROPELLANT ROCKET ENGINES	HELICOPTERS	OVERPRESSURE
THE ROLL OF THE PARTY AND THE PARTY OF THE P	PROPELLER NOISE	PRESSURE PRESSURE PULSES
BLACK BRANT 1 SOUNDING ROCKET  GS ROCKET VEHICLES	BLADE TIPS	RIEMANN WAVES
. SINGLE STAGE ROCKET VEHICLES	GS TIPS	SHOCK WAVES WAVE RESISTANCE
BLACK BRANT SOUNDING ROCKETS BLACK BRANT 1 SOUNDING	, <b>blade tips</b> RT Airfoil profiles	MATE TIESISTATOE
ROCKET	BLADE SLAP NOISE	BLASTOFF
SOUNDING ROCKETS	BLADE-VORTEX INTERACTION PROPELLER BLADES	USE ROCKET LAUNCHING
BLACK BRANT SOUNDING ROCKETS BLACK BRANT 1 SOUNDING	ROTARY WINGS	
ROCKET	ROTOR BLADES (TURBOMACHINERY)	BLEED-OFF USE PRESSURE REDUCTION
RT SOLID PROPELLANT ROCKET ENGINES	WING TIPS	USE PRESSURE REDUCTION

#### **BODY-WING CONFIGURATIONS**

BLEED!	NG (USE OF A MORE SPECIFIC TERM IS	BLUE AT	STEEL MISSILE-(CONT.) LIQUID PROPELLANT ROCKET ENGINES	BOATTA	NILS-(CONT.) SKIRTS
011	RECOMMENDED-CONSULT THE TERMS				TAIL ASSEMBLIES
RT	LISTED BELOW) BOUNDARY LAYER CONTROL	BLUE GS	STREAK LAUNCH VEHICLE LAUNCH VEHICLES	∞ BODIES	
	FLUID MECHANICS	as	. BLUE STREAK LAUNCH VEHICLE	∞ BODIES SN	(USE OF A MORE SPECIFIC TERM IS
	HEMORRHAGES		ROCKET VEHICLES		RECOMMENDED-CONSULT THE TERMS
	PRESSURE REDUCTION	RT	. BLUE STREAK LAUNCH VEHICLE ELDO LAUNCH VEHICLE	RT	LISTED BELOW) AFTERBODIES
BLENDS	1	.,,	LIQUID PROPELLANT ROCKET ENGINES	•••	AXISYMMETRIC BODIES
USE	MIXTURES				BLUFF BODIES
		BLUE GS	STREAK MISSILE MISSILES		BLUNT BODIES BODIES OF REVOLUTION
BLIND I	<b>_Anding</b> Landing	us	. BALLISTIC MISSILES		CELESTIAL BODIES
us.	. BLIND LANDING		INTERMEDIATE RANGE BALLISTIC		CENTERBODIES
RT	AIRCRAFT LANDING		MISSILES Blue Streak Missile		DUCTED BODIES ELASTIC BODIES
	APPROACH INDICATORS AUTOMATIC LANDING CONTROL		. SURFACE TO SURFACE MISSILES		FINNED BODIES
	INSTRUMENT APPROACH		INTERMEDIATE RANGE BALLISTIC		FLEXIBLE BODIES
	INSTRUMENT FLIGHT RULES		MISSILES BLUE STREAK MISSILE		FOREIGN BODIES HERBIG-HARO OBJECTS
	INSTRUMENT LANDING SYSTEMS LANDING INSTRUMENTS		ROCKET VEHICLES		HUMAN BODY
	NIGHT FLIGHTS (AIRCRAFT)		BLUE STREAK MISSILE		LENTICULAR BODIES
		RT	LIQUID PROPELLANT ROCKET ENGINES		LIFTING BODIES  MANEUVERABLE REENTRY BODIES
	OWN WIND TUNNELS	BLUFF	BODIES		MISSILE BODIES
GS	TEST FACILITIES . WIND TUNNELS	AT	BLUNT BODIES		PLANFORMS
	BLOWDOWN WIND TUNNELS		∞ BODIES DUCTED BODIES		PLASTIC BODIES PYRAMIDAL BODIES
RT	HOTSHOT WIND TUNNELS		FOREBODIES		REENTRY VEHICLES
	HYPERSONIC WIND TUNNELS HYPERVELOCITY WIND TUNNELS		LIFTING BODIES		ROTATING BODIES
	LOW DENSITY RESEARCH		REENTRY VEHICLES ROSHKO PREDICTION		SLENDER BODIES SOLIDS
	LOW SPEED WIND TUNNELS		HOSHRO FREDICTION		STREAMLINED BODIES
	SUBSONIC WIND TUNNELS SUPERSONIC WIND TUNNELS	BLUNT	BODIES		SYMMETRICAL BODIES
	TRANSONIC WIND TUNNELS	RT	AERODYNAMIC CONFIGURATIONS		THREE DIMENSIONAL BODIES TOWED BODIES
			AERODYNAMICS AXISYMMETRIC BODIES		TWO DIMENSIONAL BODIES
BLOWIN	G BLOWING		BLUFF BODIES		
GS	. SPANWISE BLOWING		∞ BODIES		OF REVOLUTION
	. UNDER SURFACE BLOWING		DUCTED BODIES FOREBODIES	GS	SYMMETRICAL BODIES BODIES OF REVOLUTION
OT	. UPPER SURFACE BLOWING		MISSILE BODIES		CONICAL BODIES
RT	AERATION AGITATION		NOSE CONES		SLENDER CONES
	BLOWERS		STAGNATION POINT SYMMETRICAL BODIES		CYLINDRICAL BODIES ROTATING CYLINDERS
	BOUNDARY LAYER CONTROL		STAIMETHICAE BODIES		PARABOLIC BODIES
	CIRCULATION CIRCULATION CONTROL AIRFOILS	BLUNT	LEADING EDGES		SPHERES
	COMPRESSING	GS	EDGES		CELESTIAL SPHERE CONCENTRIC SPHERES
	ENTRAINMENT EXHAUSTING		. LEADING EDGES BLUNT LEADING EDGES		FALLING SPHERES
	FORCED CONVECTION	RT	AIRFOILS		POINCARE SPHERES ROTATING SPHERES
	INJECTION		FOREBODIES		TORUSES
	MIXING PUMPING		TRAILING EDGES	RT	AERODYNAMIC CONFIGURATIONS
	SPRAYING	BLUNT	TRAILING EDGES		AERODYNAMICS AXES OF ROTATION
	WIND (METEOROLOGY)	GS	EDGES		AXISYMMETRIC BODIES
			. TRAILING EDGES BLUNT TRAILING EDGES	c	∞ BODIES
BLOWN	EXTERNALLY BLOWN FLAPS	RT	AIRFOILS		CONES DISKS (SHAPES)
UUL	ENTERNACE BEOWN SERVE		CONTROL SURFACES		ELLIPSOIDS
	FF (COMBUSTION)		WINGS		FINNED BODIES
USE	FLAMEOUT	BO-105	HELICOPTER		GEOMETRY HEMISPHERES
BLOWO	JTS	GS	BOLKOW AIRCRAFT	•	HEMISPHERICAL SHELLS
RT	FATIGUE LIFE		BO-105 HELICOPTER		OGIVES
	TIRES		PASSENGER AIRCRAFT BO-105 HELICOPTER	•	∞RINGS SPHERICAL SHELLS
BLUE G	OOSE MISSILE		UTILITY AIRCRAFT		STREAMLINED BODIES
GS	DECOYS		. BO-105 HELICOPTER V/STOL AIRCRAFT		
	. BLUE GOOSE MISSILE MISSILES		. ROTARY WING AIRCRAFT	GS BODY K	INEMATICS KINEMATICS
	. SURFACE TO AIR MISSILES		HELICOPTERS	do	BODY KINEMATICS
	BLUE GOOSE MISSILE		MILITARY HELICOPTERS	RT	ACCELERATION (PHYSICS)
AT	BOOSTER ROCKET ENGINES COUNTERMEASURES		BO-105 RELICOPTER		ACCELERATION STRESSES (PHYSIOLOGY)
	J-85 ENGINE	BOATS			KINETICS
	SOLID PROPELLANT ROCKET ENGINES	GS	SURFACE VEHICLES		PARTICLE THEORY
			. BOATS LIFEBOATS		VELOCITY
GS SI	COUT ROCKET VEHICLE LAUNCH VEHICLES		WATER VEHICLES	BODY T	EMPERATURE (NON-BIOLOGICAL)
	BLUE SCOUT ROCKET VEHICLE		BOATS	USE	TEMPERATURE
	ROCKET VEHICLES	RT	LIFEBOATS AMPHIBIOUS VEHICLES	BANY 144	INC AND TAIL CONFIDENTIATIONS
	. MULTISTAGE ROCKET VEHICLES . BLUE SCOUT ROCKET VEHICLE	ri I	HARBORS	BODY-W	ING AND TAIL CONFIGURATIONS AERODYNAMIC CONFIGURATIONS
RT	ALGOL ENGINE		INFLATABLE STRUCTURES		© CONFIGURATIONS
	SOLID PROPELLANT ROCKET ENGINES		KEELS		FUSELAGES
	X-248 ENGINE X-254 ENGINE		RESEARCH VEHICLES		TAIL ASSEMBLIES WINGS
	XM-33 ENGINE		SHIPS		
<b></b>			UNDERWATER VEHICLES		ING CONFIGURATIONS
BLUE S' GS	reel missile Missiles	BOATT	AILS	RT	AERODYNAMIC CONFIGURATIONS AIRFOILS
	. BLUE STEEL MISSILE	RT	AFTERBODIES		DROOPED AIRFOILS

#### **BOEING AIRCRAFT**

BODY-WING CONFIGURATIONS-(CONT.)	BOEING 733 AIRCRAFT-(CONT.)	BOLKOW AIRCRAFT GS BOLKOW AIRCRAFT
GAW-2 AIRFOIL	SUPERSONIC AIRCRAFT	GS BOLKOW AIRCRAFT . BO-105 HELICOPTER
WINGS	. <b>BOEING 733 AIRCRAFT</b> TRANSPORT AIRCRAFT	RT AIRCRAFT
	, BOEING 733 AIRCRAFT	
BOEING AIRCRAFT UF VERTOL MILITARY HELICOPTERS	RT ∞AIRCRAFT	BOLTZMANN DISTRIBUTION
UF VERTOL MILITARY HELICOPTERS  GS BOEING AIRCRAFT	VARIABLE SWEEP WINGS	GS DISTRIBUTION (PROPERTY)
. B-47 AIRCRAFT		BOLTZMANN DISTRIBUTION
. B-50 AIRCRAFT	BOEING 737 AIRCRAFT	RT ATMOSPHERIC DENSITY ATMOSPHERIC DIFFUSION
. B-52 AIRCRAFT	GS BOEING AIRCRAFT	KINETIC THEORY
. BOEING 707 AIRCRAFT	BOEING 737 AIRCRAFT	STATISTICAL MECHANICS
. BOEING 720 AIRCRAFT . BOEING 727 AIRCRAFT	COMMERCIAL AIRCRAFT , BOEING 737 AIRCRAFT	TWO FLUID MODELS
BOEING 733 AIRCRAFT	JET AIRCRAFT	
, BOEING 737 AIRCRAFT	, TURBOFAN AIRCRAFT	BOLTZMANN TRANSPORT EQUATION
. BOEING 747 AIRCRAFT	. BOEING 737 AIRCRAFT	RT BBGKY HIERARCHY
BOEING 757 AIRCRAFT	MONOPLANES	CHAPMAN-ENSKOG THEORY
. BOEING 767 AIRCRAFT . BOEING 2707 AIRCRAFT	. <b>Boeing 737 Aircraft</b> Passenger Aircraft	∞EQUATIONS FOKKER-PLANCK EQUATION
. C-135 AIRCRAFT	BOEING 737 AIRCRAFT	HYDRODYNAMIC EQUATIONS
CH-21 HELICOPTER	TRANSPORT AIRCRAFT	KINETIC THEORY
. CH-46 HELICOPTER	. BOEING 737 AIRCRAFT	PARTICLE DIFFUSION
. CH-47 HELICOPTER	RT MAIRCRAFT	STATISTICAL MECHANICS
. CH-62 HELICOPTER . E-3A AIRCRAFT	CARGO AIRCRAFT	TRANSPORT PROPERTIES TRANSPORT THEORY
. E-4A AIRCRAFT	<del>_</del>	INANGPORT TREORY
H-25 HELICOPTER	BOEING 747 AIRCRAFT	
. RB-50 AIRCRAFT	GS BOEING AIRCRAFT BOEING 747 AIRCRAFT	BOMARC A MISSILE GS MISSILES
. V-22 AIRCRAFT	COMMERCIAL AIRCRAFT	SURFACE TO AIR MISSILES
. VZ-2 AIRCRAFT	BOEING 747 AIRCRAFT	BOMARC MISSILES
. X-20 AIRCRAFT	JET AIRCRAFT	BOMARC A MISSILE
RT ∞AIRCRAFT AWACS AIRCRAFT	. BOEING 747 AIRCRAFT	RT LIQUID PROPELLANT ROCKET ENGINES
YC-14 AIRCRAFT	PASSENGER AIRCRAFT	SOLID PROPELLANT ROCKET ENGINES
10-14 Millorna .	BOEING 747 AIRCRAFT	
BOEING MILITARY AIRCRAFT	TRANSPORT AIRCRAFT . BOEING 747 AIRCRAFT	BOMARC B MISSILE
USE MILITARY AIRCRAFT	RT ∞AIRCRAFT	GS MISSILES SURFACE TO AIR MISSILES
	TURBOFAN ENGINES	. BOMARC MISSILES
BOEING 707 AIRCRAFT		BOMARC B MISSILE
GS BOEING AIRCRAFT	BOEING 7478 AIRCRAFT	RT LIQUID PROPELLANT ROCKET ENGINES
. BOEING 707 AIRCRAFT COMMERCIAL AIRCRAFT	USE E-4A AIRCRAFT	SOLID PROPELLANT ROCKET ENGINES
BOEING 707 AIRCRAFT		
JET AIRCRAFT	BOEING 757 AIRCRAFT	BOMARC MISSILES
TURBOFAN AIRCRAFT	GS BOEING AIRCRAFT	GS MISSILES
BOEING 707 AIRCRAFT	. BOEING 757 AIRCRAFT	. ANTIAIRCRAFT MISSILES
MONOPLANES	COMMERCIAL AIRCRAFT , BOEING 757 AIRCRAFT	. Bomarc Missiles . Surface to air Missiles
. <b>BOEING 707 AIRCRAFT</b> PASSENGER AIRCRAFT	JET AIRCRAFT	. BOMARC MISSILES
BOEING 707 AIRCRAFT	. TURBOFAN AIRCRAFT	BOMARC A MISSILE
TRANSPORT AIRCRAFT	. BOEING 757 AIRCRAFT	BOMARC B MISSILE
BOEING 707 AIRCRAFT	MONOPLANES	
RT ∞AIRCRAFT	. BOEING 757 AIRCRAFT	BOMBER AIRCRAFT
	PASSENGER AIRCRAFT BOEING 757 AIRCRAFT	GS ATTACK AIRCRAFT
BOEING 720 AIRCRAFT GS BOEING AIRCRAFT	TRANSPORT AIRCRAFT	. BOMBER AIRCRAFT
GS BOEING AIRCRAFT , BOEING 720 AIRCRAFT	BOEING 757 AIRCRAFT	. A-2 AIRCRAFT . A-3 AIRCRAFT
COMMERCIAL AIRCRAFT	RTAIRCRAFT	A-4 AIRCRAFT
BOEING 720 AIRCRAFT		A-5 AIRCRAFT
JET AIRCRAFT	BOEING 767 AIRCRAFT	A-6 AIRCRAFT
. TURBOFAN AIRCRAFT	GS BOEING AIRCRAFT	B-1 AIRCRAFT
BOEING 720 AIRCRAFT MONOPLANES	BOEING 767 AIRCRAFT	B-26 AIRCRAFT
BOEING 720 AIRCRAFT	COMMERCIAL AIRCRAFT	B-47 AIRCRAFT B-50 AIRCRAFT
PASSENGER AIRCRAFT	. BOEING 767 AIRCRAFT JET AIRCRAFT	. B-52 AIRCRAFT
BOEING 720 AIRCRAFT	. TURBOFAN AIRCRAFT	B-57 AIRCRAFT
TRANSPORT AIRCRAFT	BOEING 767 AIRCRAFT	B-58 AIRCRAFT
BOEING 720 AIRCRAFT	MONOPLANES	B-66 AIRCRAFT
RT ∞AIRCRAFT	BOEING 767 AIRCRAFT	B-70 AIRCRAFT
	PASSENGER AIRCRAFT	. F-100 AIRCRAFT
BOEING 727 AIRCRAFT	. <b>BOEING 767 AIRCRAFT</b> TRANSPORT AIRCRAFT	. SHACKLETON BOMBER . VALIANT AIRCRAFT
GS BOEING AIRCRAFT  BOEING 727 AIRCRAFT	BOEING 767 AIRCRAFT	VICTOR MK-1 AIRCRAFT
COMMERCIAL AIRCRAFT	RT &AIRCRAFT	VULCAN AIRCRAFT
BOEING 727 AIRCRAFT	CARGO AIRCRAFT	RT ∞AIRCRAFT
JET AIRCRAFT	TURBOFAN ENGINES	ANTISUBMARINE WARFARE AIRCRAFT
TURBOFAN AIRCRAFT		BOMBING EQUIPMENT
. BOEING 727 AIRCRAFT	BOGOLIUBOV THEORY	JET AIRCRAFT ∞MILITARY AIRCRAFT
PASSENGER AIRCRAFT . BOEING 727 AIRCRAFT	RT BBGKY HIERARCHY	∞ MILITARY AVIATION
TRANSPORT AIRCRAFT	∞ THEORIES	RB-50 AIRCRAFT
BOEING 727 AIRCRAFT		TANKER AIRCRAFT
RT ∞AIRCRAFT	BOILING	TRAINING AIRCRAFT
CARGO AIRCRAFT	UF EBULLITION	VAMPIRE MK 35 AIRCRAFT
	GS PHASE TRANSFORMATIONS	
BOEING 733 AIRCRAFT	. VAPORIZING <b>BOILING</b>	BOMBING EQUIPMENT
GS BOEING AIRCRAFT	FILM BOILING	GS ONBOARD EQUIPMENT
BOEING 733 AIRCRAFT COMMERCIAL AIRCRAFT	NUCLEATE BOILING	. AIRCRAFT EQUIPMENT
BOEING 733 AIRCRAFT	LEIDENFROST PHENOMENON	. BOMBING EQUIPMENT
JET AIRCRAFT	RT EFFERVESCENCE	RT B-1 AIRCRAFT BOMBER AIRCRAFT
. TURBOFAN AIRCRAFT	EVAPORATION  SHOULTION (LIBERATION)	BOMBS (ORDNANCE)
BOEING 733 AIRCRAFT	EVOLUTION (LIBERATION) HEAT TRANSFER	∞ EQUIPMENT
MONOPLANES	HEAT THANSFER HEATING	FIRE CONTROL
BOEING 733 AIRCRAFT	+ (but 1 ( 1) 1 mm	

#### **BOUNDARY LAYER TRANSITION**

	S (PRESSURE GAGES)	BOOS	rglide vehicles-(CONT.)	BOUNE	DARY LAYER FLOW
USE	PRESSURE GAGES		GLIDING HYPERSONIC AIRCRAFT	GS	FLUID FLOW
BONA	NZA AIRCRAFT		HYPERSONIC GLIDERS		. VISCOUS FLOW BOUNDARY LAYER FLOW
USE	C-35 AIRCRAFT		LIFTING REENTRY VEHICLES		REATTACHED FLOW
			MANNED SPACECRAFT RECOVERABLE SPACECRAFT		SECONDARY FLOW
∞ BOOM SN	(USE OF A MORE SPECIFIC TERM IS		ROCKET PLANES		SEPARATED FLOW BOUNDARY LAYER SEPARATION
0.4	RECOMMENDED-CONSULT THE TERMS		∞ VEHICLES	RT	AIR CURRENTS
DY	LISTED BELOW)	BORES			ATMOSPHERIC BOUNDARY LAYER BACKWARD FACING STEPS
RT	BOOMS (EQUIPMENT) SONIC BOOMS	USE	CAVITIES		BLASIUS EQUATION
	TAIL ASSEMBLIES				CONVECTIVE HEAT TRANSFER
B0007		BOUNE UF	PERIPHERIES		FLOW DISTRIBUTION LIGHTHILL GAS MODEL
BOOST USE	ACCELERATION (PHYSICS)	GS	BOUNDARIES		MAGNUS EFFECT
			. FLUID BOUNDARIES		RECIRCULATIVE FLUID FLOW
	ER ROCKET ENGINES		. GAS-SOLID INTERFACES . JET BOUNDARIES		REYNOLDS NUMBER STAGNATION FLOW
UF GS	ROCKET BOOSTERS ENGINES		LIQUID-LIQUID INTERFACES		STAGNATION POINT
	. ROCKET ENGINES		LIQUID-SOLID INTERFACES		TOLLMIEN-SCHLICHTING WAVES
	BOOSTER ROCKET ENGINES		. LIQUID-VAPOR INTERFACES . FREE BOUNDARIES		WALL FLOW
	AJ-10 ENGINE ALGOL ENGINE		GRAIN BOUNDARIES	BOUND	ARY LAYER NOISE
	APOGEE BOOST MOTORS	RT	AIRSPACE BORDERS	USE	AERODYNAMIC NOISE
	H-1 ENGINE		BOUNDARY CONDITIONS		BOUNDARY LAYERS
	LR-87-AJ-5 ENGINE M-1 ENGINE		CIRCUMFERENCES	BOUND	ARY LAYER SEPARATION
	M-55 ENGINE		CONTOUR SENSORS	UF	BREAKAWAY
	MA-2 ENGINE MA-3 ENGINE		DELINEATION FENCES (BARRIERS)		FLOW SEPARATION
	MA-3 ENGINE		INTERFACES		LAMINAR BOUNDARY LAYER SEPARATION
	NIKE BOOSTER ROCKET ENGINES		REGIONS	GS	FLUID FLOW
	P-1 ENGINE	BOUND	ARY ELEMENT METHOD		VISCOUS FLOW
	ROCKET ENGINE 9KS-11000 SPACE SHUTTLE BOOSTERS	GS	STRESS ANALYSIS		BOUNDARY LAYER FLOW SEPARATED FLOW
	ADVANCED SOLID ROCKET	DT	BOUNDARY ELEMENT METHOD		BOUNDARY LAYER SEPARATION
	MOTOR (STS) X-405 ENGINE	RT	APERTURES	RT	AERODYNAMIC STALLING
RT	AIR BREATHING BOOSTERS	BOUND	ARY INTEGRAL METHOD		AIRSPEED ANGLE OF ATTACK
	BLUE GOOSE MISSILE	GS	ANALYSIS (MATHEMATICS)		BOUNDARY LAYERS
,	∞BOOSTERS BURNOUT		. NUMERICAL ANALYSIS BOUNDARY INTEGRAL METHOD		CROCCO-LEE THEORY
	DUCTED ROCKET ENGINES		PROCEDURES		∞DIFFUSERS FALKNER-SKAN EQUATION
	EXPENDABLE STAGES (SPACECRAFT)	DT	BOUNDARY INTEGRAL METHOD		FLOW DISTRIBUTION
	F-1 ROCKET ENGINE HYBRID PROPELLANT ROCKET ENGINES	RT	BOUNDARY VALUE PROBLEMS ∞METHODOLOGY		INJECTION KUTTA-JOUKOWSKI CONDITION
	INTERNAL COMBUSTION ENGINES				LIFT DRAG RATIO
	LAUNCH VEHICLES LIFTOFF (LAUNCHING)		ARY LAYER COMBUSTION		REATTACHED FLOW
	LIQUID PROPELLANT ROCKET ENGINES	GS	COMBUSTION  BOUNDARY LAYER COMBUSTION		RECIRCULATIVE FLUID FLOW REVERSED FLOW
	MACE MISSILES	AT	BOUNDARY LAYERS		ROTATING STALLS
	NUCLEAR ENGINE FOR ROCKET VEHICLES		COMBUSTIBLE FLOW	•	∞ SEPARATION
	NUCLEAR ROCKET ENGINES		CONVECTIVE HEAT TRANSFER DIFFUSION FLAMES	,	STAGNATION FLOW ∞STALLING
	OXYGEN-HYDROCARBON ROCKET		FLAME PROPAGATION	_	SWEEP ANGLE
	ENGINES RECOVERABLE SPACECRAFT		LAMINAR BOUNDARY LAYER		VORTEX GENERATORS
	SOLID PROPELLANT ROCKET ENGINES	BOUNDA	ARY LAYER CONTROL		ZERO LIFT
	SPINNING SOLID UPPER STAGE	UF	LAMINAR FLOW CONTROL	BOUNDA	ARY LAYER STABILITY
	STAGE SEPARATION SUSTAINER ROCKET ENGINES	GS	BOUNDARY LAYER CONTROL . POROUS BOUNDARY LAYER CONTROL	GS	DYNAMIC CHARACTERISTICS
	TURBOROCKET ENGINES	RT	AERODYNAMICS		. DYNAMIC STABILITY MOTION STABILITY
	TX-354 ENGINE		AIRFOIL FENCES		FLOW STABILITY
BOOSTE	R ROCKETS	d	BLEEDING BLOWING		BOUNDARY LAYER STABILITY
SN	(USE OF A MORE SPECIFIC TERM IS		BOUNDARY LAYERS		. FLOW CHARACTERISTICS FLOW STABILITY
	RECOMMENDED-CONSULT THE TERMS LISTED BELOW)		BUFFETING		BOUNDARY LAYER STABILITY
RT	LAUNCH VEHICLES	•	CIRCULATION CONTROL AIRFOILS CONTROL		STABILITY DYNAMIC STABILITY
			CONTROL SURFACES		. MOTION STABILITY
BOOSTE	RS (USE OF A MORE SPECIFIC TERM IS		DRAG DEVICES		FLOW STABILITY
314	RECOMMENDED-CONSULT THE TERMS		FLUID AMPLIFIERS FLUTTER	RT	AERODYNAMIC STABILITY
	LISTED BELOW)		JET CONTROL	111	BACKWASH
RT	AIR BREATHING BOOSTERS AMPLIFIERS		LEADING EDGE SLATS LIFT AUGMENTATION		BOUNDARY LAYERS
	APOGEE BOOST MOTORS		LIFT DEVICES		GOERTLER INSTABILITY REYNOLDS NUMBER
	BOOSTER ROCKET ENGINES		RIBLETS		THE THOUSE HOMBER
	BOOSTERS (EXPLOSIVES) LAUNCH VEHICLES		SPOILERS TURBULENCE		RY LAYER TRANSITION
	SCOUT PROJECT		UPPER SURFACE BLOWN FLAPS	AT	AIR CURRENTS
	SPACE SHUTTLE BOOSTERS		VACUUM		BOUNDARY LAYERS EKMAN LAYER
	TITAN PROJECT		VORTEX GENERATORS WING SLOTS		GOERTLER INSTABILITY
BOOSTG	LIDE VEHICLES		X-21 AIRCRAFT		KNUDSEN FLOW
GS	GLIDERS				LAMINAR BOUNDARY LAYER LAMINAR FLOW
	. BOOSTGLIDE VEHICLES X-20 AIRCRAFT		RY LAYER EQUATIONS		MOLECULAR FLOW
	REENTRY VEHICLES	GS	FLOW EQUATIONS . BOUNDARY LAYER EQUATIONS		REYNOLDS NUMBER THREE DIMENSIONAL BOUNDARY LAYER
	BOOSTGLIDE VEHICLES		BLASIUS EQUATION		TOLLMIEN-SCHLICHTING WAVES
	X-20 AIRCRAFT AEROSPACE PLANES	RT	BOUNDARY LAYERS DIFFERENTIAL EQUATIONS		TRANSITION
00	AIRCRAFT	oc	EQUATIONS		TRANSITION FLOW TRANSITION LAYERS
	ASTRO VEHICLE		FLOW THEORY		TRANSITION POINTS

#### **BOUNDARY LAYERS**

BREGUET 941 AIRCRAFT-(CONT.) BRAKES (FOR ARRESTING MOTION) BOUNDARY LAYER TRANSITION-(CONT.) TURBOPROP AIRCRAFT
BREGUET 941 AIRCRAFT DECELERATORS DRAGULATORS TURBULENCE
TURBULENT BOUNDARY LAYER BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES GS TURBULENT FLOW , BREGUET 941 AIRCRAFT PASSENGER AIRCRAFT BALLUTES BREGUET 941 AIRCRAFT TRANSPORT AIRCRAFT **BOUNDARY LAYERS** DRAG CHUTES PARAVULCOONS BOUNDARY LAYER NOISE CARGO AIRCRAFT BOUNDARY LAYERS
ATMOSPHERIC BOUNDARY LAYER SPLIT FLAPS .. BREQUET 941 AIRCRAFT V/STOL AIRCRAFT WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS COMPRESSIBLE BOUNDARY LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER SHORT TAKEOFF AIRCRAFT BREGUET 941 AIRCRAFT TRAILING EDGE FLAPS VORTEX FLAPS LAMINAR BOUNDARY LAYER
PLANETARY BOUNDARY LAYER
SUPERSONIC BOUNDARY LAYERS RT **∞AIRCRAFT** AIRCRAFT BRAKES BRISTOL-SIDDELEY BS 53 ENGINE SPLIT FLAPS WING FLAPS THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY UF GS PEGASUS ENGINE ENGINES .. LEADING EDGE SLATS .. TRAILING EDGE FLAPS WHEEL BRAKES . AIR BREATHING ENGINES LAYER TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER . GAS TURBINE ENGINES ... JET ENGINES ABORT APPARATUS ANTISKID DEVICES ... TURBOJET ENGINES
... TURBOJET ENGINES
... TURBOFAN ENGINES
... BRISTOL-SIDDELEY B8 63 BOUNDARY CONDITIONS
BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER CONTROL RT ∞ ARRESTERS ARRESTING GEAR BOUNDARY LAYER EQUATIONS BOUNDARY LAYER PLASMAS BOUNDARY LAYER SEPARATION ENGINE INTERNAL COMBUSTION ENGINES BRAKES BRAKING . GAS TURBINE ENGINES CYLINDRICAL CHAMBERS DRAG DEVICES BOUNDARY LAYER STABILITY JET ENGINES
TURBOJET ENGINES BOUNDARY LAYER TRANSITION FLAPS (CONTROL SURFACES) TURBOFAN ENGINES
BRISTOL-SIDDELEY 8S 53 CROCCO METHOD LANDING GEAR NOSE WHEELS ∞ DRAFT ENGINE DRAG PARACHUTES . TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES FLUID BOUNDARIES RETARDERS (DEVICES) THRUST REVERSAL FLUID FLOW GAS-SOLID INTERFACES TOWED BODIES TURBOJET ENGINES
TURBOFAN ENGINES ∞ LAYERS VEHICLE WHEELS LIQUID-LIQUID INTERFACES LIQUID-SOLID INTERFACES WHEELS BRISTOL-SIDDELEY BS 53 MIXING LAYERS (FLUIDS)
PANEL METHOD (FLUID DYNAMICS) ENGINE P-1127 AIRCRAFT RT BRAKES (FOR ARRESTING MOTION) SHEAR LAYERS DECELERATION BRISTOL-SIDDELEY OLYMPUS 593 ENGINE SURFACE LAYERS WALL PRESSURE EDDY CURRENTS RETARDERS (DEVICES) ENGINES AIR BREATHING ENGINES .. GAS TURBINE ENGINES THRUST REVERSAL BOURDON TUBES
GS TRANSDUCERS TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS PRESSURE SENSORS BRAYTON CYCLE BOURDON TUBES
PRESSURE GAGES GS 593 ENGINE THERMODYNAMIC CYCLES . INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES BRAYTON CYCLE
GAS TURBINE ENGINES
GAS TURBINES PRESSURE MEASUREMENT ∞ TUBES JET ENGINES TURBOJET ENGINES
. BRISTOL-SIDDELEY OLYMPUS RANKINE CYCLE BOUSSINESQ APPROXIMATION SOLAR DYNAMIC POWER SYSTEMS CONVECTION HEAT TRANSFER 593 ENGINE . TURBINE ENGINES . . GAS TURBINE ENGINES INCOMPRESSIBLE FLUIDS BREAKAWAY BOUNDARY LAYER SEPARATION PERTURBATION THEORY JET ENGINES TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS THERMAL EXPANSION BREAKUP (SPACECRAFT)
USE SPACECRAFT BREAKUP 593 ENGINE BOW SHOCK WAVES BOW WAVES BREATHING VIBRATION BRISTOL-SIDDELEY VIPER ENGINE SHOCK WAVES VIBRATION GS **ENGINES** STRUCTURAL VIBRATION . AIR BREATHING ENGINES BREATHING VIBRATION
BENDING VIBRATION BOW WAVES GAS TURBINE ENGINES BOW SHOCK WAVES HYPERSONIC WAKES UF RT JET ENGINES ∞ BREATHING TURBOJET ENGINES
BRISTOL-SIDDELEY VIPER MACH CONES **EXHAUSTING** MISSILE VIBRATION ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES MAGNETOSHEATH VENTING SHOCK WAVES SURFACE WAVES BREGUET AIRCRAFT
GS BREGUET AIRCRAFT
. BREGUET 940 AIRCRAFT
. BREGUET 941 AIRCRAFT JET ENGINES .... TURBOJET ENGINES
.... BRISTOL-SIDDELEY VIPER (USE OF A MORE SPECIFIC TERM IS SN ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES RECOMMENDED-CONSULT THE TERMS BREGUET 1150 AIRCRAFT LISTED BELOW) ∞ AIRCRAFT RT BENDING JAGUAR AIRCRAFT JET ENGINES CAMBER TURBOJET ENGINES **FOREBODIES** BRISTOL-SIDDELEY VIPER **BREGUET 940 AIRCRAFT** HEAVING BREGUET AIRCRAFT
. BREGUET 940 AIRCRAFT ENGINE ∞ BOXES MONOPLANES BRITISH AIRCRAFT CORP AIRCRAFT USE BAC AIRCRAFT (USE OF A MORE SPECIFIC TERM IS . BREQUET 940 AIRCRAFT RESEARCH AIRCRAFT SN RECOMMENDED-CONSULT THE TERMS . BREQUET 940 AIRCRAFT V/STOL AIRCRAFT LISTED BELOW) BUBBLE TECHNIQUE
GS TECHNOLOGIES RT BOX REAMS BOXES (CONTAINERS) SHORT TAKEOFF AIRCRAFT BUBBLE TECHNIQUE
DATA RECORDERS
ELECTRONIC EQUIPMENT BREGUET 940 AIRCRAFT ∞ AIRCRAFT **∞ BRAKES** (USE OF A MORE SPECIFIC TERM IS FLIGHT INSTRUMENTS **BREGUET 941 AIRCRAFT** RECOMMENDED-CONSULT THE TERMS BREGUET AIRCRAFT
BREGUET 941 AIRCRAFT LISTED BELOW)
BRAKES (FOR ARRESTING MOTION) MAGNETIC DOMAINS

JET AIRCRAFT

ONBOARD EQUIPMENT

RT

BRAKES (FORMING OR BENDING)

BUBBL	E TECHNIQUE-(CONT.)	BUOYA	NCY-(CONT.)	BURN	THROUGH (FAILURE)-(CONT.)
	RECORDING INSTRUMENTS		BALLAST (MASS) DENSITY (MASS/VOLUME)		DAMAGE MELTING
	SEMICONDUCTOR DEVICES SOLID STATE DEVICES		FLOATING		PERFORATING
	SPACECRAFT INSTRUMENTS		GAS DENSITY		
	SI NOEGIAL L'INGTITUTE IN		LEVITATION	BURS	TS.
BUBBL	FQ		MECHANICAL PROPERTIES	GS	BURSTS
AT	AERATION		NEUTRAL BUOYANCY SIMULATION		. GAMMA RAY BURSTS
	CAVITATION FLOW		∞ PHYSICAL PROPERTIES		. RADIO BURSTS
	COANDA EFFECT		POROSITY RAYLEIGH NUMBER		SOLAR RADIO BURSTS
	EFFERVESCENCE		VOIDS		TYPE 2 BURSTS
	FOAMS		10100		TYPE 3 BURSTS TYPE 4 BURSTS
	METAL FOAMS WAKES	BUOYS			TYPE 5 BURSTS
	WARES	RT	BEACONS	RT	
BUCCA	NEER AIRCRAFT		COMPASSES		EMISSION
UF	B-103 AIRCRAFT		FLOATS		EXPLOSIONS
O,	BLACKBURN B-103 AIRCRAFT		MARKERS		FRAGMENTATION
GS	ATTACK AIRCRAFT		NAVIGATION AIDS OCEAN DATA ACQUISITIONS SYSTEMS		IMPLOSIONS
	. BUCCANEER AIRCRAFT		OCEAN DATA ACCOSTTICAS STSTEMS		RUPTURING
	HAWKER SIDDELEY AIRCRAFT	RURAN	SPACE SHUTTLE	BYPAS	POEC
	. BUCCANEER AIRCRAFT JET AIRCRAFT	GS	MANNED SPACECRAFT	UF	SHUNTS
	. BUCCANEER AIRCRAFT		. SPACE SHUTTLES	RT.	DIVERTERS
	MONOPLANES		BURAN SPACE SHUTTLE		RELIEF VALVES
	. BUCCANEER AIRCRAFT		REENTRY VEHICLES		
RT	∞ AIRCRAFT		. RECOVERABLE SPACECRAFT REUSABLE SPACECRAFT		
	HARRIER AIRCRAFT		SPACE SHUTTLES		
			BURAN SPACE SHUTTLE		С
	YE AIRCRAFT		SOFT LANDING SPACECRAFT		•
USE	T-2 AIRCRAFT		. BURAN SPACE SHUTTLE		
DUCCA	LO AIRCRAFT		SOVIET SPACECRAFT		AIRCRAFT
USE	DHC 5 AIRCRAFT		. BURAN SPACE SHUTTLE	UF	TRADER AIRCRAFT
USE	DITO 3 AINOTAL I	RT	AEROSPACE PLANES	GS	GRUMMAN AIRCRAFT
BUFFE"	FING		U.S.S.R. SPACE PROGRAM		. C-1A AIRCRAFT TRANSPORT AIRCRAFT
RT	AERODYNAMIC STABILITY	811805	R EQUATION		. CARGO AIRCRAFT
	AIRCRAFT STABILITY	GS	ANALYSIS (MATHEMATICS)		. C-1A AIRCRAFT
	BOUNDARY LAYER CONTROL	43	. REAL VARIABLES	RT	∞ AIRCRAFT
	COMPRESSIBILITY EFFECTS		DIFFERENTIAL EQUATIONS		∞ MILITARY AIRCRAFT
	FLIGHT CHARACTERISTICS		PARTIAL DIFFERENTIAL EQUATIONS		
	FLUTTER OSCILLATING FLOW		BURGER EQUATION	C-2 AI	RCRAFT
	SHAKING	RT	CONTINUUM MECHANICS	UF	COD AIRCRAFT
	SPACECRAFT MOTION		∞ EQUATIONS	GS	GRUMMAN AIRCRAFT
	SPACECRAFT STABILITY		NAVIER-STOKES EQUATION SHOCK WAVE PROPAGATION		. C-2 AIRCRAFT JET AIRCRAFT
	STROUHAL NUMBER		SHOOK WAVE FROM AGAILON		. TURBOPROP AIRCRAFT
	TURBULENCE EFFECTS	BURNIN	ie.		. C-2 AIRCRAFT
	VORTEX AVOIDANCE	USE	COMBUSTION		MONOPLANES
					C-2 AIRCRAFT
	NG MATERIALS	BURNIN	IG PROCESS		TRANSPORT AIRCRAFT
USE	CONSTRUCTION MATERIALS	USE	COMBUSTION		. CARGO AIRCRAFT
BUILT	ACOUSTIC WAVE DEVICES				C-2 AIRCRAFT
UF	B-A-W DEVICES		IG RATE	RT	∞ AIRCRAFT
	∞ DEVICES	GS	RATES (PER TIME)		
	SURFACE ACOUSTIC WAVE DEVICES	DT	BURNING RATE	C-5 AI	RCRAFT GALAXY AIRCRAFT
	TRANSDUCERS	RT	BURNOUT COMBUSTION	UF	LOCKHEED C-5 AIRCRAFT
			COMBUSTION CONTROL	GS	JET AIRCRAFT
	MODULUS		COMBUSTION EFFICIENCY		. C-5 AIRCRAFT
GS	MECHANICAL PROPERTIES		COMBUSTION STABILITY		LOCKHEED AIRCRAFT
DT	. BULK MODULUS COMPRESSIBILITY		EXPLOSIVES		C-5 AIRCRAFT
RT	DENSITY (MASS/VOLUME)		FLAME PROPAGATION		TRANSPORT AIRCRAFT
	DENOTT (III)		FLAMMABILITY		. CARGO AIRCRAFT C-5 AIRCRAFT
BULKH	EADS		FUEL CONSUMPTION FUEL-AIR RATIO	RT	∞ AIRCRAFT
GS	WALLS		FUELS	***	TURBOFAN ENGINES
	BULKHEADS		PRESSURE DEPENDENCE		
RT	∞BARRIERS		PROPELLANT GRAINS	C-8A	AUGMENTOR WING AIRCRAFT
	END PLATES		PROPELLANTS	GS	JET AIRCRAFT
	HULLS (STRUCTURES) PARTITIONS (STRUCTURES)		SOLID PROPELLANT COMBUSTION		. C-8A AUGMENTOR WING AIRCRAFT
	REINFORCEMENT (STRUCTURES)		SOLID PROPELLANT ROCKET ENGINES SOLID ROCKET PROPELLANTS		RESEARCH AIRCRAFT
	THICK WALLS		VELOCITY COUPLING		. C-8A AUGMENTOR WING AIRCRAFT TRANSPORT AIRCRAFT
	THIN WALLS		VEECON I COOP ENVA		. SHORT HAUL AIRCRAFT
		RURNIA	IG TIME		C-8A AUGMENTOR WING AIRCRAF
BULLP	UP B MISSILE	UF	FIRING TIME		V/STOL AIRCRAFT
RT	LR-62-RM-2 ENGINE	GS	TIME		. SHORT TAKEOFF AIRCRAFT
			. BURNING TIME		C-8A AUGMENTOR WING AIRCRAF
	UP MISSILES	RT	COMBUSTION	RT	∞ AIRCRAFT
GS	MISSILES		COMBUSTION EFFICIENCY		20215
	. AIR TO SURFACE MISSILES BULLPUP MISSILES		FIRING (IGNITING)		RCRAFT
RT	LR-62-RM-2 ENGINE		FLIGHT OPTIMIZATION FLIGHT TIME	GS	JET AIRCRAFT
•••			ROCKET ENGINES		. C-9 AIRCRAFT MCDONNELL DOUGLAS AIRCRAFT
BUMPE	RS		ROCKET FIRING		. DOUGLAS AIRCRAFT
RT	CUSHIONS		TESTING TIME		. C-9 AIRCRAFT
	METEOROID PROTECTION		THRUST		. MCDONNELL AIRCRAFT
	METEOROIDS		WINDOWS (INTERVALS)		C-9 AIRCRAFT
	PROTECTORS				TRANSPORT AIRCRAFT
	NOV		HROUGH (FAILURE)		. CARGO AIRCRAFT
BUOYA		GS	FAILURE . BURNTHROUGH (FAILURE)	RT	C-9 AIRCRAFT
RT	ACOUSTIC LEVITATION AEROSTATICS	RT	ABLATION	131	EVACUATING (TRANSPORTATION)

#### **CABINS**

CANBERRA AIRCRAFT-(CONT.) CAMERAS-(CONT.) ∞ CABINS . CANBERRA AIRCRAFT MONOPLANES (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LALLEMAND CAMERAS
MULTISPECTRAL BAND CAMERAS CANBERRA AIRCRAFT LISTED BELOW) ∞ AIRCRAFT PANORAMIC CAMERAS AIRCRAFT COMPARTMENTS RT B-57 AIRCRAFT PINEOLE CAMERAS SCHMIDT CAMERAS COCKPITS PRESSURIZED CABINS . STREAK CAMERAS . TELEVISION CAMERAS PHOTOGRAPHIC EQUIPMENT CANBERRA BOMBER SPACECRAFT CABINS B-57 AIRCRAFT USE CABLE FORCE RECORDERS CAMERAS CANOPIES RECORDING INSTRUMENTS CABLE FORCE RECORDERS BAKER-NUNN CAMERA AIRCRAFT STRUCTURES
AIRFRAMES BALLISTIC CAMERAS RT BALLISTIC CAMERAS
DELFT CAMERA
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
HIGH SPEED CAMERAS
FRAMING CAMERAS COCKPITS STRAIN GAGES TENSIOMETERS FAIRINGS WINDSHIELDS ∞ CABLES CANT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS 12S CAMERAS SLOPES LALLEMAND CAMERAS
MULTISPECTRAL BAND CAMERAS LISTED BELOW) . MULTISPECTRAL BAND
. PANORAMIC CAMERAS
. PINHOLE CAMERAS
. SCHMIDT CAMERAS
. STREAK CAMERAS
. TELEVISION CAMERAS
CAMERA SHUTTERS
CIMEMATOGRAPHY CANTILEVER WINGS CABLES (ROPES)
COAXIAL CABLES RT USE COMMUNICATION CABLES CAPACITANCE-VOLTAGE CHARACTERISTICS
GS ELECTRICAL PROPERTIES POWER LINES SUBMARINE CABLES CAPACITANCE-VOLTAGE CHARACTERISTICS TETHERLINES RT TRANSMISSION LINES CAPACITANCE ∞CHARACTERISTICS ELECTRIC POTENTIAL CAJUN ROCKET VEHICLE FOCUSING **ROCKET VEHICLES** LENSES PHOTOGRAPHY SOUNDING ROCKETS

CAJUN ROCKET VEHICLE

NIKE-CAJUN ROCKET VEHICLE

SOLID PROPELLANT ROCKET ENGINES METAL OXIDE SEMICONDUCTORS VOLT-AMPERE CHARACTERISTICS STREAK PHOTOGRAPHY CAPACITIVE FUEL GAGES ULTRAVIOLET PHOTOGRAPHY SONDES MEASURING INSTRUMENTS UNDERWATER PHOTOGRAPHY . FUEL GAGES WIDE ANGLE LENSES CAPACITIVE FUEL GAGES CALIBRATING DIELECTRICS GRADUATION CALIBRATING CANADAIR AIRCRAFT GS CANADAIR CF-104 AIRCRAFT CF-104 AIRCRAFT WIND TUNNEL CALIBRATION CAPILLARIES (USE OF A MORE SPECIFIC TERM IS CANADAIR AIRCRAFT
. CL-41 AIRCRAFT
. CL-44 AIRCRAFT ят ACCURACY GS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) INSTRUMENT COMPENSATION INSTRUMENT ERRORS
MEASURING INSTRUMENTS CAPILLARIES (ANATOMY) CL-84 AIRCRAFT ∞ SCALING CL-600 CHALLENGER AIRCRAFT CAPILLARY TUBES SOLAR CELL CALIBRATION FACILITY STANDARDIZATION CAPILLARY CIRCULATION GENERAL DYNAMICS AIRCRAFT STANDARDS TEMPERATURE SCALES CAPILLARY FLOW **CANADAIR CF-104 AIRCRAFT** CAPILLARY FLOW CANADAIR AIRCRAFT USE CAPILLARY CIRCULATION CALORIMETRY F-104 AIRCRAFT HEAT MEASUREMENT ĞS FLUID FLOW USF CAPILLARY FLOW CANADAIR CL-41 AIRCRAFT BLOOD FLOW RT CL-41 AIRCRAF CAMBER LAMINAR FLOW CAMBER CONICAL CAMBER **CANADAIR CL-44 AIRCRAFT** CAPILLARY TUBES WING CAMBER CL-44 AIRCRAFT ∞ CAPILLARIES AIRFOILS RT ~TUBES BENDING CANADAIR CL-84 AIRCRAFT ∞ BOWS CAMBERED WINGS CL-84 AIRCRAFT CAPILLARY WAVES ELASTIC WAVES
. CAPILLARY WAVES CURVATURE CANALS CURVED BEAMS LANDFORMS GRAVITY WAVES DEFLECTION CANALS BAROCLINIC WAVES DEFORMATION WATERWAYS RIPPLES DISTORTION . CANALS SURFACE WAVES
. CAPILLARY WAVES
. GRAVITY WAVES **FLEXING** ЯΤ **FUSELAGES** FLOOD CONTROL FLUID FLOW GATES (OPENINGS) LIFT WARPAGE BAROCLINIC WAVES GREAT LAKES (NORTH AMERICA) RIPPLES INTERFACIAL TENSION RT CAMBERED WINGS TWO DIMENSIONAL FLOW WATER WAVES AIRFOILS MARS SURFACE MATERIALS HANDLING WINGS CAMBERED WINGS PANAMA ∞ CAPSULES RT CAMBER (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS FIXED WINGS STRAITS TWISTED WINGS UNCAMBERED WINGS TROUGHS LISTED BELOW) WATER FLOW ∞ BUCKETS WING CAMBER ∞ CONTAINERS CANARD CONFIGURATIONS FUEL CAPSULES AERODYNAMIC CONFIGURATIONS CAMEL AIRCRAFT SHELLS (STRUCTURAL FORMS) SPACE CAPSULES AIRCRAFT STRUCTURES

CONFIGURATIONS TU-104 AIRCRAFT USE TABLETS CONTROL SURFACES CAMERAS TEST CHAMBERS SAAB 37 AIRCRAFT TANDEM WING AIRCRAFT OPTICAL EQUIPMENT ∞ TEST EQUIPMENT TEST VEHICLES BAKER-NUNN CAMERA ∞ VESSELS CANBERRA AIRCRAFT BALLISTIC CAMERAS DELFT CAMERA ENGLISH ELECTRIC CANBERRA AIRCRAFT CAPTIVE TESTS DIFFRACTION LIMITED CAMERAS FAINT OBJECT CAMERA HIGH SPEED CAMERAS CAPTIVE TESTS BAC AIRCRAFT GS

CANBERRA AIRCRAFT JET AIRCRAFT

. STATIC TESTS

STATIC FIRING

... FRAMING CAMERAS

	E TESTS-(CONT.)	CARGO	AIRCRAFT-(CONT.)	CASC	ADES-(CONT.)
RT	ENGINE TESTS		YC-14 AIRCRAFT		ELECTRON PHOTON CASCADES
	GROUND TESTS	RT	AIR CARGO		
	MISSILE TESTS PREFIRING TESTS		∞ AIRCRAFT BOEING 727 AIRCRAFT		ADES (FLUID DYNAMICS)
	PRELAUNCH TESTS		BOEING 727 AIRCRAFT	USE	FLUID DYNAMICS
	∞ TESTS		BOEING 767 AIRCRAFT		
			COMMERCIAL AIRCRAFT		(CONTAINERS)
	RED AIR BUBBLE VEHICLES		HEAVY LIFT HELICOPTERS	GS	CASES (CONTAINERS) . ROCKET ENGINE CASES
GS	SURFACE VEHICLES		JET AIRCRAFT	AT	BOXES (CONTAINERS)
	. CAPTURED AIR BUBBLE VEHICLES		MATERIALS HANDLING MERCURE AIRCRAFT		CARTRIDGES
	WATER VEHICLES . CAPTURED AIR BUBBLE VEHICLES		MH-262 AIRCRAFT		∞ CONTAINERS
RT	HYDROFOIL CRAFT		∞ MILITARY AIRCRAFT		MISSILE BODIES
	SURFACE EFFECT SHIPS		MONOPLANES		PACKAGES    SHELVES
	SWATH (SHIP)		PASSENGER AIRCRAFT SC-7 AIRCRAFT		@SHELVES
	∞ VEHICLES		SUPERSONIC TRANSPORTS	CATAP	27 HI
CADAV	ELLE AIRCRAFT		T-39 AIRCRAFT	GS	LAUNCHERS
	SE-210 AIRCRAFT		TU-154 AIRCRAFT		. CATAPULTS
			UTILITY AIRCRAFT		. ROCKET CATAPULTS
CARBU	RETORS		VC-10 AIRCRAFT	RT	AIRCRAFT LAUNCHING DEVICES MISSILE LAUNCHERS
UF	INJECTION CARBURETORS	CARGO	MASTER AIRCRAFT		SEA LAUNCHING
RT	CHOKES (FUEL SYSTEMS)		C-133 AIRCRAFT		out a torior inte
	CONTACTORS ENGINE PARTS			CATHO	LYTES
	ENGINES		U AIRCRAFT	GS	CONDUCTORS
	FUEL INJECTION	USE	DHC 4 AIRCRAFT		. ELECTROLYTES
	FUEL SYSTEMS			DT	. CATHOLYTES
	INJECTORS		CYCLES	RT	ANOLYTES CELL CATHODES
	INTERNAL COMBUSTION ENGINES ∞JET NOZZLES	GS	CYCLES . THERMODYNAMIC CYCLES		DIAPHRAGMS (MECHANICS)
	MIXERS		CARNOT CYCLE		
	PREMIXED FLAMES	AT	ADIABATIC CONDITIONS	CAUCH	Y-RIEMANN EQUATIONS
	THROATS		RANKINE CYCLE	GS	ANALYSIS (MATHEMATICS)
			STIRLING CYCLE		. REAL VARIABLES
GS GS		CARRIA	nee .		DIFFERENTIAL EQUATIONS
us	AIRFOILS . WINGS	RT	CARTS		PARTIAL DIFFERENTIAL EQUATIONS CAUCHY-RIEMANN EQUATIONS
	. CARET WINGS	.,,	CHASSIS	RT	ANALYTIC FUNCTIONS
	PLANFORMS		DOLLIES		∞EQUATIONS
	. CARET WINGS		FRAMES		
RT	ARROW WINGS		LANDING GEAR SUPPORTS		C LINES
	DELTA WINGS WAVERIDERS		UNDERCARRIAGES	RT	FLIGHT PATHS
	WW. Eliberto				SHOCK WAVES SONIC BOOMS
CARGO		CARRIER	R ROCKETS		SUPERSONIC FLIGHT
UF	FREIGHT	USE	LAUNCH VEHICLES		WAVE FRONTS
GS	CARGO		-		
	. AIR CARGO AIR MAIL	∞ CARRIEF SN		CAVITA	
	. BAGGAGE	314	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS	USE	CAVITATION FLOW
RT	AIR DROP OPERATIONS		LISTED BELOW)	CAVITA	TION FLOW
	AIRDROPS	RT	AIRCRAFT CARRIERS	UF	CAVITATION
	DELIVERY		CARRIER DENSITY (SOLID STATE)	ψ.	GASEOUS CAVITATION
	FREIGHT COSTS HARBORS		CHARGE CARRIERS ZENER EFFECT	GS	FLUID FLOW
	HAULING		ZENER EFFECT		. TURBULENT FLOW
	MATERIALS HANDLING	CARTAN	SPACE	RT	CAVITATION FLOW BUBBLES
	RAILROAD HUMPING TESTS		COMPRESSIBLE FLOW	***	CAVITATION CORROSION
	RAPID TRANSIT SYSTEMS		FLUID FLOW		EROSION
	TRANSPORTATION TRANSPORTATION ENERGY		POTENTIAL FLOW		FLOW DISTRIBUTION
	TRUCKS	00	SPACE		IMPINGEMENT SEPARATED FLOW
		CARTS			SUPERCAVITATING FLOW
	AIRCRAFT	RT	CARRIAGES		ULTRASONIC CLEANING
GS	TRANSPORT AIRCRAFT		MATERIALS HANDLING		VORTICES
	. CARGO AIRCRAFT BREGUET 941 AIRCRAFT		UNDERCARRIAGES		WAKES
	C-1A AIRCRAFT				WATER
	C-2 AIRCRAFT	CASCADE GS		CAVITIE	s
	C-5 AIRCRAFT	GS	FLUID FLOW . CASCADE FLOW	UF	BORES
	C-9 AIRCRAFT C-46 AIRCRAFT	RT ∞	CASCADES	RT	APERTURES
	C-47 AIRCRAFT		OUTLET FLOW		BOREHOLES
	C-54 AIRCRAFT		TURBOMACHINE BLADES		CAVES ∞CELLS
	C-118 AIRCRAFT			٥	CRACK GEOMETRY
	C-119 AIRCRAFT		E WIND TUNNELS TEST FACILITIES		CRACKS
	C-121 AIRCRAFT C-123 AIRCRAFT		. WIND TUNNELS		DEFECTS
	C-124 AIRCRAFT		HYPERSONIC WIND TUNNELS		DUCTS
	C-130 AIRCRAFT		CASCADE WIND TUNNELS		GAS POCKETS HOLE DISTRIBUTION (MECHANICS)
	C-131 AIRCRAFT		. HYPERVELOCITY WIND TUNNELS	۰	HOLES
	C-133 AIRCRAFT C-135 AIRCRAFT		Cascade wind tunnels Hypersonic flow		HOLES (MECHANICS)
	C-135 AIRCHAFT		HYPERSONIC FLOW SHOCK TUNNELS	۰	HOLLOW
	C-141 AIRCHAFT				INTERSTICES
	C-160 AIRCRAFT	∞ CASCADE	:s		KARST KETTLES (GEOLOGY)
	CL-44 AIRCRAFT	SN	(USE OF A MORE SPECIFIC TERM IS		LEAKAGE
	DC 3 AIRCRAFT DC 7 AIRCRAFT		RECOMMENDED-CONSULT THE TERMS		OPENINGS
	F-27 AIRCRAFT		LISTED BELOW) CASCADE CONTROL		ORIFICES
	P-160 AIRCRAFT		CASCADE CONTHOL CASCADE FLOW		OUTLETS PASSAGEWAYS
	. P-166 AIRCRAFT		CIRCUITS		PASSAGEWAYS PERFORATED PLATES
	SPANLOADER AIRCRAFT	•	COSMIC RAY SHOWERS		PERFORATED SHELLS

### CC-106 AIRCRAFT

CAVITIES-(CONT.) ∞ PERFORATION
PORTS (OPENINGS) RECESSES TOOTH DISEASES VENTS VOIDS

CC-106 AIRCRAFT USE CL-44 AIRCRAFT

CEILING (AIRCRAFT CAPABILITY) ∞ AIRCRAFT AIRCRAFT SPECIFICATIONS ~CEILINGS FLIGHT ALTITUDE FLIGHT CHARACTERISTICS

∞ CEILINGS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW CEILING (AIRCRAFT CAPABILITY)
CEILINGS (ARCHITECTURE)
CEILINGS (METEOROLOGY) RT

CEILOMETERS

CLOUD HEIGHT INDICATORS

CELESTIAL NAVIGATION NAVIGATION CELESTIAL NAVIGATION

ASTROGUIDE NAVIGATION SYSTEM
ASTRONAVIGATION
AIR NAVIGATION

RT AUTONOMOUS NAVIGATION CCD STAR TRACKER INERTIAL NAVIGATION INJECTION GUIDANCE INTERPLANETARY NAVIGATION POLAR NAVIGATION RADAR NAVIGATION RADIO NAVIGATION REFERENCE STARS SOLAR POSITION SPACE NAVIGATION SPACECRAFT GUIDANCE STAR TRACKERS SURFACE NAVIGATION

CELESTIAL REFERENCE SYSTEMS

AIR NAVIGATION
ASTRONOMICAL COORDINATES ASTRONOMICAL MAPS AZIMUTH COORDINATES GOCENTRIC COORDINATES
INERTIAL REFERENCE SYSTEMS
INTERPLANETARY NAVIGATION
INTERSTELLAR TRAVEL
PLANETOCENTRIC COORDINATES **∞ REFERENCE SYSTEMS** SOLAR LONGITUDE SPHERICAL COORDINATES ∞ SYSTEMS

CEMS SYSTEM

CENTRAL ELECTRONIC MANAGEMENT

SYSTEM

CENTAUR LAUNCH VEHICLE
UF CENTAUR VEHICLE
GS LAUNCH VEHICLES

CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
ROCKET VEHICLES

CENTAUR LAUNCH VEHICLE

ATLAS CENTAUR LAUNCH VEHICLE ATLAS D ICBM

RT LIQUID PROPELLANT ROCKET ENGINES
SATURN PROJECT TITAN CENTAUR LAUNCH VEHICLE

CENTAUR VEHICLE
USE CENTAUR LAUNCH VEHICLE

CENTER OF PRESSURE ∞ CENTERS

HYDROSTATIC PRESSURE MOMENTS OF INERTIA PRESSURE PRESSURE DISTRIBUTION PRESSURE HEADS

CENTERBODIES AFTERBODIES

AIRCRAFT STRUCTURES ~ BODIES CYLINDRICAL BODIES FOREBODIES FUSELAGES

CENTRAL ELECTRONIC MANAGEMENT SYSTEM

CEMS SYSTEM GS

DATA PROCESSING
. CENTRAL ELECTRONIC MANAGEMENT

SYSTEM ĦΤ MANAGEMENT ∞ SYSTEMS

RT

RT

RT

RT

CENTRIFUGAL COMPRESSORS

COMPRESSORS
CENTRIFUGAL COMPRESSORS TURBOMACHINERY
CENTRIFUGAL COMPRESSORS

RI OWERS COMPRESSOR BLADES COMPRESSOR ROTORS IMPELLERS PUMP IMPELLERS PUMPS RADIAL FLOW ROTORS SUPERCHARGERS

TURBOCOMPRESSORS

CENTURION AIRCRAFT

CESSNA 210 AIRCRAFT

CESSNA AIRCRAFT
GS CESSNA AIRCRAFT
. A-37 AIRCRAFT

A-37 AIHCHAFT
CESSNA L-19 AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 210 AIRCRAFT
CESSNA 402B AIRCRAFT
L37 AIRCRAFT
L37 AIRCRAFT T-37 AIRCRAFT ∞ AIRCRAFT

CESSNA L-19 AIRCRAFT
GS CESSNA AIRCRAFT CESSNA L-19 AIRCRAFT LIGHT AIRCRAFT CESSNA L-19 AIRCRAFT MONOPLANES CESSNA L-19 AIRCRAFT OBSERVATION AIRCRAFT
CESSNA L-19 AIRCRAFT
RECONNAISSANCE AIRCRAFT

CESSNA L-19 AIRCRAFT

∞ AIRCRAFT

CESSNA MILITARY AIRCRAFT
USE MILITARY AIRCRAFT

CESSNA 172 AIRCRAFT GS CESSNA AIRCRAFT CESSNA 172 AIRCRAFT GENERAL AVIATION AIRCRAFT CESSNA 172 AIRCRAFT LIGHT AIRCRAFT . CESSNA 172 AIRCRAFT MONOPLANES MONOPCAIRE
MONOPCAIRE
CESSNA 172 AIRCRAFT
PASSENGER AIRCRAFT
CESSNA 172 AIRCRAFT
SINGLE ENGINE AIRCRAFT
CESSNA 172 AIRCRAFT

CESSNA 205 AIRCRAFT
GS CESSNA AIRCRAFT CESSNA AIRCRAFT
CESSNA 205 AIRCRAFT
GENERAL AVIATION AIRCRAFT
CESSNA 205 AIRCRAFT
LIGHT AIRCRAFT
CESSNA 205 AIRCRAFT MONOPLANES CESSNA 205 AIRCRAFT PASSENGER AIRCRAFT CESSNA 205 AIRCRAFT
SINGLE ENGINE AIRCRAFT
CESSNA 205 AIRCRAFT

CESSNA 210 AIRCRAFT CENTURION AIRCRAFT UF

∞ AIRCRAFT

CESSNA 210 AIRCRAFT-(CONT.)
GS CESSNA AIRCRAFT . CESSNA 210 AIRCRAFT GENERAL AVIATION AIRCRAFT . CESSNA 210 AIRCRAFT LIGHT AIRCRAFT
CESSNA 210 AIRCRAFT MONOPLANES . CESSNA 210 AIRCRAFT PASSENGER AIRCRAFT CESSNA 210 AIRCRAFT SINGLE ENGINE AIRCRAFT CESSNA 210 AIRCRAFT

CESSNA 402B AIRCRAFT
GS CESSNA AIRCRAFT . CESSNA 402B AIRCRAFT GENERAL AVIATION AIRCRAFT . CESSNA 402B AIRCRAFT LIGHT AIRCRAFT . CESSNA 402B AIRCRAFT MONOPLANES CESSNA 4028 AIRCRAFT PASSENGER AIRCRAFT CESSNA 4028 AIRCRAFT

TRANSPORT AIRCRAFT
. SHORT HAUL AIRCRAFT
. CESSNA 402B AIRCRAFT

m AIRCRAFT

CF-104 AIRCRAFT USE

CANADAIR AIRCRAFT F-104 AIRCRAFT

CF-700 ENGINE

ENGINES . AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. . JET ENGINES ... JET ENGINES
... TURBOJET ENGINES
... TURBOFAN ENGINES
... CF-700 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
... JET ENGINES . . TURBOJET ENGINES TURBOFAN ENGINES
CF-700 ENGINE TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES TURBOJET ENGINES
TURBOFAN ENGINES CF-700 ENGINE
VERTICAL TAKEOFF AIRCRAFT

CH-3 HELICOPTER
GS PASSENGER AIRCRAFT

. CH-3 HELICOPTER SIKORSKY AIRCRAFT . CH-3 HELICOPTER TRANSPORT AIRCRAFT CH-3 HELICOPTER V/STOL AIRCRAFT
ROTARY WING AIRCRAFT HELICOPTERS MILITARY HELICOPTERS RIGID ROTOR HELICOPTERS

CH-34 HELICOPTER

RT

ELICOPTER
CHOCTAW HELICOPTER
H-34 HELICOPTER
SIKORSKY AIRCRAFT
CH-34 HELICOPTER
TRANSPORT AIRCRAFT
CH-34 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTER UF GS HELICOPTERS MILITARY HELICOPTERS CH-34 HELICOPTER S-58 HELICOPTER

S-61 HELICOPTER

CH-46 HELICOPTER

CH-113 HELICOPTER HRB-1 HELICOPTER SEA KNIGHT HELICOPTER VOYAGEUR HELICOPTER **BOEING AIRCRAFT** GS . CH-46 HELICOPTER PASSENGER AIRCRAFT CH-46 HELICOPTER

CH 46	UELLOOPTED (COA/T.)				
UN-40	HELICOPTER-(CONT.) TRANSPORT AIRCRAFT	∞ CHAME SN	VERS  (USE OF A MORE SPECIFIC TERM IS		IAN SHEAR LAYER
	. CH-46 HELICOPTER	214	RECOMMENDEDCONSULT THE TERMS	USE	SHEAR LAYERS
	V/STOL AIRCRAFT		LISTED BELOW)		
	. ROTARY WING AIRCRAFT	RT	ANECHOIC CHAMBERS	CHAPM UF	IAN-ENSKOG THEORY
	. HELICOPTERS		ARC CHAMBERS	GS	ENSKOG-CHAPMAN THEORY KINETIC THEORY
	MILITARY HELICOPTERS		BUBBLE CHAMBERS	ao	. TRANSPORT THEORY
	TANDEM ROTOR HELICOPTERS		CLOUD CHAMBERS COMBUSTION CHAMBERS		CHAPMAN-ENSKOG THEORY
	CH-46 HELICOPTER		CYLINDRICAL CHAMBERS	AT	BOLTZMANN TRANSPORT EQUATION
			FLEXING		DISTRIBUTION FUNCTIONS
CH-47	HELICOPTER		FLOW CHAMBERS		FLOW DISTRIBUTION MONATOMIC GASES
UF	CHINOOK HELICOPTER		HYPERBARIC CHAMBERS		RAREFIED GAS DYNAMICS
	HC-1 HELICOPTER		IONIZATION CHAMBERS PLENUM CHAMBERS		TEMPERATURE GRADIENTS
GS	BOEING AIRCRAFT		PRESSURE CHAMBERS		∞ THEORIES
	CH-47 HELICOPTER		REVERBERATION CHAMBERS		THERMAL DIFFUSION
	PASSENGER AIRCRAFT . CH-47 HELICOPTER		SPARK CHAMBERS		
	TRANSPORT AIRCRAFT		TEST CHAMBERS		AN-JOUGET FLAME
	CH-47 HELICOPTER		THRUST CHAMBERS	USE	
	V/STOL AIRCRAFT		VACUUM CHAMBERS		DETONATION FLAME PROPAGATION
	. ROTARY WING AIRCRAFT				PLAME PROPAGATION
	HELICOPTERS MILITARY HELICOPTERS	CHANC UF	E-YOUGHT AIRCRAFT CHANCE-YOUGHT MILITARY AIRCRAFT	CHARA	CTERISTIC METHOD
	CH-47 HELICOPTER		∞ AIRCRAFT	USE	METHOD OF CHARACTERISTICS
	TANDEM ROTOR HELICOPTERS	•••	WHITE I	OOL	WETTOD OF CHARACTERISTICS
	CH-47 HELICOPTER	CHANC	E-VOUGHT MILITARY AIRCRAFT	CHARTS	,
		USE	CHANCE-VOUGHT AIRCRAFT	GS	CHARTS
CH-53	HELICOPTER	002	MILITARY AIRCRAFT	45	. FLOW CHARTS
USE	H-53 HELICOPTER				. GRAPHS (CHARTS)
		CHAND	RASEKHAR EQUATION		BOND GRAPHS
CH-54	HELICOPTER	GS	ANALYSIS (MATHEMATICS)		. GOMPERTZ CURVES
UF	S-64 HELICOPTER		. REAL VARIABLES		. MOLLIER DIAGRAM
	SIKORSKY S-64 HELICOPTER		DIFFERENTIAL EQUATIONS		. PATTERSON MAP . METEOROLOGICAL CHARTS
00	SKYCRANE HELICOPTER		CHANDRASEKHAR EQUATION		. NAUTICAL CHARTS
GS	PASSENGER AIRCRAFT . CH-54 HELICOPTER	RT	ELECTROMAGNETIC ABSORPTION ∞ EQUATIONS	RT	BLOCK DIAGRAMS
	SIKORSKY AIRCRAFT	'	∞ EQUATIONS		DIAGRAMS
	. CH-54 HELICOPTER	_			DISPLAY DEVICES
	TRANSPORT AIRCRAFT		EL FLOW		DRAWINGS
	CH-54 HELICOPTER	GS	FLUID FLOW . CHANNEL FLOW		GRAPHIC ARTS MAPS
	V/STOL AIRCRAFT		. OPEN CHANNEL FLOW		NAVIGATION AIDS
	HOTARY WING AIRCRAFT HELICOPTERS	RT	ANNULAR FLOW		NOMOGRAPHS
	MILITARY HELICOPTERS		CORNER FLOW	a	oPLOTS
	CH-54 HELICOPTER		DREDGED MATERIALS		STATISTICAL ANALYSIS
			DUCTED FLOW		STATISTICAL TESTS
CH-62	HELICOPTER		FLOW GEOMETRY		VISUAL AIDS
GS	BOEING AIRCRAFT		FLUID INJECTION INCOMPRESSIBLE FLUIDS		
	. CH-62 HELICOPTER		OUTLET FLOW		HEV APPROXIMATION
	V/STOL AIRCRAFT		PIPE FLOW	GS	ANALYSIS (MATHEMATICS) . NUMERICAL ANALYSIS
	. ROTARY WING AIRCRAFT		WALL FLOW		. APPROXIMATION
	HELICOPTERS MILITARY HELICOPTERS				CHEBYSHEV APPROXIMATION
	HEAVY LIFT HELICOPTERS	CHANNE	L WINGS	RT	SERIES (MATHEMATICS)
	CH-62 HELICOPTER	GS	AIRFOILS		STATISTICAL ANALYSIS
RT	∞ MILITARY AIRCRAFT		. WINGS		
			CHANNEL WINGS PLANFORMS	CHECKO	
CHAINS	<b>,</b>		. WING PLANFORMS	SN	(SEQUENCE OF TESTS TO DETERMINE
SN	(EXCLUDES CHEMICAL BONDS AND		. CHANNEL WINGS		FUNCTIONAL READINESS OF
DT	NUCLEAR REACTIONS)	AT	AERODYNAMIC CONFIGURATIONS		EQUIPMENT) DEBUGGING
RT	∞BARHIERS CABLES (ROPES)		AIRCRAFT DESIGN	ÄT	AIRCRAFT MAINTENANCE
	FASTENERS		AIRCRAFT PARTS		CEFOAM CHECKOUT EQUIPMENT
	∞LINKS		AIRCRAFT STRUCTURES		CERTIFICATION
	MOLECULAR CHAINS				COLD FLOW TESTS
		∞ CHANNE			COUNTDOWN FILE MAINTENANCE (COMPUTERS)
CHAIRS		SN	(USE OF A MORE SPECIFIC TERM IS		INSPECTION
USE	SEATS		RECOMMENDEDCONSULT THE TERMS LISTED BELOW)		MAINTENANCE
		AT	CHANNELS (DATA TRANSMISSION)		PERFORMANCE TESTS
CHALLE	NGER (ORBITER)		COMPUTER STORAGE DEVICES		PREFIRING TESTS
UF	SPACE SHUTTLE ORBITER 099		DREDGED MATERIALS		PROGRAM VERIFICATION (COMPUTERS)
GS	MANNED SPACECRAFT		DUCTS		SELF TESTS
	. SPACE SHUTTLE ORBITERS CHALLENGER (ORBITER)		FREQUENCIES		SPACE VEHICLE CHECKOUT PROGRAM SPACECRAFT MAINTENANCE
	REENTRY VEHICLES		MEDIA PARALLEL PLATES		TEST EQUIPMENT
	RECOVERABLE SPACECRAFT		STRUCTURAL MEMBERS		TESTS
	REUSABLE SPACECRAFT		TELECOMMUNICATION		
	SPACE SHUTTLE ORBITERS		THROATS		JT EQUIPMENT
OT	CHALLENGER (ORBITER)			USE	TEST EQUIPMENT
RT	ENDEAVOUR (ORBITER) SPACE SHUTTLE MISSION 31-B	CHAPARI	RAL MISSILE		
	SPACE SHUTTLE MISSION 31-B SPACE SHUTTLE MISSION 31-C	GS	MISSILES		L EXPLOSIONS
	SPACE SHUTTLE MISSION 31-D		SURFACE TO AIR MISSILES		EXPLOSIONS CHEMICAL EXPLOSIONS
	SPACE SHUTTLE MISSION 41-B		CHAPARRAL MISSILE		. CHEMICAL EXPLOSIONS GAS EXPLOSIONS
	SPACE SHUTTLE MISSION 41-C	RT	SPACE WEAPONS		AERIAL EXPLOSIONS
	SPACE SHUTTLE MISSION 41-G				COMBUSTION
	SPACE SHUTTLE MISSION 51-B SPACE SHUTTLE MISSION 51-E		IIN EQUATION		DETONABLE GAS MIXTURES
	SPACE SHUTTLE MISSION 51-E SPACE SHUTTLE MISSION 51-F		FLOW EQUATIONS		DETONATION
	SPACE SHUTTLE MISSION 51-L		. CHAPLYGIN EQUATION EQUATIONS		EXPLOSIVES
	SPACE SHUTTLE MISSION 61-A		HODOGRAPHS		FLAMMABLE GASES UNDERGROUND EXPLOSIONS
•	∞ SPACECRAFT		VECTOR SPACES		UNDERWATER EXPLOSIONS

#### CHEMICAL EXTINGUISHERS

CIRCULATION-(CONT.)
... CORONARY CIRCULATION CHOKES (FUEL SYSTEMS) CHEMICAL EXTINGUISHERS CARRURFTORS FIRE EXTINGUISHERS INTERCRANIAL CIRCULATION FUEL SYSTEMS INTRAVASCULAR SYSTEM OCULAR CIRCULATION ORIFICES CHEMICAL FUELS m SYSTEMS PERIPHERAL CIRCULATION
PULMONARY CIRCULATION
CARBOXYHEMOGLOBIN **FUELS** CHEMICAL FUELS CHOKES (RESTRICTIONS)
RT CHOKES (FUEL SYSTEMS) ENDOTHERMIC FUELS HIGH ENERGY FUELS CONGESTION
WATER CIRCULATION
WATER CURRENTS CLOSURES HYDROCARBON FUELS CONSTRICTIONS DIESEL FUELS GASOLINE IMPEDANCE OCEAN CURRENTS
COASTAL CURRENTS ∞ NOZZLFS JET ENGINE FUELS ORIFICES EL NINO JP-4 JET FUEL JP-5 JET FUEL THROATS GULF STREAM LOMONOSOV CURRENT VALVES JP-6 JET FUEL JP-8 JET FUEL ARTIFICIAL CARDIAC PACEMAKER RΤ LIQUEFIED NATURAL GAS CHORDS (GEOMETRY)
UF AERODYNAMIC CHORDS BLOOD BLOOD PUMPS SYNTHANE BLOWING CIRCULATION DISTRIBUTION GEOMETRY LIQUID FUELS EUCLIDEAN GEOMETRY AIRCRAFT FUELS LINES (GEOMETRY) ...CURRENTS ANTIMISTING FUELS AUTOMOBILE FUELS CHORDS (GEOMETRY)
CURVES (GEOMETRY) DELIVERY DIESEL FUELS DIFFUSION GEODESIC LINES DISPERSING GASOLINE HYDROGEN FUELS TANGENTS HEART IMPLANTATION JET ENGINE FUELS PURGING ROTATION JP-4 JET FUEL JP-5 JET FUEL CHRONOGRAPHS CHRONOMETERS USE JP-6 JET FUEL JP-8 JET FUEL CIRCULATION CONTROL AIRFOILS **AIRFOILS** CHRONOMETERS KEROSENE CIRCULATION CONTROL AIRFOILS
. CIRCULATION CONTROL ROTORS CHRONOGRAPHS METAL FUELS MEASURING INSTRUMENTS ĠS SYNTHETIC FUELS
. GASOHOL (FUEL) BLOWING TIME MEASURING INSTRUMENTS BOUNDARY LAYER CONTROL CLOCKS SYNTHANE CHRONOMETERS COANDA EFFECT CLEAN FUELS EXPLOSIVES ∞CONTROL ATOMIC CLOCKS CLOCK PARADOX RT LIFT AUGMENTATION SHORT TAKEOFF AIRCRAFT UNDER SURFACE BLOWING FUEL PRODUCTION
GELLED PROPELLANTS TIME MEASUREMENT TIMING DEVICES GELLED ROCKET PROPELLANTS HYBRID PROPELLANTS UPPER SURFACE BLOWING CHRONOPHOTOGRAPHY MONOPROPELLANTS CIRCULATION CONTROL ROTORS TIME LAPSE PHOTOGRAPHY PLASTIC PROPELLANTS AIRFOILS GS IMAGERY CIRCULATION CONTROL AIRFOILS PROPELLANTS CHRONOPHOTOGRAPHY **PYROTECHNICS** CIRCULATION CONTROL ROTORS PHOTOGRAPHY CHRONOPHOTOGRAPHY SOLID PROPELLANTS WINGS ROTARY WINGS BLACK AND WHITE PHOTOGRAPHY MOTION PICTURES RT CIRCULATION CONTROL ROTORS CHEMICAL PROPULSION CHEMONUCLEAR PROPULSION PROPULSION ROTATING BODIES ROTORS GS CHUGGING ROTARY WINGS
. CIRCULATION CONTROL ROTORS CHEMICAL PROPULSION
. HYBRID PROPULSION
JET PROPULSION COMBUSTION STABILITY ∞ CONTROL ЯT CINEFLUOROGRAPHY
USE MOTION PICTURES VERTICAL TAKEOFF AIRCRAFT MARINE PROPULSION SPACECRAFT PROPULSION X WING BOTORS RADIOGRAPHY UNDERWATER PROPULSION CIRCULATORS (PHASE SHIFT CIRCUITS)
GS CIRCUITS CINEMATOGRAPHY CHEMONUCLEAR PROPULSION
USE CHEMICAL PROPULSION GS MAGERY . PHASE SHIFT CIRCUITS
.. CIRCULATORS (PHASE SHIFT CINEMATOGRAPHY NUCLEAR PROPULSION PHOTOGRAPHY CIRCUITS) CINEMATOGRAPHY CAVITY RESONATORS DELAY CIRCUITS ANIMATION CHILLING BLACK AND WHITE PHOTOGRAPHY COOLING **DUPLEXERS** USE FARADAY EFFECT HALL GENERATORS COLOR PHOTOGRAPHY INFRARED PHOTOGRAPHY CHINESE AIRCRAFT LIMITER CIRCUITS MOTION PICTURES STEREOPHOTOGRAPHY ∞ AIRCRAFT CHINA STREAK CAMERAS CIVIL AVIATION COMMERCIAL AVIATION VIDEO TAPES CHINESE SPACE PROGRAM RT . AERONAUTICS PROGRAMS AIR LAW SPACE PROGRAMS CINERADIOGRAPHY AIRLINE OPERATIONS MOTION PICTURES . CHINESE SPACE PROGRAM USE AVIATION METEOROLOGY RADIOGRAPHY CHINA COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT ∞ RESEARCH PROJECTS CIRCULAR CONES SPACE MISSIONS PASSENGER AIRCRAFT TAIWAN GS CIRCULAR CONES HALF CONES **CL-41 AIRCRAFT AT** CHINOOK HELICOPTER CANADAIR CL-41 AIRCRAFT CT-114 AIRCRAFT NOSE CONES CH-47 HELICOPTER TUTOR AIRCRAFT ATTACK AIRCRAFT CL-41 AIRCRAFT CIRCULAR CYLINDERS CHOCTAW HELICOPTER ∞ CYLINDERS GS CH-34 HELICOPTER CYLINDRICAL BODIES CANADAIR AIRCRAFT
. CL-41 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT CYLINDRICAL SHELLS ELLIPTICAL CYLINDERS CHOKES (EXCLUDES FUEL SYSTEM AND . CL-41 AIRCRAFT JET AIRCRAFT . CL-41 AIRCRAFT SN CIRCULATION ELECTRONIC DEVICES) CHOKES (RESTRICTIONS)

© DIFFUSERS UF GS RECIRCULATION CIRCULATION MONOPLANES ATMOSPHERIC CIRCULATION . ZONAL FLOW (METEOROLOGY) ELECTRIC COILS CL-41 AIRCRAFT MIXING TRAINING AIRCRAFT

BLOOD CIRCULATION

BRAIN CIRCULATION

**CL-41 AIRCRAFT** 

NOZZLE INSERTS

∞ NOZZLES

## **COLD FLOW TESTS**

CI -41 A	AIRCRAFT-(CONT.)	CLIMBIN	g flight- <i>(CONT.)</i>	COAND	A EFFECT
	∞ AIRCRAFT	•	FLIGHT PATHS	RT .	∞ ATTACHMENT
			HORIZONTAL FLIGHT		BUBBLES
C1 -44 4	MRCRAFT		PARABOLIC FLIGHT		CIRCULATION CONTROL AIRFOILS
UF	CANADAIR CL-44 AIRCRAFT		ROCKET FLIGHT		∞ EFFECTS
O,	CC-106 AIRCRAFT		SOARING		ENTRAINMENT
	YUKON AIRCRAFT		TAKEOFF		FLUID AMPLIFIERS
GS	CANADAIR AIRCRAFT		TURNING FLIGHT		JET AMPLIFIERS
u.	. CL-44 AIRCRAFT		VERTICAL FLIGHT		JET STREAMS (METEOROLOGY)
	GENERAL DYNAMICS AIRCRAFT				REATTACHED FLOW
	. CL-44 AIRCRAFT	CLOCKS		•	∞ SEPARATION
	JET AIRCRAFT	UF	WATCHES		THRUST AUGMENTATION
	. TURBOPROP AIRCRAFT	GS	MEASURING INSTRUMENTS		
	CL-44 AIRCRAFT		. TIME MEASURING INSTRUMENTS	COASTI	NG FLIGHT
	MONOPLANES		CLOCKS	RT	ASCENT TRAJECTORIES
	. CL-44 AIRCRAFT		ATOMIC CLOCKS		BALLISTIC TRAJECTORIES
	TRANSPORT AIRCRAFT		AUTONOMOUS SPACECRAFT		CLIMBING FLIGHT
	. CARGO AIRCRAFT		CLOCKS		CRUISING FLIGHT
	CL-44 AIRCRAFT		CHRONOMETERS		DESCENT TRAJECTORIES
RT	∞ AIRCRAFT	RT	TIME MEASUREMENT		∞FLIGHT
			TIMING DEVICES		MIDCOURSE TRAJECTORIES
CI -84 4	IRCRAFT				PARABOLIC FLIGHT
UF	CANADAIR CL-84 AIRCRAFT	CLOSED	CIRCUIT TELEVISION		ROCKET FLIGHT
GS.	ANTISUBMARINE WARFARE AIRCRAFT	GS	COMMUNICATION EQUIPMENT		SOARING
uo	. CL-84 AIRCRAFT		. CLOSED CIRCUIT TELEVISION		
	CANADAIR AIRCRAFT		TELECOMMUNICATION	COAXIA	L FLOW
	. CL-84 AIRCRAFT		. CLOSED CIRCUIT TELEVISION	GS	FLUID FLOW
	GENERAL DYNAMICS AIRCRAFT		TELEVISION SYSTEMS		. COAXIAL FLOW
	. CL-84 AIRCRAFT		CLOSED CIRCUIT TELEVISION	RT	ANNULAR FLOW
	JET AIRCRAFT	RT	COLOR TELEVISION		ANNULAR NOZZLES
	TURBOPROP AIRCRAFT		EDUCATIONAL TELEVISION		AXIAL FLOW
	. CL-84 AIRCRAFT		STEREOTELEVISION		AXISYMMETRIC FLOW
	OBSERVATION AIRCRAFT		TELEVISION CAMERAS		FLOW GEOMETRY
	. CL-84 AIRCRAFT		TELEVISION RECEIVERS		HILSCH TUBES
	RECONNAISSANCE AIRCRAFT		TELEVISION TRANSMISSION		SHEAR FLOW
	. CL-84 AIRCRAFT		WIRELESS COMMUNICATION		STRATIFIED FLOW
	TILT WING AIRCRAFT				TWO DIMENSIONAL FLOW
	. CL-84 AIRCRAFT	CLOSED			
	TRANSPORT AIRCRAFT	SN	(EXCLUDES CLOSED LOOP CONTROL	COAXIAI	L NOZZLES
	. CL-84 AIRCRAFT		SYSTEMS)	RT	AIRCRAFT NOISE
	V/STOL AIRCRAFT	RT	CONTROL THEORY	•••	AXIAL FLOW
	. CL-84 AIRCRAFT		COOLING SYSTEMS		FLUID FLOW
RT	∞ AIRCRAFT		ELECTRIC GENERATORS		NOISE REDUCTION
			GAS TURBINES		NOZZLE GEOMETRY
CLARK	Y AIRFOIL		LOOPS		NOZZLES
USE	AIRFOIL PROFILES		NUCLEAR REACTORS		SUPERSONIC NOZZLES
			PLASMA GENERATORS		VARIABLE CYCLE ENGINES
CI AGGI	AIRCRAFT		THERMAL CYCLING TESTS		
	IL-62 AIRCRAFT		THERMODYNAMIC CYCLES	COCK A	IRCRAFT
HEE					
USE					AN-22 AIRCRAFT
			LOOP SYSTEMS	USE	AN-22 AIRCRAFT
CLEAN	FUELS		LOOP SYSTEMS FEEDBACK CONTROL	USE	
	FUELS FUELS			USE	T SIMULATORS
CLEAN	FUELS FUELS . CLEAN FUELS		FEEDBACK CONTROL	USE	T SIMULATORS SIMULATORS
CLEAN GS	FUELS FUELS . CLEAN FUELS . FUEL OILS	USE <b>Closuri</b>	FEEDBACK CONTROL	USE	T SIMULATORS SIMULATORS TRAINING SIMULATORS
CLEAN	FUELS FUELS . CLEAN FUELS FUEL OILS BENEFICIATION	USE <b>Closuri</b>	FEEDBACK CONTROL	USE	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS
CLEAN GS	FUELS FUELS . CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS	USE <b>CLOSURI</b> GS	FEEDBACK CONTROL  LAW LAWS	USE COCKPIT GS	T SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS COCKPIT SIMULATORS
CLEAN GS	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS	USE CLOSURI GS RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW	USE	T SIMULATORS SIMULATORS TRAINING SIMULATORS FIGHT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS
CLEAN GS	FUELS FUELS CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION	USE <b>CLOSURI</b> GS RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS)	USE COCKPIT GS	T SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS COCKPIT SIMULATORS
CLEAN GS	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING	USE <b>CLOSURI</b> GS RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL	USE COCKPIT GS	T SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES
CLEAN GS	FUELS FUELS CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION	USE <b>CLOSURI</b> GS RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS	COCKPIT  GS  RT  COCKPIT	T SIMULATORS SIMULATORS TRAINING SIMULATORS FIGHT SIMULATORS FOCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES
CLEAN GS RT	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS	USE <b>CLOSURI</b> GS RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW	USE COCKPIT GS	T SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS AIRCRAFT COMPARTMENTS
CLEAN GS RT	FUELS FUELS CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS AIR TURBULENCE	USE CLOSURI GS RT CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  EIGHT INDICATORS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS . COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES
CLEAN GS RT	FUELS  FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE	CLOSURI GS RT CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FIGHT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS
CLEAN GS RT	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE	CLOSURI GS RT CLOUD H UF GS	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES
CLEAN GS RT CLEAR GS	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS AIR TURBULENCE TURBULENCE ATMOSPHERIC TURBULENCE . CLEAR AIR TURBULENCE	CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS . COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS
CLEAN GS RT	FUELS  FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY	CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS . COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS SIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS
CLEAN GS RT CLEAR GS	FUELS FUELS CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS	CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS COCKPIT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES
CLEAN GS RT CLEAR GS	FUELS FUELS . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY)	CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS
CLEAN GS RT CLEAR GS	FUELS  FUELS  CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY	CLOUD H	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS COCKPIT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES
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CLEAN GS RT CLEAR GS	FUELS  FUELS  CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY	CLOUD H UF GS RT CLOUD H UF GS	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN ATMOSPHERES
CLEAN GS RT CLEAR GS RT	FUELS  FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR	CLOUD H UF GS RT CLOUD H UF GS	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAYES	COCKPIT  RT  COCKPIT  RT	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS FACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES
CLEAR GS RT CLEARA	FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR	CLOUD H UF GS RT CLOUD H UF GS	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES	COCKPIT GS RT COCKPIT RT	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS
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CLEAR GS RT CLEARA	FUELS  FUELS  . CLEAN FUELS . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT	CLOUD H UF GS RT CLOUD H UF GS	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIELD THOICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAYES GRAVITY WAYES SHALLOW WATER	COD AIR	T SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING DEVICES  TS AIRCRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS
CLEAR GS RT CLEARA	FUELS  FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALIGNMENT  ALLOWANCES	CLOUD H UF GS RT CHOIDAL RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAYES GRAVITY WAYES SHALLOW WATER SOLITARY WAYES	COD AIR	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT
CLEAR GS RT CLEARA	FUELS FUELS CLEAN FUELS FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE AIMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION)	CLOUD H UF GS RT CHOIDAL RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES	COD AIR USE	T SIMULATORS SIMULATORS . TRAINING SIMULATORS . FLIGHT SIMULATORS
CLEAR GS RT CLEARA	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING	CLOUD H UF GS RT CHOIDAL RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIELD THORE FOR THE SET OF THE SET	COD AIR	T SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING DEVICES  TS AIRCRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN SWINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT
CLEAR GS RT CLEARA	FUELS  FUELS  CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE . AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALIGNMENT ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS	CLOUD H UF GS RT CHOIDAL RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS . METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES	COD AIR USE	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FIGHT SIMULATORS FIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LIGHT ARMED RECONNAISSANCE
CLEAR GS RT CLEARA	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING	CLOUD H UF GS RT CHOIDAL RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAYES	COD AIR USE	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT
CLEAR GS RT CLEAR GS RT	FUELS  FUELS  FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALLOWANCES  DATUM (ELEVATION)  SPACING  TIGHTNESS  TOLERANCES (MECHANICS)	CLOUD H UF GS RT CNOIDAL RT	ELAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAYES EENCE	COD AIR USE COIN AIR	SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING DIVIDEN SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN SWINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT
CLEAR GS RT CLEARART CLEARART	FUELS  FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALLOWANCES  DATUM (ELEVATION)  SPACING  TIGHTNESS  TOLERANCES (MECHANICS)  NGS (OPENINGS)	CLOUD H UF GS RT CNOIDAL RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAYES	COD AIR USE COIN AIR	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT COIN AIRCRAFT COIN AIRCRAFT COIN AIRCRAFT F.5 AIRCRAFT
CLEAR GS RT CLEARA RT CLEARA RT	FUELS  FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALLOWANCES  DATUM (ELEVATION)  SPACING  TIGHTNESS  TOLERANCES (MECHANICS)  NAS (OPENINGS)  SLASHES	CLOUD H UF GS  RT  CHOIDAL RT  COALESC USE	FEEDBACK CONTROL  LAW LAWS CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  EIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS INDICATING INSTRUMENTS CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES WATER DEPTH WATER WAVES WATER WAVES WATER WAVES WAYES EILOR COALESCING	COD AIR USE COIN AIR USE COIN AIR USE	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT F-5 AIRCRAFT OV-10 AIRCRAFT
CLEAR GS RT CLEARART CLEARART	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  . ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALLOWANCES  DATUM (ELEVATION)  SPACING  TIGHTNESS  TOLERANCES (MECHANICS)  NCS (OPENINGS)  SLASHES  DEFORESTATION	CLOUD H UF GS RT CHOIDAL RT COALESC USE COALESC	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAVES  ENCE COALESCING	COD AIR USE COIN AIR USE COIN AIR USE	SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABIN SWINDSHIELDS  ICRAFT C-2 AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT F-5 AIRCRAFT OV-10 AIRCRAFT BAIRCRAFT COIN AIRCRAFT CAIRCRAFT COIN AIRCRAFT CAIRCRAFT COIN AIRCRAFT
CLEAR GS RT CLEARA RT CLEARA RT	FUELS  FUELS  FUELS  CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION	CLOUD H UF GS RT CHOIDAL RT COALESC USE COALESC	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SCHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAYES EENCE COALESCING  EING COALESCENCE	COD AIR USE COIN AIR USE COIN AIR USE	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT F-5 AIRCRAFT OV-10 AIRCRAFT
CLEAR GS RT CLEARA RT CLEARA RT	FUELS  FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE AIMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NAS (OPENINGS) SLASHES DEFORESTS	CLOUD H UF GS  RT  CLOUD H UF GS  RT  CNOIDAL RT  COALESC USE COALESC UF RT	FEEDBACK CONTROL  LAW LAWS CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  EIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS INDICATING INSTRUMENTS CLOUD HEIGHT INDICATORS METEOROLOGICAL INSTRUMENTS CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES WATER DEPTH WATER WAVES WAYES WAVES  EINCE COALESCING  EING COALESCENCE AGGLOMERATION	COD AIR USE COIN AII UF GS	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT - F-5 AIRCRAFT OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT
CLEAR GS RT CLEARA RT CLEARA RT	FUELS  FUELS  FUELS  CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION	CLOUD H UF GS  RT  CHOIDAL RT  COALESC USE  COALESC UF RT	FEEDBACK CONTROL  LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGYAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WAVES  ENCE COALESCING  COALESCING AGGLOMERATION AGITATION	COD AIR USE COOK PIT RT COCK PIT RT RT COCK PIT RT RT RT COCK PIT RT	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS SPACE CAPSULES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COV-10 AIRCRAFT GAIRCRAFT LIGHT INTRATHEATER TRANSPORT IRCRAFT LIGHT INTRATHEATER TRANSPORT
CLEAR GS RT CLEARART CLEARART	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION FIREBREAKS FORESTS TREES (PLANTS)	CLOUD H UF GS RT CHOIDAL RT COALESC USE COALESC UF RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WATER DEPTH WATER WAVES WAVES EINCE COALESCING  EING COALESCENCE AGGLOMERATION AGITATION COAGULATION	COD AIR USE COOK PIT RT COCK PIT RT RT COCK PIT RT RT RT COCK PIT RT	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT - F-5 AIRCRAFT OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT
CLEAR GS RT CLEAR RT CLEAR RT CLEAR RT CLIMBIN	FUELS  FUELS  CLEAN FUELS  CLEAN FUELS  FUEL OILS  BENEFICIATION  CHEMICAL FUELS  HYDROCARBON FUELS  POLLUTION  REFINING  SYNTHETIC FUELS  AIR TURBULENCE  TURBULENCE  ATMOSPHERIC TURBULENCE  AVIATION METEOROLOGY  GUSTS  JET STREAMS (METEOROLOGY)  THERMAL INSTABILITY  TURBULENT DIFFUSION  WIND SHEAR  NCES  ADJUSTING  ALIGNMENT  ALIGNMENT  ALLOWANCES  DATUM (ELEVATION)  SPACING  TIGHTNESS  TOLERANCES (MECHANICS)  NGS (OPENINGS)  SLASHES  DEFORESTS  TREES (PLANTS)  G FLIGHT	CLOUD H UF GS  RT  CLOUD H UF GS  RT  CNOIDAL RT  COALESC USE COALESC UF RT	FEEDBACK CONTROL  LAW LAWS CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS INDICATING INSTRUMENTS CLOUD HEIGHT INDICATORS METEOROLOGICAL INSTRUMENTS CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES WATER DEPTH WATER WAVES WAYES  EINCE COALLESCENCE AGGLOMERATION AGITATION CONCENTRATING	COD AIR USE COIN AII UF COKE AI	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  SAIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT - 5-5 AIRCRAFT O-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT IRCRAFT AN-24 AIRCRAFT
CLEAR GS RT CLEARART CLEARART	FUELS  FUELS  FUELS  . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION FIREBREAKS FORESTS TREES (PLANTS)  G FLIGHT ASCENT	CLOUD H UF GS  RT  CHOIDAL RT  COALESC USE  COALESC UF RT	FEEDBACK CONTROL  LAW  LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SWAFACE WAVES WATER DEPTH WATER WAVES WAVES  EING COALESCING  COALESCING COALESCING COALESCING COALESCING COACULATION CONCENTRATING FLOCCULATING FLOCCULATING FLOCCULATING FILOCULATING	COCKPIT RT COCCPIT RT COCKPIT RT COCCPIT RT	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS SPACE CAPSULES SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT - F-5 AIRCRAFT OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT  IRCRAFT AN-24 AIRCRAFT LICHT INTRATHEATER TRANSPORT  IRCRAFT AN-24 AIRCRAFT LOW TESTS
CLEAR GS RT CLEARART CLEARART CLIMBIN GS	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION FIREBREAKS FORESTS TREES (PLANTS)  G FLIGHT ASCENT . CLIMBING FLIGHT	CLOUD H UF GS RT CHOIDAL RT COALESC USE COALESC UF RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WATER DEPTH WATER WAVES WAVES EINCE COALESCING  EING COALESCENCE AGGLOMERATION AGITATION COAGULATION COAGULATING MIXERS	COD AIR USE COCKPIT RT  COCKPI	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  INCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT F-5 AIRCRAFT OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT  IRCRAFT AN-24 AIRCRAFT LOW TESTS (EXCLUDES MECHANICAL CREEP, TESTS)
CLEAR GS RT CLEAR RT CLEAR RT CLEAR RT CLIMBIN	FUELS  FUELS  . CLEAN FUELS . FUEL OILS BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE . AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTS TREES (PLANTS)  G FLIGHT ASCENT . CLIMBING FLIGHT ASCENT TRAJECTORIES	CLOUD H UF GS  RT  CLOUD H UF GS  RT  CNOIDAL RT  COALESC USE  COALESC UF RT	FEEDBACK CONTROL  LAW LAWS CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  FIEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS INDICATING INSTRUMENTS CUOUD HEIGHT INDICATORS METEOROLOGICAL INSTRUMENTS CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAVES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES WATER DEPTH WATER WAVES WAYES WAVES  EINCE COALLESCENCE AGGLOMERATION AGITATION CONCENTRATING FLOCCULATING MIXERS SEPARATION	COCKPIT RT COCCPIT RT COCKPIT RT COCCPIT RT	SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  SAIRCRAFT COMPARTMENTS CABIN ATMOSPHERES CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  ICRAFT C-2 AIRCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT - OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT  ICRCRAFT AN-24 AIRCRAFT AN-24 AIRCRAFT  OW TESTS E(EXCLUDES MECHANICAL CREEP, TESTS) ENGINE TESTS
CLEAR GS RT  CLEAR GS RT  CLEAR RT  CLEAR RT  CLIMBIN GS RT	FUELS  FUELS  FUELS  . CLEAN FUELS  . FUEL OILS  BENEFICIATION CHEMICAL FUELS HYDROCARBON FUELS POLLUTION REFINING SYNTHETIC FUELS  AIR TURBULENCE TURBULENCE . ATMOSPHERIC TURBULENCE . ATMOSPHERIC TURBULENCE AVIATION METEOROLOGY GUSTS JET STREAMS (METEOROLOGY) THERMAL INSTABILITY TURBULENT DIFFUSION WIND SHEAR  NCES ADJUSTING ALIGNMENT ALLOWANCES DATUM (ELEVATION) SPACING TIGHTNESS TOLERANCES (MECHANICS)  NGS (OPENINGS) SLASHES DEFORESTATION FIREBREAKS FORESTS TREES (PLANTS)  G FLIGHT ASCENT . CLIMBING FLIGHT	CLOUD H UF GS  RT  CHOIDAL RT  COALESC USE  COALESC UF RT	FEEDBACK CONTROL  E LAW LAWS . CLOSURE LAW FIELD THEORY (PHYSICS) K-EPSILON TURBULENCE MODEL STATISTICAL MECHANICS TURBULENT FLOW  IEIGHT INDICATORS CEILOMETERS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS . INDICATING INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGICAL INSTRUMENTS . CLOUD HEIGHT INDICATORS CEILINGS (METEOROLOGY)  WAYES ELASTIC WAVES GRAVITY WAVES SHALLOW WATER SOLITARY WAVES SURFACE WAVES WATER DEPTH WATER WAVES WATER DEPTH WATER WAVES WAVES EINCE COALESCING  EING COALESCENCE AGGLOMERATION AGITATION COAGULATION COAGULATING MIXERS	COD AIR USE COCKPIT RT  COCKPI	T SIMULATORS SIMULATORS SIMULATORS TRAINING SIMULATORS TRAINING SIMULATORS FLIGHT SIMULATORS SPACECRAFT CABIN SIMULATORS SPACECRAFT CABIN SIMULATORS TRAINING DEVICES  TS AIRCRAFT COMPARTMENTS CABINS CANOPIES EJECTION SEATS FLYING EJECTION SEATS FLYING EJECTION SEATS FUSELAGES PRESSURIZED CABINS SPACE CAPSULES SPACE CAPSULES SPACECRAFT CABIN ATMOSPHERES SPACECRAFT CABINS WINDSHIELDS  INCRAFT LARA AIRCRAFT LIGHT ARMED RECONNAISSANCE AIRCRAFT COIN AIRCRAFT F-5 AIRCRAFT OV-10 AIRCRAFT LIGHT INTRATHEATER TRANSPORT  IRCRAFT AN-24 AIRCRAFT LOW TESTS (EXCLUDES MECHANICAL CREEP, TESTS)

#### **COLD GAS**

COLUMBIA (ORBITER)-(CONT.)

SPACE SHUTTLE MISSION 31-A

SPACE SHUTTLE MISSION 41-A

SPACE SHUTTLE MISSION 61-C

SPACE SHUTTLE MISSION 61-C COMBUSTION CHAMBERS-(CONT.)
INTERNAL COMBUSTION ENGINES
JET ENGINES COLD FLOW TESTS-(CONT.) . COLD FLOW TESTS CHECKOUT PISTONS REFRACTORIES FEED SYSTEMS PLASTIC PROPERTIES PRELAUNCH TESTS SPACE SHUTTLE MISSION 61-E SPARK PLUGS THRUST CHAMBERS PROPELLANT TESTS
PROPULSION SYSTEM PERFORMANCE SPACECRAFT COMBUSTION CHEMISTRY
GS THERMOCHEMISTRY
. COMBUSTION CHEMISTRY
RT CHEMICAL ENGINEERING
CHEMICAL REACTIONS ROCKET ENGINE DESIGN COMBUSTIBILITY STATIC TESTS FLAMMABILITY USE ~ TESTS COMBUSTIBLE FLOW COLD GAS FLUID FLOW GS GASES . COLD GAS CHEMISTRY COMBUSTIBLE FLOW
BOUNDARY LAYER COMBUSTION COMBUSTION COMBUSTION PHYSICS
COMBUSTION PRODUCTS
COMBUSTION STABILITY
EXOTHERMIC REACTIONS
FLAME TEMPERATURE ATTITUDE CONTROL COMBUSTION PHYSICS
COMBUSTION PRODUCTS
DETONATION WAVES GAS JETS JET THRUST DUMP COMBUSTORS FLAME PROPAGATION COLD WEATHER TESTS OXIDATION REACTION KINETICS ENVIRONMENTAL TESTS
COLD WEATHER TESTS FUEL FLOW TURBULENT FLOW HIGH TEMPERATURE TESTS COMBUSTION CONTROL
RT AUTOMATIC CONTROL
BURNING RATE LOW TEMPERATURE TESTS COMBUSTION UF BURNING BURNING PROCESS COMBUSTION COLLISION AVOIDANCE
UF COLLISION WARNING DEVICES COMBUSTION . AFTERBURNING GS ∞CONTROL ENGINE CONTROL FUEL CONTROL AVOIDANCE GS BOUNDARY LAYER COMBUSTION DEFLAGRATION EROSIVE BURNING COLLISION AVOIDANCE
BEACON COLLISION AVOIDANCE ∞ REACTION CONTROL
TEMPERATURE CONTROL SYSTEM FUEL COMBUSTION
. NUCLEAR FUEL BURNUP
HYDROCARBON COMBUSTION AIR NAVIGATION RT COMBUSTION EFFICIENCY AIR THAFFIC CONTROL
AIRCRAFT APPROACH SPACING
AIRCRAFT GUIDANCE
AIRCRAFT SAFETY EFFICIENCY . COMBUSTION EFFICIENCY HYPERSONIC COMBUSTION METAL COMBUSTION ACEE PROGRAM BURNING RATE PROPELLANT COMBUSTION SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION BURNING TIME AIRSPACE DUMP COMBUSTORS
EXHAUST GASES
FUEL COMBUSTION
FUEL CONSUMPTION
FUEL-AIR RATIO APPROACH CONTROL SPONTANEOUS COMBUSTION SUPERSONIC COMBUSTION AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION BACKFIRE RΤ COLLISIONS
FLIGHT PATHS
FLIGHT RULES BURNING RATE BURNING TIME POWER EFFICIENCY
PROPELLANT COMBUSTION
PROPULSION SYSTEM PERFORMANCE BURNOUT FLIGHT SAFETY MIDAIR COLLISIONS CHARRING
CHEMICAL EXPLOSIONS
COMBUSTION CHAMBERS
COMBUSTION CHEMISTRY
COMBUSTION CONTROL PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY NATIONAL AIRSPACE UTILIZATION SYSTEM RADAR COMBUSTION HEAT
USE HEAT OF COMBUSTION RADAR NAVIGATION COMBUSTION EFFICIENCY RADIO NAVIGATION THREAT EVALUATION COMBUSTION PHYSICS COMBUSTION PRODUCTS TRAFFIC CONTROL COMBUSTION INSTABILITY COMBUSTION STABILITY VISUAL FLIGHT COMBUSTION STABILITY COMBUSTION TEMPERATURE COMBUSTION VIBRATION WARNING WARNING SYSTEMS DETONATION DIFFUSION FLAMES EXOTHERMIC REACTIONS COMBUSTION PHYSICS
GS THERMODYNAMICS **COLLISION PARAMETERS** . COMBUSTION PHYSICS AEROTHERMODYNAMICS RATES (PER TIME)
. COLLISION PARAMETERS
. COLLISION RATES EXPLOSIONS EXTINGUISHING RT COMBUSTIBLE FLOW
COMBUSTION CHEMISTRY
COMBUSTION STABILITY FIRE DAMAGE ∞ ABSORPTION **FIREBREAKS** BEAM INTERACTIONS ∞ CROSS SECTIONS DAMKOHLER NUMBER FLAME PROPAGATION FIRES FLAME PROPAGATION FLAMEOUT MEAN FREE PATH NUCLEAR INTERACTIONS PARTICLE INTERACTIONS HEAT OF COMBUSTION FLAMES IGNITION FLAMMABILITY FLASHBACK ~ PHYSICS PARTICLE THEORY PLASMAS (PHYSICS) **SCATTERING** FOREST FIRES ∞ SCIENCE THERMOCHEMISTRY HEAT BALANCE HEAT GENERATION COLLISION WARNING DEVICES COLLISION AVOIDANCE WARNING SYSTEMS COMBUSTION PRODUCTS
RT AIR POLLUTION IGNITION LIMITS
INCENDIARY AMMUNITION ASHES INTERNAL COMBUSTION ENGINES **COLLOIDAL GENERATORS** COMBUSTIBLE FLOW ATOMIZING DISPERSIONS OXIDATION COMBUSTION CHEMISTRY ∞ PHYSICS DILUENTS QUENCHING (COOLING)
SPARK IGNITION
SUPERSONIC COMBUSTION RAMJET ∞ GENERATORS DUST PLASMA DIFFUSION PLASMA GENERATORS EXHAUST GASES FIBER RELEASE SPRAYERS **ENGINES** FLUE GASES VAPORIZERS FLY ASH HIGH TEMPERATURE GASES COMBUSTION CHAMBERS
UF COMBUSTORS ODORS COLUMBIA (ORBITER)
UF SPACE SHUTTLE ORBITER 102 PARTICULATES
POLLUTION TRANSPORT COMBUSTION CHAMBERS GS MANNED SPACECRAFT
. SPACE SHUTTLE ORBITERS
. COLUMBIA (ORBITER) . DUMP COMBUSTORS BURNERS PRODUCTS RT REACTION PRODUCTS ∞ CHAMBERS REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLE ORBITERS
COLUMBIA (ORBITER)
MANNED SPACE FLIGHT ROCKET EXHAUST COMBUSTION ENGINE PARTS SMOG SMOKE **ENGINES** SOOT FLAME HOLDERS VAPORS WASTES FLAMEOUT

FURNACES

COMBL	ISTION STABILITY	COMMANDS-(CONT.)	COMPARTMENTS
UF	ACOUSTIC COMBUSTION	COMMAND AND CONTROL	UF COMPARTMENTATION
	CHUGGING	COMMAND GUIDANCE	GS <b>COMPARTMENTS</b> . AIR LOCKS
	COMBUSTION INSTABILITY	COMMAND MODULES	. AIR COCKS . AIRCRAFT COMPARTMENTS
GS	DYNAMIC CHARACTERISTICS	DECISIONS	. COMMAND MODULES
	. DYNAMIC STABILITY		. PRESSURIZED CABINS
	COMBUSTION STABILITY FLAME STABILITY	COMMERCIAL AIRCRAFT	. SPACECRAFT CABINS
	STABILITY	UF COMMERCIAL AVIATION	. TEST CHAMBERS
	DYNAMIC STABILITY	GS COMMERCIAL AIRCRAFT	, , ANECHOIC CHAMBERS
	. COMBUSTION STABILITY	BOEING 707 AIRCRAFT	PRESSURE CHAMBERS
	FLAME STABILITY	. BOEING 720 AIRCRAFT	HYPERBARIC CHAMBERS
RT	AXIAL MODES	. BOEING 727 AIRCRAFT . BOEING 733 AIRCRAFT	VACUUM CHAMBERS
	BURNING RATE	. BOEING 733 AIRCRAFT	REVERBERATION CHAMBERS
	COMBUSTION CHEMISTRY	. BOEING 747 AIRCRAFT	RT BAYS (STRUCTURAL UNITS)
	FUEL COMBUSTION	BOEING 757 AIRCRAFT	∞CELLS CREW EXPERIMENT STATIONS
	MOTION STABILITY	. BOEING 767 AIRCRAFT	CREW OBSERVATION STATIONS
	PRESSURE OSCILLATIONS	. COMET 4 AIRCRAFT	CREW WORKSTATIONS
	PROPELLANT COMBUSTION	. CV-340 AIRCRAFT	ENCLOSURES
	SOLID PROPELLANT COMBUSTION THERMAL INSTABILITY	. CV-440 AIRCRAFT	MODULES
	VELOCITY COUPLING	. CV-880 AIRCRAFT	ROOMS
	VEESCHI GOOLEING	. CV-990 AIRCRAFT	SPACECRAFT MODULES
COMPI	ISTION TEMPERATURE	. DC 3 AIRCRAFT	
GS	TEMPERATURE	. DC 7 AIRCRAFT	COMPASSES
do	COMBUSTION TEMPERATURE	. DC 8 AIRCRAFT . DC 9 AIRCRAFT	GS MEASURING INSTRUMENTS
RT	EROSIVE BURNING	. DC 10 AIRCRAFT	. INDICATING INSTRUMENTS
	FLAME TEMPERATURE	. DH 121 AIRCRAFT	COMPASSES
	FLASH POINT	. ELECTRA AIRCRAFT	GYROCOMPASSES
	IGNITION TEMPERATURE	. EUROPEAN AIRBUS	MAGNETIC COMPASSES
	OPERATING TEMPERATURE	A-300 AIRCRAFT	SOLAR COMPASSES
	SPONTANEOUS COMBUSTION	A-310 AIRCRAFT	NAVIGATION AIDS
		A-320 AIRCRAFT	. NAVIGATION INSTRUMENTS
COMBU	ISTION VIBRATION	. F-28 TRANSPORT AIRCRAFT	COMPASSES GYROCOMPASSES
GS	VIBRATION	. IL-62 AIRCRAFT	MAGNETIC COMPASSES
	COMBUSTION VIBRATION	. JETSTREAM AIRCRAFT	SOLAR COMPASSES
RŤ	COMBUSTION	. L-1011 AIRCRAFT	RT AIRCRAFT INSTRUMENTS
	ELASTIC WAVES	. LEAR JET AIRCRAFT . LIGHT TRANSPORT AIRCRAFT	BEACONS
	STRUCTURAL STABILITY	, P-160 AIRCRAFT	BUOYS
		. SE-210 AIRCRAFT	FLIGHT INSTRUMENTS
	ISTION WAVES	. SUPERSONIC COMMERCIAL AIR	RADAR BEACONS
USE	FLAME PROPAGATION	TRANSPORT	RADIO DIRECTION FINDERS
		BOEING 2707 AIRCRAFT	TRANSITS
	STION WIND TUNNELS	. , TU-144 AIRCRAFT	
GS	TEST FACILITIES	. TU-104 AIRCRAFT	COMPONENT RELIABILITY
	. WIND TUNNELS COMBUSTION WIND TUNNELS	. TU-124 AIRCRAFT	GS RELIABILITY
AT	HYPERSONIC WIND TUNNELS	. TU-134 AIRCRAFT	. COMPONENT RELIABILITY
n:	HYPERVELOCITY WIND TUNNELS	. TU-154 AIRCRAFT	RT AIRCRAFT RELIABILITY
	HIPERVELOCH I WIND TOWNELS	. VC-10 AIRCRAFT	CIRCUIT RELIABILITY
COMP	STORS	RT AIR TRANSPORTATION	CUMULATIVE DAMAGE PROCESS CONTROL (INDUSTRY)
	COMBUSTION CHAMBERS	∞ AIRCRAFT AIRLINE OPERATIONS	QUALITY CONTROL (INDUSTRY)
USE	COMBOSTION CHAMBETS	CARGO AIRCRAFT	RETIREMENT FOR CAUSE
COMET	4 AIRCRAFT	CIVIL AVIATION	SPACECRAFT RELIABILITY
UF	DE HAVILLAND DH 106 AIRCRAFT	COMMUTER AIRCRAFT	STRUCTURAL RELIABILITY
Ç.	DH 106 AIRCRAFT	GENERAL AVIATION AIRCRAFT	
GS	COMMERCIAL AIRCRAFT	GROUND EFFECT MACHINES	COMPOUND HELICOPTERS
	. COMET 4 AIRCRAFT	JET AIRCRAFT	GS V/STOL AIRCRAFT
	DE HAVILLAND AIRCRAFT	PASSENGER AIRCRAFT	. ROTARY WING AIRCRAFT
	COMET 4 AIRCRAFT	ROTARY WING AIRCRAFT	HELICOPTERS
	HAWKER SIDDELEY AIRCRAFT	SUPERSONIC TRANSPORTS	COMPOUND HELICOPTERS
	. COMET 4 AIRCRAFT	TRANSPORT AIRCRAFT UTILITY AIRCRAFT	RT AERONAUTICAL ENGINEERING
	JET AIRCRAFT	V/STOL AIRCRAFT	AIR TRANSPORTATION
	. COMET 4 AIRCRAFT MONOPLANES	WATER TAKEOFF AND LANDING	∞AIRCRAFT AIRCRAFT CONFIGURATIONS
	. COMET 4 AIRCRAFT	AIRCRAFT	AIRCRAFT DESIGN
	PASSENGER AIRCRAFT		HELICOPTER DESIGN
	COMET 4 AIRCRAFT	COMMERCIAL AVIATION	SHORT TAKEOFF AIRCRAFT
RT	∞ AIRCRAFT	USE CIVIL AVIATION	VERTICAL TAKEOFF AIRCRAFT
		COMMERCIAL AIRCRAFT	
	AND GUIDANCE	OOMME TO THE THIRD THE	COMPRESSED AIR
UF	COMMAND SYSTEMS	00111101111177	GS GASES
GS	GUIDANCE (MOTION)	COMMONALITY	. GAS MIXTURES
	. COMMAND GUIDANCE ∞ COMMANDS	GS STANDARDIZATION . COMMONALITY	AIR
RT	GROUND SUPPORT EQUIPMENT	RT AIRCRAFT EQUIPMENT	COMPRESSED AIR
	INJECTION GUIDANCE	COST REDUCTION	MIXTURES . SOLUTIONS
	MIDCOURSE GUIDANCE	EFFICIENCY	GAS MIXTURES
	RENDEZVOUS GUIDANCE	EQUIPMENT SPECIFICATIONS	AIR
	RENDEZVOUS SPACECRAFT	GROUND SUPPORT SYSTEMS	COMPRESSED AIR
	SPACECRAFT GUIDANCE	SPACECRAFT COMPONENTS	RT COMPRESSORS
	TERMINAL GUIDANCE	SPECIFICATIONS	DRILLS
			ENERGY STORAGE
	AND SYSTEMS	COMMUTER AIRCRAFT	MAN OPERATED PROPULSION SYSTEMS
USE	COMMAND GUIDANCE	GS PASSENGER AIRCRAFT	OXYGEN SUPPLY EQUIPMENT
		. COMMUTER AIRCRAFT	PNEUMATIC EQUIPMENT
	ANDO AIRCRAFT	RT AIR TRANSPORTATION	∞ PUMPING
USE	C-46 AIRCRAFT	∞ AIRCRAFT	A0110000000000000000000000000000000000
		COMMERCIAL AIRCRAFT	COMPRESSED GAS
∞ COMM		GENERAL AVIATION AIRCRAFT	GS GASES . COMPRESSED GAS
SN	(USE OF A MORE SPECIFIC TERM IS		HIGH PRESSURE OXYGEN
	RECOMMENDEDCONSULT THE TERMS LISTED BELOW)	COMPARTMENTATION	RT COMPRESSORS
RT	AUTONOMY	USE COMPARTMENTS	GAS PRESSURE
,,,			

#### COMPRESSIBILITY EFFECTS

COMPRESSED GAS-(CONT.)
PNEUMATIC CONTROL

COMPRESSIBILITY EFFECTS

BUFFETING COMPRESSIBLE FLOW ∞ EFFECTS FLUTTER FLUTIER
HEAT TRANSFER
OSCILLATING FLOW
PRESSURE EFFECTS
RELAXATION (PHYSIOLOGY)
SECONDARY FLOW
SUPERSONIC FLOW

TRANSONIC FLOW

COMPRESSIBLE BOUNDARY LAYER

GS BOUNDARY LAYERS
COMPRESSIBLE BOUNDARY LAYER

RT LAMINAR BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER

TURBULENT BOUNDARY LAYER

GS FLUID FLOW

. COMPRESSIBLE FLOW .. TRANSONIC FLOW AERODYNAMICS

BT AIR FLOW CARTAN SPACE COMPRESSIBILITY

COMPRESSIBILITY EFFECTS CROCCO METHOD

CHOCCO METHOD
GAS FLOW
HUGONIOT EQUATION OF STATE
HYPERSONIC FLOW
INCOMPRESSIBLE FLOW
MAGNETOHYDRODYNAMIC FLOW

NEWTON PRESSURE LAW STAGNATION FLOW STAGNATION PRESSURE STAGNATION FRESSORE STAGNATION TEMPERATURE SUBSONIC FLOW SUPERSONIC FLOW

COMPRESSIBLE FLUIDS

RT AERODYNAMIC HEATING
CROCCO METHOD
FLUID POWER

© FLUIDS HYDROELASTICITY IDEAL FLUIDS
INCOMPRESSIBLE FLUIDS MAXWELL FLUIDS
METHOD OF CHARACTERISTICS

P WAVES

SUPERFLUIDITY

COMPRESSOR BLADES
GS TURBOMACHINE BLADES
COMPRESSOR BLADES

∞ BLADES

ЯT

CENTRIFUGAL COMPRESSORS FAN BLADES ROTATING STALLS

ROTOR BLADES (TURBOMACHINERY)
STATOR BLADES

TURBINE BLADES TURBOCOMPRESSORS VANES

COMPRESSOR EFFICIENCY

EFFICIENCY
COMPRESSOR EFFICIENCY

POWER EFFICIENCY
THERMODYNAMIC EFFICIENCY

COMPRESSOR ROTORS

ROTATING BODIES

COMPRESSOR ROTORS

CENTRIFUGAL COMPRESSORS COMPRESSORS RT

∞ FANS IMPELLERS

ROTOR BLADES (TURBOMACHINERY)

TURBINE WHEELS
TURBOCOMPRESSORS

COMPRESSORS

(EXCLUDES DATA COMPRESSORS) GS

COMPRESSORS

CENTRIFUGAL COMPRESSORS

SUPERCHARGERS

SUPERSONIC COMPRESSORS

COMPRESSORS-(CONT.)

TRANSONIC COMPRESSORS
TURBOCOMPRESSORS AIR CONDITIONING EQUIPMENT

BLOWERS COMPRESSED AIR COMPRESSED GAS COMPRESSOR ROTORS CONDENSERS (LIQUEFIERS) COOLERS

∞ FANS REFRIGERATING MACHINERY

STATORS TURBOMACHINERY VACUUM PUMPS VANELESS DIFFUSERS

COMPUTATIONAL FLUID DYNAMICS

ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. COMPUTATIONAL FLUID DYNAMICS

FLUID MECHANICS

COMPUTATIONAL FLUID DYNAMICS

RT COMPUTATION ∞ DYNAMICS

EQUATIONS OF MOTION FINITE ELEMENT METHOD FLOW DEFLECTION FLOW EQUATIONS
FLUX VECTOR SPLITTING

GRID GENERATION (MATHEMATICS)
HYDRODYNAMIC COEFFICIENTS
INTERACTIONAL AERODYNAMICS
K-EPSILON TURBULENCE MODEL
MULTIGRID METHODS

MAVIER-STOKES EQUATION
PANEL METHOD (FLUID DYNAMICS)
RELAXATION METHOD (MATHEMATICS)

SPECTRAL METHODS TURBULENCE MODELS TVD SCHEMES

COMPUTATIONAL GRIDS

UF GRIDS (MATHEMATICS)

MESH (MATHEMATICS) GS COORDINATES

COMPUTATIONAL GRIDS GRID GENERATION (MATHEMATICS) RT

~GRIDS MATHEMATICAL MODELS MULTIGRID METHODS
NUMERICAL ANALYSIS
PROBLEM SOLVING
THREE DIMENSIONAL MODELS

CONCAVITY

CONTOUR SENSORS CONTOURS CONVEXITY

**FLATNESS** SHAPES

∞ SURFACE GEOMETRY

CONCORDE AIRCRAFT

JET AIRCRAFT TURBOFAN AIRCRAFT

CONCORDE AIRCRAFT
SUD AVIATION AIRCRAFT
CONCORDE AIRCRAFT SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS CONCORDE AIRCRAFT

TRANSPORT AIRCRAFT
CONCORDE AIRCRAFT ~ AIRCRAFT

CONDENSATION TRAILS

CONTRAILS USE

CONDENSER RADIATORS
USE CONDENSERS (LIQUEFIERS)

HEAT RADIATORS

... CONDENSERS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS

LISTED BELOW) CAPACITORS

CONDENSERS (LIQUEFIERS) JET CONDENSERS PHOTOGRAPHIC RECTIFIERS

CONDENSERS (LIQUEFIERS)

UF CONDENSER RADIATORS

GS CONDENSERS (LIQUEFIERS)

. JET CONDENSERS

RT ABSORBERS (EQUIPMENT)

AIR CONDITIONING

AIR CONDITIONING EQUIPMENT

COLD TRAPS
COLUMNS (PROCESS ENGINEERING)
COMPRESSORS

CONDENSATES CONDENSERS

COOLING FINS
COOLING SYSTEMS
DISTILLATION EQUIPMENT DRYING APPARATUS EVAPORATORS

EVAPORATIONS
EXHAUST SYSTEMS
FILM CONDENSATION
HEAT EXCHANGERS
HEAT PUMPS
LIQUEFIED GASES

REFRIGERATING MACHINERY

SEPARATORS
SPACECRAFT RADIATORS

VAPORIZERS

CONDENSING
UF GAS LIQUEFACTION CONDENSING GS

. FILM CONDENSATION ASSOCIATION REACTIONS RT

CLOUD PHYSICS CONCENTRATING CONDENSATES

CONDENSATION CONDENSATION NUCLEI CONDENSERS (LIQUEFIERS)

COOLING DEHUMIDIFICATION DEW POINT DISTILLATION DROP SIZE DROPS (LIQUIDS) EVAPORATION

GAS-LIQUID INTERACTIONS GAS-METAL INTERACTIONS NUCLEATION

PHASE CHANGE MATERIALS
PHASE TRANSFORMATIONS

REFRIGERATING

∞ SATURATION ∞ SEPARATION SUBLIMATION SUPERCOOLING SUPERSATURATION

CONDOR MISSILE

GS MISSILES

AIR TO SURFACE MISSILES

CONDOR MISSILE

CONDUCTANCE

RESISTANCE

CONDUCTIVE HEAT TRANSFER UF HEAT CONDUCTION

TRANSMISSION
HEAT TRANSMISSION GS

HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
CONDUCTION RT

CONVECTIVE HEAT TRANSFER LAMINAR HEAT TRANSFER THERMAL CONDUCTIVITY THERMAL CONDUCTORS

CONES

(LIMITED TO MATERIAL OBJECTS)
CONICAL FLARE SN

FUSIFORM SHAPES GS CONES

CIRCULAR CONES

CONICAL BODIES
SLENDER CONES

. SLENDER CONES
. NOSE CONES
. ABLATIVE NOSE CONES
. ROCKET NOSE CONES
. SHATTER CONES
AERODYNAMIC CONFIGURATIONS
BODIES OF REVOLUTION RT

CONICAL SHELLS CONICS

FRUSTUMS

CONES-(	CONT.)	CONJU	GATE GRADIENT METHOD-(CONT.)	CONST	RUCTION-(CONT.)
	HALF CONES		CONJUGATE GRADIENT METHOD		WELDING
	MACH CONES SYMMETRICAL BODIES	RT	ALGORITHMS CONJUGATES		
	OTHER POSICO		GRADIENTS	CONST	TRUCTION IN SPACE ORBITAL ASSEMBLY
∞ CONFIGU			ITERATIVE SOLUTION	USE	ORBITAL ASSEMBLY
	(USE OF A MORE SPECIFIC TERM IS RECOMMENDEDCONSULT THE TERMS	COMOI	ne	∞ CONST	RUCTION MATERIALS
	LISTED BELOW)	CONO	CONICAL BODIES	SN	(USE OF A MORE SPECIFIC TERM IS
RT	AERODYNAMIC CONFIGURATIONS		55.115.12 555.155		RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
	AIRCRAFT CONFIGURATIONS		RVATION EQUATIONS	UF	BUILDING MATERIALS
	BODY-WING AND TAIL CONFIGURATIONS CANARD CONFIGURATIONS	RT	BERNOULLI THEOREM	-	STRUCTURAL MATERIALS
	CONFIGURATION MANAGEMENT		CONTINUITY EQUATION  ©EQUATIONS	RT	AGGREGATES
	LAUNCH VEHICLE CONFIGURATIONS		NONCONSERVATIVE FORCES		AIRCRAFT CONSTRUCTION MATERIALS AIRCRAFT SURVIVABILITY
	MISSILE CONFIGURATIONS PROPULSION SYSTEM CONFIGURATIONS		VORTICITY TRANSPORT HYPOTHESIS		AIRFRAME MATERIALS
	SPACECRAFT CONFIGURATIONS	CONCI	PTENOV		ARCHITECTURE
:	STAGGERING	RT	TENCY ABILITIES		BITUMENS  BOARDS (DARER)
•	TORPEDOES		ACCURACY		BOARDS (PAPER) BRICKS
CONICAL	BODIES		COMPUTER SYSTEMS PERFORMANCE		CEMENTS
	CONOIDS		EFFORT ERRORS		COMPOSITE MATERIALS
	CONES		LEVELING		CONCRETES CONSTRUCTION
	CONICAL BODIES		LINEARITY		GRAPHITE-EPOXY COMPOSITES
	. SLENDER CONES SYMMETRICAL BODIES		∞ MEASUREMENT ∞ PERFORMANCE		GROUT
	BODIES OF REVOLUTION		PRECISION		INSULATION LATHES
	CONICAL BODIES		QUALITY		MASONITE (TRADEMARK)
	SLENDER CONES AFTERBODIES		RATINGS		MASONRY
	AXISYMMETRIC BODIES		RELIABILITY TOLERANCES (MECHANICS)		∞ MATERIALS
			VALIDITY		PANELS PLASTICS
CONICAL			VARIABILITY		POLYMER MATRIX COMPOSITES
	CAMBER CONICAL CAMBER	004107			PROTECTIVE COATINGS
	VING CAMBER	USE	ANT SPEED PROPELLERS  VARIABLE PITCH PROPELLERS		REACTOR MATERIALS
		000	WATER DEEP TOTAL THOU ELLERIO		SKIN (STRUCTURAL MEMBER) SPACECRAFT CONSTRUCTION
CONICAL			TUTIVE EQUATIONS		MATERIALS
USE C	ONES	RT	ELECTRIC FIELDS		STRUCTURAL MEMBERS
CONICAL	FLOW		∞EQUATIONS MAGNETIC CHARGE DENSITY		
	LUID FLOW		MAGNETIC FIELDS	CONSUI GS	MPTION CONSUMPTION
	CONICAL FLOW		MAGNETIC FLUX	as	. ENERGY CONSUMPTION
	XISYMMETRIC FLOW IAFFLES				. FUEL CONSUMPTION
	DIFFUSERS	UF	RICTIONS RESTRICTIONS		OXYGEN CONSUMPTION
N	ULTIPHASE FLOW		∞ BARRIERS	RT	. WATER CONSUMPTION COMMERCE
	EPARATED FLOW		BLOCKING	•••	CONSUMERS
	HREE DIMENSIONAL FLOW VALL FLOW		CHOKES (RESTRICTIONS)		DEMAND (ECONOMICS)
	VEDGE FLOW		CLOSURES CONSTRAINTS		DEPLETION EXHAUSTING
			CONTRACTS		EXHAUSTING
CONICAL I			IMPEDANCE		SUPPLYING
	NNULAR NOZZLES ONICAL INLETS		PLUGGING ∞RESISTANCE		UTILIZATION
	ONVERGENT NOZZLES	•	RETARDERS (DEVICES)	CONTAN	NEDO
	ONVERGENT-DIVERGENT NOZZLES		SEALS (STOPPERS)	∞ CONTAI	(USE OF A MORE SPECIFIC TERM IS
	IVERGENT NOZZLES XHAUST DIFFUSERS		STOPPING		RECOMMENDED-CONSULT THE TERMS
	XHAUST NOZZLES	CONSTR	HOTION		LISTED BELOW)
	YPERSONIC NOZZLES	SN	(EXCLUDES TYPES OF STRUCTURES)	UF RT	RECEPTACLES (CONTAINERS) AMPOULES
	ILET NOZZLES ET NOZZLES	UF	ERECTION	,,,	AUTOCLAVES
	OZZLE GEOMETRY	RT	ARCHITECTURE		BAGS
N	OZZLE INSERTS		ASSEMBLING BRIDGES (STRUCTURES)		BARRELS (CONTAINERS) BASKETS
	OZZLE WALLS		BUILDINGS		BIOPAKS
	OZZLES LUG NOZZLES		CAISSONS		BOTTLES
R	OCKET NOZZLES		CONCRETE STRUCTURES CONSTRUCTION MATERIALS		BOXES (CONTAINERS)
	KIRTS ONIC NOZZLES		CONTRACTORS		BUNDLES CANS
	PIKE NOZZLES		CONTRACTS	۰	CAPSULES
	PRAY NOZZLES	٥	DESIGN		CARTRIDGES
	JPERSONIC NOZZLES		EXCAVATION FABRICATION		CASES (CONTAINERS) CRUCIBLES
	RANSONIC NOZZLES JRBINE EXHAUST NOZZLES		HIGHWAYS		DISPOSAL
	IND TUNNEL NOZZLES		INSPECTION		DRUMS (CONTAINERS)
			INSTALLING LAYOUTS		ENCLOSURES FUEL TANKS
CONICS	FONETRY		MAINTENANCE		GLASSWARE
	EOMETRY EUCLIDEAN GEOMETRY		MASONRY		HOPPERS
	ANALYTIC GEOMETRY		QUALITY CONTROL RECONSTRUCTION		HOUSINGS
	CONICS		RIGGING		MATERIALS HANDLING MICROMODULES
	ELLIPSES HYPERBOLAS		SHIPYARDS		PACKAGES
	. PARABOLAS		SPACE MANUFACTURING STARSITE PROGRAM		PACKAGING PRESERVING
RT CC	ONES		STEEL STRUCTURES		PRESERVING PRESSURE VESSELS
	ALF CONES		STRESS ANALYSIS		PROTECTORS
LC	OC1		STRUCTURAL ANALYSIS		REELS
CONJUGATI	E GRADIENT METHOD		STRUCTURAL DESIGN STRUCTURAL ENGINEERING		SPOOLS SPRAYERS
GS AN	NALYSIS (MATHEMATICS)		STRUCTURAL MEMBERS		SPRAYERS TANKS (CONTAINERS)
	NUMERICAL ANALYSIS		SURVEYS		TRANSPORTER
	ITERATION		TUNNELING (EXCAVATION)		TRAYS

### **CONTINUITY EQUATION**

CONTROL-(CONT.)

CONTROL RODS

CONTROL SIMULATION

CONTROL STABILITY

CONTROL STICKS CONTROL-(CONT.)
SUBMARINE INTEGRATED CONTROL CONTAINERS-(CONT.)
WING TANKS PROJECT SYSTEMS ENGINEERING TABS (CONTROL SURFACES) TEMPERATURE CONTROL CONTINUITY EQUATION

RT CONSERVATION EQUATIONS

CONTINUUM MECHANICS

CROCCO-LEE THEORY CONTROL SURFACES
CONTROL SYSTEMS DESIGN TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THRUST CONTROL
THRUST VECTOR CONTROL
TIME OPTIMAL CONTROL
TRAFFIC CONTROL
TRANSCTORY CONTROL
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSCONDER CONTROL GROW CONTROL THEORY
CONTROL UNITS (COMPUTERS)
CONTROL VALVES
CONTROLLABILITY
CONTROLLED ATMOSPHERES
CONTROLLED FUSION ∞ EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE FLUID DYNAMICS
NONCONSERVATIVE FORCES
STEADY FLOW CONTROLLERS
CRITICAL PATH METHOD TRANSPONDER CONTROL GROUP TURBOJET ENGINE CONTROL VARIABLE STREAM CONTROL ENGINES CONTINUUM FLOW CYBERNETICS
DIRECT LIFT CONTROLS
DIRECTIONAL CONTROL FLUID FLOW VISUAL CONTROL
VOICE CONTROL
WAVE INCIDENCE CONTROL
WEATHER MODIFICATION .. CONTINUUM FLOW FREE MOLECULAR FLOW DYNAMIC CHARACTERISTICS DYNAMIC CONTROL ELECTRIC CONTROL BT MOLECULAR FLOW RAREFIED GAS DYNAMICS ELECTRONIC CONTROL ELEVATORS (CONTROL SURFACES) ENGINE CONTROL SLIP FLOW CONTROL CONFIGURED VEHICLES
RT AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN CONTINUUM MECHANICS

RT BURGER EQUATION
CLASSICAL MECHANICS
CONTINUITY EQUATION
CONTINUUM MODELING
DYNAMICS ENGINE CONTROL
ENVIRONMENTAL CONTROL
FEEDBACK CONTROL
FIRE CONTROL
FIRE CONTROL CIRCUITS
FIRE CONTROL CIRCUITS ∞ CONTROL FLIGHT CONTROL TECHNOLOGY UTILIZATION ~VEHICLES FLAPS (CONTROL SURFACES)
FLIGHT CONTROL
FLOOD CONTROL FLOW THEORY FLUID MECHANICS MAXWELL BODIES CONTROL DEVICES
USE CONTROL EQUIPMENT FLUIDICS
FLY BY TUBE CONTROL
FLY BY WIRE CONTROL
FREQUENCY CONTROL
FUEL CONTROL MECHANICS (PHYSICS)
 MULTIPOLAR FIELDS CONTROL EQUIPMENT
UF CONTROL DEVICES
GS CONTROL EQUIPMENT
. CONTROL STICKS
. CRYOSTATS SOLID MECHANICS STATISTICAL MECHANICS STRESS TENSORS FUEL CONTROL
GROUND BASED CONTROL
HARMONIC CONTROL
HELICOPTER CONTROL
HYDRAULIC CONTROL
INTEGRATED MISSION CONTROL PRESSURE REGULATORS
PRESSURE SWITCHES CONTINUUM MODELING
RT CONTINUUM MECHANICS SERVOAMPLIFIERS CONTINUUMS SERVOAMPLIFIERS
SPEED REGULATORS
TELEOPERATORS
THERMOSTATS
AIRCRAFT CONTROL
AUTOMATIC CONTROL
CONTROL
EFFECTORS INTEGRATED MISSION CONTROL
CENTER
INTERACTIVE CONTROL
INVENTORY CONTROLS
JET CONTROL
LATERAL CONTROL
LINEAR QUADRATIC GAUSSIAN LARGE SPACE STRUCTURES
MATHEMATICAL MODELS STRUCTURAL ANALYSIS CONTRAILS CONDENSATION TRAILS CONTROL LINEAR QUADRATIC REGULATOR VAPOR TRAILS ELECTRIC CONTROL ELECTRONIC CONTROL FEEDBACK CONTROL RT CONDENSATES LINEAH GUDARTIC HEGGLATO
LONGITUDINAL CONTROL
MAGNETIC CONTROL
MANUAL CONTROL
MISSILE CONTROL
MODEL REFERENCE ADAPTIVE
CONTROL WAKES MANIPULATORS
MANUAL CONTROL
NONLINEAR SYSTEMS CONTRAROTATING PROPELLERS
GS PROPELLERS CONTRAROTATING PROPELLERS PROPORTIONAL CONTROL
PROPORTIONAL CONTROL
PROPORTIONAL CONTROL
PECORDING INSTRUMENTS
SPEED CONTROL PROPELLER DRIVE PROPELLER EFFICIENCY NETWORK CONTROL NUCLEAR REACTOR CONTROL NUMERICAL CONTROL TURBOPROP ENGINES OFF-ON CONTROL
OPTIMAL CONTROL
PAYLOAD CONTROL
PHASE CONTROL
PLASMA CONTROL ∞ CONTROL TRANSDUCERS USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS GS GYROSCOPES LISTED BELOW)
CONTROL SYSTEMS
CONTROLLED STABILITY CONTROL MOMENT GYROSCOPES
ATTITUDE CONTROL
ATTITUDE GYROS UF PNEUMATIC CONTROL
POINTING CONTROL SYSTEMS
POLLUTION CONTROL REGULATION
ACCESS CONTROL
ACTIVE CONTROL
ADAPTIVE CONTROL
AIR NAVIGATION POLLUTION CONTROL
PROCESS CONTROL (INDUSTRY)
PROPORTIONAL CONTROL
QUALITY CONTROL
RADAR APPROACH CONTROL ATTITUDE INDICATORS RT EQUATIONS OF MOTION GIMBALS GYRODAMPERS AIH MAYISATION
AIR TRAFFIC CONTROL
AIRCRAFT CONTROL
ALTITUDE CONTROL
APPROACH CONTROL
ASTRIONICS INDICATING INSTRUMENTS RADIO CONTROL REACTION CONTROL REGULATIONS MEASURING INSTRUMENTS NUTATION DAMPERS REGULATIONS
REGULATORS
REGULATORY MECHANISMS (BIOLOGY)
REMOTE CONTROL
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL SERVOCONTROL SERVOMECHANISMS ASTRIONICS
ATTITUDE CONTROL
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
AUTOMATIC FLIGHT CONTROL
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL CONTROL ROCKETS STEERING ROCKETS ENGINES GS TORPEDO ENGINES SCHEDULING SELF ADAPTIVE CONTROL SYSTEMS **AVIONICS** VERNIER ENGINES
CONTROL ROCKETS AVIONICS
BIOFEEDBACK
BOUNDARY LAYER CONTROL
CASCADE CONTROL
CHEMICAL REACTION CONTROL
CIRCULATION CONTROL AIRFOILS
COMBUSTION CONTROL
CONTROL SEQUENTIAL CONTROL ∞ CONTROL
RETROROCKET ENGINES
STEERING SERVOCONTROL SERVOMECHANISMS SERVOMECHANISMS
SHAPE CONTROL
SHOCK WAVE CONTROL
SISO (CONTROL SYSTEMS)
SPACECRAFT CONTROL
SPECTRAL SHIFT CONTROL
SPECTRAL SHIFT CONTROL
REACTOR
SPEED CONTROL
STABILIZATION THRUST CONTROL VARIABLE THRUST COMMAND AND CONTROL
CONTROL BOARDS
CONTROL CONFIGURED VEHICLES CONTROL SIMULATION SIMULATION . CONTROL SIMULATION CONTROL DATA (COMPUTERS)
CONTROL EQUIPMENT
CONTROL MOMENT GYROSCOPES SIMULATORS

STEERING

. CONTROL SIMULATION AIRCRAFT CONTROL

RT

CONTROL ROCKETS

## **CONVECTIVE HEAT TRANSFER**

				SOUTH THE HEAT WHAT
CON	TROL SIMULATION-(CONT.) COMPUTERIZED SIMULATION	CONTROL SYSTEMS USE CONTROL	CONT	ROLLERS-(CONT.)
	∞ CONTROL	332 33/11/32		SPEED CONTROL SPEED REGULATORS
	FLIGHT SIMULATION	CONTROL THEORY		TEMPERATURE CONTROL
	FLIGHT SIMULATORS	RT ADAPTIVE CONTROL		THERMOSTATS
	MOTION SIMULATORS	CLOSED CYCLES		VOLTAGE REGULATORS
	SPACECRAFT CONTROL	CONTROL SIMULATION		
	SPACECRAFT MANEUVERS TRAINING SIMULATORS	CONTROL SYSTEMS DESIGN	CONV	AIR MILITARY AIRCRAFT
	THAINING SIMULATORS	CONTROLLABILITY		GENERAL DYNAMICS AIRCRAFT
		DISTRIBUTED PARAMETER SYSTEMS	002	MILITARY AIRCRAFT
	TROL STABILITY	DYNAMIC CONTROL		
GS	DYNAMIC CHARACTERISTICS . DYNAMIC STABILITY	DYNAMICAL SYSTEMS	CONIV	AIR 340 AIRCRAFT
	. CONTROL STABILITY	FEEDBACK		CV-340 AIRCRAFT
	STABILITY	FEEDBACK CONTROL FEEDFORWARD CONTROL	002	OF ONE AIRCHAFT
	. DYNAMIC STABILITY	INTERACTIVE CONTROL	00111	
	CONTROL STABILITY	LINEAR QUADRATIC GAUSSIAN		AIR 440 AIRCRAFT CV-440 AIRCRAFT
RT	AIRCRAFT CONTROL	CONTROL	USE	CV-440 AIRCHAFT
	AIRCRAFT SPIN	LINEAR QUADRATIC REGULATOR		
	AIRCRAFT STABILITY	MODEL REFERENCE ADAPTIVE		AIR 880 AIRCRAFT
	∞CONTROL	CONTROL	USE	CV-880 AIRCRAFT
	CONTROLLABILITY FLIGHT CONTROL	OBSERVABILITY (SYSTEMS)		
	MOTION STABILITY	OFF-ON CONTROL		AIR 990 AIRCRAFT
	NYQUIST DIAGRAM	OPTIMAL CONTROL	USE	CV-990 AIRCRAFT
	PILOT INDUCED OSCILLATION	ROBUSTNESS (MATHEMATICS) SAMPLED DATA SYSTEMS		
	ROBUSTNESS (MATHEMATICS)	SERVOCONTROL		ECTION
	SAMPLED DATA SYSTEMS	SHAPE CONTROL	GS	CONVECTION
	SISO (CONTROL SYSTEMS)	SISO (CONTROL SYSTEMS)		FORCED CONVECTION
	SPACECRAFT MOTION	∞ THEORIES		FREE CONVECTION
	SPACECRAFT STABILITY	TRACKING PROBLEM		. RAYLEIGH-BENARD CONVECTION
	STABILITY AUGMENTATION			BENARD CELLS . MARANGONI CONVECTION
	SYSTEMS STABILITY	CONTROL VALVES	RT	ADVECTION
		GS VALVES		BASE HEATING
	ROL STICKS	CONTROL VALVES		BOUSSINESQ APPROXIMATION
GS	CONTROL EQUIPMENT . CONTROL STICKS	RT ACTUATORS		∞ CONDUCTION
RT	AIRCRAFT CONTROL	∞ CONTROL		CONVECTION CELLS
,,,	FLIGHT CONTROL	PNEUMATIC CONTROL		FLUID DYNAMICS
	MANUAL CONTROL	CONTROLLABILITY		GRASHOF NUMBER
		UF HANDLING QUALITIES		HEAT TRANSMISSION HEATING
CONTE	ROL SURFACES	RT AIRCRAFT CONTROL		METEOROLOGY
GS	CONTROL SURFACES	AIRCRAFT LANDING		MIXING HEIGHT
	. AILERONS	AIRCRAFT PERFORMANCE		MIXING LAYERS (FLUIDS)
	FLAPERONS	AIRCRAFT SPECIFICATIONS		STELLAR INTERIORS
	SPOILER SLOT AILERONS	AIRCRAFT SPIN		
	ELEVATORS (CONTROL SURFACES)	AIRCRAFT STABILITY	CONVE	CTION CELLS
	. ELEVONS . FLAPS (CONTROL SURFACES)	∞ CONTROL CONTROL STABILITY	RT	ATMOSPHERIC CIRCULATION
	. EXTERNALLY BLOWN FLAPS	CONTROL THEORY		CONVECTION
	UPPER SURFACE BLOWN FLAPS	DIRECTIONAL STABILITY		CONVECTION CURRENTS
	FLAPERONS	FLIGHT CHARACTERISTICS		CONVECTIVE FLOW
	. JET FLAPS	HELICOPTER CONTROL		CONVECTIVE HEAT TRANSFER
	SPLIT FLAPS	HELICOPTER PERFORMANCE		
	WING FLAPS	LIQUID SLOSHING		CTIVE FLOW
	LEADING EDGE FLAPS	LOW SPEED STABILITY	UF GS	THERMAL CURRENTS
	LEADING EDGE SLATS	MANEUVERABILITY QUALITY	us	FLUID FLOW . CONVECTIVE FLOW
	TRAILING EDGE FLAPS VORTEX FLAPS	SPACECRAFT RELIABILITY		. RAYLEIGH-BENARD CONVECTION
	GUIDE VANES	STABILITY		BENARD CELLS
	. JET VANES	STEERING	RT	CONVECTION CELLS
	. HORIZONTAL TAIL SURFACES	WHEEL BRAKES		FREE CONVECTION
	. RUDDERS			GAS DENSITY
	AERIAL RUDDERS	CONTROLLED STABILITY		GEOPHYSICAL FLUID FLOW CELLS
	MARINE RUDDERS	USE CONTROL		HEAT TRANSMISSION
	. SPOILERS . TABS (CONTROL SURFACES)	CONTROLLEGE		MARANGONI CONVECTION MASS FLOW RATE
RT	AERODYNAMIC BRAKES	CONTROLLERS		MASS TRANSFER
	AERODYNAMIC CONFIGURATIONS	SN (LIMITED TO DEVICES AND CONTROL THEORY)		POROUS BOUNDARY LAYER CONTROL
	AERODYNAMIC INTERFERENCE	GS CONTROLLERS		TEMPERATURE
	AERODYNAMICS	. POWER FACTOR CONTROLLERS		THERMAL DIFFUSION
	AIRCRAFT PARTS	. SERVOMECHANISMS		
	AIRCRAFT STRUCTURES	SERVOAMPLIFIERS	CONVEC	CTIVE HEAT TRANSFER
	AIRFOILS	SERVOMOTORS	GS	TRANSMISSION
	AIRFRAMES	RT ACTUATORS		. HEAT TRANSMISSION
	BLUNT TRAILING EDGES	ANALYZERS		HEAT TRANSFER
	BOUNDARY LAYER CONTROL CANARD CONFIGURATIONS	AUTOMATIC CONTROL		CONVECTIVE HEAT TRANSFER
	∞CONTROL	∞ AUTOMATION	RT	AERODYNAMIC HEATING
	DRAG DEVICES	∞CONTROL CONTROL SYSTEMS DESIGN		BOUNDARY LAYER COMBUSTION
	FINS	CRYOSTATS		BOUNDARY LAYER FLOW
	FIRES	CURRENT REGULATORS		CONDUCTIVE HEAT TRANSFER CONVECTION CELLS
	FLIGHT CONTROL	CYBERNETICS		COOLING FINS
	FREE WING AIRCRAFT	ELECTRONIC CONTROL		FORCED CONVECTION
	GUIDANCE (MOTION)	INSTRUMENT RECEIVERS		FREE CONVECTION
	NOSE FINS	INSTRUMENT TRANSMITTERS		LAMINAR HEAT TRANSFER
	STABILIZERS (FLUID DYNAMICS)  SURFACES	∞INSTRUMENTS		MASS TRANSFER
	SWEPTBACK TAIL SURFACES	LINEAR QUADRATIC REGULATOR		NUSSELT NUMBER
	T TAIL SURFACES	MEASURING INSTRUMENTS PNEUMATIC CONTROL		HADIATIVE HEAT TRANSFER
	TAIL ASSEMBLIES	PRESSURE REGULATORS		RAYLEIGH-BENARD CONVECTION
	TAIL SURFACES	PROPELLANT ACTUATED INSTRUMENTS		SURFACE COOLING
	TRAPEZOIDAL TAIL SURFACES	REGULATORS		TEMPERATURE GRADIENTS THERMOHYDRAULICS
	VANES	REMOTE CONTROL		THERMOSIPHONS
	WINGS	ROCKET-BORNE INSTRUMENTS		TURBULENT HEAT TRANSFER

#### **CONVERGENT NOZZLES**

COOLING SYSTEMS-(CONT.)
LUBRICATION SYSTEMS COOLING-(CONT.) CONVERGENT NOZZLES

RT CONICAL NOZZLES SWEAT COOLING REFRIGERANTS FLUID AMPLIFIERS NOZZLE GEOMETRY NOZZLE WALLS REFRIGERATING REFRIGERATING MACHINERY REGISTERS (AIR CIRCULATION) LIQUID COOLING FILM COOLING MAGNETIC COOLING ∞ NOZZLES SOLAR COOLING TURBINE ENGINES SOLID CRYOGENS
SPACE COOLING (BUILDINGS)
SPACECRAFT RADIATORS MAGNETIC COOLING
PLASMA COOLING
PRECOOLING
QUENCHING (COOLING)
RADIANT COOLING
REGENERATIVE COOLING TURBOJET ENGINES ∞ SYSTEMS TEMPERATURE CONTROL CONVERGENT-DIVERGENT NOZZLES DE LAVAL NOZZLES EXHAUST NOZZLES TEMPERATURE DISTRIBUTION GS SODIUM COOLING CONVERGENT-DIVERGENT NOZZLES TRANSPIRATION VENTILATION SOLAR COOLING SOLID CRYOGEN COOLING CONICAL NOZZLES NOZZLE GEOMETRY NOZZLE INSERTS RT VENTILATION FANS SPACE COOLING (BUILDINGS) VENTS SUPERCOOLING CRYOGENIC COOLING ™NOZZLES

ROCKET NOZZLES

SUPERSONIC NOZZLES

TRANSONIC NOZZLES SURFACE COOLING THERMOELECTRIC COOLING COPILOTS AIRCRAFT PILOTS USE THERMOMAGNETIC COOLING TURBINE EXHAUST NOZZLES ABLATION
ABLATIVE MATERIALS
AIR CONDITIONING CORDAGE WIND TUNNEL NOZZLES CABLES (ROPES) CERAMIC FIBERS CONNECTORS CONVERTAPLANES
USE V/STOL AIRCRAFT BATHING CONDENSING CONTRACTION **FIBERS** CONVERTIBLE FAN-SHAFT ENGINES
GS AIRCRAFT ENGINES COOLANTS ∞ FILAMENTS COOLERS STRANDS CONVERTIBLE FAN-SHAFT ENGINES COOLING FLOWS (ASTROPHYSICS) STRINGS CRYOGENICS ENGINE COOLANTS WIRE AIR BREATHING ENGINES YARNS GAS TURBINE ENGINES FILM CONDENSATION JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
CONVERTIBLE FAN-SHAFT FREEZING CORE FLOW FREON FLUID FLOW GEOTHERMAL ENERGY UTILIZATION HEAT EXCHANGERS CORE FLOW ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES FLOW GEOMETRY RT HEAT RADIATORS MAGNETOHYDRODYNAMIC FLOW HEAT SHIELDING ONE DIMENSIONAL FLOW PLASMAS (PHYSICS) HEATING HILSCH TUBES JACKETS SHEAR FLOW TURBOFAN ENGINES

CONVERTIBLE FAN-SHAFT
ENGINES LOW TEMPERATURE CORNER FLOW GS FLUID FLOW MELTING MUSHY ZONES CORNER FLOW TURBINE ENGINES GAS TURBINE ENGINES
. JET ENGINES REFRIGERATING REUSABLE HEAT SHIELDING DUCTED FLOW TURBOJET ENGINES
TURBOFAN ENGINES
CONVERTIBLE FAN-SHAFT SPACECRAFT RADIATORS
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION ∞FLOW NOZZLE FLOW ENGINES
HELICOPTER ENGINES
JET THRUST
PROPUL SION SECONDARY FLOW THERMAL CYCLING TESTS
THERMAL SHOCK
THERMAL STRESSES CORNERS RT ANGLES (GEOMETRY) PROPULSION SYSTEM CONFIGURATIONS ROTARY WINGS TF-34 ENGINE TRANSPIRATION VENTILATION **ANTENNAS** JOINTS (JUNCTIONS) VENTILATION FANS SHAPES TURBOSHAFTS
V/STOL AIRCRAFT
VARIABLE CYCLE ENGINES
VERTICAL TAKEOFF AIRCRAFT VENTING WETTING CORONA DISCHARGES ELECTRIC CORONA COOLING FINS CORPORAL MISSILE GS MISSILES CONVEXITY COOLING FINS SHAPES COOLING FINS CONDENSERS (LIQUEFIERS) CONVECTIVE HEAT TRANSFER FINNED BODIES HEAT EXCHANGERS SURFACE TO SURFACE MISSILES GS RT CONVEXITY CORPORAL MISSILE
LIQUID PROPELLANT ROCKET ENGINES RT ΩT CONTOUR SENSORS CONTOURS CORRIDORS HEAT RADIATORS RADIATIVE HEAT TRANSFER FLATNESS CORRIDORS LENTICULAR BODIES

SURFACE GEOMETRY GREAT PLAINS CORRIDOR (NORTH AMERICA) ST LOUIS-KANSAS CITY CORRIDOR COOLING SYSTEMS ABSORBERS (EQUIPMENT)
AIR CONDITIONING COOKPOT AIRCRAFT (MO) TU-124 AIRCRAFT **PASSAGÉWAYS** AIR CONDITIONING EQUIPMENT AIR COOLING COOLERS CORSAIR AIRCRAFT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR COOLING A-7 AIRCRAFT USE BLOWERS CLOSED CYCLES CONDENSERS (LIQUEFIERS) CORVUS MISSILE COMPRESSORS MISSILES GS COOLANTS COOLANTS CORVUS MISSILE COOLERS LIQUID PROPELLANT ROCKET ENGINES COOLING DEHUMIDIFICATION COOLING SYSTEMS CRYOGENIC COOLING ENGINE COOLANTS ETTINGSHAUSEN EFFECT COUETTE FLOW REFRIGERATING MACHINERY EVAPORATIVE COOLING EVAPORATORS FLUID FLOW GS STEADY FLOW REFRIGERATORS COUETTE FLOW EXHAUST SYSTEMS TWO DIMENSIONAL FLOW FREON COOLING HEAT EXCHANGERS HEAT PUMPS CHILLING HEAT DISSIPATION VISCOUS FLOW COUETTE FLOW HEAT RADIATORS HEAT DISSIPATION CHILLING ANNULAR FLOW AXISYMMETRIC FLOW RT HEAT SINKS COOLING GS INFRARED SUPPRESSION ABSORPTION COOLING HARTMANN FLOW INTAKE SYSTEMS AIR COOLING EVAPORATIVE COOLING ROTATING CYLINDERS

CRASHES-(CONT.)
. CRASH LANDING
. DITCHING (LANDING) **COUGAR AIRCRAFT** CRITICAL STRESS F-9 AIRCRAFT CRITICAL LOADING ACCIDENTS
AIR BAG RESTRAINT DEVICES
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY COUNTER-ROTATING WHEELS
UF INERTIA WHEELS CRITICAL VELOCITY

UF CRITICAL MACH NUMBER

CRITICAL REYNOLDS NUMBER

CRITICAL SPEED GS WHEELS . COUNTER-ROTATING WHEELS COUNTER ROTATION RI RATES (PER TIME)
. CRITICAL VELOCITY
VELOCITY FLYWHEELS COLLISIONS CRASHWORTHINESS ENCOUNTERS GEARS MECHANICAL DRIVES CRITICAL VELOCITY FLIGHT HAZARDS FLIGHT SAFETY REACTION WHEELS EXHAUST VELOCITY
RESONANT FREQUENCIES **RT** HIGHWAYS COUNTERFLOW FLUID FLOW MIDAIR COLLISIONS PILOT ERROR COUNTERFLOW SAFETY AXIAL FLOW CROCCO METHOD
RT AXISYMMETRIC FLOW COUNTER ROTATION HEAT EXCHANGERS HEAT TRANSFER WRECKAGE BOUNDARY LAYERS COMPRESSIBLE FLOW COMPRESSIBLE FLUIDS CRESTS TRAPPED VORTICES
TURBULENT DIFFUSION USE WAVES ENTROPY INVISCID FLOW TURBULENT FLOW CREW PROCEDURES (INFLIGHT)
GS FLIGHT OPERATIONS
. CREW PROCEDURES (INFLIGHT) ∞ METHODOLOGY SHOCK WAVE PROPAGATION STEADY FLOW PROCEDURES (INFLIGHT)
PROCEDURES (INFLIGHT)
DISPLAY DEVICES
FLIGHT CREWS
IN-FLIGHT MONITORING COURIER AIRCRAFT USE U-10 AIRCRAFT VORTICITY RT CROCCO-LEE THEORY
RT BOUNDARY LAYER SEPARATION
CONTINUITY EQUATION
GAS FLOW COURSES PATHS USE **SPACECREWS** TASKS COWELL METHOD USE NUMERICAL INTEGRATION ∞ TESTS INVISCID FLOW MASS FLOW MULTIPHASE FLOW CREW PROCEDURES (PREFLIGHT) COWLINGS REATTACHED FLOW SEPARATED FLOW GS HOUSINGS GS PROCEDURES CREW PROCEDURES (PREFLIGHT) . COWLINGS AIR INTAKES RT COUNTDOWN ∞ THEORIES DISPLAY DEVICES FLIGHT CREWS FLIGHT OPERATIONS **FAIRINGS** NACELLES **CROSS FLOW** PODS (EXTERNAL STORES) FLUID FLOW
CROSS FLOW
AERODYNAMIC CHARACTERISTICS GROUND HANDLING
GROUND TESTS
IN-FLIGHT MONITORING
ONBOARD EQUIPMENT
PREFLIGHT OPERATIONS GS PROTUBERANCES
SHELLS (STRUCTURAL FORMS) RT ∞ FLOW CRAFT FLOW CHARACTERISTICS **VEHICLES** FLOW GEOMETRY FLUID DYNAMICS SPANWISE BLOWING PRELAUNCH TESTS
SPACECRAFT CONTROL CRANK-NICHOLSON METHOD

RT BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS
FINITE DIFFERENCE THEORY SPACECREWS WATER TUNNEL TESTS TASKS ∞ TESTS © CROSS SECTIONS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS FINITE ELEMENT METHOD CRITICAL FLOW NUMERICAL ANALYSIS PROBLEM SOLVING FLUID FLOW . CRITICAL FLOW GS LISTED BELOW)
ABSORPTION CROSS SECTIONS
AIRFOIL PROFILES RI FLOW CHARACTERISTICS CRANKED WINGS GAS FLOW SWEPT WINGS USE AREA
ATOMIC COLLISIONS
COLLISION PARAMETERS
DISTRIBUTION (PROPERTY) LAMINAR FLOW LIQUID FLOW MULTIPHASE FLOW **CRASH INJURIES** GS INJURIES ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS CRASH INJURIES DRAWINGS ЯT ACCIDENTS **GEOMETRY GRADIENTS BURNS (INJURIES)** SINGLE-PHASE FLOW STEADY FLOW HAZARDS WHIPLASH INJURIES IONIZATION CROSS SECTIONS MEAN FREE PATH NEUTRON CROSS SECTIONS STEAM FLOW SUBCRITICAL FLOW SUPERCRITICAL FLOW PLANFORMS
RADAR CROSS SECTIONS
SCATTERING CROSS SECTIONS CRASH LANDING TURBULENT FLOW CRASH LANDING
DITCHING (LANDING) UNSTEADY FLOW SHAPES STOPPING POWER CRITICAL LOADING
SN (LIMITED TO FORCE LOADS)
UF CRITICAL STRESS
GS LOADS (FORCES) LANDING SURVEYS TWO DIMENSIONAL BODIES AIRCRAFT LANDING CRASH LANDING . . . DITCHING (LANDING)
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS CRITICAL LOADING CRUCIFORM WINGS AIRFOILS AIRCRAFT SAFETY AIRCRAFT SPIN CRITICAL LOADING WINGS AERODYNAMIC LOADS CRACK INITIATION RT ARRESTING GEAR CRASHWORTHINESS FLIGHT HAZARDS CRUCIFORM WINGS FIXED WINGS LOW ASPECT RATIO WINGS DYNAMIC LOADS PROPORTIONAL LIMIT SHALLOW SHELLS GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING STATIC LOADS CRUISE MISSILES MISSILES LUNAR LANDING PILOT ERROR CRITICAL MACH NUMBER
USE CRITICAL VELOCITY SURFACE TO SURFACE MISSILES . CRUISE MISSILES PLANETARY LANDING MACH NUMBER NAVAHO MISSILE SKID LANDINGS SOFT LANDING TOMAHAWK MISSILES CRITICAL REYNOLDS NUMBER
USE CRITICAL VELOCITY
REYNOLDS NUMBER ANTISHIP MISSILES SPACECRAFT LANDING WATER LANDING CRUISING FLIGHT COASTING FLIGHT CRASHES CRITICAL SPEED

CRITICAL VELOCITY

CRASHES

∞ FLIGHT

HORIZONTAL FLIGHT

# CRUSADER AIRCRAFT

CYLINDERS-(CONT.)
RT ANALYTIC GEOMETRY CURTAINS-(CONT.) CRUSADER AIRCRAFT WINDOWS (APERTURES) F-8 AIRCRAFT CIRCULAR CYLINDERS
CONCENTRIC CYLINDERS
CYLINDRICAL BODIES CURTISS C-46 AIRCRAFT USE C-46 AIRCRAFT CRYOGENIC COOLING CYLINDRICAL CHAMBERS
CYLINDRICAL SHELLS COOLING . SUPERCOOLING **CURTISS-WRIGHT AIRCRAFT** CRYOGENIC COOLING DRUMS CURTISS-WRIGHT MILITARY AIRCRAFT
CURTISS-WRIGHT AIRCRAFT DRUMS (CONTAINERS)
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
HEMISPHERE CYLINDER BODIES
MONOCOQUE STRUCTURES UF GS RT COOLERS CRYOGENICS C-46 AIRCRAFT FREEZING HEAT TRANSFER Y-19 AIRCRAFT ∞ AIRCRAFT REFRIGERATING ORTHOTROPIC CYLINDERS CURTISS-WRIGHT MILITARY AIRCRAFT
USE CURTISS-WRIGHT AIRCRAFT
MILITARY AIRCRAFT OSCILLATING CYLINDERS CRYOGENIC FLUIDS PLASMA CYLINDERS LIQUIDS CRYOGENIC FLUIDS ROTATING CYLINDERS VISCOELASTIC CYLINDERS FERMI LIQUIDS CURVED SURFACES
USE CONTOURS FLOX LIQUID HELIUM CYLINDRICAL AFTERBODIES SHAPES LIQUID HELIUM 2 AFTERBODIES SURFACES CYLINDRICAL BODIES LIQUID NITROGEN CUSHIONCRAFT GROUND EFFECT MACHINE ... LIQUID OXYGEN CRYOGENIC TEMPERATURE CYLINDRICAL BODIES

UF CYLINDRICAL AFTERBODIES

CYLINDROIDS GROUND EFFECT MACHINES
. CUSHIONCRAFT GROUND EFFECT AT CRYOGENICS MACHINE SYMMETRICAL BODIES
SPONES OF REVOLUTION
CYLINDRICAL BODIES
ROTATING CYLINDERS
AFTERBODIES
AFTERBODIES CRYOPUMPING FLUID MANAGEMENT HOVERING VERTICAL TAKEOFF AIRCRAFT ∞ FLUIDS ROCKET OXIDIZERS SOLID CRYOGEN COOLING CUSHIONS SOLIDIFIED GASES AIR CUSHION LANDING SYSTEMS AIRY FUNCTION CENTERBODIES BUMPERS COUCHES CIRCULAR CYLINDERS

©CYLINDERS

CYLINDRICAL COORDINATES CRYOGENIC GYROSCOPES GROUND EFFECT (AERODYNAMICS)
HYDRAULIC EQUIPMENT GYROSCOPES
CRYOGENIC GYROSCOPES ∞ PAD ELASTIC CYLINDERS ELLIPTICAL CYLINDERS FOREBODIES HIGH TEMPERATURE SUPERCONDUCTORS **PILLOWS** PNEUMATIC EQUIPMENT SEATS FUSELAGES HEMISPHERE CYLINDER BODIES CRYOGENIC TEMPERATURE SHOCK ABSORBERS VIBRATION ISOLATORS ULTRALOW TEMPERATURE ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS ĞS **TEMPERATURE** LOW TEMPERATURE ∞ CUT-OFF CRYOGENIC TEMPERATURE (USE OF A MORE SPECIFIC TERM IS ABSOLUTE ZERO
COLD TRAPS
CRITICAL TEMPERATURE
CRYOGENIC FLUIDS SN PLASTIC BODIES RT RECOMMENDED-CONSULT THE TERMS ROLLERS VISCOELASTIC CYLINDERS LISTED BELOW) BURNOUT RT ENGINE FAILURE CRYOGENICS CYLINDRICAL WAVES CURIE TEMPERATURE SOLIDIFIED GASES MACHINING AXISYMMETRIC FLOW ELASTIC WAVES SPACE TEMPERATURE **CUT-OUTS** ELECTROMAGNETIC RADIATION **OPENINGS** PLANE WAVES SPHERICAL WAVES CRYOGENIC WIND TUNNELS
GS TEST FACILITIES
WIND TUNNELS CV-2 AIRCRAFT
USE DHC 4 AIRCRAFT ~WAVES CRYOGENIC WIND TUNNELS **CYLINDROIDS** CV-7 AIRCRAFT ЯT FLIGHT SIMILI ATORS CYLINDRICAL BODIES DHC 5 AIRCRAFT USE TEST CHAMBERS CT-114 AIRCRAFT
USE CL-41 AIRCRAFT CV-880 AIRCRAFT CONVAIR 880 AIRCRAFT COMMERCIAL AIRCRAFT D GS . CV-880 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
. CV-880 AIRCRAFT **CUESTAS** RIDGES USE D-558 AIRCRAFT DOUGLAS D-558 AIRCRAFT JET AIRCRAFT
CV-880 AIRCRAFT
MONOPLANES UF SKYROCKET AIRCRAFT SKYSTREAK AIRCRAFT **∞ CURRENTS** (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS SN JET AIRCRAFT

D-558 AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT . CV-880 AIRCRAFT PASSENGER AIRCRAFT GS LISTED BELOW) AIR CURRENTS . CY-880 AIRCRAFT TRANSPORT AIRCRAFT . CY-880 AIRCRAFT AIR FLOW BEAM CURRENTS . DOUGLAS AIRCRAFT D-558 AIRCRAFT CIRCULATION COASTAL CURRENTS ELECTRIC CURRENT . D-558 AIRCRAFT RESEARCH AIRCRAFT CV-990 AIRCRAFT EXTERNAL SURFACE CURRENTS D-558 AIRCRAFT CONVAIR 990 AIRCRAFT
COMMERCIAL AIRCRAFT
CY-990 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT SUPERSONIC AIRCRAFT
. D-558 AIRCRAFT FLUID FLOW OCEAN CURRENTS GS WATER CURRENTS ∞ AIRCRAFT RT CV-990 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT CURRENTS (OCEANOGRAPHY) DAKOTA AIRCRAFT WATER CURRENTS C-47 AIRCRAFT USE USE ... CV-990 AIRCRAFT MONOPLANES CURTAINS DALTON LAW ∞ BARRIERS GAS COMPOSITION
GAS DYNAMICS CV-990 AIRCRAFT DIVIDERS PASSENGER AIRCRAFT DOORS GAS-GAS INTERACTIONS CV-990 AIRCRAFT ENTRANCES IDEAL GAS PARTIAL PRESSURE OPENINGS PARTITIONS VAPOR PRESSURE ∞ CYLINDERS PARTITIONS (STRUCTURES) (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS ∞ SCREENS DAMAGE

LISTED BELOW)

DAMAGE

SEPARATORS

WALLS

DAMAGE-(CONT.) . CUMULATIVE DAMAGE	DAST PROGRAM-(CONT.) GS PROGRAMS	DE HAVILLAND AIRCRAFT-(CONT.)
. EARTHQUAKE DAMAGE	. NASA PROGRAMS	. DHC 4 AIRCRAFT . DHC 5 AIRCRAFT
. FIRE DAMAGE	DAST PROGRAM	RT ∞AIRCRAFT
FLOOD DAMAGE	RT AEROELASTICITY	
. FROST DAMAGE . IMPACT DAMAGE	AIRCRAFT CONTROL	DE HAVILLAND DH 106 AIRCRAFT
. METEORITIC DAMAGE	AIRCRAFT DESIGN DRONE AIRCRAFT	USE COMET 4 AIRCRAFT
. RAIN IMPACT DAMAGE	FLIGHT TESTS	
. PROTON DAMAGE	FLUTTER	DE HAVILLAND DH 112 AIRCRAFT USE DH 112 AIRCRAFT
. RADIATION DAMAGE LASER DAMAGE	REMOTELY PILOTED VEHICLES	USC ON 112 AIRCHAPT
. STORM DAMAGE	VIBRATION DAMPING	DE HAVILLAND DH 115 AIRCRAFT
RT BURNTHROUGH (FAILURE)	DATA COLLECTION PLATFORMS	USE DH 115 AIRCRAFT
CORROSION	RT ARGOS SYSTEM	
DAMAGE ASSESSMENT DECAY	AUTOMATIC WEATHER STATIONS	DE HAVILLAND DH 121 AIRCRAFT
DECOMPOSITION	∞DATA	USE DH 121 AIRCRAFT
DEFECTS	GROUND STATIONS INSTRUMENT PACKAGES	05 144/01 44/5 51/ 455 4/5054
DEFORMATION	INTEGRATED GLOBAL OCEAN STATION	DE HAVILLAND DH 125 AIRCRAFT USE DH 125 AIRCRAFT
DEGRADATION DESTRUCTION	SYSTEMS	OGE DIT IES AIRIONALT
DETERIORATION	REMOTE SENSORS	DE HAVILLAND DHC 4 AIRCRAFT
DISCOLORATION	DATA READOUT CUCTOMO	USE DHC 4 AIRCRAFT
DISINTEGRATION	DATA READOUT SYSTEMS USE DATA SYSTEMS	
DURABILITY FATIGUE (BIOLOGY)	DISPLAY DEVICES	DE HAVILLAND DHC 5 AIRCRAFT
FATIGUE (MATERIALS)		USE DHC 5 AIRCRAFT
FRACTURES (MATERIALS)	DC 3 AIRCRAFT	DE HAVILLAND VENON ALDODAST
HOT CORROSION	UF DOUGLAS DC-3 AIRCRAFT GS COMMERCIAL AIRCRAFT	DE HAVILLAND VENOM AIRCRAFT USE DH 112 AIRCRAFT
IMMOBILIZATION	. DC 3 AIRCRAFT	SOE SITTE AMOUNT
IMPAIRMENT INJURIES	MCDONNELL DOUGLAS AIRCRAFT	DE LAVAL NOZZLES
LETHALITY	. DOUGLAS AIRCRAFT	USE CONVERGENT-DIVERGENT NOZZLES
LOSSES	. DC 3 AIRCRAFT	
RADIATION EFFECTS	MONOPLANES . DC 3 AIRCRAFT	DEAD RECKONING
SABOTAGE WARPAGE	TRANSPORT AIRCRAFT	GS NAVIGATION
WEAR	. CARGO AIRCRAFT	. <b>DEAD RECKONING</b> RT AIR NAVIGATION
WEATHERING	DC 3 AIRCRAFT	DIGITAL NAVIGATION
	RT ∞AIRCRAFT	DOPPLER NAVIGATION
DAMP PROGRAM	DC 7 AIRCRAFT	INERTIAL NAVIGATION
USE DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM	UF DOUGLAS DC-7 AIRCRAFT	POLAR NAVIGATION RADAR NAVIGATION
MEASUREMENT PROGRAM	GS COMMERCIAL AIRCRAFT	RADIO NAVIGATION
DAMPING IN PITCH	DC 7 AIRCRAFT	SURFACE NAVIGATION
USE DAMPING	MCDONNELL DOUGLAS AIRCRAFT . DOUGLAS AIRCRAFT	
PITCH (INCLINATION)	. DC 7 AIRCRAFT	DEBONAIR AIRCRAFT
BANDING III DOLL	MONOPLANES	USE C-33 AIRCRAFT
DAMPING IN ROLL USE DAMPING	. DC 7 AIRCRAFT	**************************************
ROLL	TRANSPORT AIRCRAFT	DEBUGGING USE CHECKOUT
	. CARGO AIRCRAFT DC 7 AIRCRAFT	USE CHECKOUT
DAMPING IN YAW	RT ∞AIRCRAFT	DECCA NAVIGATION
USE DAMPING	PASSENGER AIRCRAFT	GS NAVIGATION
YAW		RADIO NAVIGATION
DAMPING TESTS	DC 8 AIRCRAFT UF DOUGLAS DC-8 AIRCRAFT	HYPERBOLIC NAVIGATION
GS VIBRATION TESTS	GS COMMERCIAL AIRCRAFT	RT DISTANCE MEASURING EQUIPMENT
. DAMPING TESTS	DC 8 AIRCRAFT	LORAN LORAN
STROKING TESTS RT RESONANCE TESTING	JET AIRCRAFT	LORAN C
RT RESONANCE TESTING STABILITY TESTS	. TURBOFAN AIRCRAFT	LORAN D
∞ TESTS	<b>DC 8 AIRCRAFT</b> MCDONNELL DOUGLAS AIRCRAFT	NAVIGATION AIDS SHORAN
VIBRATION MEASUREMENT	DOUGLAS AIRCRAFT	SOLAR COMPASSES
	DC 8 AIRCRAFT	SURFACE NAVIGATION
USE TURBOPROP ENGINES USE TURBOPROP ENGINES	MONOPLANES	
OSE TURBOPHOP ENGINES	. <b>DC 8 AIRCRAFT</b> Passenger Aircraft	DECELERATION
DASH HELICOPTER	. DC 8 AIRCRAFT	UF IMPACT DECELERATION
USE QH-50 HELICOPTER	TRANSPORT AIRCRAFT	GS RATES (PER TIME) . ACCELERATION (PHYSICS)
	. DC 8 AIRCRAFT	. DECELERATION
DASSAULT AIRCRAFT	RT ∞AIRCRAFT	SPIN REDUCTION
GS DASSAULT AIRCRAFT . MIRAGE AIRCRAFT	DC 9 AIRCRAFT	RT ANGULAR ACCELERATION
. MIRAGE 3 AIRCRAFT	UF DOUGLAS DC-9 AIRCRAFT	BRAKING DAMPING
. MYSTERE 20 AIRCRAFT	GS COMMERCIAL AIRCRAFT	IMPACT
RT ∞AIRCRAFT	DC 9 AIRCRAFT	IMPACT ACCELERATION
MYSTERE 50 AIRCRAFT	JET AIRCRAFT DC 9 AIRCRAFT	LANDING LOADS
DASSAULT MIRAGE 3 AIRCRAFT	MCDONNELL DOUGLAS AIRCRAFT	PHYSIOLOGICAL ACCELERATION
USE MIRAGE 3 AIRCRAFT	DOUGLAS AIRCRAFT	RETARDING
	DC 9 AIRCRAFT	RETROFIRING
DASSAULT MYSTERE 20 AIRCRAFT	TRANSPORT AIRCRAFT . DC 9 AIRCRAFT	RETROTHRUST
USE MYSTERE 20 AIRCRAFT	RT ∞AIRCRAFT	STOPPING
		TAPERING THRUST REVERSAL
DASSAULT MYSTERE 50 AIRCRAFT USE MYSTERE 50 AIRCRAFT	DE HAVILLAND AIRCRAFT	TIMOST HEVERSAL
USE MYSTERE 50 AIRCRAFT	GS DE HAVILLAND AIRCRAFT	DECELERATORS
DAST PROGRAM	. COMET 4 AIRCRAFT . DH 112 AIRCRAFT	USE BRAKES (FOR ARRESTING MOTION)
SN (DRONES FOR AERODYNAMIC AND	DH 112 AIRCRAFT	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
STRUCTURAL TESTING)	DH 121 AIRCRAFT	DECLINATION
UF DRONES FOR AERODYNAMIC AND	DH 125 AIRCRAFT	RT MAPPING
STRUCT TEST	. DHC 2 AIRCRAFT	NAVIGATION

# DECOMPRESSION

COMB	PRESSION	DELAYED	FLAP APPROACH-(CONT.)	<b>DENSITO</b> GS	METERS MEASURING INSTRUMENTS
ISE	PRESSURE REDUCTION		NASA PROGRAMS NOISE REDUCTION		DENSITOMETERS
				RT	MICRODENSITOMETERS GAMMA RAY ABSORPTIOMETRY
E <b>COYS</b> SS	DECOYS	DELFIN A			GRAVIMETERS
33	BALLISTIC MISSILE DECOYS	USE	L-29 JET TRAINER		OPTICAL EQUIPMENT
	BLUE GOOSE MISSILE				OPTICAL MEASUREMENT
	. QUAIL MISSILE		AGGER AIRCRAFT		OPTICAL MEASURING INSTRUMENTS
	REENTRY DECOYS	USE	F-102 AIRCRAFT		PHOTOMETERS PHOTON ABSORPTIOMETRY
aT .	COUNTERMEASURES DUMMIES				TRANSMISSOMETERS
	DOMINICO		ART AIRCRAFT		
EEP W	ATER	USE	F-106 AIRCRAFT	DENSITY	(MASS/VOLUME)
35	WATER				SPECIFIC GRAVITY
	DEEP WATER	DELTA L	AUNCH VEHICLE		DENSITY (MASS/VOLUME)
₹T	OCEAN BOTTOM		LAUNCH VEHICLES		. ATMOSPHERIC DENSITY
	OCEANOGRAPHY		. DELTA LAUNCH VEHICLE ANIK SATELLITES		. GAS DENSITY . SPACE DENSITY
	OCEANS SEAS		ANIK SATELLITES		ABSORPTANCE
	SENO		ANIK 2		ABSORPTIVITY
FLAG	RATION		BEACON EXPLORER A		BULK MODULUS
SS	COMBUSTION		ESSA 1 SATELLITE		BUOYANCY
-	DEFLAGRATION		ESSA 2 SATELLITE		COMPRESSIBILITY DEGENERATE MATTER
₹T	BACKFIRE		ESSA 3 SATELLITE ESSA 4 SATELLITE		DENSIMETERS
	FIRES		ESSA 5 SATELLITE		DENSITY
	FLASHBACK		ESSA 6 SATELLITE	_	DENSITY MEASUREMENT
			ESSA 7 SATELLITE		HYDROMETERS
EFLAT	ING INFLATABLE STRUCTURES		ESSA 8 SATELLITE		INTERNAL FRICTION
,ac	PRESSURE REDUCTION		ESSA 9 SATELLITE		ISOPYCNIC PROCESSES LEWIS NUMBERS
			EXPLORER 10 SATELLITE EXPLORER 12 SATELLITE		OPACITY
FLEC	TORS		EXPLORER 12 SATELLITE		PERMEABILITY
S	DEFLECTORS		EXPLORER 15 SATELLITE	α	PHYSICAL PROPERTIES
	BLAST DEFLECTORS		EXPLORER 17 SATELLITE		POROSITY
aT.	. FLAME DEFLECTORS ATTENUATORS		EXPLORER 18 SATELLITE		PYCNOMETERS STOPPING POWER
11	BAFFLES		EXPLORER 21 SATELLITE EXPLORER 26 SATELLITE		TRANSMISSIVITY
	∞ DIFFUSERS		EXPLORER 28 SATELLITE		TRANSMITTANCE
	DIVERTERS		EXPLORER 29 SATELLITE		TRANSPARENCE
	FLOW DEFLECTION		EXPLORER 32 SATELLITE		ULTRASONIC DENSIMETERS
	GUST ALLEVIATORS		EXPLORER 33 SATELLITE		VISCOSITY
	REFLECTORS SAFETY DEVICES		EXPLORER 38 SATELLITE		VOID RATIO WEIGHT MEASUREMENT
	SHIELDING		EXPLORER 43 SATELLITE EXPLORER 49 SATELLITE		WEIGHT MEASONEMENT
	SPOILERS		EXPLORER 55 SATELLITE	DEMOITS	(NUMBER/VOLUME)
			INTERNATIONAL MAGNETOSPHERIC	GS	DENSITY (NUMBER/VOLUME)
<b>EFORI</b>	METERS		EXPLORER	40	METEOROID CONCENTRATION
GS	MEASURING INSTRUMENTS		OSO-C		PACKING DENSITY
	DEFORMETERS		OSO-1		PARTICLE DENSITY (CONCENTRA
RT	DEFORMATION DIMENSIONAL MEASUREMENT		OSO-2		ELECTRON DENSITY
	EXTENSOMETERS		OSO-4 OUTER PLANETS EXPLORERS		(CONCENTRATION) CARRIER DENSITY (SOLID STA
	MECHANICAL MEASUREMENT		PIONEER 6 SPACE PROBE		ELECTRON DENSITY PROFILES
	STRAIN GAGES		PIONEER 7 SPACE PROBE		IONOSPHERIC ELECTRON DEN
	STRESS MEASUREMENT		RCA SATCOM SATELLITES		MAGNETOSPHERIC ELECTRON
	TENSOMETERS		SPACE SHUTTLE UPPER STAGE D		DENSITY
FFDA	eting		SYNCOM 1 SATELLITE SYNCOM 2 SATELLITE		ELECTRON DISTRIBUTION ELECTRON DENSITY PROFILE
retau RT	ISTING DEICING		SYNCOM 3 SATELLITE		. ION DENSITY (CONCENTRATION
111	HEATING		TIROS 2 SATELLITE		IONOSPHERIC ION DENSITY
	ICE PREVENTION		TIROS 3 SATELLITE		MAGNETOSPHERIC ION DENS
	MELTING		TIROS 4 SATELLITE		MAGNETOSPHERIC PROTON
	REFRIGERATING		TIROS 5 SATELLITE		DENSITY
	REFRIGERATORS		TIROS 6 SATELLITE TIROS 7 SATELLITE		PROTON DENSITY
EICEI	D¢		TIROS 8 SATELLITE		(CONCENTRATION) MAGNETOSPHERIC PROTON
UF	DEICING SYSTEMS		TIROS 9 SATELLITE		DENSITY
RT	AIRFOILS		TIROS 10 SATELLITE		PLASMA DENSITY
-	ANTIICING ADDITIVES				. SPACE DENSITY
	DEICING	DELTA	WINGS	RT	ATMOSPHERIC DENSITY
	∞HEATERS	UF	TRIANGULAR WINGS		∞ DENSITY
	HEATING EQUIPMENT ICE PREVENTION	GS	AIRFOILS		JAPAT NET
	OL HELLINGT		. WINGS . LOW ASPECT RATIO WINGS	DEPLO'	YMENT GAME THEORY
DEICIN	NG		DELTA WINGS	RT	LOGISTICS
RT	AIRFOILS		SWEPT WINGS		MILITARY OPERATIONS
	ANTIICING ADDITIVES		SWEPTBACK WINGS		MILITARY TECHNOLOGY
	DEFROSTING		DELTA WINGS		∞ OPERATIONS
	DEICERS		PLANFORMS		PERSONNEL
	∞HEATERS HEATING EQUIPMENT		WING PLANFORMS		STRATEGY TACTICS
	ICE PREVENTION		SWEPTBACK WINGS DELTA WINGS		IACTICS
	MELTING	RT	ARROW WINGS	DEDPE	SSURIZATION
		ni.	AVRO 707 AIRCRAFT	USE	
DEICH	NG SYSTEMS		CARET WINGS	USE	
USE			FD 2 AIRCRAFT	DESCE	NT
			GA-5 AIRCRAFT	GS	DESCENT
	YED FLAP APPROACH		VARIABLE SWEEP WINGS		PARACHUTE DESCENT
UF	DFA APPROACH		VATOL AIRCRAFT WAVERIDERS	RT	APPROACH
GS	DELAYED FLAP APPROACH		WAVERIDERS		ASCENT FLIGHT PATHS
	FLAPS (CONTROL SURFACES)				GLIDING
HI		DENDE	RITIC DRAINAGE		
RT	FLIGHT PATHS	USE	DRAINAGE PATTERNS		REENTRY

DESCEN	r-(CONT.)	DESTRUC	non-(CONT.)	DH 106 USE	COMET 4 AIRCRAFT
DEGGEN	UNCONTROLLED REENTRY		DAMAGE DESTRUCTIVE TESTS		
	(SPACECRAFT)		FAILURE		AIRCRAFT
0500514	T PROPULSION SYSTEMS		FATIGUE (MATERIALS)	UF	DE HAVILLAND DH 112 AIRCRAFT DE HAVILLAND VENOM AIRCRAFT
GS	PROPINSION		FLIGHT HAZARDS		VENOM AIRCRAFT
u.	DESCENT PROPULSION SYSTEMS		FLIGHT SAFETY LETHALITY	GS	ATTACK AIRCRAFT
	PROPULSION SYSTEM CONFIGURATIONS DESCENT PROPULSION SYSTEMS		SPACECRAFT BREAKUP		DH 112 AIRCRAFT
RT	SPACECRAFT PROPULSION	:	STRESSES		DE HAVILLAND AIRCRAFT . DH 112 AIRCRAFT
	SYSTEMS				HAWKER SIDDELEY AIRCRAFT
		DESTRUC	TIVE TESTS DESTRUCTIVE TESTS		DH 112 AIRCRAFT
	T TRAJECTORIES		BURST TESTS		JET AIRCRAFT
GS	TRAJECTORIES DESCENT TRAJECTORIES	RT	BEND TESTS		, DH 112 AIRCRAFT MONOPLANES
	REENTRY TRAJECTORIES		COMPRESSION TESTS		DH 112 AIRCRAFT
RT	ASCENT TRAJECTORIES		CORROSION TESTS DESTRUCTION	RT	∞ AIRCRAFT
	ATMOSPHERIC ENTRY BALLISTIC TRAJECTORIES		DROP TESTS		
	COASTING FLIGHT		FATIGUE TESTS		DE HAVILLAND DH 115 AIRCRAFT
	FALLING		IMPACT TESTS	UF	VAMPIRE AIRCRAFT
	FLIGHT MECHANICS		LOAD TESTS MATERIALS TESTS	GS	ATTACK AIRCRAFT
	MANNED REENTRY MIDCOURSE TRAJECTORIES	30	NONDESTRUCTIVE TESTS		DH 115 AIRCRAFT
	MISSILE TRAJECTORIES		TENSILE TESTS		DE HAVILLAND AIRCRAFT DH 115 AIRCRAFT
	PARABOLIC FLIGHT	œ	TESTS VIBRATION TESTS		HAWKER SIDDELEY AIRCRAFT
	REENTRY REENTRY GUIDANCE		WEAR TESTS		, DH 115 AIRCRAFT
	SPACECRAFT TRAJECTORIES				JET AIRCRAFT
	TERMINAL GUIDANCE	DESYNCH	IRONIZATION (BIOLOGY)		. DH 115 AIRCRAFT MONOPLANES
		GS.	RIOLOGICAL EFFECTS		DH 115 AIRCRAFT
∞ DESIGN	(USE OF A MORE SPECIFIC TERM IS		DESYNCHRONIZATION (BIOLOGY) DISORIENTATION		TRAINING AIRCRAFT
SN	RECOMMENDED-CONSULT THE TERMS		DESYNCHRONIZATION (BIOLOGY)	7.0	. DH 115 AIRCRAFT
	LISTED BELOW)		PSYCHOLOGICAL EFFECTS	AT	& AIRONAL I
UF	TAILORING		DESYNCHRONIZATION (BIOLOGY)	DH 12	1 AIRCRAFT
AT	AERODYNAMIC CONFIGURATIONS AIRCRAFT DESIGN	RT	JET LAG PHYSIOLOGICAL RESPONSES	UF	DE HAVILLAND DH 121 AIRCRAFT
	AMPLIFIER DESIGN		RHYTHM (BIOLOGY)		TRIDENT AIRCRAFT
	ANTENNA DESIGN		·	GS	COMMERCIAL AIRCRAFT . DH 121 AIRCRAFT
	COMPUTER AIDED DESIGN	DETERM			DE HAVILLAND AIRCRAFT
	COMPUTER DESIGN COMPUTER SYSTEMS DESIGN	USE	MEASUREMENT		. DH 121 AIRCRAFT
	CONSTRUCTION				HAWKER SIDDELEY AIRCRAFT . DH 121 AIRCRAFT
	CONTROL SYSTEMS DESIGN		BLE GAS MIXTURES		JET AIRCRAFT
	DESIGN ANALYSIS DESIGN TO COST	GS	GASES . GAS MIXTURES		TURBOFAN AIRCRAFT
	DIMENSIONS		DETONABLE GAS MIXTURES		DH 121 AIRCRAFT
	DRAFTING MACHINES		MIXTURES		MONOPLANES . DH 121 AIRCRAFT
	ENGINE DESIGN		. SOLUTIONS GAS MIXTURES		PASSENGER AIRCRAFT
	ENGINEERING DRAWINGS EQUIPMENT SPECIFICATIONS		DETONABLE GAS MIXTURES		. DH 121 AIRCRAFT
	ESTIMATING	RT	CHEMICAL EXPLOSIONS		TRANSPORT AIRCRAFT
	EXPERIMENT DESIGN		FIRING (IGNITING)	RT	. DH 121 AIRCRAFT
	FACTORIAL DESIGN FUNCTIONAL DESIGN SPECIFICATIONS		FLAMMABILITY FLAMMABLE GASES	n,	& All Order
	HELICOPTER DESIGN		GAS EXPLOSIONS	DH 12	S AIRCRAFT
	IPAD		GAS-GAS INTERACTIONS	UF	DE HAVILLAND DH 125 AIRCRAF
	LAYOUTS		OXYACETYLENE		HS-125 AIRCRAFT
	LENS DESIGN LOGIC DESIGN			GS	JET DRAGON AIRCRAFT DE HAVILLAND AIRCRAFT
	MISSILE DESIGN	DETONA UF	CHAPMAN-JOUGET FLAME	65	DH 125 AIRCRAFT
	NOZZLE DESIGN	ŘŤ	CHEMICAL EXPLOSIONS		GENERAL AVIATION AIRCRAFT
	OPTIMIZATION PLANNING		COMBUSTION		DH 125 AIRCRAFT HAWKER SIDDELEY AIRCRAFT
	PLANT DESIGN	•	∞DISCHARGE EXPLOSIONS		DH 125 AIRCRAFT
	PRESSURE VESSEL DESIGN		FIRING (IGNITING)		JET AIRCRAFT
	PRODUCT DEVELOPMENT REACTOR DESIGN		FLAME PROPAGATION		DH 125 AIRCRAFT LIGHT AIRCRAFT
	RELIABILITY		INITIATION		DH 125 AIRCRAFT
	RESEARCH		PERCUSSION PRIMERS (EXPLOSIVES)		MONOPLANES
	RESEARCH AND DEVELOPMENT		PROPELLANT EXPLOSIONS		. DH 125 AIRCRAFT
	ROCKET ENGINE DESIGN SATELLITE DESIGN		ROCKET FIRING		PASSENGER AIRCRAFT DH 125 AIRCRAFT
	SPACECRAFT DESIGN		SHOCK WAVES		TRANSPORT AIRCRAFT
	STRUCTURAL DESIGN				. DH 125 AIRCRAFT
	STRUCTURAL DESIGN CRITERIA	DETON/ GS	ATION WAVES ELASTIC WAVES	RT	∞ AIRCRAFT
	∞SYNTHESIS SYSTEMS ENGINEERING	d3	. SHOCK WAVES		
			DETONATION WAVES		BEAVER AIRCRAFT  DHC 2 AIRCRAFT
	NNING	AT	COMBUSTIBLE FLOW FLAME PROPAGATION	USE	DHC Z AIRCHAFT
USE	SPIN REDUCTION		GAS EXPLOSIONS	nu^	2 AIRCRAFT
Dese	ABILIZATION		SEISMIC WAVES	UF	DHC BEAVER AIRCRAFT
DEST.	SPIN REDUCTION		SOUND WAVES	GS	DE HAVILLAND AIRCRAFT
111	TUMBLING MOTION		∞ WAVES		. DHC 2 AIRCRAFT GENERAL AVIATION AIRCRAFT
		DEW			DHC 2 AIRCRAFT
	ROYER AIRCRAFT B-66 AIRCRAFT	DEW RT	ACID RAIN		JET AIRCRAFT
USE	D-00 AIDUDAF I	•••	FROST		DHC 2 AIRCRAFT
DEST	RUCTION		PRECIPITATION (METEOROLOGY) WATER VAPOR		MONOPLANES DHC 2 AIRCRAFT
RT.	ABORTED MISSIONS		WATER VAPOR		TRANSPORT AIRCRAFT
	ACCIDENTS PREAKING	DFA			. DHC 2 AIRCRAFT
	BREAKING CRACKING (FRACTURING)	USE	DELAYED FLAP APPROACH	RT	∞ AIRCRAFT

### **DHC 4 AIRCRAFT**

DIFFERENCE EQUATIONS-(CONT.)
NONLINEAR EVOLUTION EQUATIONS DIFFERENTIAL INTERFEROMETRY
GS INTERFEROMETRY **DHC 4 AIRCRAFT** AC-1 AIRCRAFT CARIBOU AIRCRAFT CV-2 AIRCRAFT NUMERICAL STABILITY . DIFFERENTIAL INTERFEROMETRY FLOW VISUALIZATION RT DE HAVILLAND DHC 4 AIRCRAFT HOLOGRAPHY DIFFERENTIAL EQUATIONS NTIAL EQUATIONS
DIFFERENTIAL OPERATORS
INTEGRODIFFERENTIAL EQUATIONS
ANALYSIS (MATHEMATICS)
REAL VARIABLES DE HAVILLAND AIRCRAFT SCHLIEREN PHOTOGRAPHY . DHC 4 AIRCRAFT MONOPLANES DIFFERENTIAL OPERATORS
USE DIFFERENTIAL EQUATIONS
OPERATORS (MATHEMATICS) . DHC 4 AIRCRAFT
TRANSPORT AIRCRAFT DIFFERENTIAL EQUATIONS
. BLASIUS EQUATION DHC 4 AIRCRAFT UTILITY AIRCRAFT
DHC 4 AIRCRAFT
V/STOL AIRCRAFT CHANDRASEKHAR EQUATION DIFFERENTIAL PRESSURE COSINE SERIES PRESSURE DUFFING DIFFERENTIAL EQUATION DIFFERENTIAL PRESSURE SHORT TAKEOFF AIRCRAFT
. DHC 4 AIRCRAFT FALKNER-SKAN EQUATION HYPERBOLIC DIFFERENTIAL PRESSURE DISTRIBUTION PRESSURE GRADIENTS PRESSURE MEASUREMENT RT **EQUATIONS** RT ∞ AIRCRAFT LAME WAVE EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS **DHC 5 AIRCRAFT** DIFFERENTIAL THERMAL ANALYSIS
USE THERMAL ANALYSIS BIHARMONIC EQUATIONS BUFFALO AIRCRAFT CV-7 AIRCRAFT BURGER EQUATION
CAUCHY-RIEMANN EQUATIONS DE HAVILLAND DHC 5 AIRCRAFT DE HAVILLAND AIRCRAFT DIFFRACTION LIMITED CAMERAS
GS OPTICAL EQUIPMENT
. CAMERAS **ELLIPTIC DIFFERENTIAL** GS . DHC 5 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT EQUATIONS
MONGE-AMPERE EQUATION .. DIFFRACTION LIMITED CAMERAS PHOTOGRAPHIC EQUIPMENT EULER-CAUCHY EQUATIONS FOKKER-PLANCK EQUATION DHC 5 AIRCRAFT CAMERAS GAUSS EQUATION MONOPLANES ASTRONOMICAL PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SPACEBORNE TELESCOPES HELMHOLTZ VORTICITY EQUATION LIOUVILLE EQUATIONS PARABOLIC DIFFERENTIAL DHC 5 AIRCRAFT TRANSPORT AIRCRAFT
OHC 5 AIRCRAFT
UTILITY AIRCRAFT
OHC 5 AIRCRAFT
V/STOL AIRCRAFT EQUATIONS
POISSON EQUATION
VLASOV EQUATIONS DIFFRACTOMETERS MEASURING INSTRUMENTS RICCATI EQUATION
VORTICITY EQUATIONS
HELMHOLTZ VORTICITY EQUATION SHORT TAKEOFF AIRCRAFT . OPTICAL MEASURING INSTRUMENTS ... DHC 5 AIRCRAFT DIFFRACTOMETERS RT OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS RT AIRY FUNCTION ALTERNATING DIRECTION IMPLICIT DIALS .. DIFFRACTOMETERS CHEMICAL ANALYSIS DIFFRACTION METHODS
ASYMPTOTIC PROPERTIES
BACKWARD DIFFERENCING **POINTERS** AT RT DISPLAY DEVICES INDICATING INSTRUMENTS DIFFRACTION PATTERNS ETALONS BESSEL FUNCTIONS
BETHE-SALPETER EQUATION DIAMANT LAUNCH VEHICLE BOND GRAPHS
BOUNDARY LAYER EQUATIONS
BOUNDARY VALUE PROBLEMS GONIOMETERS LAUNCH VEHICLES INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
OPTICAL MEASUREMENT . DIAMANT LAUNCH VEHICLE ROCKET VEHICLES CALCULUS . MULTISTAGE ROCKET VEHICLES
.. DIAMANT LAUNCH VEHICLE
LIQUID PROPELLANT ROCKET ENGINES PHOTOGONIOMETERS SPECTROMETERS CALCULUS OF VARIATIONS CAUCHY PROBLEM RT CANK-NICHOLSON METHOD
DIFFERENCE EQUATIONS
DIFFERENTIAL ANALYZERS
DIRICHLET PROBLEM
DISTRIBUTED PARAMETER SYSTEMS WAVE FRONT RECONSTRUCTION SOLID PROPELLANT ROCKET ENGINES ∞ DIFFUSERS DIAMOND WINGS SN (USE OF A MORE SPECIFIC TERM IS LOW ASPECT RATIO WINGS RECOMMENDED-CONSULT THE TERMS DISTRIBUTED PARAMETER SYSTEMS
SEQUATIONS
FLOQUET THEOREM
FOURIER ANALYSIS
FOURIER-BESSEL TRANSFORMATIONS
FUNCTIONAL INTEGRATION
GREEN'S FUNCTIONS SWEPT WINGS LISTED BELOW) SHOCK DIFFUSERS UF AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
ATTENUATORS DIATOMIC GASES ŘΤ GASES GS MOLECULAR GASES
POLYATOMIC GASES **BAFFLES** DIATOMIC GASES BOUNDARY LAYER SEPARATION HALF PLANES HANKEL FUNCTIONS CEILINGS (ARCHITECTURE) DIESEL ENGINES HILL DETERMINANT CHOKES ENGINES CONICAL FLOW INTEGRAL EQUATIONS INTEGRALS INTERNAL COMBUSTION ENGINES
DIESEL ENGINES DEFLECTORS LAGRANGE MULTIPLIERS PISTON ENGINES **DIVERTERS** LAME FUNCTIONS
LAPLACE TRANSFORMATION . DIESEL ENGINES ENGINE INLETS EXHAUST DIFFUSERS RT LIAPUNOV FUNCTIONS LINEAR EQUATIONS HYPERSONIC INLETS millumination
inlet flow
inlet nozzles
Louvers
mixers LINEARITY DIESEL FUELS **FUELS** LIPSCHITZ CONDITION CHEMICAL FUELS MATHIEU FUNCTION MAXIMUM PRINCIPLE . HYDROCARBON FUELS
. DIESEL FUELS
. LIQUID FUELS MILNE METHOD NEUMANN PROBLEM NONLINEAR EQUATIONS MUFFLERS DIESEL FUELS ∞ NOZZLES NONLINEAR EQUATIONS
NONLINEARITY
NUMERICAL ANALYSIS
NUMERICAL INTEGRATION
NUMERICAL INTEGRATION
NUMERICAL STABILITY
OPERATIONAL CALCULUS
PFAFF EQUATION
OPERATION POROUS WALLS **PRODUCTS** PRESSURE RECOVERY SEPARATORS PETROLEUM PRODUCTS . . DIESEL FUELS AUTOMOBILE FUELS SPRAYERS RT SUPERSONIC DIFFUSERS VANELESS DIFFUSERS INTERNAL COMBUSTION ENGINES KEROSENE VENTILATORS POTENTIAL THEORY
PREDICTOR-CORRECTOR METHODS
RIEMANN WAVES DIFFUSION DIFFERENCE EQUATIONS DIFFUSION EFFECT ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS UF RIESZ THEOREM PERFUSION SCHAUDER FIXPOINT THEOREM SCHMIDT METHOD DIFFUSION . AMBIPOLAR DIFFUSION DIFFERENCE EQUATIONS GS APPROXIMATION DIFFERENCES SPECTRAL METHODS ATMOSPHERIC DIFFUSION STABILITY DERIVATIVES
STURM-LIQUVILLE THEORY DIFFERENTIAL EQUATIONS GASEOUS DIFFUSION GASEOUS SELF-DIFFUSION ∞ EQUATIONS FINITE DIFFERENCE THEORY VECTOR ANALYSIS MAGNETIC DIFFUSION

WHITTAKER FUNCTIONS

MOLECULAR DIFFUSION

LINEAR EVOLUTION EQUATIONS

# DISCHARGE COEFFICIENT

		CONT
DIFFUSION-(CONT.)	DIFFUSION LENGTH-(CONT.)	DIMENSIONLESS NUMBERS-(CONT.) PRANDTL NUMBER
PARTICLE DIFFUSION	PARTICLE DIFFUSION	RAYLEIGH NUMBER
. ELECTRON DIFFUSION	SEMICONDUCTOR DEVICES	. REYNOLDS NUMBER
IONIC DIFFUSION	SOLAR CELLS	HIGH REYNOLDS NUMBER
. PLASMA DIFFUSION		LOW REYNOLDS NUMBER
. SELF DIFFUSION (SOLID STATE)	DIFFUSION THEORY	RICHARDSON NUMBER
. SELF PROPAGATION	RT EINSTEIN EQUATIONS	SCHMIDT NUMBER
. SPECIES DIFFUSION	FOKKER-PLANCK EQUATION	. SIMILARITY NUMBERS
. SURFACE DIFFUSION	JACOBI INTEGRAL	STANTON NUMBER
. THERMAL DIFFUSION	KINETIC THEORY	STROUHAL NUMBER
. TURBULENT DIFFUSION	KIRKENDALL EFFECT	RT DIMENSIONAL ANALYSIS
RT ∞ABSORPTION	MONTE CARLO METHOD	FLUID FLOW
ADSORPTION	∞ THEORIES	HEAT TRANSFER
AIR POLLUTION	TRANSPORT THEORY	∞ NUMBERS
ATMOSPHERIC SCATTERING		SCALING LAWS
CHEMICAL ENGINEERING	DIFFUSIVITY	
CIRCULATION DEHUMIDIFICATION	RT DIFFUSION	DIOPHANTINE EQUATION
DIALYSIS	FLUID MECHANICS	GS NUMBER THEORY
∞ DIFFUSERS	IMPEDANCE	. DIOPHANTINE EQUATION
DIFFUSION LENGTH	KIRKENDALL EFFECT	RT ∞EQUATIONS
DIFFUSIVITY	MOBILITY	
DILUTION	NDM SEMICONDUCTOR DEVICES	DIRECT LIFT CONTROLS
DISPERSING	PERMEABILITY PROPERTIES	RT ∞CONTROL
∞ DISPERSION	∞ PHYSICAL PROPERTIES	LIFT DEVICES
DISSIPATION	∞ RESISTANCE	
DISSOLVING	SOLUBILITY THERMODYNAMIC PROPERTIES	∞ DIRECTION
DISTILLATION	MERMODINAMIC PROPERTIES	SN <i>(USE OF A MORE SPECIFIC TERM IS</i>
DRYING		RECOMMENDED-CONSULT THE TERMS
∞EFFECTS	DIGITAL NAVIGATION	LISTED BELOW)
EINSTEIN EQUATIONS	GS DIGITAL SYSTEMS	RT AUTONOMY
∞ EQUILIBRIUM	. DIGITAL NAVIGATION	AZIMUTH
EVAPORATION	NAVIGATION	BEARING (DIRECTION)
EXTRACTION	. DIGITAL NAVIGATION	DIRECTIVITY
FICKS EQUATION	RT AIR NAVIGATION	LINE OF SIGHT
GAS-METAL INTERACTIONS	DEAD RECKONING	MANAGEMENT
KINETIC THEORY	INERTIAL NAVIGATION	REVERSING
MIXING	POLAR NAVIGATION	
NONPOINT SOURCES	SPACE NAVIGATION	DIRECTIONAL CONTROL
OSMOSIS	SURFACE NAVIGATION	UF VECTOR CONTROL
PENETRATION		GS ATTITUDE CONTROL
PERCOLATION	DIGITAL TRANSDUCERS	DIRECTIONAL CONTROL
PERMEABILITY	GS TRANSDUCERS	. THRUST VECTOR CONTROL
PERMEATING	DIGITAL TRANSDUCERS	RT AIRCRAFT CONTROL
∞ PROPAGATION	RT INTERDIGITAL TRANSDUCERS	AUTOMATIC CONTROL
RADIAL FLOW		∞ CONTROL
REFLECTION	DIHEDRAL ANGLE	HELICOPTER CONTROL
SCATTERING	GS GEOMETRY	JET CONTROL
SELF ABSORPTION	. EUCLIDEAN GEOMETRY	LATERAL CONTROL
∞ SEPARATION	ANGLES (GEOMETRY)	LONGITUDINAL CONTROL
SOUND PROPAGATION	DIHEDRAL ANGLE	MANUAL CONTROL
SOUND WAVES	RT LATERAL STABILITY	MISSILE CONTROL
SPRAYING		∞ REACTION CONTROL
SPREADING	DIHEDRAL EFFECT	ROCKET ENGINE CONTROL
SUBLIMATION	USE LATERAL STABILITY	SATELLITE ATTITUDE CONTROL
SURFACE PROPERTIES	002	SATELLITE CONTROL
THERMOPHORESIS	DILATATIONAL WAVES	YAW
TRANSPORT PROPERTIES	GS ELASTIC WAVES	
	. DILATATIONAL WAVES	DIRECTIONAL STABILITY
DIFFUSION COEFFICIENT	RT LONGITUDINAL WAVES	GS DYNAMIC CHARACTERISTICS
GS COEFFICIENTS	P WAVES	DYNAMIC STABILITY
DIFFUSION COEFFICIENT	S WAVES	. MOTION STABILITY
SORET COEFFICIENT	SEISMIC WAVES	ATTITUDE STABILITY
TRANSPORT PROPERTIES	∞ SHEAR	DIRECTIONAL STABILITY
DIFFUSION COEFFICIENT	STRETCHING	GYROSCOPIC STABILITY
SORET COEFFICIENT	∞ WAVES	STABILITY
RT ATTENUATION COEFFICIENTS	<del>-</del> =	. DYNAMIC STABILITY
∞ EQUILIBRIUM	DILATOMETERS	MOTION STABILITY
FICKS EQUATION	USE EXTENSOMETERS	ATTITUDE STABILITY
GASEOUS DIFFUSION		DIRECTIONAL STABILITY
LEWIS NUMBERS	DILATOMETRY	GYROSCOPIC STABILITY
MASS FLOW RATE	RT EXTENSOMETERS	RT AERODYNAMIC STABILITY
MOLECULAR DIFFUSION	∞ MEASUREMENT	AIRCRAFT STABILITY
PARTICLE DIFFUSION	THERMAL EXPANSION	CONTROLLABILITY
		FLOW STABILITY
DIFFUSION EFFECT	DIMENSIONAL MEASUREMENT	HORIZONTAL ORIENTATION
USE DIFFUSION		HOVERING STABILITY
OGE BILL GOIGH	RT DEFORMETERS DISTANCE MEASURING EQUIPMENT	LATERAL OSCILLATION
	ELLIPSOMETRY	LATERAL STABILITY
DIFFUSION FLAMES	© MEASUREMENT	LONGITUDINAL STABILITY
GS FLAMES	MICROMETERS	ROTARY STABILITY
DIFFUSION FLAMES	SIZE DETERMINATION	SPACECRAFT STABILITY
RT BOUNDARY LAYER COMBUSTION	SIZE DETERMINATION	STABILITY AUGMENTATION
COMBUSTION	CHARLOCKI COD MINISCOS	VERTICAL ORIENTATION
DAMKOHLER NUMBER	DIMENSIONLESS NUMBERS	YAW
	GS RATIOS . <b>DIMENSIONLESS NUMBERS</b>	
DIFFUSION LENGTH		DIRIGIBLES
GS DIMENSIONS	BIOT NUMBER	USE AIRSHIPS
LENGTH	. , FROUDÉ NUMBER . , GRASHOF NUMBER	
. DIFFUSION LENGTH	GRASHOF NUMBEH HARTMANN NUMBER	DISCHARGE COEFFICIENT
DISTANCE		GS COEFFICIENTS
. DIFFUSION LENGTH	. LAVAL NUMBER . LEWIS NUMBERS	. FLOW COEFFICIENTS
RT CARRIER TRANSPORT (SOLID STATE)	LEWIS NUMBERS	DISCHARGE COEFFICIENT
DIFFUSION	. NUSSELT NUMBER	RT AXIAL FLOW
ELECTRON DIFFUSION	. PECLET NUMBER	FLOW VELOCITY
MINORITY CARRIERS	, . FEULET NUMBER	. = 2 = =

### **DISCONNECT DEVICES**

	COAIT	DIEDEN	SERS-(CONT.)	DISDI AV	DEVICES-(CONT.)
DISCHA	RGE COEFFICIENT-(CONT.) INFLUENCE COEFFICIENT	DISPEN	ROLLERS	DISPLAT	VISUAL AIDS
	MASS FLOW FACTORS		SPRAYERS		VISUAL CONTROL
	NOZZLE FLOW		0.10.12.10		WARNING SYSTEMS
	NOZZLE GEOMETRY				
	NOZZLE THRUST COEFFICIENTS		CEMENT MEASUREMENT	DISPLAY	SYSTEMS
	WALL FLOW	SN	(MEASUREMENT IN CHANGE OF	USE	DISPLAY DEVICES
		GS	POSITION) MECHANICAL MEASUREMENT		
DISCON	NECT DEVICES	us	DISPLACEMENT MEASUREMENT	DISSIPAT	TION
UF	DISCONNECTORS	RT	BORESIGHT ERROR	UF	DISSIPATORS
RT	CIRCUIT BREAKERS	•••		GS	DISSIPATION
	CONNECTORS				. ENERGY DISSIPATION
	DECOUPLING		Y DEVICES DATA READOUT SYSTEMS		. OHMIC DISSIPATION
	DUMPING	UF	DISPLAY SYSTEMS	RT	ATMOSPHERIC TURBULENCE
	EJECTION CONNECTORS		VISUAL DISPLAYS		ATTENUATION
	ELECTRIC CONNECTORS ELECTRIC FUSES	GS	DISPLAY DEVICES		DAMPING
	ELECTRIC POSES ELECTRIC RELAYS	40	. APPROACH INDICATORS		DECONTAMINATION
	∞RELAY		. FLOW DIRECTION INDICATORS		DEPLETION DIFFUSION
•	RELEASING		WIND VANES		DILUTION
			. GYRO HORIZONS		DISCHARGERS
DISCON	NECTORS		. HEAD-UP DISPLAYS		DISPERSING
USE	DISCONNECT DEVICES		. HELMET MOUNTED DISPLAYS		DISPOSAL
			. KINOFORM		EXHAUSTING
DISCOV	ERER RECOVERY CAPSULES		. MICROVISION LANDING AID . PLASMA DISPLAY DEVICES		POLLUTION
UF	DRC (CAPSULE)		. POSITION INDICATORS		PURIFICATION
GS	SPACE CAPSULES		. PLAN POSITION INDICATORS	o	REDUCTION
	. DISCOVERER RECOVERY CAPSULES		. RADIO DIRECTION FINDERS		REMOVAL
RT	RECOVERY PARACHUTES		SPACECRAFT POSITION INDICATORS		WASTE DISPOSAL
	SPACECRAFT RECOVERY		. RADARSCOPES		
			PLAN POSITION INDICATORS	DISSIPAT	
	ERY (ORBITER)		. SPEED INDICATORS	USE	DISSIPATION
UF GS	SPACE SHUTTLE ORBITER 103 MANNED SPACECRAFT		TACHOMETERS		_
GS	. SPACE SHUTTLE ORBITERS	₽T	AIRBORNE SURVEILLANCE RADAR	DISTANC	
	. DISCOVERY (ORBITER)		AIRCRAFT EQUIPMENT	GS	DISTANCE . DEBYE LENGTH
	REENTRY VEHICLES		AIRCRAFT INSTRUMENTS		. DIFFUSION LENGTH
	. RECOVERABLE SPACECRAFT		AUTOMATIC TYPEWRITERS		. MISS DISTANCE
	REUSABLE SPACECRAFT		BLINKING CANCELLATION CIRCUITS		. OPTICAL SLANT RANGE
	SPACE SHUTTLE ORBITERS		CATHODE RAY TUBES		. RADAR RANGE
	DISCOVERY (ORBITER)		CHARTS		. RADIO RANGE
RT	MANNED SPACE FLIGHT		COMPUTER GRAPHICS		. RANGE AND RANGE RATE TRACKING
	SPACE SHUTTLE MISSION 41-D		CONSOLES		. REENTRY RANGE
	SPACE SHUTTLE MISSION 51-A		CONTROL BOARDS	RT	AIRCRAFT PERFORMANCE
	SPACE SHUTTLE MISSION 51-C		CREW PROCEDURES (INFLIGHT)		AIRCRAFT SPECIFICATIONS
	SPACE SHUTTLE MISSION 51-D SPACE SHUTTLE MISSION 51-G		CREW PROCEDURES (PREFLIGHT)		ALTITUDE
	SPACE SHUTTLE MISSION 51-I		DATA RECORDERS		DEPTH
	∞SPACECRAFT		∞ DETECTORS		DIMENSIONS FOCUSING
	BOT NOCOTOR 1		DIALS		GEOMETRY
DISKS (	SHAPES)		ELECTROCHROMISM FLIGHT CONTROL		HEIGHT
GS	DISKS (SHAPES)		FLIGHT CONTROL FLIGHT INSTRUMENTS		LENGTH
	ACTUATOR DISKS		FLYING SPOT SCANNERS		POSITION (LOCATION)
	INTERVERTEBRAL DISKS		IMAGE RECONSTRUCTION		PROXIMITY
	. ROTATING DISKS		IMAGE TUBES		RADAR NAVIGATION
RT	ACCRETION DISKS		IMAGERY	٥	RANGE
	AERODYNAMIC CONFIGURATIONS		IMAGES		RANGE (EXTREMES)
	BODIES OF REVOLUTION		INDICATING INSTRUMENTS		TAKEOFF RUNS
	CIRCULAR PLATES		INSTRUMENT LANDING SYSTEMS	۰	TRAVEL
	∞DISKS ∞PLATES		INSTRUMENT RECEIVERS	21074416	E MEAGURING COUNTRIENT
	VIDEO DISKS		∞ INSTRUMENTS	GS	CE MEASURING EQUIPMENT MEASURING INSTRUMENTS
	FIDEO DIORO		LIGHT EMITTING DIODES	us	. DISTANCE MEASURING EQUIPMENT
DISLOC	ATIONS (MATERIALS)		MAN MACHINE SYSTEMS		ALTIMETERS
GS	DISLOCATIONS (MATERIALS)		MAN-COMPUTER INTERFACE		LASER ALTIMETERS
	. CRYSTAL DISLOCATIONS		MAP MATCHING GUIDANCE		RADIO ALTIMETERS
	EDGE DISLOCATIONS		MONITORS		GEODIMETERS
	SCREW DISLOCATIONS		NAVIGATION AIDS		RANGE FINDERS
RT	DISPLACEMENT		PERCEPTUAL ERRORS		OPTICAL RANGE FINDERS
	FLOW THEORY		PHOTOGRAPHS		LASER RANGE FINDERS
	∞ MATERIALS		PICTURE TUBES		STADIMETERS TELLUROMETERS
D100D1	FART A TIGAL		PLANETARIUMS	RT	AUTOMATIC FLIGHT CONTROL
SN	ENTATION - (EXCLUDES PHYSICAL OR		∞ PLOTS PLOTTERS	R1	AUTOMATIC LANDING CONTROL
214	MATHEMATICAL MISALIGNMENT)		PLOTTING		DECCA NAVIGATION
GS	DISORIENTATION		PRINTERS (DATA PROCESSING)		DEPTH MEASUREMENT
	. DESYNCHRONIZATION (BIOLOGY)		PROMOTION		DIMENSIONAL MEASUREMENT
	DISORDERS		RADAR		LORAC NAVIGATION SYSTEM
	. JET LAG		RADAR RESOLUTION		LORAN
RT	BIOLOGICAL EFFECTS		RAPID BALLISTICS IDENTIFICATION		LUNAR RANGEFINDING
	CORIOLIS EFFECT		RASTER SCANNING		MICROMETERS
	DETACHMENT		READING		NAVIGATION ANDS
	DITHERS		READOUT		NAVIGATION AIDS OMNIDIRECTIONAL RADIO RANGES
	IRRATIONALITY		REAL TIME OPERATION		POSITION INDICATORS
	MISALIGNMENT PSYCHOLOGICAL EFFECTS		RECEIVERS REMOTE CONSOLES		RADAR
	PSYCHOLOGICAL EFFECTS PSYCHOLOGY		∞ SCREENS		RADAR EQUIPMENT
	STAGGERING		SOLAR COMPASSES		RADAR MEASUREMENT
	WEIGHTLESSNESS		∞STRIP		RADAR NAVIGATION
			∞ SYSTEMS		RADIO NAVIGATION
DISPEN	SERS		TARGET SIMULATORS		RANGE ERRORS
RT	DISTRIBUTORS		TERCOM		SHORAN
	EJECTORS		VIDEO DATA		SOLAR COMPASSES
	FEEDERS		VIDEO EQUIPMENT		SONAR
	MATERIALS HANDLING		VIEWING		SOUND RANGING

## **DOUGLAS PD-808 AIRCRAFT**

		DITCHI	NG (LANDING)	DOPPLI	ER NAVIGATION-(CONT.)
DISTO	RTION DISTORTION	GS	CRASHES	DOFFE	RADIO NAVIGATION
GS	. FLOW DISTORTION		. CRASH ! ANDING		SATELLITE DOPPLER POSITIONING
	. SIGNAL DISTORTION		. DITCHING (LANDING)		
	. SURFACE DISTORTION		LANDING	DOPPLI	ER RADAR
RT	ABERRATION		. AIRCRAFT LANDING	GS	RADAR
	ABNORMALITIES		CRASH LANDING		. DOPPLER RADAR
	ASTIGMATISM		DITCHING (LANDING)		MULTISTATIC RADAR
	ASYMMETRY		. WATER LANDING	RT	COHERENT RADAR
	BENDING		DITCHING (LANDING)		CONTINUOUS WAVE RADAR
	BUCKLING	RT	AIRCRAFT ACCIDENTS		MONOPULSE RADAR
	CAMBER		∞DITCHING		MOVING TARGET INDICATORS
	DEFLECTION		GLIDE LANDINGS		POLYSTATION DOPPLER TRACKING
	DEFORMATION				SYSTEM PULSE RADAR
	DEVIATION DISPLACEMENT		ENT NOZZLES		RADAR DETECTION
	DISPLACEMENT EXPANSION	RT	CONICAL NOZZLES		RADAR EQUIPMENT
	FAILURE		EXHAUST NOZZLES NOZZLE GEOMETRY		RADAR NAVIGATION
	FLEXING		NOZZLE WALLS		RADAR NETWORKS
	FOLDING		∞ NOZZLES		RADAR TRACKING
	GEOMETRIC ACCURACY		ROCKET NOZZLES		SATELLITE DOPPLER POSITIONING
	GHOSTS		THRUST CHAMBERS		SURVEILLANCE RADAR
	HEAVING		WIND TUNNEL NOZZLES		
	REFRACTION			DORNIE	ER AIRCRAFT
	SKEWNESS	DO-27	AIRCRAFT	GS	DORNIER AIRCRAFT
	STRETCHING	UF	DORNIER DO-27 AIRCRAFT		. DO-27 AIRCRAFT
	SWELLING	GS	DORNIER AIRCRAFT		. DO-28 AIRCRAFT
	TEMPERATURE INVERSIONS		. DO-27 AIRCRAFT		. DO-31 AIRCRAFT
	TWISTING		GENERAL AVIATION AIRCRAFT	RT	∞ AIRCRAFT
	VARIATIONS		. DO-27 AIRCRAFT		
	WARPAGE		LIGHT AIRCRAFT		ER DO-27 AIRCRAFT
	WRINKLING		DO-27 AIRCRAFT	USE	DO-27 AIRCRAFT
			MONOPLANES		
DISTRI	BUTION (PROPERTY)		. DO-27 AIRCRAFT		ER DO-28 AIRCRAFT
UF	PATTERN DISTRIBUTION		PASSENGER AIRCRAFT	USE	DO-28 AIRCRAFT
GS	DISTRIBUTION (PROPERTY)		DO-27 AIRCRAFT		
	. ANGULAR DISTRIBUTION		UTILITY AIRCRAFT		ER DO-31 AIRCRAFT
	. BOLTZMANN DISTRIBUTION		. DO-27 AIRCRAFT	USE	DO-31 AIRCRAFT
	. BRIGHTNESS DISTRIBUTION	RT	∞ AIRCRAFT		
	. CHARGE DISTRIBUTION			DORNIE	ER PARAGLIDER ROCKET VEHICLE
	. CURRENT DISTRIBUTION		AIRCRAFT	GS	ROCKET VEHICLES
	. ELECTRON DISTRIBUTION	UF	DORNIER DO-28 AIRCRAFT		. SINGLE STAGE ROCKET VEHICLES
	ELECTRON DENSITY PROFILES	GS	DORNIER AIRCRAFT		. DORNIER PARAGLIDER ROCKET
	. ENERGY DISTRIBUTION SPECTRAL ENERGY DISTRIBUTION		. DO-28 AIRCRAFT GENERAL AVIATION AIRCRAFT		VEHICLE
	FLOW DISTRIBUTION		. DO-28 AIRCRAFT		, SOUNDING ROCKETS
	FORCE DISTRIBUTION		LIGHT AIRCRAFT		. DORNIER PARAGLIDER ROCKET
	FREQUENCY DISTRIBUTION		. DO-28 AIRCRAFT	OT	VEHICLE
	. KURTOSIS		MONOPLANES	RT	LIQUID PROPELLANT ROCKET ENGINES
	HOLE DISTRIBUTION (ELECTRONICS)		. DO-28 AIRCRAFT		
	HOLE DISTRIBUTION (MECHANICS)		PASSENGER AIRCRAFT		AS AIRCRAFT
	. INTERFERENCE LIFT		. DO-28 AIRCRAFT	UF GS	DOUGLAS MILITARY AIRCRAFT
	ON DISTRIBUTION		UTILITY AIRCRAFT	us	MCDONNELL DOUGLAS AIRCRAFT . DOUGLAS AIRCRAFT
	. LOAD DISTRIBUTION (FORCES)		. DO-28 AIRCRAFT		A-1 AIRCRAFT
	MASS DISTRIBUTION	RT	∞ AIRCRAFT		. A-3 AIRCRAFT
	. MOMENT DISTRIBUTION				A-4 AIRCRAFT
	. NEUTRON DISTRIBUTION	DO-31 A	MRCRAFT		B-66 AIRCRAFT
	. PRESSURE DISTRIBUTION	UF	DORNIER DO-31 AIRCRAFT		C-9 AIRCRAFT
	. RADIAL DISTRIBUTION	GS	DORNIER AIRCRAFT		C-47 AIRCRAFT
	. RADIATION DISTRIBUTION		. DO-31 AIRCRAFT		C-54 AIRCRAFT
	ANTENNA RADIATION PATTERNS		JET AIRCRAFT		C-118 AIRCRAFT
	SIDELOBES		. TURBOFAN AIRCRAFT		C-124 AIRCRAFT
	DIFFRACTION PATTERNS		DO-31 AIRCRAFT		C-133 AIRCRAFT
	KOSSEL PATTERN		MONOPLANES		D-558 AIRCRAFT
	RAINBOWS		. DO-31 AIRCRAFT		DC 3 AIRCRAFT
	. SPATIAL DISTRIBUTION STAR DISTRIBUTION		TRANSPORT AIRCRAFT		DC 7 AIRCRAFT
	. STRAIN DISTRIBUTION		. DO-31 AIRCRAFT		DC 8 AIRCRAFT
	. STRAIN DISTRIBUTION		V/STOL AIRCRAFT . DO-31 AIRCRAFT		DC 9 AIRCRAFT
	STRESS CONCENTRATION	RT	∞ AIRCRAFT		DC 10 AIRCRAFT
	TEMPERATURE DISTRIBUTION	111	# AIRCHAFT		PD-808 AIRCRAFT
	VELOCITY DISTRIBUTION	DOLLIE	•		X-3 AIRCRAFT
	VERTICAL DISTRIBUTION	GS	SURFACE VEHICLES	RT	∞ AIRCRAFT
	STAR DISTRIBUTION	GS	. DOLLIES	201101	40 D (C) NDOOATT
RT	CHEMICAL COMPOSITION	RT	CARRIAGES		AS D-558 AIRCRAFT
	∞ CROSS SECTIONS	***	MATERIALS HANDLING	USE	D-558 AIRCRAFT
	∞ DISTRIBUTION		SLEDS	001101	AR DO A AIRCRAFT
	DYNAMIC CHARACTERISTICS		TRUCKS	USE	AS DC-3 AIRCRAFT DC 3 AIRCRAFT
	FIELD THEORY (PHYSICS)		UNDERCARRIAGES	USE	DC 3 AINCHAFT
	GRADIENTS			2010.	AR DO 7 AIRCRAFT
	JET LIFT	DOMING	PROPELLANTS		AS DC-7 AIRCRAFT DC 7 AIRCRAFT
	LIFT	GS	PROPELLANTS	USE	DO / AINONACI
	∞ PATTERNS	<del>-</del>	. HIGH ENERGY PROPELLANTS	50110	AR DO A AIRCRAFT
	∞ PROFILES		DOMINO PROPELLANTS	USE	AS DC-8 AIRCRAFT DC 8 AIRCRAFT
	ROTOR LIFT	RT	PLASTICIZERS	ŲSE	DO 6 AINONAFI
	STATISTICAL DISTRIBUTIONS		ROCKET OXIDIZERS	201101	AR DO A AIRCDAET
	SYNTHETIC ARRAYS ZERO LIFT		SOLID ROCKET PROPELLANTS	DOUGL. USE	AS DC-9 AIRCRAFT DC 9 AIRCRAFT
	ZENO LIFT			USE	DO 8 AIRCHAFT
			ER NAVIGATION	801101	AC MILITARY AIRCRAFT
DITCHI		GS	NAVIGATION	USE	AS MILITARY AIRCRAFT DOUGLAS AIRCRAFT
SN	(USE OF A MORE SPECIFIC TERM IS		DOPPLER NAVIGATION	USE	MILITARY AIRCRAFT
	RECOMMENDED-CONSULT THE TERMS	RT	AIR NAVIGATION		
	LISTED BELOW)		ALL-WEATHER AIR NAVIGATION	24114-	AC DO SOS AUDODAPE
AT	DITCHING (LANDING)		DEAD RECKONING		AS PD-808 AIRCRAFT
	EXCAVATION		RADAR NAVIGATION	USE	PD-808 AIRCRAFT

#### **DOWNRANGE**

DRIFT-(CONT.)
DRIFT (INSTRUMENTATION)
DRIFT RATE ∞ DRAG COEFFICIENTS DOWNRANGE (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS BALLISTIC RANGES BALLISTIC TRAJECTORIES FLIGHT TESTS FLIGHT PATHS IONOSPHERIC DRIFT STABILITY LISTED BELOW) RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC DRAG IMPACT PREDICTION MISSILE RANGES RECOVERY ZONES TEST RANGES HYDRODYNAMIC COEFFICIENTS DRIFT (INSTRUMENTATION) TOUCHDOWN INSTRUMENT DRIFT ACCURACY UF RT TRAJECTORIES DRAG DEVICES DRAGULATORS CIRCUIT RELIABILITY DOWNRANGE ANTIMISSILE MEASUREMENT DRAG DEVICES
. AERODYNAMIC BRAKES ∞DRIFT DRIFT RATE PROGRAM DAMP PROGRAM BALLUTES DRAG CHUTES DYNAMIC STABILITY GS PROGRAMS
DOWNRANGE ANTIMISSILE FRRORS PARAVULCOONS INSTRUMENT ERRORS MEASUREMENT PROGRAM

MEASUREMENT SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS STATIC STABILITY TOLERANCES (MECHANICS) RT DOWNRANGE MEASUREMENT DRIFT RATE ∞ MEASUREMENT VORTEX FLAPS RATES (PER TIME) TEST RANGES ... VORTEX FLAPS
. SPOILERS
ABORT APPARATUS
AIRCRAFT BRAKES
BOUNDARY LAYER CONTROL
BRAKES (FOR ARRESTING MOTION)
CONTROL SURFACES
FLAPS (CONTROL SURFACES) DRIFT RATE RT ∞ DRIFT DOWNWASH DRIFT (INSTRUMENTATION) MOBILITY GROUND EFFECT (AERODYNAMICS) ORBIT PERTURBATION ORBITAL MECHANICS HELICOPTER WAKES LIFT AUGMENTATION LIFT DEVICES ROTATING PLASMAS PERIPHERAL JET FLOW SKIN FRICTION STABILITY LIPWASH TRAJECTORY CONTROL WAKES VORTEX ALLEVIATION DRAG EFFECT DROGUE PARACHUTES
USE DRAG CHUTES ∞ DRAFT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS DRAG SN DRAG FORCE ANEMOMETERS LISTED BELOW)
BOUNDARY LAYERS DROGUES MEASURING INSTRUMENTS
ANEMOMETERS RT TOWED BODIES USE DOWNWASH . DRAG FORCE ANEMOMETERS DRAFT (GAS FLOW)
DRAFTING (DRAWING) DRONE AIRCRAFT
UF DRONE HELICOPTERS
GS DRONE VEHICLES
. DRONE AIRCRAFT FLOW MEASUREMENT RT UPWASH VELOCITY MEASUREMENT WAKES TARGET DRONE AIRCRAFT
. FIREBEE 2 TARGET DRONE
AIRCRAFT DRAFT (GAS FLOW) DRAG MEASUREMENT MECHANICAL MEASUREMENT
. DRAG MEASUREMENT ∞ DRAFT GS AIRCRAFT

JINDIVIK TARGET AIRCRAFT

PILOTLESS AIRCRAFT

DRONE AIRCRAFT

TARGET DRONE AIRCRAFT

FIREBEE 2 TARGET DRONE
AIRCRAFT

JINDIVIK TARGET AIRCRAFT FLUES AERODYNAMIC DRAG VENTILATION DRAG ELECTROSTATIC DRAG DRAG FLOW MEASUREMENT ... MEASUREMENT DRAG EFFECT GS DYNAMIC CHARACTERISTICS MEASURING INSTRUMENTS DRAG ELECTROSTATIC DRAG MAIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
DAST PROGRAM
LIGHT AIRCRAFT FRICTION DRAG
. AERODYNAMIC DRAG DRAG REDUCTION
RT AERODYNAMIC DRAG
FLUID FLOW SUPERSONIC DRAG . VISCOUS DRAG FRICTION LIFT DRAG RATIO ∞ MILITARY AIRCRAFT OBLIQUE WINGS PRESSURE DRAG ∞ REDUCTION REMOTELY PILOTED VEHICLES SUPERSONIC DRAG WAVE DRAG RIBLETS RESEARCH AIRCRAFT V/STOL AIRCRAFT WINGLETS INTERFERENCE DRAG
SATELLITE DRAG
AERODYNAMIC CONFIGURATIONS DRAGULATORS DRONE HELICOPTERS
USE DRONE AIRCRAFT USE BRAKES (FOR ARRESTING MOTION) AERODYNAMICS BOUNDARY LAYERS DRAG DEVICES HELICOPTERS ∞ DRAG COEFFICIENTS DRAINAGE PATTERNS
UF DENDRITIC DRAINAGE
INTERLACING DRAINAGE DRAG MEASUREMENT FRICTION DRONE VEHICLES DRONE VEHICLES

. DRONE AIRCRAFT

. TARGET DRONE AIRCRAFT GS GRAVITATION RADIAL DRAINAGE PATTERNS RECTANGULAR DRAINAGE GROUND EFFECT (AERODYNAMICS) LIFT FIREBEE 2 TARGET DRONE
AIRCRAFT
JINDIVIK TARGET AIRCRAFT HECTANGULAR DRAINA ARROYOS DIVIDES (LANDFORMS) FLOOD DAMAGE HYDROLOGY IRRIGATION SKIN FRICTION WAKES ∞ MILITARY AIRCRAFT
PILOTLESS AIRCRAFT
SANDPIPER TARGET MISSILE DRAG BALANCE AERODYNAMIC BALANCE LIFT DRAG RATIO MISSISSIPPI RIVER (US) ∞ VEHICLES ∞ PATTERNS
PRECIPITATION (METEOROLOGY) ∞ WINGED VEHICLES DRAG CHUTES TRIBUTARIES DROGUE PARACHUTES
BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES LIF WATER EROSION WATER FLOW DRONES FOR AERODYNAMIC AND STRUCT TEST USE DAST PROGRAM GS WATERSHEDS DRAG CHUTES
DRAG DEVICES DROOPED AIRFOILS DRC (CAPSULE) AERODYNAMIC CONFIGURATIONS . AERODYNAMIC BRAKES GS . DROOPED AIRFOILS
AIRCRAFT CONFIGURATIONS
. DROOPED AIRFOILS DISCOVERER RECOVERY CAPSULES PARACHUTES . DRAG CHUTES AIRCRAFT BRAKES DRIFT AIRFOILS (USE OF A MORE SPECIFIC TERM IS SN RT . DROOPED AIRFOILS
BODY-WING CONFIGURATIONS **AIRDROPS** RECOMMENDED-CONSULT THE TERMS

LISTED BELOW)
DEVIATION

DIVERGENCE

RT

RT

WING ROOTS

WINGS

BALLUTES RIBBON PARACHUTES

TOWED BODIES

## **DYNAMIC STABILITY**

∞ DHOP		DUÇT	ED BODIES-(CONT.)	DYNA-S	OAR SPACE GLIDER
SN	(USE OF A MORE SPECIFIC TERM IS		DUCTS	USE	X-20 AIRCRAFT
	RECOMMENDEDCONSULT THE TERMS		INTAKE SYSTEMS		
	LISTED BELOW)		NACELLES		
RT	DROPS (LIQUIDS)		NOSE INLETS		IC MODELS
	GRADIENTS			GS	MODELS
	GRADIENTS		SHROUDS		. DYNAMIC MODELS
			SLENDER BODIES	AT	AIRCRAFT MODELS
DROP	SIZE		TWO DIMENSIONAL BODIES	***	
RT	CLOUD PHYSICS				BIOLOGICAL MODELS (MATHEMATICS)
	CLOUDS (METEOROLOGY)				BOND GRAPHS
	CONDENSATES		ED FAN ENGINES		∞ DYNAMICS
		GS	ENGINES		MATHEMATICAL MODELS
	CONDENSING		. AIR BREATHING ENGINES		OCEAN MODELS
	FOG		. GAS TURBINE ENGINES		
	HUMIDITY				PETRI NETS
	HYDROGEN CLOUDS		JET ENGINES		POWERED MODELS
			TURBOJET ENGINES		SIMILARITY THEOREM
	NUCLEATION		DUCTED FAN ENGINES		SPACECRAFT MODELS
	PARTICLE DIFFUSION		. INTERNAL COMBUSTION ENGINES		STATIC MODELS
	PARTICLE SIZE DISTRIBUTION		GAS TURBINE ENGINES		
	∞ PRECIPITATION				SYSTEMS SIMULATION
	PRECIPITATION PARTICLE		JET ENGINES		WIND TUNNEL MODELS
			TURBOJET ENGINES		
	MEASUREMENT		DUCTED FAN ENGINES		<b></b>
	RAINDROPS		TURBINE ENGINES		C PRESSURE
	SIZE DISTRIBUTION			GS	DYNAMIC CHARACTERISTICS
			GAS TURBINE ENGINES		DYNAMIC PRESSURE
			JET ENGINES		PRESSURE
	TESTS		TURBOJET ENGINES		
UF	DROP WEIGHT TESTS		DUCTED FAN ENGINES		DYNAMIC PRESSURE
AT	CHARPY IMPACT TEST	RT	TURBOFAN ENGINES	RT	BLAST LOADS
	DESTRUCTIVE TESTS	111	TOUBOLVIA ENGINES		CONTACT LOADS
					DYNAMICS
	IMPACT TESTING MACHINES	DUCTE	ED FANS	•	IMPACT LOADS
	IMPACT TESTS	RT	BLOWERS		
	NOTCH TESTS	rt i			KINETIC THEORY
	SHOCK TESTS		FAN BLADES		OVERPRESSURE
	∞ TESTS		∞ FANS		RIEMANN WAVES
	@ IL313		LIFT FANS		· · · · · · · · · · · · · · · · · · ·
			PROPELLER FANS		
DROP	TRANSFER		RING WINGS	DYNAMIC	CRESPONSE
GS	TRANSFERRING			GS	RESPONSES
	. DROP TRANSFER		SHROUDED PROPELLERS		DYNAMIC RESPONSE
			TURBOFANS		
RT	ARC MELTING		VENTILATION FANS	5.7	TRANSIENT RESPONSE
	MELTING			RT	AMPLIFICATION
	PLASMA JETS				DAMPING
	REFINING	DUCTE	D FLOW	at	DYNAMICS
	TIES ITALY CO	GS	FLUID FLOW		FIBER ORIENTATION
			DUCTED FLOW		FREQUENCY RESPONSE
	WEIGHT TESTS		KNUDSEN FLOW		
USE	DROP TESTS	DT			IMPEDANCE
	· · · · · · · · · · · · · · · · · · ·	RT	AIR FLOW		MODAL RESPONSE
2222	// Interes		CHANNEL FLOW		PARAMETER IDENTIFICATION
	(LIQUIDS)		CORNER FLOW		RAMP FUNCTIONS
UF	LIQUID DROPS		DUMP COMBUSTORS		
GS	PARTICLES		FLOW GEOMETRY		REACTION TIME
	DROPS (LIQUIDS)				RESPONSE BIAS
			FUEL FLOW		ROTOR DYNAMICS
	. RAINDROPS		HEAT TRANSMISSION		SENSITIVITY
RT	AIR POLLUTION		WALL FLOW		STEP FUNCTIONS
	CONDENSATION NUCLEI				
	CONDENSING				STROKING TESTS
	∞ DROP		D PROPELLERS		SYSTEM IDENTIFICATION
	SPRAYERS	USE	SHROUDED PROPELLERS		TIME CONSTANT
	STRATERS				TRANSFER FUNCTIONS
					THE PROPERTY OF THE PROPERTY O
DROPS	ONDES		G DIFFERENTIAL EQUATION		
GS	MEASURING INSTRUMENTS	GS	ALGEBRA	DYNAMIC	STABILITY
	. METEOROLOGICAL INSTRUMENTS		. NONLINEAR EQUATIONS	GS	DYNAMIC CHARACTERISTICS
			DUFFING DIFFERENTIAL EQUATION		DYNAMIC STABILITY
	DROPSONDES				. COMBUSTION STABILITY
	. SONDES		ANALYSIS (MATHEMATICS)		
	DROPSONDES		. REAL VARIABLES		FLAME STABILITY
RT	METEOROLOGICAL BALLOONS		DIFFERENTIAL EQUATIONS		CONTROL STABILITY
	RADIOSONDES		DUFFING DIFFERENTIAL EQUATION		FREQUENCY STABILITY
	RAWINSONDES		NONLINEAR EQUATIONS		. MOTION STABILITY
	HAMINSONDES		DUFFING DIFFERENTIAL EQUATION		AERODYNAMIC STABILITY
		DT			
DRYDO	CKS	AT	∞ EQUATIONS		AIRCRAFT STABILITY
RT .	∞ PORTS		PROBABILITY THEORY		HOVERING STABILITY
	SEA LAUNCHING				ATTITUDE STABILITY
	SEA EAGROFIING	DUMMY	LOADS		DIRECTIONAL STABILITY
					GYROSCOPIC STABILITY
DSN HE	LICOPTER	USE	IMPEDANCE		LATERAL STABILITY
USE	QH-50 HELICOPTER		LOADING		
	4.100 114000 7211		OUTPUT		LONGITUDINAL STABILITY
	******				FLOW STABILITY
	(ALYSIS)	D111100 0			BOUNDARY LAYER STABILITY
USE	THERMAL ANALYSIS		COMBUSTORS		FLAME STABILITY
		GS	COMBUSTION CHAMBERS		
DTMB.4	11 GROUND EFFECT MACHINE		. DUMP COMBUSTORS	•	MAGNETOHYDRODYNAMIC
		RT	COMBUSTIBLE FLOW		STABILITY
USE	GROUND EFFECT MACHINES	111			WEIBEL INSTABILITY
			COMBUSTION EFFICIENCY		. LOW SPEED STABILITY
DTMP.45	30 GROUND EFFECT MACHINE		DUCT GEOMETRY		. ROTARY STABILITY
1105	GROUND EFFECT MACHINE		DUCTED FLOW		
USE	GROUND EFFECT MACHINES		ENGINE PARTS		GYROSCOPIC STABILITY
			FLAME HOLDERS		SPACECRAFT STABILITY
DUAL W	ING CONFIGURATIONS				STABILITY
AT.	BIPLANES		FLOW VELOCITY		DYNAMIC STABILITY
n i			INLET FLOW		. COMBUSTION STABILITY
	JOINED WINGS		RAMJET ENGINES		
	TANDEM WING AIRCRAFT		ROCKET ENGINES		. FLAME STABILITY
	WINGS				. CONTROL STABILITY
		DI 1510-1	C WIND OUT IN APPAULT.		. FREQUENCY STABILITY
BUG===	200,50		S WIND SHEAR MECHANISM		MOTION STABILITY
	BODIES	USE	WIND SHEAR		AERODYNAMIC STABILITY
RT	ANNULAR DUCTS				
	AXISYMMETRIC BODIES	DWELL			AIRCRAFT STABILITY
	BLUFF BODIES	RT	DELAY		HOVERING STABILITY
	BLUNT BODIES	rt i	DELAY		ATTITUDE STABILITY
	BODIES		IGNITION SYSTEMS		DIRECTIONAL STABILITY
			TIMING DEVICES		
۰	200120		THAIRTO DEVICES		GYROSCOPIC STABILITY

#### **DYNAMIC TESTS**

EDDY VISCOSITY-(CONT.)
RT FLOW CHARACTERISTICS
FLOW RESISTANCE DYNAMIC STABILITY-(CONT.)
LATERAL STABILITY LONGITUDINAL STABILITY INTERNAL FRICTION TURBULENT FLOW COMMAND AND CONTROL EARLY WARNING SYSTEMS ... FLOW STABILITY
... BOUNDARY LAYER STABILITY VISCOUS DRAG VISCOUS FLOW MILITARY AIRCRAFT FLAME STABILITY
MAGNETOHYDRODYNAMIC MAGNETOHYDROUTNAM
STABILITY
WEIBEL INSTABILITY
LOW SPEED STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
SPACECRAFT STABILITY EARTH AXIS AXES (REFERENCE LINES) **EFFERVESCENCE GS BOILING** AXES OF ROTATION **BUBBLES** EARTH AXIS COORDINATES SURFACE PROPERTIES RT EARTH ORIENTATION COUNTERBALANCES GEODESY RT **EJECTION** POLAR WANDERING (GEOLOGY) DAMPING DIMENSIONAL STABILITY GS **EJECTION** STELLAR MASS EJECTION EARTH RESOURCES SURVEY AIRCRAFT
GS RECONNAISSANCE AIRCRAFT BAILOUT ∞DISCHARGE DRIFT (INSTRUMENTATION) ∞ DYNAMICS HORIZONTAL ORIENTATION EARTH RESOURCES SURVEY DISCONNECT DEVICES MISSING MASS (ASTROPHYSICS)
RESONANT VIBRATION AIRCRAFT
AERIAL PHOTOGRAPHY DISPOSAL DUMPING RT RESONANT VIBRATION ROTOR DYNAMICS SPACECRAFT MOTION STABLE OSCILLATIONS STATIC STABILITY SURFACE STABILITY SYSTEMS STABILITY SYSTEMS STABILITY **AERIAL RECONNAISSANCE EJECTA EJECTORS** ∞ AIRCRAFT PHOTOGEOLOGY EMISSION **PHOTORECONNAISSANCE EMPTYING** ESCAPE (ABANDONMENT) ESCAPE SYSTEMS EBF USE EVACUATING (TRANSPORTATION) EVACUATING (VACUUM) TRANSIENT RESPONSE VERTICAL ORIENTATION EXTERNALLY BLOWN FLAPS **EXHAUSTING** EBULLITION
USE BOILING EXPULSION
EXPULSION BLADDERS
FLUSHING
JETTISON SYSTEMS DYNAMIC TESTS

RT AERODYNAMIC STABILITY ∞ DYNAMICS EC-121 AIRCRAFT FLIGHT TESTS LOW SPEED STABILITY RTY AIRCRAFT
WARNING STAR AIRCRAFT
LOCKHEED AIRCRAFT
. EC-121 AIRCRAFT
MONOPLANES ÜF **JETTISONING** MATERIALS HANDLING PARACHUTE DESCENT MOTION STABILITY SPIN DYNAMICS SPIN TESTS GS RELEASING REMOVAL SHEDDING . EC-121 AIRCRAFT
TRANSPORT AIRCRAFT STATIC TESTS ~ TESTS THROWING VIBRATION TESTS EC-121 AIRCRAFT UNLOADING ∞AIRCRAFT C-121 AIRCRAFT RT DYNAMOMETERS **EJECTION SEATS** ELECTRODYNAMOMETERS
ELECTRIC GENERATORS UF GS ONBOARD EQUIPMENT
AIRCRAFT EQUIPMENT ECHO 1 CARRIER ROCKET
USE THOR DELTA LAUNCH VEHICLE ROTATING GENERATORS
DYNAMOMETERS
MEASURING INSTRUMENTS **EJECTION SEATS** ... FLYING EJECTION SEATS SAFETY DEVICES **ECHOES** . DYNAMOMETERS ERGOMETERS **ECHOES** . EJECTION SEATS
. . FLYING EJECTION SEATS
SEATS GS AURORAL ECHOES
LUNAR ECHOES
LUNAR RADAR ECHOES
RADAR ECHOES RT MECHANICAL MEASUREMENT TEST EQUIPMENT THRUST MEASUREMENT . EJECTION SEATS
.. FLYING EJECTION SEATS
ABORT APPARATUS **TORQUEMETERS** ANGELS (RADAR) RT CLUTTER
LUNAR RADAR ECHOES
SOLAR RADAR ECHOES
VENUS RADAR ECHOES
RADIO ECHOES AIRCRAFT SAFETY BAILOUT COCKPITS E EJECTORS ESCAPE CAPSULES SIGNAL REFLECTION ESCAPE SYSTEMS RT ACOUSTICS CEPSTRAL ANALYSIS E-2 AIRCRAFT JETTISON SYSTEMS ∞PROPELLANT ACTUATED DEVICES HAWKEYE AIRCRAFT
HAWKEYE AIRCRAFT
WZF AIRCRAFT
AWACS AIRCRAFT
E-2 AIRCRAFT
GRUMMAN AIRCRAFT
JET AIRCRAFT
JET AIRCRAFT
THEOROPORT AIRCRAFT ECHO SOUNDING GROUND EFFECT (COMMUNICATIONS) GS **EJECTORS** NOISE (SOUND) DISPENSERS REVERBERATION **EJECTION** EJECTION SEATS EXHAUST DIFFUSERS EXHAUST NOZZLES **EDDIES** . TURBOPROP AIRCRAFT VORTICES USE E-2 AIRCRAFT OBSERVATION AIRCRAFT EXHAUST SYSTEMS
FLYING EJECTION SEATS
INJECTORS EDDINGTON APPROXIMATION
GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS E-2 AIRCRAFT ∞ AIRCRAFT COMMAND AND CONTROL JET ENGINES JET PUMPS APPROXIMATION COMMAND AND CONTROL
EARLY WARNING SYSTEMS
MILITARY AIRCRAFT
PASSENGER AIRCRAFT
TURBOPROP ENGINES ... EDDINGTON APPROXIMATION MATERIALS HANDLING PUMPS ROCKET ENGINES EDDY CURRENTS
SN (LIMITED TO ELECTRIC CURRENTS)
GS ELECTRIC CURRENT SPRAYERS VACUUM PUMPS E-3A AIRCRAFT EDDY CURRENTS AWACS AIRCRAFT EKMAN LAYER BRAKING ELECTRIC CONDUCTORS RT . E-3A AIRCRAFT BOEING AIRCRAFT ATMOSPHERIC BOUNDARY LAYER BOUNDARY LAYER TRANSITION ELECTRICAL PROPERTIES HYSTERESIS E-SA AIRCRAFT ∞ AIRCRAFT COMMAND AND CONTROL MIXING LAYERS (FLUIDS)
POROUS BOUNDARY LAYER CONTROL
TURBULENT BOUNDARY LAYER MAGNETIC PROPERTIES

PHYSICAL PROPERTIES

PLASMA CURRENTS EARLY WARNING SYSTEMS VORTICITY TRANSPORT HYPOTHESIS ELASTIC BODIES RT ∞ BODIES E-4A AIRCRAFT ADVANCED AIRBORNE COMMAND POST BOEING 747B AIRCRAFT AWACS AIRCRAFT ∞ ELASTIC SYSTEMS EDDY VISCOSITY
GS TRANSPORT PROPERTIES ELASTODYNAMICS ELASTOSTATICS GS

VISCOSITY

EDDY VISCOSITY

PLASTIC BODIES

E-4A AIRCRAFT

**BOEING AIRCRAFT** 

# **ELECTROHYDRODYNAMICS**

EI ARTIC	DAMPING	ELASTIC WAVES-(CONT.)	ELECTRIC CONTROL
GS	DAMPING	SOLITARY WAVES	UF ELECTROHYDRAULIC CONTROL
	. ELASTIC DAMPING	SOUND TRANSMISSION	RT AUTOMATIC CONTROL
	VISCOELASTIC DAMPING	SPHERICAL WAVES	∞ CONTROL
	ELASTODYNAMICS	STRESS PROPAGATION	CONTROL EQUIPMENT
	. ELASTIC DAMPING	SURFACE WAVES	CONTROL SYSTEMS DESIGN
	VISCOELASTIC DAMPING	TRANSVERSE WAVES	ELECTRONIC CONTROL
AT	RESONANCE TESTING	TRAVELING WAVES	ENGINE CONTROL
	VIBRATION DAMPING	TROPOSPHERIC WAVES	NUMERICAL CONTROL
	VISCOUS DAMPING	UNDERWATER ACOUSTICS	REMOTE CONTROL SOLENOID VALVES
		VIBRATION WAVE DISPERSION	VOLTAGE CONTROLLED OSCILLATORS
ELASTIC		wave dispension ∞WAVES	TOLINGE CONTINUELED OSCIEDATORS
UF	EXPANSION WAVES LOADING WAVES	BWATES	ELECTRIC CORONA
	PRESSURE WAVES	PI ANTONYARANYARANA	UF CORONA DISCHARGES
	RAREFACTION WAVES	ELASTOHYDRODYNAMICS GS ELASTODYNAMICS	GS CORONAS
GS	ELASTIC WAVES	. ELASTOHYDRODYNAMICS	. ELECTRIC CORONA
	. CAPILLARY WAVES	FLUID MECHANICS	ELECTRIC CURRENT
	GRAVITY WAVES	. FLUID DYNAMICS	ELECTRIC DISCHARGES
	BAROCLINIC WAVES	HYDRODYNAMICS	. ELECTRIC CORONA
	RIPPLES	ELASTOHYDRODYNAMICS	RT ATMOSPHERIC ELECTRICITY
	. COHERENT ACOUSTIC RADIATION	. HYDROMECHANICS	ELECTROHYDRODYNAMICS GLOW DISCHARGES
	. COMPRESSION WAVES . DILATATIONAL WAVES	HYDRODYNAMICS	IONIZATION
	. IONIC WAVES	ELASTOHYDRODYNAMICS	SOLAR CORONA
	. MAGNETOELASTIC WAVES	RT BALL BEARINGS	STATIC ELECTRICITY
	. MAGNETOACOUSTIC WAVES	ELASTIC WAVES FRICTION MEASUREMENT	
	. MAGNETOHYDRODYNAMIC WAVES	LUBRICATION	ELECTRIC DISCHARGES
	PLASMA WAVES	ROTATING CYLINDERS	GS ELECTRIC CURRENT
	ELECTROSTATIC WAVES	SQUEEZE FILMS	ELECTRIC DISCHARGES
	. P WAVES	WATER WAVES	ARC DISCHARGES
	. PHONONS		ELECTRIC ARCS
	PHONON BEAMS	ELASTOMETERS	CARBON ARCS
	POLARIZED ELASTIC WAVES	GS MEASURING INSTRUMENTS	MERCURY ARCS
	. S WAVES	. ELASTOMETERS	ELECTRIC CORONA
	SH WAVES . SEISMIC WAVES	RT ELASTIC PROPERTIES	ELECTRIC SPARKS
	. LOVE WAVES	EXTENSOMETERS	ELECTRODELESS DISCHARGES FLASHOVER
	. MICROSEISMS	STRAIN GAGES	GLOW DISCHARGES
	RAYLEIGH WAVES		. LIGHTNING
	. SHOCK WAVES	ELDO LAUNCH VEHICLE	BALL LIGHTNING
	DETONATION WAVES	GS LAUNCH VEHICLES	MULTIPACTOR DISCHARGES
	MACH CONES	. ELDO LAUNCH VEHICLE	PENNING DISCHARGE
	NORMAL SHOCK WAVES	ROCKET VEHICLES	RADIO FREQUENCY DISCHARGE
	OBLIQUE SHOCK WAVES	. MULTISTAGE ROCKET VEHICLES	SAINT ELMO FIRE
	RIEMANN WAVES	ELDO LAUNCH VEHICLE	TOWNSEND DISCHARGE
	SONIC BOOMS . SOUND WAVES	RT ARIANE LAUNCH VEHICLE	GAS DISCHARGES
	ELECTROACOUSTIC WAVES	BLUE STREAK LAUNCH VEHICLE	TOROIDAL DISCHARGE
	ION ACOUSTIC WAVES	EUROPA LAUNCH VEHICLES	RING DISCHARGE RT AVALANCHES
	LAMB WAVES	EUROPEAN SPACE AGENCY EUROPEAN 1 SPACECRAFT	RT AVALANCHES CORONAS
	NOISE (SOUND)	EURIOI EAR I GENOLONALI	∞ DISCHARGE
	AERODYNAMIC NOISE	ELECTRA AIRCRAFT	DUOPLASMATRONS
	BLADE SLAP NOISE	GS COMMERCIAL AIRCRAFT	ELECTRON EMISSION
	PROPELLER NOISE	. ELECTRA AIRCRAFT	ELECTROSTATIC CHARGE
	AIRCRAFT NOISE	JET AIRCRAFT	∞FLASH
	BLADE SLAP NOISE	. TURBOPROP AIRCRAFT	IONIZATION
	JET AIRCRAFT NOISE PROPELLER NOISE	ELECTRA AIRCRAFT	LIGHTNING SUPPRESSION
	SONIC BOOMS	LOCKHEED AIRCRAFT	MOLNIYA SATELLITES
	ENGINE NOISE	ELECTRA AIRCRAFT	PLASMA CURRENTS SPACE CHARGE
	ROCKET ENGINE NOISE	MONOPLANES	ZENER EFFECT
	THERMAL NOISE	. ELECTRA AIRCRAFT PASSENGER AIRCRAFT	ELITER CITEO
	. STRESS WAVES	. ELECTRA AIRCRAFT	ELECTRICALLY SUSPENDED GYROSCOPES
	. TOLLMIEN-SCHLICHTING WAVES	TRANSPORT AIRCRAFT	USE ELECTROSTATIC GYROSCOPES
	. ULTRASONIC RADIATION	. ELECTRA AIRCRAFT	
	. UNLOADING WAVES ACOUSTIC PROPAGATION	RT ∞AIRCRAFT	ELECTROACOUSTICS
	ACOUSTIC PHOPAGATION		GS ACOUSTICS
	ACOUSTICS	ELECTRIC AIRCRAFT	. ELECTROACOUSTICS
	AEOLIAN TONES	USE FLY BY WIRE CONTROL	RT ELECTROACOUSTIC TRANSDUCERS
	BACKGROUND NOISE		ELECTROACOUSTIC WAVES
	BACKWARD WAVES	ELECTRIC ARCS	SOUND TRANSDUCERS SURFACE ACOUSTIC WAVE DEVICES
	CNOIDAL WAVES	GS ELECTRIC CURRENT	ULTRASONIC WAVE TRANSDUCERS
	COHERENT RADIATION	. ELECTRIC DISCHARGES	ULTRASONICS
	COMBUSTION VIBRATION	ELECTRIC ARCS	
	CONTINUOUS RADIATION	CARBON ARCS	ELECTRODYNAMOMETERS
	CYLINDRICAL WAVES DIFFUSION WAVES	MERCURY ARCS RT ARC CHAMBERS	USE DYNAMOMETERS
	DOPPLER EFFECT	RT ARC CHAMBERS ARC DISCHARGES	
	ELASTODYNAMICS	ARC GENERATORS	ELECTROHYDRAULIC CONTROL
	ELASTOHYDRODYNAMICS	∞ARCS	USE ELECTRIC CONTROL
	LAME WAVE EQUATIONS	CORONAS	HYDRAULIC CONTROL
	LONGITUDINAL WAVES	ELECTRICAL FAULTS	
	MAGNETOHYDRODYNAMIC STABILITY	FLASHOVER	ELECTROHYDRODYNAMICS
	PLANE WAVES	GAS DISCHARGES	GS ELECTRODYNAMICS
	POLARIZED RADIATION	GLOW DISCHARGES	. ELECTROHYDRODYNAMICS
	PRESSURE	IONIZATION	FLUID MECHANICS
	PULSED RADIATION RADIATION	LIGHT SOURCES LIGHTNING	. FLUID DYNAMICS
	RADIATION RADIATION DISTRIBUTION	MAGNETOHYDRODYNAMICS	HYDRODYNAMICS <b>ELECTROHYDRODYNAMICS</b>
	RADIATION PRESSURE	PLANOTRONS	ELECTRONTORODTNAMICS . HYDROMECHANICS
	RAREFACTION	PLASMA GENERATORS	HYDRODYNAMICS
	REFLECTED WAVES	PLASMAS (PHYSICS)	ELECTROHYDRODYNAMICS
	REFRACTED WAVES	SAHA EQUATIONS	RT ELECTRIC CORONA
	SINE WAVES	SHORT CIRCUITS	ELECTROKINETICS

### **ELECTROMAGNETIC ACCELERATION**

ELECTROHYDRODYNAMICS-(CONT.)

ELECTRON GAS ELECTRON MOBILITY ION DISTRIBUTION MAGNETOHYDRODYNAMICS

**ELECTROMAGNETIC ACCELERATION** 

∞ ACCELERATION
ELECTROMAGNETIC INTERACTIONS MAGNETIC FIELDS MASS DRIVERS PARTICLE ACCELERATION PLASMA ACCELERATORS

**ELECTROMAGNETIC CONTROL** 

**ELECTROMAGNETS** REMOTE CONTROL

ELECTROMAGNETIC MEASUREMENT

(MEASUREMENT OF ELECTROMAGNETIC PROPERTIES, QUANTITIES OR CONDITIONS)

ELECTROMAGNETIC MEASUREMENT . ELECTROMAGNETIC NOISE GS

MEASUREMENT

BARKHAUSEN EFFECT EARTH TERMINAL MEASUREMENT ΑT

SYSTEM ELECTRICAL MEASUREMENT ELECTROMAGNETISM INFRARED DETECTORS
MAGNETIC MEASUREMENT
MAGNETIC TRANSDUCERS ∞ MEASUREMENT

SIGNAL MEASUREMENT

**ELECTROMAGNETIC NOISE** 

RADIATION NOISE RADIO FREQUENCY NOISE ELECTROMAGNETIC INTERFERENCE GS

RADIO FREQUENCY INTERFERENCE ELECTROMAGNETIC NOISE

ATMOSPHERICS . IONOSPHERICS

SUDDEN ENHANCEMENT OF ATMOSPHERICS

WHISTLERS

COSMIC NOISE IONOSPHERIC NOISE WHISTLERS

SHOT NOISE

WHITE NOISE

THERMAL NOISE
BACKGROUND NOISE
BACKGROUND RADIATION RT

BLACKOUT (PROPAGATION) CHANNEL NOISE CHIRP SIGNALS
EXTRATERRESTRIAL RADIATION

GROUND EFFECT (COMMUNICATIONS)

MICROWAVES MILLIMETER WAVES ∞ NOISE

NOISE GENERATORS NOISE REDUCTION NOISE SPECTRA NOISE STORMS

NOISE TEMPERATURE

RADAR RECEIVERS RADIO RECEIVERS RADIO SPECTRA RADIO WAVES RANDOM NOISE SIGNAL TO NOISE RATIOS

SOLAR RADIO EMISSION SQUELCH CIRCUITS SUBMILLIMETER WAVES

**ELECTROMETERS** 

MEASURING INSTRUMENTS ELECTRIC CHARGE RT

ELECTRICAL MEASUREMENT ELECTRON COUNTERS GALVANOMETERS
POTENTIOMETERS (INSTRUMENTS)

VOLTMETERS

WATTMETERS

**ELECTRONIC AIRCRAFT** 

∞ AIRCRAFT
AUTOMATIC CONTROL

ELECTRONIC COUNTERMEASURES

**ELECTRONIC AMPLIFIERS** 

**AMPLIFIERS** 

**ELECTRONIC CONTROL** 

AUTOMATIC CONTROL CASCADE CONTROL ∞ CONTROL CONTROL EQUIPMENT CONTROL SYSTEMS DESIGN CONTROLLERS
CURRENT REGULATORS ELECTRIC CONTROL ELECTRIC SWITCHES FEEDBACK CONTROL HYDRAULIC CONTROL
PNEUMATIC CONTROL
REMOTE CONTROL

TERMINAL CONFIGURED VEHICLE PROGRAM

VOLTAGE REGULATORS

**ELECTRONIC TRANSDUCERS** 

ELECTRONIC EQUIPMENT
ELECTRONIC TRANSDUCERS TRANSDUCERS

**ELECTRONIC TRANSDUCERS** 

MAGNETIC TRANSDUCERS ∞ SENSORS

ULTRASONIC WAVE TRANSDUCERS

ELECTROPHEOLOGICAL FLUIDS

ER FLUIDS AT ELASTODYNAMICS RHFOLOGY

ELECTROSTATIC CHARGE
GS ELECTRIC CHARGE

ELECTROSTATIC CHARGE

CAPACITANCE CHARGE DISTRIBUTION

CHARGING
ELECTRIC DISCHARGES
ELECTRIC FIELDS ELECTROSTATICS SCATHA SATELLITE STATIC ELECTRICITY XEROGRAPHY

**ELECTROSTATIC DRAG** 

DYNAMIC CHARACTERISTICS

DRAG

ELECTROSTATIC DRAG DRAG MEASUREMENT SATELLITE DRAG ВT

ELECTROSTATIC ENGINES
GS ENGINES

RT

**ROCKET ENGINES** 

**ELECTRIC ROCKET ENGINES** ELECTROSTATIC ENGINES

ARC JET ENGINES CESIUM ENGINES ION ENGINES MERCURY ION ENGINES
MICROROCKET ENGINES
RESTARTABLE ROCKET ENGINES RIT ENGINES SUSTAINER ROCKET ENGINES VERNIER ENGINES

**ELECTROSTATIC GYROSCOPES** 

ELECTRICALLY SUSPENDED
GYROSCOPES

ESG (GYROSCOPES) **GYROSCOPES** 

GS ELECTROSTATIC GYROSCOPES

RT LEVITATION

ELECTROSTATIC PRECIPITATORS
GS SEPARATORS

PRECIPITATORS

.. ELECTROSTATIC PRECIPITATORS ADSORPTION

RT AIR PURIFICATION AIR SAMPLING DUST COLLECTORS FLY ASH

∞ SEPARATION

**ELECTROSTATIC WAVES** 

ELASTIC WAVES MAGNETOHYDRODYNAMIC WAVES

. PLASMA WAVES
. . ELECTROSTATIC WAVES
DIFFUSION WAVES

IONIC WAVES

LONGITUDINAL WAVES MAGNETOELASTIC WAVES SHOCK WAVES

**ELECTROTHERMAL ENGINES** 

ENGINES

. ROCKET ENGINES
. . ELECTRIC ROCKET ENGINES

ELECTROTHERMAL ENGINES
ARC JET ENGINES
RESISTOJET ENGINES

HIGH TEMPERATURE PROPELLANTS RT

NUCLEAR ELECTRIC PROPULSION

PULSED JET ENGINES
RESTARTABLE ROCKET ENGINES

SUSTAINER ROCKET ENGINES

ELEVATION

ALTIMETRY ALTITUDE CONTOURS

HEAD (FLUID MECHANICS) HYDROSTATIC PRESSURE

HYDROSTATICS HYPSOGRAPHY LOW ALTITUDE PRESSURE HEADS TOPOGRAPHY

ELEVATION ANGLE
UF ALMUCANTAR GS GEOMETRY

EUCLIDEAN GEOMETRY

ANGLES (GEOMETRY)
. ELEVATION ANGLE

ALTITUDE AZIMUTH

DATUM (ELEVATION)
FIELD OF VIEW
LOOK ANGLES (TRACKING)
TOPOGRAPHY

ELEVATORS (CONTROL SURFACES)
GS AIRFOILS
. ELEVATORS (CONTROL SURFACES)
CONTROL SURFACES
. ELEVATORS (CONTROL SURFACES)

AILERONS

∞ CONTROL

**ELEVONS** HORIZONTAL TAIL SURFACES

STABILIZERS (FLUID DYNAMICS)

∞ SURFACES

TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES

**ELEVONS** 

RT

AIRFOILS

**ELEVONS** CONTROL SURFACES

**ELEVONS** 

AILERONS

ELEVATORS (CONTROL SURFACES)

LATERAL CONTROL
TABS (CONTROL SURFACES)

**ELLIPSES** 

GEOMETRY

EUCLIDEAN GEOMETRY ANALYTIC GEOMETRY

**ELLIPSES** CIRCLES (GEOMETRY) ΑT

**ELLIPSOMETERS** 

MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS

ELLIPSOMETERS

OPTICAL EQUIPMENT . OPTICAL MEASURING INSTRUMENTS

ELLIPSOMETERS RT **ELLIPSOMETRY** PHOTOMETERS POLARIMETERS

E1   100011ETDV	FNDOD	ADJOSOURES (CONT.)	ENGINE	DESIGN
ELLIPSOMETRY		ADIOSONDES-(CONT.)  METEOROLOGICAL INSTRUMENTS	GS	ENGINE DESIGN
RT DIMENSIONAL MEASUREMEN	T.		GS	
ELLIPSOMETERS		RADIOSONDES		. ROCKET ENGINE DESIGN
ELLIPTICITY		ENDORADIOSONDES	RT	AIRCRAFT DESIGN
FILM THICKNESS		. SONDES		COMPUTER AIDED DESIGN
∞ MEASUREMENT		RADIOSONDES		∞ DESIGN
OPTICAL MEASUREMENT		ENDORADIOSONDES		HELICOPTER DESIGN
POLARIZED LIGHT		RADIO EQUIPMENT		MISSILE DESIGN
		. RADIO TRANSMITTERS		NOZZLE DESIGN
ELLIPTICAL CYLINDERS		RADIOSONDES		PRODUCT DEVELOPMENT
RT CIRCULAR CYLINDERS		ENDORADIOSONDES		REACTOR DESIGN
∞CYLINDERS		TRANSMITTERS		SPACECRAFT DESIGN
CYLINDRICAL BODIES		. RADIO TRANSMITTERS		STIRLING ENGINES
CYLINDRICAL SHELLS		. RADIOSONDES		VOLUMETRIC EFFICIENCY
CTLINDRICAL SHELLS		ENDORADIOSONDES		
		ENDONADIOSONDES	ENOINE	FAILURE
EMISSOGRAPHS				
USE ACTINOMETERS	ENDOT	HERMIC FUELS	GS	FAILURE
RECORDING INSTRUMENTS	GS	FUELS		. ENGINE FAILURE
		. CHEMICAL FUELS	RT	ABORTED MISSIONS
EMPENNAGE		. ENDOTHERMIC FUELS		∞CUT-OFF
USE TAIL ASSEMBLIES	RT	CRYOGENIC ROCKET PROPELLANTS		INGESTION (ENGINES)
*	***	DOUBLE BASE PROPELLANTS		∞ STALLING
E140E1414		GASEOUS ROCKET PROPELLANTS		
EMPTYING			ENGINE	INLETS
RT DISPOSAL		HYDROCARBON FUELS	GS	INTAKE SYSTEMS
DUMPING		PROPELLANT DECOMPOSITION		. AIR INTAKES
EJECTION				ENGINE INLETS
EXPULSION	ENERG'	Y EXCHANGE	RT	
EXPULSION BLADDERS	USE			BYPASS RATIO
JETTISONING	002	ENERGY MAINSTER		∞DIFFUSERS
MATERIALS HANDLING				HYPERSONIC INLETS
RELEASING	ENERG'	Y TRANSFER		INLET AIRFRAME CONFIGURATIONS
REMOVAL	UF	ENERGY EXCHANGE		INLET NOZZLES
	GS	ENERGY TRANSFER		INLET TEMPERATURE
SPILLING	40	LINEAR ENERGY TRANSFER (LET)		INTERNAL COMPRESSION INLETS
SPREADING	RT	ACOUSTIC COUPLING		NACELLES
UNLOADING	nı .			10.00000
		ANTENNA COUPLERS		
ENCAPSULATING		COUPLING CIRCUITS		MONITORING INSTRUMENTS
GS COATING		CYCLOTRON RESONANCE	GS	MEASURING INSTRUMENTS
. ENCAPSULATING		ELECTRON PUMPING		. ENGINE MONITORING INSTRUMENT
		GAS TRANSPORT	AT	FLIGHT INSTRUMENTS
COATINGS		GAS-LIQUID INTERACTIONS		
. ENCAPSULATING		HEAT TRANSFER	ENGINE	MOISE
RT CANNING		HEISENBERG THEORY		
ELECTRONIC PACKAGING		LAGRANGE SIMILARITY HYPOTHESIS	GS	ELASTIC WAVES
ELECTROSTATIC BONDING		MASS TRANSFER		. SOUND WAVES
EMBEDDING				NOISE (SOUND)
∞ IMBEDDINGS		MOMENTUM TRANSFER		ENGINE NOISE
MATERIALS HANDLING		NONADIABATIC CONDITIONS		ROCKET ENGINE NOISE
PACKAGING		NONISOTHERMAL PROCESSES	RT	AIRCRAFT NOISE
		NUCLEAR PUMPING		AIRCRAFT RUNUP
PLASTIC COATINGS		PLASMA HEATING		JET AIRCRAFT NOISE
POTTING COMPOUNDS		POYNTING THEOREM		PROPELLER NOISE
PROTECTIVE COATINGS		RADIATIVE TRANSFER		QUIET ENGINE PROGRAM
SEALING		TERMINAL BALLISTICS		QUIET ENGINE PROGRAM
SHEATHS		TRANSFERRING		
		TRANSFERRING	ENGINE	PARTS
ENCKE METHOD			RT	CARBURETORS
RT ∞METHODOLOGY	ENGINE	AIRFRAME INTEGRATION		CLUTCHES
NI @METHODOLOGT	RT	AERODYNAMIC CHARACTERISTICS		COMBUSTION CHAMBERS
		AERODYNAMIC CONFIGURATIONS		∞ COMPONENTS
ENCLOSURES		AIRCRAFT DESIGN		DUMP COMBUSTORS
RT AIR LOCKS		AIRCRAFT ENGINES		FLYWHEELS
ASTEROID CAPTURE		AIRFRAMES		INTERNAL COMBUSTION ENGINES
∞ BARRIERS		AITHITIAMEO		
BIOPAKS				PISTONS
CLOSURES	ENGINE	ANALYZERS		RETIREMENT FOR CAUSE
COMPARTMENTS	GS	MEASURING INSTRUMENTS		ROCKET LININGS
∞ CONTAINERS		. ANALYZERS		SPARE PARTS
COVERINGS		ENGINE ANALYZERS		TURBINE BLADES
				TURBINE WHEELS
DOGHOUSES (ELECTRONICS)				VALVES
∞ ENVELOPES		CONTROL		
HOUSINGS	GS	ENGINE CONTROL	ENGINE	PRIMERS
∞ PENS		. ROCKET ENGINE CONTROL		
PERFORATED SHELLS		. TURBOJET ENGINE CONTROL	RT	INTERNAL COMBUSTION ENGINES
PRESSURE CHAMBERS	RT	AIR START		∞ PRIMERS
PROTECTORS		AIRCRAFT CONTROL		STARTING
ROOMS		AUTOMATIC CONTROL		
SAFETY DEVICES		COMBUSTION CONTROL	ENGINE	STARTERS
SHELLS (STRUCTURAL FORM	S)	∞ CONTROL	GS	STARTERS
SHIELDING	-,	ELECTRIC CONTROL		. ENGINE STARTERS
SHIPYARDS			RT	ENGINES
WALLS		FLIGHT INSTRUMENTS	n.i	INTERNAL COMBUSTION ENGINES
WALLS		FUEL CONTROL		JET ENGINES
		HYDRAULIC CONTROL		JET ENGINES
ENDEAVOUR (ORBITER)		MANUAL CONTROL		
GS MANNED SPACECRAFT		PNEUMATIC CONTROL	ENGINE	TESTING LABORATORIES
SPACE SHUTTLE ORBITERS		REMOTE CONTROL	GS	LABORATORIES
. ENDEAVOUR (ORBITER)		SPACECRAFT CONTROL		. ENGINE TESTING LABORATORIES
REENTRY VEHICLES		SPEED CONTROL		TEST FACILITIES
	т	TEMPERATURE CONTROL		
. RECOVERABLE SPACECRAF	' •	THRUST CONTROL		. ENGINE TESTING LABORATORIES
REUSABLE SPACECRAFT			RT	ENGINES
SPACE SHUTTLE ORBITE		VARIABLE STREAM CONTROL ENGINES		
ENDEAVOUR (ORBITER	)		ENGINE	TESTS
RT CHALLENGER (ORBITER)	ENGINE	COOLANTS	GS	ENGINE TESTS
∞ SPACECRAFT	GS	COOLANTS	40	. COLD FLOW TESTS
	us			
ENDORADIOSCUPEO		. ENGINE COOLANTS		. PREFIRING TESTS
ENDORADIOSONDES	RT	COOLING		SPACE ELECTRIC ROCKET TESTS
GS MEASURING INSTRUMENTS		COOLING SYSTEMS		. STATIC FIRING

# ENGINEERING DRAWINGS

	(CONT)	ENGINES-(CONT.)	ENGINES-(CONT.)
	TESTS-(CONT.)	ENGINES-(CO/V/.)	CESIUM ENGINES
RT	AIRCRÁFT RUNUP ALTITUDE TESTS	T-58-GE-8B ENGINE	MERCURY ION ENGINES
	CAPTIVE TESTS	. EXTERNAL COMBUSTION ENGINES	RIT ENGINES
	FLIGHT TESTS	STIRLING ENGINES	HEUS ROCKET ENGINES HOT WATER ROCKET ENGINES
	FUEL TESTS	INTERNAL COMBUSTION ENGINES	HYBRID PROPELLANT ROCKET
	FULL SCALE TESTS	DIESEL ENGINES GAS TURBINE ENGINES	ENGINES
	GROUND TESTS	HYDROGEN ENGINES	LITHERGOL ROCKET ENGINES
	LUBRICANT TESTS MISSILE TESTS	JET ENGINES	LIQUID PROPELLANT ROCKET
	NONDESTRUCTIVE TESTS	RAMJET ENGINES	ENGINES
	PRELAUNCH TESTS	INTEGRAL ROCKET RAMJETS	AJ-10 ENGINE F-1 ROCKET ENGINE
	PROPELLANT TESTS	LOW VOLUME RAMJET ENGINES PULSEJET ENGINES	H-1 ENGINE
	PROPULSIVE EFFICIENCY	SUPERSONIC COMBUSTION	HYDRAZINE ENGINES
	ROCKET ENGINE DESIGN ROCKET TEST FACILITIES	RAMJET ENGINES	HYDROGEN OXYGEN ENGINES
	SERT 1 SPACECRAFT	TURBORAMJET ENGINES	J-2 ENGINE
	SERT 2 SPACECRAFT	T-63 ENGINE	M-1 ENGINE RL-10-A-1 ENGINE
	STATIC TESTS	T-76 ENGINE TURBOJET ENGINES	RL-10-A-1 ENGINE
	STIRLING ENGINES	BRISTOL-SIDDELEY OLYMPUS	LIQUID AIR CYCLE ENGINES
	TEST FIRING TEST STANDS	593 ENGINE	LR-62-RM-2 ENGINE
	TESTING TIME	BRISTOL-SIDDELEY VIPER	LR-87-AJ-5 ENGINE
	*TESTS	ENGINE	LR-91-AJ-5 ENGINE
	VIBRATION TESTS	DUCTED FAN ENGINES	LR-99 ENGINE MA-2 ENGINE
		J-33 ENGINE	MA-3 ENGINE
ENGINE	ERING DRAWINGS	J-47 ENGINE	MA-5 ENGINE
UF	MECHANICAL DRAWINGS	J-52 ENGINE	OXYGEN-HYDROCARBON ROCKET
GS	DOCUMENTS	J-57 ENGINE	ENGINES
	ENGINEERING DRAWINGS	J-57-P-20 ENGINE	RL-10 ENGINES RL-10-A-1 ENGINE
	BLUEPRINTS DRAWINGS	J-65 ENGINE J-69-T-25 ENGINE	RL-10-A-1 ENGINE
	. ENGINEERING DRAWINGS	J-69-1-25 ENGINE	SPACE SHUTTLE MAIN ENGINE
	BLUEPRINTS	J-73 ENGINE	X-405 ENGINE
RT	CIRCUIT DIAGRAMS	J-75 ENGINE	XLR-99 ENGINE
	DESCRIPTIVE GEOMETRY	J-79 ENGINE	YLR-91-AJ-1 ENGINE M-100 ENGINE
	∞DESIGN DIMENSIONS	J-85 ENGINE	MICROROCKET ENGINES
	GRAPHIC ARTS	J-93 ENGINE FIA-28 ENGINE	ORBIT MANEUVERING ENGINE
	LAYOUTS	TURBOFAN ENGINES	(SPACE SHUTTLE)
	LOFTING	BRISTOL-SIDDELEY BS 53	NOZZLELESS ROCKET ENGINES
	REPRODUCTION (COPYING)	ENGINE	NUCLEAR ENGINE FOR ROCKET VEHICLES
		CF-700 ENGINE CONVERTIBLE FAN-SHAFT	. NUCLEAR RAMJET ENGINES
ENGINE	S	ENGINES	NUCLEAR ROCKET ENGINES
SN	(LIMITED TO MACHINES WITH	J-97 ENGINE	NUCLEAR LIGHTBULB ENGINES
	SELF-CONTAINED POWER SOURCES FOR CONTINUOUS OPERATION-SEE	TF-30 ENGINE	RESTARTABLE ROCKET ENGINES
	MOTORS FOR MACHINES UTILIZING	TF-41 ENGINE	RETROROCKET ENGINES BE-3 ENGINE
	EXTERNAL POWER SOURCES FOR	TURBOPROP ENGINES	REUSABLE ROCKET ENGINES
	NORMAL OPERATION)	T-34 ENGINE	. SOLID PROPELLANT ROCKET
UF	GAS GENERATOR ENGINES	T-53 ENGINE	ENGINES
GS	ENGINES . AIR BREATHING ENGINES	T-56 ENGINE	ALGOL ENGINE
	. GAS TURBINE ENGINES	T-64 ENGINE	APOGEE BOOST MOTORS
	JET ENGINES	T-74 ENGINE	ASROC ENGINE HERCULES ENGINE
	RAMJET ENGINES	T-78 ENGINE	M-46 ENGINE
	INTEGRAL ROCKET RAMJETS	T-58 ENGINE	M-55 ENGINE
	LOW VOLUME RAMJET ENGINES PULSEJET ENGINES	T-58-GE-8B ENGINE	M-56 ENGINE
	SUPERSONIC COMBUSTION	HELICOPTER ENGINES	M-57 ENGINE
	RAMJET ENGINES	ROTARY ENGINES	NIKE BOOSTER ROCKET ENGINES P-1 ENGINE
	TURBORAMJET ENGINES	WANKEL ENGINES . JATO ENGINES	SL-3 ROCKET ENGINE
	TURBOJET ENGINES	. MARQUARDT R4D ENGINE	SPACE SHUTTLE BOOSTERS
	BRISTOL-SIDDELEY OLYMPUS 593 ENGINE	PISTON ENGINES	ADVANCED SOLID ROCKET
	BRISTOL-SIDDELEY VIPER	DIESEL ENGINES	MOTOR (STS)
	ENGINE	FREE-PISTON ENGINES	SYNCOM APOGEE ENGINES TU-121 ENGINE
	DUCTED FAN ENGINES	STIRLING ENGINES . PULSED JET ENGINES	TX-77 ENGINE
	J-33 ENGINE	. ROCKET ENGINES	TX-354 ENGINE
	J-34 ENGINE	BOOSTER ROCKET ENGINES	X-248 ENGINE
	J-57 ENGINE	AJ-10 ENGINE	X-254 ENGINE
	J-57-P-20 ENGINE	ALGOL ENGINE	X-258 ENGINES X-258-B1 ENGINE
	J-65 ENGINE	APOGEE BOOST MOTORS H-1 ENGINE	X-259 ENGINE
	J-69-T-25 ENGINE	LR-87-AJ-5 ENGINE	XM-33 ENGINE
	J-71 ENGINE J-73 ENGINE	M-1 ENGINE	SUSTAINER ROCKET ENGINES
	J-73 ENGINE	M-55 ENGINE	TURBOROCKET ENGINES
	J-79 ENGINE	MA-2 ENGINE	ULLAGE ROCKET ENGINES UPPER STAGE ROCKET ENGINES
	J-85 ENGINE	MA-3 ENGINE MA-5 ENGINE	VERNIER ENGINES
	J-93 ENGINE	NIKE BOOSTER ROCKET ENGINES	SYNCOM APOGEE ENGINES
	RA-28 ENGINE	P-1 ENGINE	. TORPEDO ENGINES
	BRISTOL-SIDDELEY BS 53	ROCKET ENGINE 9KS-11000	TURBOROCKET ENGINES
	ENGINE	SPACE SHUTTLE BOOSTERS	. ULLAGE ROCKET ENGINES
	CF-700 ENGINE	ADVANCED SOLID ROCKET	VERNIER ENGINES CONTROL ROCKETS
	CONVERTIBLE FAN-SHAFT	MOTOR (STS) X-405 ENGINE	SYNCOM APOGEE ENGINES
	ENGINES	DUCTED BOCKET ENGINES	. TURBINE ENGINES
	J-97 ENGINE	ELECTRIC ROCKET ENGINES ELECTROSTATIC ENGINES	GAS TURBINE ENGINES
	TF-41 ENGINE	ELECTROSTATIC ENGINES	JET ENGINES
	T-53 ENGINE	ELECTROTHERMAL ENGINES	RAMJET ENGINES LOW VOLUME RAMJET ENGINES
	T-56 ENGINE	ARC JET ENGINES RESISTOJET ENGINES	PULSEJET ENGINES
	T-64 ENGINE	ION ENGINES	· Occup. Litanteo
	T-74 ENGINE	. , , ion change	

ENGINES-(CONT.)	ENTERPRISE (ORBITER)-(CONT.)	EPHEN	ERIDES-(CONT.)
SUPERSONIC COMBUSTION	REUSABLE SPACECRAFT SPACE SHUTTLE ORBITERS	OT	. PLANET EPHEMERIDES
RAMJET ENGINES TURBORAMJET ENGINES	ENTERPRISE (ORBITER)	RT	ASTRONOMICAL CATALOGS CELESTIAL MECHANICS
T-63 ENGINE	RT MANNED SPACE FLIGHT		EPHEMERIS TIME
T-76 ENGINE	∞ SPACECRAFT		ORBITS
TURBOJET ENGINES	& OF ACCOMANT		POSITION (LOCATION)
BRISTOL-SIDDELEY OLYMPUS	ENTHALPY-ENTROPY DIAGRAMS		r comen (25 cm)
593 ENGINE	USE MOLLIER DIAGRAM	FOUAT	TONS OF MOTION
BRISTOL-SIDDELEY VIPER	OSE MOCCIEN DIAGRAM	UF	MOTION EQUATIONS
ENGINE	ENTRAINMENT	GS	EQUATIONS OF MOTION
DUCTED FAN ENGINES	RT AERATION		. EULER EQUATIONS OF MOTION
J-33 ENGINE	AEROSOLS		. KINETIC EQUATIONS
J-34 ENGINE	BLOWING		HYDRODYNAMIC EQUATIONS
J-47 ENGINE	COANDA EFFECT		HELMHOLTZ VORTICITY EQUATION
J-52 ENGINE	DISPERSING		KINEMATIC EQUATIONS
J-57 ENGINE J-57-P-20 ENGINE	SPRAYING		. NAVIER-STOKES EQUATION
J-65 ENGINE	SUSPENDING (MIXING)		REYNOLDS EQUATION
J-69-T-25 ENGINE		RT	AUTONOMY
J-71 ENGINE	∞ ENTRY		BETHE-SALPETER EQUATION
J-73 ENGINE	SN (USE OF A MORE SPECIFIC TERM IS		CELESTIAL MECHANICS
J-75 ENGINE	RECOMMENDED-CONSULT THE TERMS		CLASSICAL MECHANICS COMPUTATIONAL FLUID DYNAMICS
J-79 ENGINE	LISTED BELOW)		CONTINUITY EQUATION
J-85 ENGINE	RT ATMOSPHERIC ENTRY		CONTROL MOMENT GYROSCOPES
J-93 ENGINE	REENTRY		∞DYNAMICS
RA-28 ENGINE			EINSTEIN EQUATIONS
TURBOFAN ENGINES	ENTRY GUIDANCE (STS)		∞ EQUATIONS
BRISTOL-SIDDELEY BS 53	GS GUIDANCE (MOTION)		EQUILIBRIUM EQUATIONS
ENGINE CF-700 ENGINE	. ENTRY GUIDANCE (STS)		HAMILTON-JACOBI EQUATION
CONVERTIBLE FAN-SHAFT	RT ATMOSPHERIC ENTRY		INERTIA PRINCIPLE
ENGINES	FLIGHT CONTROL HYPERSONIC REENTRY		KINEMATICS
J-97 ENGINE	POINTING CONTROL SYSTEMS		LISSAJOUS FIGURES
TF-30 ENGINE	SPACE SHUTTLES		MACH INERTIA PRINCIPLE
TF-41 ENGINE	SPACE TRANSPORTATION SYSTEM		MOMENTS OF INERTIA
TURBOPROP ENGINES	FLIGHTS		MOTION AFTEREFFECTS SPINNING UNGUIDED ROCKET
T-34 ENGINE	SPACECRAFT REENTRY		TRAJECTORY
T-38 ENGINE	TERMINAL GUIDANCE		STABILITY
T-53 ENGINE			SYSTEMS STABILITY
T-56 ENGINE	ENVIRONMENT SIMULATION		TRAJECTORIES
T-64 ENGINE	GS SIMULATION		TRAJECTORY ANALYSIS
T-74 ENGINE T-78 ENGINE	. ENVIRONMENT SIMULATION		VARIABLE MASS SYSTEMS
TURBORAMJET ENGINES	ACOUSTIC SIMULATION		VON ZEIPEL METHOD
T-58 ENGINE	ALTITUDE SIMULATION		
T-58-GE-8B ENGINE	SPACE ENVIRONMENT SIMULATION	EQUATI	ONS OF STATE
. VARIABLE CYCLE ENGINES	WEIGHTLESSNESS SIMULATION	UF	STATE EQUATIONS
. VARIABLE STREAM CONTROL ENGINES	NEUTRAL BUOYANCY SIMULATION	GS	EQUATIONS OF STATE
RT AUXILIARY PROPULSION	. THERMAL SIMULATION RT ATMOSPHERIC ENTRY SIMULATION		. HUGONIOT EQUATION OF STATE
CARBURETORS	ATMOSPHERIC MODELS	RT	ADIABATIC EQUATIONS
COMBUSTION CHAMBERS	ENVIRONMENTAL TESTS		BBGKY HIERARCHY
DISPLACEMENT	FLIGHT SIMULATION		BOSE GEOMETRY
ENERGY CONVERSION EFFICIENCY			COMPRESSIBILITY
ENGINE STARTERS	ENVIRONMENT SIMULATORS		CONTINUITY EQUATION ∞EQUATIONS
ENGINE TESTING LABORATORIES	GS SIMULATORS		EQUILIBRIUM EQUATIONS
EXHAUST SYSTEMS EXPENDABLE STAGES (SPACECRAFT)	ENVIRONMENT SIMULATORS		IDEAL FLUIDS
FUEL CONSUMPTION	. LUNAR GRAVITY SIMULATOR		IDEAL GAS
FUEL SYSTEMS	SOLAR SIMULATORS		KINETIC THEORY
GEOTHERMAL ENERGY CONVERSION	SPACE SIMULATORS		MOLLIER DIAGRAM
HEAT SOURCES	HIGH VACUUM ORBITAL SIMULATOR		REAL GASES
IGNITION SYSTEMS	LANGLEY COMPLEX COORDINATOR		THERMODYNAMICS
LUBRICATION	RT TEST CHAMBERS		VIRIAL COEFFICIENTS
∞ MACHINERY			
MISSILE COMPONENTS	ENVIRONMENTAL CHAMBERS	∞ EQUILIB	RIUM
MOTORS	USE TEST CHAMBERS	SN	(USE OF A MORE SPECIFIC TERM IS
∞ POWER PLANTS PROPULSION	ENVIDONMENTAL TEOTO		RECOMMENDED-CONSULT THE TERMS
REACTION PRODUCTS	ENVIRONMENTAL TESTS GS ENVIRONMENTAL TESTS		LISTED BELOW)
SHUTDOWNS	. COLD WEATHER TESTS	RT	ACID BASE EQUILIBRIUM AEROSTATICS
SPEED REGULATORS	CORROSION TESTS		BALANCE
SUPERSONIC COMBUSTION	. CORROSION TEST LOOPS		BALANCING
THERMODYNAMIC EFFICIENCY	SALT SPRAY TESTS		BODY SWAY TEST
THERMODYNAMICS	. HIGH TEMPERATURE TESTS		CHEMICAL EQUILIBRIUM
TRANSPORTATION ENERGY	LOW TEMPERATURE TESTS		DIFFUSION
TURBINES	. UNDERWATER TESTS		DIFFUSION COEFFICIENT
∞ VEHICLES	. NEUTRAL BUOYANCY SIMULATION		DYNAMIC CHARACTERISTICS
	RT ASSET PROJECT		EQUILIBRIUM EQUATIONS
ENGLISH ELECTRIC CANBERRA AIRCRAFT	ELECTRONIC EQUIPMENT TESTS ENVIRONMENT SIMULATION		HEAT OF DISSOCIATION
USE CANBERRA AIRCRAFT	HIGH ALTITUDE TESTS		HOMEOSTASIS
	∞MATERIALS TESTS		ISOSTASY
ENSKOG-CHAPMAN THEORY	ORBITAL SPACE TESTS		LIQUID-VAPOR EQUILIBRIUM LOADS (FORCES)
USE CHAPMAN-ENSKOG THEORY	PHYSIOLOGICAL TESTS		MAXWELL-MOHR METHOD
	PSYCHOLOGICAL TESTS		NONEQUILIBRIUM CONDITIONS
ENSTROPHY	REVERBERATION CHAMBERS		ONSAGER RELATIONSHIP
USE VORTICITY	SPIN TESTS		PLASMA EQUILIBRIUM
	TEST CHAMBERS		RELAXATION (MECHANICS)
ENTERPRISE (ORBITER)	∞ TESTS		RELAXATION TIME
UF SPACE SHUTTLE ORBITER 101	THERMAL CYCLING TESTS		STABILITY
GS MANNED SPACECRAFT	THERMAL VACUUM TESTS		STABILIZATION
SPACE SHUTTLE ORBITERS	VIBRATION TESTS		STATICS
<b>Enterprise (Orbiter)</b> Reentry vehicles	EPHEMERIDES		STEADY STATE
. RECOVERABLE SPACECRAFT	GS EPHEMERIDES		SYSTEMS STABILITY
· ··	- LINEMENIALA		THERMODYNAMIC EQUILIBRIUM

### **EQUILIBRIUM EQUATIONS**

EULER-CAUCHY EQUATIONS-(CONT.)
RT COMPLEX VARIABLES
CONFORMAL MAPPING **FROSIVE BURNING** EQUILIBRIUM-(CONT.) COMBUSTION THERMODYNAMIC PROPERTIES
THERMODYNAMICS GS EROSIVE BURNING ∞ EQUATIONS BURNOUT ВŢ TRANSITION POINTS VECTOR ANALYSIS COMBUSTION TEMPERATURE DETERIORATION UNSTEADY STATE VARIABILITY EULER-LAGRANGE EQUATION

UF LAGRANGE EQUATIONS OF MOTION

CALCULUS OF VARIATIONS

CASTIGLIANO VARIATIONAL THEOREM

CLASSICAL MECHANICS EROSION WATER BALANCE EXHAUST GASES FUEL COMBUSTION EQUILIBRIUM EQUATIONS
RT ANALYSIS (MATHEMATICS) HYPERSONIC COMBUSTION OXIDATION ∞ EQUATIONS ∞ EQUATIONS PITTING EQUATIONS OF MOTION EQUATIONS OF STATE PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
TRIBOLOGY EXTREMUM VALUES ∞ EQUILIBRIUM **EULER-LAMBERT EQUATION** ERROR CORRECTING DEVICES EQUILIBRIUM FLOW STEADY STATE FLOW BCH CODES UF GS CORRECTION EUROPA LAUNCH VEHICLES . GAS FLOW ∞ DEVICES LAUNCH VEHICLES
LEUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE
EUROPA 2 LAUNCH VEHICLE
EUROPA 3 LAUNCH VEHICLE GS INSTRUMENT COMPENSATION EQUILIBRIUM FLOW FROZEN EQUILIBRIUM FLOW REDUNDANCY ENCODING SHIFTING EQUILIBRIUM FLOW EYRING THEORY
HEAT TRANSMISSION AT ESCAPE CAPSULES SAFETY DEVICES
ESCAPE CAPSULES EUROPA 4 LAUNCH VEHICLE ARIANE LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS NONEQUILIBRIUM FLOW PLASMA EQUILIBRIUM SPACE CAPSULES
ESCAPE CAPSULES
ABORT APPARATUS QUASI-STEADY STATES STEADY FLOW ABORTED MISSIONS EJECTION SEATS EMERGENCY LIFE SUSTAINING ∞ VEHICLES ∞ EQUIPMENT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS EUROPA 1 LAUNCH VEHICLE SYSTEMS ESCAPE LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES
EUROPA 1 LAUNCH VEHICLE GS LISTED BELOW) FLYING EJECTION SEATS HIGH ALTITUDE ENVIRONMENTS LAUNCH ESCAPE SYSTEMS APPARATUS ABORT APPARATUS UF ABSORBERS (EQUIPMENT)
ACCUMULATORS (COMPUTERS)
AIR CONDITIONING EQUIPMENT LUNAR ESCAPE DEVICES PARACONE **EUROPA 2 LAUNCH VEHICLE** LAUNCH VEHICLES
. EUROPA LAUNCH VEHICLES GS PRESSURIZED CABINS AIRBORNE EQUIPMENT AIRCRAFT EQUIPMENT EUROPA 2 LAUNCH VEHICLE AIRCRAFT EQUIPMENT
AIRPORT SURFACE DETECTION
EQUIPMENT
AUDIO EQUIPMENT
AUTOMATIC TEST EQUIPMENT
BEDDING EQUIPMENT
BOMBING EQUIPMENT
BOMBING EQUIPMENT COS-B SATELLITE RΤ ESCAPE ROCKETS SAFETY DEVICES
. ESCAPE ROCKETS
ABORT APPARATUS **EUROPA 3 LAUNCH VEHICLE** LAUNCH VEHICLES
. EUROPA LAUNCH VEHICLES
. EUROPA 3 LAUNCH VEHICLE ABORTED MISSIONS ∞ ESCAPE BREATHING APPARATUS COMMUNICATION EQUIPMENT ESCAPE (ABANDONMENT) LAUNCH ESCAPE SYSTEMS EUROPA 4 LAUNCH VEHICLE LAUNCH VEHICLES
EUROPA LAUNCH VEHICLES COMPUTER STORAGE DEVICES LUNAR ESCAPE DEVICES ∞ ROCKETS CRYOGENIC COMPUTER STORAGE CRYOGENIC EQUIPMENT SPACECRAFT EUROPA 4 LAUNCH VEHICLE CHYOGENIC EQUIPMENT
DATA PROCESSING EQUIPMENT
DISTILLATION EQUIPMENT
ELECTROMECHANICAL DEVICES
ELECTROMIC EQUIPMENT
GROUND SUPPORT EQUIPMENT ESG (GYROSCOPES)
USE ELECTROSTATIC GYROSCOPES **EUROPEAN AIRBUS** AIRBUS COMMERCIAL AIRCRAFT . EUROPEAN AIRBUS **ETALONS** A-300 AIRCRAFT A-310 AIRCRAFT A-320 AIRCRAFT MEASURING INSTRUMENTS . INTERFEROMETERS HANDLING EQUIPMENT HARDWARE HEATING EQUIPMENT . ETALONS
OPTICAL MEASURING INSTRUMENTS JET AIRCRAFT EUROPEAN AIRBUS HYDRAULIC EQUIPMENT LABORATORY EQUIPMENT ETALONS A-300 AIRCRAFT A-310 AIRCRAFT A-320 AIRCRAFT MIRRORS ETALONS LIGHTING EQUIPMENT MECHANICAL DEVICES MEDICAL EQUIPMENT OPTICAL EQUIPMENT OPTICAL MEASURING INSTRUMENTS . ETALONS PASSENGER AIRCRAFT EUROPEAN AIRCHAFT

A-300 AIRCRAFT

A-310 AIRCRAFT

A-320 AIRCRAFT MEDICAL EQUIPMENT
MINIATURE ELECTRONIC EQUIPMENT
ONBOARD EQUIPMENT
PERIPHERAL EQUIPMENT (COMPUTERS) DIFFRACTOMETERS
FABRY-PEROT INTERFEROMETERS
FLATNESS RT PHOTOGRAPHIC EQUIPMENT PNEUMATIC EQUIPMENT PORTABLE EQUIPMENT TRANSPORT AIRCRAFT
SHORT HAUL AIRCRAFT
EUROPEAN AIRBUS GONIOMETERS
OPTICAL MEASUREMENT RADAR EQUIPMENT PHOTOGONIOMETERS . A-300 AIRCRAFT . A-310 AIRCRAFT RIGGING SAFETY DEVICES REFLECTORS RONCHI TEST A-320 AIRCRAFT SELF ERECTING DEVICES SERVICE LIFE SPACECRAFT EQUIPMENT SAGNAC EFFECT ∞ AIRCRAFT
INTERNATIONAL COOPERATION SPECULAR REFLECTION TELESCOPES SURVIVAL EQUIPMENT SYRINGES VERY LONG BASE INTERFEROMETRY **∞ EVACUATING** (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS TELEVISION EQUIPMENT GS EQUATIONS OF MOTION ∞ TEST EQUIPMENT WIND TUNNEL APPARATUS HECOMMENDED CONSOLY THE FLISTED BELOW)
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM) EULER EQUATIONS OF MOTION X RAY APPARATUS EQUATIONS HYDRODYNAMICS MOMENTS OF INERTIA
PRIMITIVE EQUATIONS **ER FLUIDS** ELECTRORHEOLOGICAL FLUIDS **EVACUATING (TRANSPORTATION)** (LIMITED TO CLEARANCE OF PERSONNEL, ANIMALS, OR MATERIAL FROM A GIVEN LOCALITY) C-9 AIRCRAFT CASUALTIES RIGID STRUCTURES ERECTION CONSTRUCTION **EULER-CAUCHY EQUATIONS** ANALYSIS (MATHEMATICS)
. REAL VARIABLES FROOMETERS CIVIL DEFENSE DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
EULER-CAUCHY EQUATIONS

**EJECTION** 

ELIMINATION

GS

RT

MEASURING INSTRUMENTS

**ERGOMETERS** 

DYNAMOMETERS

EVACUATING (TRANSPORTATION)-(CONT.)	EXHAUST FLOW SIMULATION	EXHAUST SYSTEMS-(CONT.)
∞ EVACUATING	GS SIMULATION	PLENUM CHAMBERS PORTS (OPENINGS)
HOSPITALS	. EXHAUST FLOW SIMULATION ATMOSPHERIC ENTRY SIMULATION	ROCKET EXHAUST
MOBILE QUARANTINE FACILITY	RT FLOW DISTRIBUTION	∞SYSTEMS
REMOVAL TRANSPORTATION	MATHEMATICAL MODELS	TEMPERATURE CONTROL
UNLOADING	WIND TUNNELS	VENTILATION
CHECHENTO		VENTILATORS
EVACUATING (VACUUM)	EXHAUST GASES	VENTS
UF GAS EVACUATING	UF EXHAUST JETS	WASTE DISPOSAL
RT DRAINAGE	GS GASES	
EJECTION	. EXHAUST GASES	EXHAUST VELOCITY
ELIMINATION	FLUE GASES	GS RATES (PER TIME)
∞ EVACUATING	RT AIR POLLUTION	. EXHAUST VELOCITY VELOCITY
EXHAUSTING CAS POSKETS	∞ BLASTS	EXHAUST VELOCITY
GAS POCKETS PURGING	COMBUSTION EFFICIENCY COMBUSTION PRODUCTS	RT ACOUSTIC VELOCITY
REMOVAL	DILUENTS	CRITICAL VELOCITY
SUCTION	EFFLUENTS	EXPULSION
VACUUM	ENVIRONMENT EFFECTS	FLOW VELOCITY
VACUUM PUMPS	EROSIVE BURNING	
VENTING	EXHAUST CLOUDS	EXHAUSTING
VENTS	EXHAUSTING	RT BLOWING
	FUMES	BREATHING VIBRATION
EVANESCENCE	GAS MIXTURES	CONSUMPTION DECONTAMINATION
RT EVAPORATION	GAS RECOVERY INFRARED SUPPRESSION	∞ DISCHARGE
SURFACE PROPERTIES TRANSPIRATION	JET BLAST EFFECTS	DISPERSING
INANGFINATION	JET EXHAUST	DISPOSAL
EVAPORATION RATE	NOZZLE FLOW	DISSIPATION
GS RATES (PER TIME)	ODORS	EJECTION
EVAPORATION RATE	PARTICULATES	ELIMINATION
RT HEAT TRANSFER COEFFICIENTS	POLLUTION TRANSPORT	EVACUATING (VACUUM)
	PROPULSION	EXHAUST GASES
EVAPORATIVE COOLING	REACTION PRODUCTS	EXHAUST SYSTEMS
GS COOLING	ROCKET EXHAUST	RELIEVING REMOVAL
EVAPORATIVE COOLING	SMOG SMOKE	VENTILATION
FILM COOLING	SMOKE ABATEMENT	VENTING
SWEAT COOLING	VAPORS	
RT COOLING SYSTEMS CRYOGENIC FLUID STORAGE	WASTE DISPOSAL	EXOS SOUNDING ROCKET
EVAPORATION	WASTE ENERGY UTILIZATION	GS ROCKET VEHICLES
PROPELLANT EVAPORATION	WASTES	. MULTISTAGE ROCKET VEHICLES
SURFACE COOLING		EXOS SOUNDING ROCKET
	EXHAUST JETS	. SOUNDING ROCKETS
EVAPOROGRAPHY	USE EXHAUST GASES	EXCS SOUNDING ROCKET
RT EVAPORATION		RT HONEST JOHN ROCKET VEHICLE NIKE-AJAX MISSILE
IMAGES	EXHAUST NOZZLES	SOLID PROPELLANT ROCKET ENGINES
INFRARED RADIATION	GS EXHAUST NOZZLES	XM-33 ENGINE
PHOTOGRAPHY	. CONVERGENT-DIVERGENT NOZZLES	,,,,, oo 2,,,a,,,2
	. PLUG NOZZLES	EXOTHERMIC REACTIONS
EXCHANGERS	. SPIKE NOZZLES . TURBINE EXHAUST NOZZLES	GS CHEMICAL REACTIONS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS		EXOTHERMIC REACTIONS
LISTED BELOW)	ANNULAR NOZZLES	RT ASSOCIATION REACTIONS
RT HEAT EXCHANGERS	BASE HEATING	COMBUSTION
	CONICAL NOZZLES	COMBUSTION CHEMISTRY
EXCHANGING	DIVERGENT NOZZLES	ENDOTHERMIC REACTIONS
GS EXCHANGING	EJECTORS	INCENDIARY AMMUNITION PYROLYSIS
. CHARGE EXCHANGE	∞FLOW INFRARED SUPPRESSION	THERMAL DECOMPOSITION
. RESONANCE CHARGE EXCHANGE	INLET NOZZLES	
. GAS EXCHANGE	JET ENGINES	EXPANSION WAVES
. ION EXCHANGING	∞JET NOZZLES	USE ELASTIC WAVES
. SPIN EXCHANGE RT ∞CONVERSION	NOZZLE FLOW	
DEIONIZATION	NOZZLE INSERTS	EXPENDABLE STAGES (SPACECRAFT)
∞ SEPARATION	∞ NOZZLES	RT BOOSTER RECOVERY
∞ SHIFT	OPENINGS OUTLETS	BOOSTER ROCKET ENGINES
TRANSFERRING	OUTLETS ROCKET ENGINES	ENGINES
	SKIRTS	MULTISTAGE ROCKET VEHICLES
EXECUTIVE AIRCRAFT		RECOVERABLE SPACECRAFT REUSABLE SPACECRAFT
USE GENERAL AVIATION AIRCRAFT	EXHAUST SYSTEMS	ROCKET ENGINES
PASSENGER AIRCRAFT	RT AFTERBURNING	SPACE SHUTTLES
	AIR CONDITIONING	STAGE SEPARATION
EXHAUST DIFFUSERS	AIR POLLUTION	
RT CONICAL NOZZLES	BLOWERS	EXPERIMENTAL AIRCRAFT
EJECTORS	CHIMNEYS	USE RESEARCH AIRCRAFT
∞JET NOZZLES	CONDENSERS (LIQUEFIERS) COOLING SYSTEMS	
SUPERSONIC DIFFUSERS	DUCTS	EXPERIMENTAL STOL TRANSPORT RSCH
VANELESS DIFFUSERS	DUST COLLECTORS	AIRPLANE
	EJECTORS	USE QUESTOL AIRCRAFT
EXHAUST EMISSION	ELIMINATION	
GS EMISSION	ENGINES	EXPLOSIONS
. EXHAUST EMISSION	EXHAUSTING	GS EXPLOSIONS
RT GAS-GAS INTERACTIONS	FLUES  FUEL TANK PRESSURIZATION	. AERIAL EXPLOSIONS . CHEMICAL EXPLOSIONS
GAS-METAL INTERACTIONS HIGH TEMPERATURE GASES	FUEL TANK PRESSURIZATION INTAKE SYSTEMS	. GAS EXPLOSIONS
INFRARED RADIATION	INTERNAL COMBUSTION ENGINES	. NUCLEAR EXPLOSIONS
JET EXHAUST	MANIFOLDS	. THERMONUCLEAR EXPLOSIONS
PARTICLE EMISSION	MUFFLERS	. UNDERGROUND EXPLOSIONS
POLLUTION TRANSPORT	OPENINGS	. UNDERWATER EXPLOSIONS
RELEASING	OUTLETS	RT ACCIDENTS
THERMAL EMISSION	PIPE NOZZLES	BACKFIRE

# **EXPLOSIVE DECOMPRESSION**

EVDI 04	HONS-(CONT.)	FXTERN	AL SURFACE CURRENTS-(CONT.)	F-4 Alf	PCRAFT-(CONT.)
EXPLOS	BLAST LOADS	EXILINA	SYSTEM GENERATED		J-79 ENGINE
	∞BLASTS		ELECTROMAGNETIC PULSES		RF-4 AIRCHAFT
	BURSTS				
	COMBUSTION	EXTERN	AL TANKS	F-5 Alf	RCRAFT
	DETONATION	GS	TANKS (CONTAINERS)	UF	FREEDOM FIGHTER AIRCRAFT
	∞ DISCHARGE		. EXTERNAL TANKS		N-156 AIRCRAFT
	EXPLOSIVE DECOMPRESSION	RT	FUEL TANKS	GS	ATTACK AIRCRAFT
	EXPLOSIVES		NACELLES		. FIGHTER AIRCRAFT
	FIRES		PROPELLANT TANKS		F-5 AIRCRAFT
	FLAME PROPAGATION		SPACE SHUTTLE ASCENT STAGE		COIN AIRCRAFT
	∞FLASH		STORAGE TANKS		. F-5 AIRCRAFT
	FLASHBACK		WING TANKS		JET AIRCRAFT . F-5 AIRCRAFT
	HAZARDS HYDROCARBON COMBUSTION	EVTERN	NI V BI OWN ELABO		MONOPLANES
	IMPLOSIONS		ALLY BLOWN FLAPS		. F-5 AIRCRAFT
	REACTOR SAFETY	UF	BLOWN FLAPS EBF		NORTHROP AIRCRAFT
	RIEMANN WAVES	GS	AIRFOILS		. F-5 AIRCRAFT
	SAFETY	do	. FLAPS (CONTROL SURFACES)		OBSERVATION AIRCRAFT
	SHOCK WAVES		EXTERNALLY BLOWN FLAPS		F-5 AIRCRAFT
	SOUND PRESSURE		UPPER SURFACE BLOWN FLAPS		RECONNAISSANCE AIRCRAFT
	SPONTANEOUS COMBUSTION		CONTROL SURFACES		. F-5 AIRCRAFT
	WARNING SYSTEMS		. FLAPS (CONTROL SURFACES)		SUPERSONIC AIRCRAFT
			EXTERNALLY BLOWN FLAPS		. F-5 AIRCRAFT
EVBLOS	NVE DECOMPRESSION		UPPER SURFACE BLOWN FLAPS	RT	∞ AIRCRAFT
GS	PRESSURE REDUCTION	RT	JET FLAPS		
us	EXPLOSIVE DECOMPRESSION		LIFT	F-8 AIF	RCRAFT
RT	EXPLOSIONS		LIFT DEVICES	UF	CRUSADER AIRCRAFT
111	IMPLOSIONS		POWERED LIFT AIRCRAFT		F8U AIRCRAFT
	PRESSURE RECOVERY		SHORT TAKEOFF AIRCRAFT		RF-8 AIRCRAFT
	PRESSURIZED CABINS		SPANWISE BLOWING	GS	ATTACK AIRCRAFT
			WING FLAPS		. FIGHTER AIRCRAFT
EVELO	SIVE GASES		WING NACELLE CONFIGURATIONS		F-8 AIRCRAFT
USE	FLAMMABLE GASES				JET AIRCRAFT
USE	PEARMADEL GAGES	EXTINGL			. F-8 AIRCRAFT
5V5411.5	10H DI ADDEDO	USE	FIRE EXTINGUISHERS		LING-TEMCO-VOUGHT AIRCRAFT
	HON BLADDERS				. F-8 AIRCRAFT
GS	DIAPHRAGMS (MECHANICS)	EXTINGL	ISHING		MONOPLANES
	. EXPULSION BLADDERS	UF	FLAME QUENCHING		. F-8 AIRCRAFT
RT	BELLOWS	GS	EXTINGUISHING		SINGLE ENGINE AIRCRAFT
	EJECTION		, FLAMEOUT		. F-8 AIRCRAFT
	EMPTYING	RT	BURNOUT		SUPERSONIC AIRCRAFT
	EXPANDABLE STRUCTURES		COMBUSTION		F-8 AIRCRAFT
	FUEL TANK PRESSURIZATION		EXTINCTION	RT	∞ AIRCRAFT
	FUEL TANKS		OCCULTATION		
	PRESSURIZING	۰	QUENCHING	F-9 Alf	RCRAFT
	PROPELLANT STORAGE		QUENCHING (COOLING)	UF	COUGAR AIRCRAFT
	PROPELLANT TANKS				F9F AIRCRAFT
	STORAGE TANKS	EYRING	THEORY		PANTHER AIRCRAFT
		GS	KINETIC THEORY	GS	ATTACK AIRCRAFT
	COMETERS		. TRANSPORT THEORY		. FIGHTER AIRCRAFT
UF	DILATOMETERS		EYRING THEORY		F-9 AIRCRAFT
GS	MEASURING INSTRUMENTS	AT	EQUILIBRIUM FLOW		GRUMMAN AIRCRAFT
_	EXTENSOMETERS		FLUID DYNAMICS		F-9 AIRCRAFT
RŤ	DEFORMETERS	ه	THEORIES		JET AIRCRAFT
	DILATOMETRY				. F-9 AIRCRAFT
	ELASTOMETERS				MONOPLANES
	MECHANICAL MEASUREMENT				. F-9 AIRCRAFT
	STRAIN GAGES		F		SINGLE ENGINE AIRCRAFT
	STRESS MEASUREMENT		•		. F-9 AIRCRAFT
	TENSOMETERS			AT	∞ AIRCRAFT
	THERMAL EXPANSION TRANSDUCERS	F-2 AIRC	RAFT		
	THANSDUCERS	UF	HAWKER HUNTER AIRCRAFT		IRCRAFT
			HUNTER F-2 AIRCRAFT	GS	ATTACK AIRCRAFT
	NAL COMBUSTION ENGINES	GS	ATTACK AIRCRAFT		. FIGHTER AIRCRAFT
GS	ENGINES		. FIGHTER AIRCRAFT		. F-94 AIRCRAFT
	EXTERNAL COMBUSTION ENGINES		F-2 AIRCRAFT		JET AIRCRAFT
	. STIRLING ENGINES		HAWKER SIDDELEY AIRCRAFT		, F-94 AIRCRAFT LOCKHEED AIRCRAFT
ĦΤ	AUTOMOBILE ENGINES		. F-2 AIRCRAFT		
	BOILERS GAS TURBINE ENGINES		JET AIRCRAFT		. F-94 AIRCRAFT MONOPLANES
			. F-2 AIRCRAFT		F-94 AIRCRAFT
	INTERNAL COMBUSTION ENGINES PISTON ENGINES		MONOPLANES		SINGLE ENGINE AIRCRAFT
	PISTON ENGINES		. F-2 AIRCRAFT		F-94 AIRCRAFT
		RT a	• AIRCRAFT	AT	∞ AIRCRAFT
	NAL STORE SEPARATION				@AITOTAF1
UF	STORE RELEASE	F-4 AIRC			PEROT INTERFEROMETERS
RT	NACELLES	UF	F-110 AIRCRAFT		PEROT INTERFEROMETERS
	PODS (EXTERNAL STORES)		F4H AIRCRAFT	GS	MEASURING INSTRUMENTS
	PROTUBERANCES	GS	ATTACK AIRCRAFT		. INTERFEROMETERS FABRY-PEROT INTERFEROMETERS
	∞ SEPARATION		. FIGHTER AIRCRAFT	RT	ETALONS
	∞ STORAGE		. F-4 AIRCRAFT	RI	MICROWAVE INTERFEROMETERS
	WING TANKS		JET AIRCRAFT		PLASMA DIAGNOSTICS
	WING-FUSELAGE STORES		. PHANTOM AIRCRAFT		LIGHT DINGITOOTIO
			. F-4 AIRCRAFT	F1851	PEROT CRECTROMETERS
EXTER	NAL SURFACE CURRENTS		MCDONNELL DOUGLAS AIRCRAFT		FPEROT SPECTROMETERS
GS	ELECTRIC CURRENT		MCDONNELL AIRCRAFT	GS	MEASURING INSTRUMENTS
	. EXTERNAL SURFACE CURRENTS		PHANTOM AIRCRAFT		RADIATION MEASURING INSTRUMENTS
RT	∞ CURRENTS		F-4 AIRCRAFT		FABRY-PEROT SPECTROMETERS
	ELECTRIC FIELDS		MONOPLANES		. SPECTROMETERS
	ELECTROMAGNETIC FIELDS		. PHANTOM AIRCRAFT		FABRY-PEROT SPECTROMETERS
	ELECTROMAGNETIC PULSES		F-4 AIRCRAFT	RT	ACTINOMETERS
	LEVITATION MELTING		SUPERSONIC AIRCRAFT		AIRGLOW
	PHOTOELECTRIC EMISSION		. PHANTOM AIRCRAFT		AURORAL SPECTROSCOPY
	SPACECRAFT CHARGING		F-4 AIRCRAFT		OPTICAL EQUIPMENT
	∞ SURFACES	RT	∞ AIRCRAFT		OPTICAL MEASURING INSTRUMENTS

FEEDBACK-(CONT.) FALLING SPHERES
GS SYMMETRICAL BODIES **FACETS** ELECTROMAGNETIC INTERFERENCE EMOTIONAL FACTORS FLAT SURFACES USE . BODIES OF REVOLUTION OSCILLATIONS OSCILLATORS SYSTEMS SPHERES . FACILITIES FALLING SPHERES es (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS SN TRANSFER FUNCTIONS DROP TOWERS LISTED BELOW LISTED BELOW)
AIRPORTS
ELECTRIC POWER PLANTS
GROUND HANDLING
INDUSTRIAL AREAS
INDUSTRIAL PLANTS
LAND USE RT **GLOBULES** FEEDBACK CONTROL CLOSED LOOP SYSTEMS
AUTOMATIC CONTROL
FEEDBACK CONTROL
CASCADE CONTROL
ADAPTIVE CONTROL
ADAPTIVE OPTICS RAINDROPS SPHEROIDS GS FAN IN WING AIRCRAFT FAN IN WING AIRCRAFT
. XV-5 AIRCRAFT RT LAUNCHING BASES LOGISTICS LOGISTICS MANAGEMENT AUTOMATIC FREQUENCY CONTROL AUTOMATIC GAIN CONTROL AUTOMATION ∞ AIRCRAFT ЯT LIFT FANS MILITARY AIR FACILITIES
MOBILE QUARANTINE FACILITY
RESEARCH FACILITIES RESEARCH AIRCRAFT SHORT TAKEOFF AIRCRAFT TILT WING AIRCRAFT BIOFEEDBACK CONTROL EQUIPMENT ROADS SITE SELECTION V/STOL AIRCRAFT VERTICAL TAKEOFF AIRCRAFT CONTROL EQUIPMENT
CONTROL SYSTEMS DESIGN
CONTROL THEORY
DISTRIBUTED FEEDBACK LASERS
DYNAMIC CONTROL
ELECTRONIC CONTROL
KALMAN-SCHMIDT FILTERING
KALMAN-SCHMIDT FILTERING SOLAR CELL CALIBRATION FACILITY FANLIFT DEVICES STATIONS TERMINAL FACILITIES LIFT FANS TEST FACILITIES
X RAY ASTROPHYSICS FACILITY ∞ FANS LINEAR QUADRATIC GAUSSIAN CONTROL LINEAR QUADRATIC REGULATOR (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN FAIRCHILD MILITARY AIRCRAFT
USE FAIRCHILD-HILLER AIRCRAFT LISTED BELOW)
ACTUATOR DISKS MACHINE LEARNING MODEL REFERENCE ADAPTIVE MILITARY AIRCRAFT ЯT AIR CONDITIONING EQUIPMENT AIR DUCTS
ANTENNA RADIATION PATTERNS NEGATIVE FEEDBACK NONLINEAR FEEDBACK FAIRCHILD-HILLER AIRCRAFT LO-HILLER AIRCRAFT
FAIRCHILD MILITARY AIRCRAFT
FAIRCHILD-HILLER AIRCRAFT
C-119 AIRCRAFT
C-123 AIRCRAFT BLOWERS OBSERVABILITY (SYSTEMS) GS COMPRESSOR ROTORS COMPRESSORS OBSERVABILITY (SYSTEMS)
OPTIMAL CONTROL
PROPORTIONAL CONTROL
ROBUSTNESS (MATHEMATICS)
SAMPLED DATA SYSTEMS
SERVOCONTROL DUCTED FANS OH-5 HELICOPTER OH-23 HELICOPTER FAN BLADES PROPELLER FANS XC-142 AIRCRAFT SERVOMECHANISMS RT ∞ AIRCRAFT VENTILATION FANS WIND TUNNEL DRIVES SISO (CONTROL SYSTEMS)
STABILITY AUGMENTATION
TERMINAL CONFIGURED VEHICLE **FAIREY AIRCRAFT** FAIREY AIRCRAFT
. FD 2 AIRCRAFT
. AIRCRAFT FBM (MISSILES)
USE FLEET BALLISTIC MISSILES GS PROGRAM TRACKING PROBLEM FD 2 AIRCRAFT FEEDING (SUPPLYING)
RT FEED SYSTEMS FAIREY DELTA 2 AIRCRAFT
FAIREY AIRCRAFT **FAIREY DELTA 2 AIRCRAFT** GS FD 2 AIRCRAFT FEEDERS FD 2 AIRCRAFT INJECTION INPUT JET AIRCRAFT
. FD 2 AIRCRAFT FAIRINGS ∞ LOADING SYMMETRICAL BODIES MONOPLANES
FD 2 AIRCRAFT
RESEARCH AIRCRAFT GS MATERIALS HANDLING STREAMLINED BODIES FELLOWSHIP AIRCRAFT
USE F-28 TRANSPORT AIRCRAFT AERODYNAMIC CONFIGURATIONS . FD 2 AIRCRAFT TAILLESS AIRCRAFT . FD 2 AIRCRAFT AIRCRAFT STRUCTURES CANOPIES COWLINGS ∞ AIRCRAFT DELTA WINGS RT ∞ FENCES FILLETS HOUSINGS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW) LANDING GEAR FDL-5 REENTRY VEHICLE **NACELLES** LIFTING BODIES RT AIRFOIL FENCÉS GS OGIVES
PERFORATED SHELLS
PROTECTORS LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE FENCES (BARRIERS)
TRACKING STATIONS REENTRY VEHICLES

MANEUVERABLE REENTRY BODIES PROTUBERANCES SHEATHS
SHELLS (STRUCTURAL FORMS) LIFTING REENTRY VEHICLES
FOL-S REENTRY VEHICLE FERMI LIQUIDS LIQUIDS GS ∞ SPINNERS STREAMLINING CRYOGENIC FLUIDS FERMI LIQUIDS WING ROOTS **FEATHERING** BT CRYOGENICS PROPELLER BLADES **PROPELLERS** FALCON MISSILE **FERROFLUIDS** MISSILES
. AIR TO AIR MISSILES LIQUIDS FEED SYSTEMS FERROFLUIDS
MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
FERROFLUIDS COLD FLOW TESTS . FALCON MISSILE
ANTIAIRCRAFT MISSILES
. FALCON MISSILE FEEDING (SUPPLYING)
FUEL TANKS INTAKE SYSTEMS M-46 ENGINE SOLID PROPELLANT ROCKET ENGINES DISPERSIONS PUMPS ∞ FLUIDS MICROPARTICLES ∞ SYSTEMS SUSPENDING (MIXING)

∞ SUSPENSIONS

WORKING FLUIDS **FALKNER-SKAN EQUATION FEEDBACK** ANALYSIS (MATHEMATICS)
. REAL VARIABLES
.. DIFFERENTIAL EQUATIONS FEEDBACK GS BIOFEEDBACK . SENSORY FEEDBACK NEGATIVE FEEDBACK FALKNER-SKAN EQUATION
BLASIUS EQUATION
BOUNDARY LAYER SEPARATION FFAR ROCKET VEHICLE FOLDING FIN AIRCRAFT ROCKET VEHICLE . NONLINEAR FEEDBACK . POSITIVE FEEDBACK COMPENSATORS ВŤ ∞ EQUATIONS LAMINAR FLOW PRANDTL-MEYER EXPANSION RT COMPLEXITY

CONTROL THEORY CYBERNETICS

WEDGE FLOW

FH-1100 HELICOPTER

OH-5 HELICOPTER

## FIAT AIRCRAFT

E147 410004E7	FIGURED AIRCRAFT. (CONT.)	ENVITE ELEMENT METHOD (CONT.)
FIAT AIRCRAFT	FIGHTER AIRCRÁFT-(CONT.)     MILITARY AVIATION	FINITE ELEMENT METHOD-(CONT.) ITERATIVE SOLUTION
GS FIAT AIRCRAFT . G-91 AIRCRAFT	MRCA AIRCRAFT	MATRICES (MATHEMATICS)
. G-91 AIRCRAFT	PANAVIA MILITARY AIRCRAFT	matrices (matrices) ∞METHODOLOGY
. G-222 AIRCRAFT	SINGLE ENGINE AIRCRAFT	MINIMAL SURFACES
RT ∞AIRCRAFT	SUPERSONIC AIRCRAFT	MULTIGRID METHODS
TT WAITOTALL	TRAINING AIRCRAFT	NASTRAN
FIAT A AL AIRCRAFT	V/STOL AIRCRAFT	PANEL METHOD (FLUID DYNAMICS)
FIAT G-91 AIRCRAFT USE G-91 AIRCRAFT		PATCH TESTS
USE G-91 AINONAF1	FIGURE OF MERIT	SOLID MECHANICS
	RT ACCEPTABILITY	
FIAT G-95/4 AIRCRAFT	∞ ANALYZING	FINITE VOLUME METHOD
USE G-95/4 AIRCRAFT	CRITERIA	GS ANALYSIS (MATHEMATICS)
PIONO FOUNTION	EFFICIENCY	. NUMERICAL ANALYSIS
FICKS EQUATION RT DIFFUSION	EVALUATION	FINITE VOLUME METHOD
RT DIFFUSION DIFFUSION COEFFICIENT	MODULATION TRANSFER FUNCTION	PROCEDURES
∞ EQUATIONS	OPTICAL TRANSFER FUNCTION	. FINITE VOLUME METHOD
TAFEL LAW	∞ PERFORMANCE	RT BOUNDARY VALUE PROBLEMS
1711 646 52 114	Q FACTORS	∞ METHODOLOGY
FIELD ARMY BALLISTIC MISSILES	QUALITY SELECTION	TVD SCHEMES
GS MISSILES	VALUE	
BALLISTIC MISSILES	VALUE	FINNED BODIES
. FIELD ARMY BALLISTIC MISSILES	FILLETS	RT AERODYNAMIC CONFIGURATIONS
SUBROC MISSILE	RT FAIRINGS	∞ BODIES
RT INTERMEDIATE RANGE BALLISTIC	JOINTS (JUNCTIONS)	BODIES OF REVOLUTION COOLING FINS
MISSILES	SEAMS (JOINTS)	FINS
SHORT RANGE BALLISTIC MISSILES	WELDING	HEAT EXCHANGERS
	WEEDING	
FIELDS	FILM COOLING	MISSILE BODIES NOSE FINS
SN (USE OF A MORE SPECIFIC TERM IS	GS COOLING	PROJECTILES
RECOMMENDED-CONSULT THE TERMS	. EVAPORATIVE COOLING	SYMMETRICAL BODIES
LISTED BELOW)	. FILM COOLING	The state of the s
AT BOSON FIELDS	LIQUID COOLING	FINS
ELECTRIC FIELDS	. FILM COOLING	UF VERTICAL FINS
FIELD OF VIEW	RT LIQUID INJECTION	GS FINS
FIELD THEORY (ALGEBRA)	SURFACE COOLING	. COOLING FINS
FIELD THEORY (PHYSICS)	SWEAT COOLING	. NOSE FINS
GRAVITATIONAL FIELDS		RT AERIAL RUDDERS
MAGNETIC FIELDS MILITARY AIR FACILITIES	FINENESS	AIRFOILS
SELF CONSISTENT FIELDS	RT COARSENESS	AIRFRAMES
VISUAL FIELDS	FINENESS RATIO	∞ BLADES
VISUAL FICEUS	PARTICLE SIZE DISTRIBUTION	CONTROL SURFACES
FIGHTER AIRCRAFT	PURITY	FINNED BODIES
UF INTERCEPTOR AIRCRAFT	QUALITY	HYDROFOILS
GS ATTACK AIRCRAFT	SIZE (DIMENSIONS)	MISSILE COMPONENTS
. FIGHTER AIRCRAFT	TEXTURES	RUDDERS
. ALPHA JET AIRCRAFT		SAILS
F-2 AIRCRAFT	FINENESS RATIO	STABILIZERS (FLUID DYNAMICS) TAIL ASSEMBLIES
F-4 AIRCRAFT	GS RATIOS	VANES
. F-5 AIRCRAFT	. FINENESS RATIO	WINGLETS
F-8 AIRCRAFT	RT ASPECT RATIO DIMENSIONS	MINGLETO
F-9 AIRCRAFT	FINENESS	FIRE CONTROL
F-14 AIRCRAFT	OBLATE SPHEROIDS	SN (LIMITED TO CONTROL OF THE FIRING
. F-15 AIRCRAFT	SLENDER BODIES	OF WEAPONSEXCLUDES FIRE
F-16 AIRCRAFT	THICKNESS RATIO	PREVENTION AND FIRE FIGHTING)
F-17 AIRCRAFT	Wildings Tarris	RT BOMBING EQUIPMENT
F-18 AIRCRAFT	FINITE DIFFERENCE THEORY	∞ CONTROL
. F-20 AIRCRAFT	GS ANALYSIS (MATHEMATICS)	FIRING (IGNITING)
F-27 AIRCRAFT	. NUMERICAL ANALYSIS	GUNFIRE
. F-84 AIRCRAFT . F-86 AIRCRAFT	APPROXIMATION	GUNNERY TRAINING
. F-89 AIRCRAFT	FINITE DIFFERENCE THEORY	RANGE FINDERS
. F-94 AIRCRAFT	RT CRANK-NICHOLSON METHOD	WEAPON SYSTEMS
F-100 AIRCRAFT	DIFFERENCE EQUATIONS	WEAPONS
. F-101 AIRCRAFT	DIFFERENCES	
. F-102 AIRCRAFT	ESSENTIALLY NON-OSCILLATORY	FIRE DAMAGE
. F-104 AIRCRAFT	SCHEMES	GS DAMAGE
. , F-105 AIRCRAFT	EXTRAPOLATION	. FIRE DAMAGE
F-106 AIRCRAFT	FLUX VECTOR SPLITTING	RT ASHES CHARRING
F-111 AIRCRAFT	GRID GENERATION (MATHEMATICS)	
FV-12A AIRCRAFT	INTERPOLATION MULTIGRID METHODS	COMBUSTION FIRES
G-91 AIRCRAFT	SIGNIFICANCE	FLAMES
G-95/4 AIRCRAFT	∞THEORIES	FUMES
GA-5 AIRCRAFT	TIME MARCHING	SMOKE
HARRIER AIRCRAFT	TVD SCHEMES	SOOT
. JAGUAR AIRCRAFT	TVD SOTIEMES	3001
JET PROVOST AIRCRAFT MIG AIRCRAFT	FINITE ELEMENT METHOD	FIRE EXTINGUISHERS
MIRAGE AIRCRAFT	GS ANALYSIS (MATHEMATICS)	UF CHEMICAL EXTINGUISHERS
MIRAGE 3 AIRCRAFT	. NUMERICAL ANALYSIS	EXTINGUISHERS
P-51 AIRCRAFT	. APPROXIMATION	RT FIRE FIGHTING
P-1127 AIRCRAFT	FINITE ELEMENT METHOD	FIRE PREVENTION
. P-1154 AIRCRAFT	PROCEDURES	FIREBREAKS
SAAB 37 AIRCRAFT	FINITE ELEMENT METHOD	FIRES
SCIMITAR AIRCRAFT	RT ∞APPLICATIONS OF MATHEMATICS	FLAMMABILITY
VAMPIRE MK 35 AIRCRAFT	BOUNDARY VALUE PROBLEMS	FOAMS
VJ-101 AIRCRAFT	CHOLESKY FACTORIZATION	
YF-12 AIRCRAFT	COMPUTATIONAL FLUID DYNAMICS	FIRE FIGHTING
YF-16 AIRCRAFT	CONJUGATES	SN (EXCLUDES FIRE CONTROL—CONTROL
RT ∞AIRCRAFT	CRANK-NICHOLSON METHOD	OF THE FIRING OF WEAPONS)
HIGHLY MANEUVERABLE AIRCRAFT	FACTORIZATION FRANCISCO	RT BREATHING APPARATUS
∞INTERCEPTORS	FRACTURE MECHANICS	FIRE EXTINGUISHERS
JET AIRCRAFT	GRID GENERATION (MATHEMATICS)	FIRE PREVENTION
∞ MILITARY AIRCRAFT	ISOPARAMETRIC FINITE ELEMENTS	FIREBREAKS

	- (OOA)T.	=:==	CONT I	EI AME	IONIZATION
FIRE	FIGHTING-(CONT.)	FIRES-	(CONT.)	GS	IONIZATION
	FIRES		FIRE PREVENTION	ųs.	. GAS IONIZATION
	FLAMMABILITY		FIREBREAKS		FLAME IONIZATION
	FOAMS		FIRING (IGNITING)		PLAME IONIZATION
			FLAMES		
FIRE	POINT		FLASHBACK		PROBES
RT	FLAMMABILITY		HAZARDS	GS	MEASURING INSTRUMENTS
	FLASH POINT		SAFETY		. FLAME PROBES
	SPONTANEOUS COMBUSTION		SAINT ELMO FIRE	RT	GAS ANALYSIS
	of officerood composition		WARNING SYSTEMS		MANOMETERS
	PREVENTION				TEMPERATURE MEASURING
	PREVENTION	5,0,110	(ICHITINO)		INSTRUMENTS
SN	(EXCLUDES FIRE CONTROL-CONTROL		(IGNITING)		
	OF THE FIRING OF WEAPONS)	GS	FIRING (IGNITING)	FI AME	PROPAGATION
GS	PREVENTION		. ROCKET FIRING	UF	CHAPMAN JOUGET FLAME
	FIRE PREVENTION		RETROFIRING	O1	COMBUSTION WAVES
RT	ACCIDENT PREVENTION		. TEST FIRING		FLAME FRONTS
	EXPLOSION SUPPRESSION		STATIC FIRING		FLAME INTERACTION
	FIRE EXTINGUISHERS	RT	BURNING TIME		
	FIRE FIGHTING		DETONABLE GAS MIXTURES	GS	PROPAGATION (EXTENSION)
	FIREBREAKS		DETONATION		FLAME PROPAGATION
	FIREPROOFING		DRYING	RT	BACKFIRE
	FIRES		FIRE CONTROL		BOUNDARY LAYER COMBUSTION
	FLAME RETARDANTS		FIRES		BURNING RATE
	FOREST FIRES		FLAMMABLE GASES		COMBUSTIBLE FLOW
	HIGH PRESSURE OXYGEN		GUNFIRE		COMBUSTION
	SAFETY		IGNITION		COMBUSTION PHYSICS
	SAFETY DEVICES		STARTING		DAMKOHLER NUMBER
	SAFETY MANAGEMENT		STANTING		DETONATION
					DETONATION WAVES
	SMOKE DETECTORS	FIRING	TIME		EXPLOSIONS
	SPONTANEOUS COMBUSTION	USE	BURNING TIME		FLAMES
	WARNING				FLAMMABILITY
	WARNING SYSTEMS	E101 PP 4	II INC		FLAMMABILITY FLASHBACK
		FISHTA			
FIRE	RESISTANCE	USE	YAW		GAS EXPLOSIONS
USE					GAS-METAL INTERACTIONS
-		FIXED	WINGS		IGNITION
FIRE	RETARDANTS	UF	FIXED-WING AIRCRAFT		PREMIXED FLAMES
		GS	AIRFOILS		PRESSURE OSCILLATIONS
USE	FLAME RETARDANTS		. WINGS		PRESSURE PULSES
			. FIXED WINGS		∞ PROPAGATION
	BEE 2 TARGET DRONE AIRCRAFT	RT	CAMBERED WINGS		
GS	DRONE VEHICLES	П	CRUCIFORM WINGS	FLAME	QUENCHING
	. DRONE AIRCRAFT		FLEXIBLE WINGS	USE	EXTINGUISHING
	TARGET DRONE AIRCRAFT			OOL	QUENCHING (COOLING)
	FIREBEE 2 TARGET DRONE		LOW ASPECT RATIO WINGS		QUENCHING (COOLING)
	AIRCRAFT		RIGID WINGS		
	LIGHT AIRCRAFT		SLENDER WINGS		RETARDANTS
	FIREBEE 2 TARGET DRONE AIRCRAFT		SWEPT WINGS	UF	FIRE RETARDANTS
	PILOTLESS AIRCRAFT		THIN WINGS	GS	RETARDANTS
	. DRONE AIRCRAFT		TWISTED WINGS		. FLAME RETARDANTS
	TARGET DRONE AIRCRAFT		UNCAMBERED WINGS	RT	ANTIMISTING FUELS
	FIREBEE 2 TARGET DRONE		UNSWEPT WINGS		FABRICS
	AIRCRAFT				FIRE PREVENTION
		EIVED	WING AIRCRAFT		FLAMMABILITY
	RESEARCH AIRCRAFT	USE	AIRCRAFT CONFIGURATIONS		IGNITION LIMITS
	. FIREBEE 2 TARGET DRONE AIRCRAFT	USE	FIXED WINGS		INORGANIC COMPOUNDS
	RYAN AIRCRAFT		FIXED WINGS		POLYBROMINATED BIPHENYLS
	. FIREBEE 2 TARGET DRONE AIRCRAFT				SYNTHETIC FIBERS
	SUPERSONIC AIRCRAFT	FLAME	CALORIMETERS		CHAINE HO HIDEHO
	FIREBEE 2 TARGET DRONE AIRCRAFT	GS	MEASURING INSTRUMENTS	F1 AME	SPRAYING
RT	∞ AIRCRAFT		. CALORIMETERS		
	∞ MILITARY AIRCRAFT		FLAME CALORIMETERS	GS	SPRAYING
	TARGETS	RT	BOMB CALORIMETERS		. FLAME SPRAYING
	∞ WINGED VEHICLES		DROP CALORIMETERS	RT	COATING
			HEAT MEASUREMENT		COATINGS
FIRE	BREAKS		HIGH TEMPERATURE TESTS		METAL SPRAYING
AT	CLEARINGS (OPENINGS)		TEMPERATURE MEASURING		METALLIZING
• • • •	COMBUSTION		INSTRUMENTS		PLASMA SPRAYING
	CONSERVATION				
	FIRE EXTINGUISHERS			FLAME	STABILITY
	FIRE FIGHTING		DEFLECTORS	GS	DYNAMIC CHARACTERISTICS
	FIRE PREVENTION	GS	DEFLECTORS		. DYNAMIC STABILITY
	FIRES		. FLAME DEFLECTORS		COMBUSTION STABILITY
		RT	BACKFIRE		FLAME STABILITY
	FLAMES FOREST FIRES		BAFFLES		. MOTION STABILITY
			BLAST DEFLECTORS		FLOW STABILITY
	FORESTS		DIVERTERS		FLAME STABILITY
			FLASHBACK		. FLOW CHARACTERISTICS
FIRE	PROOFING		LAUNCHING PADS		. FLOW CHARACTERISTICS
RT	FIRE PREVENTION		SAFETY DEVICES		
	NONFLAMMABLE MATERIALS		SHIELDING		FLAME STABILITY
	SAFETY		TEST STANDS		STABILITY
			720. 07.11.20		. DYNAMIC STABILITY
FIRE	R				COMBUSTION STABILITY
GS	FIRES		FRONTS		FLAME STABILITY
40	. FOREST FIRES	USE	FLAME PROPAGATION		MOTION STABILITY
RT	ACCIDENTS				FLOW STABILITY
ri i		FLAME	HOLDERS		FLAME STABILITY
	BACKFIRE	GS	HOLDERS	RT	FLAMEOUT
	BURNS (INJURIES)		FLAME HOLDERS		
	COMBUSTION	AT	COMBUSTION CHAMBERS	FLAME	TEMPERATURE
	CONTROL SURFACES	,	DUMP COMBUSTORS	GS	TEMPERATURE
	DEFLAGRATION		FLAMEOUT	GG	. FLAME TEMPERATURE
	EXPLOSIONS		FLAMES	DT	COMBUSTION CHEMISTRY
	EXPLOSIVES		LAMES	RT	
	FIBER RELEASE				COMBUSTION TEMPERATURE
	FIRE DAMAGE	FLAME	INTERACTION		
	FIRE EXTINGUISHERS	USE	CHEMICAL REACTIONS	FLAME	
	FIRE FIGHTING		FLAME PROPAGATION	UF	BLOWOFF (COMBUSTION)

#### **FLAMES**

FLAMEOUT-(CONT.) FLAPS (CONTROL SURFACES)-(CONT.) FLASHOVER-(CONT.) EXTINGUISHING FLAMEOUT GS FLAPERONS JET FLAPS COMBUSTION CHAMBERS SPLIT FLAPS WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
VORTEX FLAPS FLAT LAYERS FLATNESS FLAME HOLDERS ∞ LAYERS FLAME STABILITY
GAS TURBINE ENGINES PLANAR STRUCTURES STRATA JET ENGINES CONTROL SURFACES
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS STRATIFICATION **FLAMES** JET FLAMES LAMINAR FLAMES UF FLAT PLATES
GS STRUCTURAL MEMBERS FLAPERONS FLAT PLATES
ANNULAR PLATES GS DIFFUSION FLAMES
PREMIXED FLAMES RT SPLIT FLAPS
SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS BLASIUS EQUATION BLASIUS FLOW CIRCULAR PLATES COMBUSTION RT FIRE DAMAGE FIREBREAKS DYNAMIC STRUCTURAL ANALYSIS END PLATES FLATNESS FIRES ... VORTEX FLAPS
AERODYNAMIC BRAKES FLAME HOLDERS
FLAME PROPAGATION FLUID MECHANICS HEAT TRANSFER METAL PLATES BRAKES (FOR ARRESTING MOTION) ∞FLARES FOREST FIRES CONTROL
DELAYED FLAP APPROACH PARELS
PARALLEL PLATES
PLANAR STRUCTURES
PLATE THEORY **FUELS** DRAG DEVICES GAW-2 AIRFOIL LIFT DEVICES SMOG **FLAMMABILITY** SPOILERS COMBUSTIBILITY FIRE RESISTANCE ∞ PLATES ~SURFACES PLATES (STRUCTURAL MEMBERS) BURNING RATE RECTANGULAR PLATES FLARED BODIES ∞ SHEETS COMBUSTION DETONABLE GAS MIXTURES **AFTERBODIES** AIRCRAFT CONFIGURATIONS THICK PLATES
THIN PLATES FIRE EXTINGUISHERS FIRE FIGHTING SPACECRAFT CONFIGURATIONS SYMMETRICAL BODIES FLAME PROPAGATION FLAME RETARDANTS FLAMMABLE GASES FLAT SURFACES UF **FACETS** ∞ FLARES COSSERAT SURFACES FLASH POINT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS FLATNESS PLANAR STRUCTURES IGNITION LIMITS
IGNITION TEMPERATURE
PYROPHORIC MATERIALS LISTED BELOW) ∞ SURFACE GEOMETRY SURFACE PROPERTIES RT FLAMES FLARED BODIES ∞ SURFACES ILLUMINATING LIGHTING EQUIPMENT ∞ RESISTANCE SPONTANEOUS COMBUSTION LUMINAIRES FLAW DETECTION PYROTECHNICS RUNWAY LIGHTS NONDESTRUCTIVE TESTS FLAMMABLE GASES UF GS EXPLOSIVE GASES GASES SOLAR FLARES
SOLAR MAXIMUM MISSION
SOLAR TERRESTRIAL INTERACTIONS FLEET BALLISTIC MISSILES UF FBM (MISSILES) . FLAMMABLE GASES FBM (MISSILES)
MISSILES
SURFACE TO SURFACE MISSILES
FILEET BALLISTIC MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
POSEIDON MISSILE
SUBROC MISSILE
ALLISTIC MISSILE F SURMARINES GASEOUS FUELS LIQUEFIED NATURAL GAS STELLAR ACTIVITY STELLAR FLARES PYROGEN CHEMICAL EXPLOSIONS
DETONABLE GAS MIXTURES RT FLASH LAMPS FLASH TUBES LIGHTING EQUIPMENT **EXPLOSIVES** GS FIRING (IGNITING) FLASH LAMPS
. ALKALI VAPOR LAMPS GAS EXPLOSIONS BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
INTERCONTINENTAL BALLISTIC MISSILES RT **HAZARDS** LIGHT SOURCES XENON LAMPS RT FLAP CONTROL INTERMEDIATE RANGE BALLISTIC AIRCRAFT CONTROL FLAPS (CONTROL SURFACES) MISSILES SEA LAUNCHING FLASH POINT TEMPERATURE
IGNITION TEMPERATURE **FLAPERONS** . FLASH POINT
COMBUSTION TEMPERATURE
FIRE POINT FLEET SATELLITE COMMUNICATION SYSTEM UF FLEETSATCOM **AIRFOILS** RT AILERONS FLTSATCOM TELECOMMUNICATION **FLAPERONS** FLAMMABILITY GS FLAPS (CONTROL SURFACES)
. FLAPERONS DEFENSE COMMUNICATIONS
SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION IGNITION SPONTANEOUS COMBUSTION CONTROL SURFACES VAPOR PRESSURE SYSTEM
COMMUNICATION SATELLITES
MARISAT SATELLITES VOLATILITY FLAPERONS RT FLAPS (CONTROL SURFACES) FLASH TUBES MICROWAVE TRANSMISSION AERODYNAMIC BRAKES FLASH LAMPS MILITARY TECHNOLOGY NASCOM NETWORK **FLASHBACK FLAPPING** NAVY AIRFOIL OSCILLATIONS BACKFIRE RADIO COMMUNICATION FLUTTER
RESONANT VIBRATION
ROTOR AERODYNAMICS COMBUSTION ∞ SYSTEMS DEFLAGRATION **ULTRAHIGH FREQUENCIES EXPLOSIONS** FIRES FLAME DEFLECTORS SHAKING UNDAMPED OSCILLATIONS **FLEETSATCOM** USE FLEET SATELLITE COMMUNICATION VIBRATION FLAME PROPAGATION WING OSCILLATIONS SYSTEM **FLASHOVER** FLAPS (CONTROL SURFACES)
UF FLAP CONTROL FLEXIBLE BODIES
GS FLEXIBLE BODIES
. FLEXIBLE SPACECRAFT ELECTRIC CURRENT
. ELECTRIC DISCHARGES GS GS AIRFOILS . FLASHOVER

ELECTRIC ARCS ELECTRIC SPARKS

**ELECTRICAL FAULTS** 

∞ BODIES

HYBRID STRUCTURES

INFLATABLE STRUCTURES

AT

FLAPS (CONTROL SURFACES)
. EXTERNALLY BLOWN FLAPS
. . UPPER SURFACE BLOWN FLAPS

# FLIGHT OPTIMIZATION

	E WINGS	FLIGHT	CLOTHING-(CONT.)	FLIGHT	HAZARDS-(CONT.) DESTRUCTION
UF	ROGALLO WINGS		PRESSURE SUITS PROTECTIVE CLOTHING		MICROBURSTS (METEOROLOGY)
GS	AIRFOILS . WINGS		PHOTECTIVE GLOTTING		MIDAIR COLLISIONS
	. FLEXIBLE WINGS	EI KOUT	CONDITIONS		NOISE (SOUND)
	PARAWINGS	GS	CONDITIONS		OPERATIONAL HAZARDS
RT	FIXED WINGS		FLIGHT CONDITIONS		TOXIC HAZARDS
	GLIDERS	RT	AVIATION METEOROLOGY		WEATHER
	HANG GLIDERS		CLOUD COVER	F1 1017	INSTRUMENTS
	INFINITE SPAN WINGS		INSTRUMENT FLIGHT RULES	GS	FLIGHT INSTRUMENTS
	INFLATABLE STRUCTURES RIGID WINGS		METEOROLOGICAL SERVICES STORMS (METEOROLOGY)	G3	APPROACH INDICATORS
	THIN WINGS		VISUAL FLIGHT		ATTITUDE INDICATORS
	TWISTED WINGS		WEATHER FORECASTING		GYRO HORIZONS
	XV-8A AIRCRAFT				. AUTOMATIC PILOTS
		FLIGHT	CONTROL		FLIGHT TEST INSTRUMENTS
FLIGHT		GS	FLIGHT CONTROL		. HORIZON SCANNERS . RADIO ALTIMETERS
SN	(USE OF A MORE SPECIFIC TERM IS		. AUTOMATIC FLIGHT CONTROL	RT	AIR NAVIGATION
	RECOMMENDED-CONSULT THE TERMS		. AUTOMATIC LANDING CONTROL	***	AIRBORNE EQUIPMENT
UF	LISTED BELOW) FLYING		. FLY BY TUBE CONTROL . FLY BY WIRE CONTROL		AIRCRAFT CONTROL
Or .	HIGH ALTITUDE FLIGHT		POINTING CONTROL SYSTEMS		AIRCRAFT EQUIPMENT
	HIGH SPEED FLIGHT		ANNULAR SUSPENSION AND		AIRCRAFT INSTRUMENTS
AT	AERODYNAMICS		POINTING SYSTEM		ALTIMETERS BUBBLE TECHNIQUE
٥	AERONAUTICS		. THRUST VECTOR CONTROL		COMPASSES
	BALLOON FLIGHT CLIMBING FLIGHT	RT	AEROBATICS AIR TRAFFIC CONTROL		DISPLAY DEVICES
	COASTING FLIGHT		AIRCRAFT CONTROL		ENGINE CONTROL
	CRUISING FLIGHT		AIRCRAFT INSTRUMENTS		ENGINE MONITORING INSTRUMENTS
	FLIGHT ALTITUDE		AIRCRAFT SURVIVABILITY		HEAD-UP DISPLAYS INSTRUMENT APPROACH
	FLIGHT CONTROL		ATTITUDE CONTROL		INSTRUMENT APPHOACH
	FLIGHT MECHANICS		ATTITUDE INDICATORS		INSTRUMENT LANDING SYSTEMS
	FLIGHT OPTIMIZATION		AUTOMATED EN ROUTE ATC		∞ INSTRUMENTS
	FLIGHT PATHS FLIGHT SAFETY		AUTOMATIC CONTROL AUTOMATIC PILOTS		LANDING INSTRUMENTS
	FLIGHT TESTS		∞ CONTROL		LIGHT AIRBORNE MULTIPURPOSE
	FLIGHT TIME		CONTROL CONFIGURED VEHICLES		SYSTEM
	FREE FLIGHT		CONTROL STABILITY		MEASURING INSTRUMENTS NAVIGATION INSTRUMENTS
	GLIDING		CONTROL STICKS		NIGHT FLIGHTS (AIRCRAFT)
	HORIZONTAL FLIGHT		CONTROL SURFACES		ONBOARD EQUIPMENT
	HYPERSONIC FLIGHT LONG DURATION SPACE FLIGHT		DISPLAY DEVICES ENTRY GUIDANCE (STS)		POSITION INDICATORS
	LUNAR FLIGHT		FLIGHT CHARACTERISTICS		RADAR
	METEOROLOGICAL FLIGHT		FLIGHT MANAGEMENT SYSTEMS		RADIO DIRECTION FINDERS
	PARABOLIC FLIGHT		GROUND BASED CONTROL		RATE OF CLIMB INDICATORS
	ROCKET FLIGHT		GROUND SUPPORT EQUIPMENT		RECORDING INSTRUMENTS SATELLITE INSTRUMENTS
	SOARING		GUIDANCE (MOTION)		SOLAR COMPASSES
	SPACE FLIGHT STEERING		HELICOPTER CONTROL IN-FLIGHT MONITORING		SPACECRAFT INSTRUMENTS
	SUBORBITAL FLIGHT		INSTRUMENT APPROACH		SPACECRAFT POSITION INDICATORS
	SUPERSONIC FLIGHT		INSTRUMENT LANDING SYSTEMS		SPEED INDICATORS
	TRAJECTORIES		MANEUVERABILITY		STAR TRACKERS
	TRANSITION FLIGHT		MANEUVERS		TERCOM
	TRANSOCEANIC FLIGHT		MISSILE CONTROL		
	TRANSONIC FLIGHT TURNING FLIGHT		NAVIGATION AIDS	GS	LOAD RECORDERS MEASURING INSTRUMENTS
	VERTICAL FLIGHT		NAVIGATION AIDS NAVIGATION INSTRUMENTS	G5	FLIGHT LOAD RECORDERS
	VISUAL FLIGHT		RADIO NAVIGATION		RECORDING INSTRUMENTS
			REMOTE CONTROL		. FLIGHT LOAD RECORDERS
FLIGHT	ALTITUDE		ROCKET ENGINE CONTROL	RT	STRAIN GAGES
GS	ALTITUDE		SOLAR COMPASSES		
	FLIGHT ALTITUDE		SPACECRAFT CONTROL STABILITY AUGMENTATION		MECHANICS
RT	AIR TRAFFIC CONTROL		TURBOJET ENGINE CONTROL	RT	AERODYNAMICS ASCENT TRAJECTORIES
	CEILING (AIRCRAFT CAPABILITY) MIDALTITUDE		TORBOOL! ENGINE CONTINUE		DESCENT TRAJECTORIES
	MIDAETTODE	EI IGHT	ENVELOPES		∞ MECHANICS (PHYSICS)
FLIGHT	CHARACTERISTICS	GS	FLIGHT CHARACTERISTICS		MISSILE TRAJECTORIES
UF	FLIGHT PERFORMANCE		. FLIGHT ENVELOPES		ORBIT CALCULATION
	FLYING QUALITIES	RT	AERODYNAMIC CHARACTERISTICS		ORBIT DECAY
GS	FLIGHT CHARACTERISTICS		AERODYNAMIC STABILITY		ORBITAL MECHANICS
	. FLIGHT ENVELOPES		AIRCRAFT CONTROL AIRCRAFT MANEUVERS		REENTRY TRAJECTORIES
RT	AERODYNAMICS AIRCRAFT MANEUVERS		AIRCRAFT PERFORMANCE		RENDEZVOUS
	AIRCRAFT PERFORMANCE		AIRCRAFT STABILITY		RENDEZVOUS TRAJECTORIES
	AIRCRAFT SPECIFICATIONS		∞ ENVELOPES		SPACE FLIGHT
	AIRSPEED		FLIGHT TESTS		SPACE MECHANICS
	BUFFETING		HELICOPTER PERFORMANCE		SPACECRAFT REENTRY SPACECRAFT TRAJECTORIES
	CEILING (AIRCRAFT CAPABILITY)		MANEUVERABILITY		THRUST PROGRAMMING
•	∞CHARACTERISTICS CONTROLLABILITY	<b>.</b>	W474000		TRAJECTORIES
	FLUTTER	FLIGHT GS	HAZARDS HAZARDS		TRAJECTORY MEASUREMENT
	HELICOPTER PERFORMANCE	us	. FLIGHT HAZARDS		TRAJECTORY OPTIMIZATION
	HIGHLY MANEUVERABLE AIRCRAFT		. METEOROID HAZARDS		
	LOW SPEED STABILITY	RT	AIR PIRACY		OPTIMIZATION
	MANEUVERABILITY		AIR TRAFFIC	GS	OPTIMIZATION
	∞ PERFORMANCE		AIRCRAFT ACCIDENTS	DT	FLIGHT OPTIMIZATION
	QUALITY		AIRCRAFT HAZARDS	RT	BURNING TIME EARTH-VENUS TRAJECTORIES
ELIQUE	CLOTHING		AIRCRAFT SAFETY AIRCRAFT SPIN		GREAT CIRCLES
FLIGHT GS	CLOTHING CLOTHING		AVIATION METEOROLOGY		ORBITAL MECHANICS
43	. FLIGHT CLOTHING		BIRD-AIRCRAFT COLLISIONS		ORBITS
AT	COVERALLS		BIRDS		PARKING ORBITS
	GARMENTS		COLLISIONS		SPACE FLIGHT
	GOGGLES		CRASH LANDING		THRUST PROGRAMMING TRAJECTORIES
	HELMETS		CRASHES		HIMLOTOMES

### **FLIGHT PATHS**

FLIGHT TESTS-(CONT.)
... SPACE TRANSPORTATION SYSTEM 4
FLIGHT FLIGHT OPTIMIZATION-(CONT.)
TRAJECTORY OPTIMIZATION FLIGHT SAFETY-(CONT.) AIRCRAFT SPIN
ALL-WEATHER LANDING SYSTEMS AIR START AIRCRAFT DESIGN ALTITUDE TESTS AVIATION METEOROLOGY COLLISION AVOIDANCE RT FLIGHT PATHS
GS FLIGHT PATHS CRASHES GLIDE PATHS CRASHWORTHINESS DESTRUCTION CERTIFICATION DAST PROGRAM AIR NAVIGATION AIR TRAFFIC RT DOWNRANGE ∞FLIGHT AIR TRAFFIC CONTROL DOWNANGE
DYNAMIC TESTS
ENGINE TESTS
FLIGHT ENVELOPES
FREE FLIGHT TEST APPARATUS
FULL SCALE TESTS ∞FLIGHT STRESS
FLYING EJECTION SEATS AIRCRAFT INSTRUMENTS AIRCRAFT MANEUVERS MIDAIR COLLISIONS ONBOARD EQUIPMENT AIRSPACE APPROACH SAFETY DEVICES APPROACH CONTROL FULL SCALE TESTS
GROUND TESTS
HIGH ALTITUDE TESTS
HIGHLY MANEUVERABLE AIRCRAFT
IN-FLIGHT MONITORING
MISSILE DESIGN SELF SEALING AREA NAVIGATION CAUSTIC LINES CLIMBING FLIGHT VISUAL FLIGHT FLIGHT SIMULATION COLLISION AVOIDANCE COLLISIONS SIMULATION
. FLIGHT SIMULATION
ACOUSTIC SIMULATION MISSILE TESTS DELAYED FLAP APPROACH POSTMISSION ANALYSIS (SPACECRAFT)
SPACE ELECTRIC ROCKET TESTS DESCENT ALTITUDE SIMULATION ANALOG SIMULATION ∞ DRIFT STABILITY TESTS GLIDING COMPUTERIZED SIMULATION ∞ TESTS GLOBAL POSITIONING SYSTEM GREAT CIRCLES VIBRATION TESTS CONTROL SIMULATION ENVIRONMENT SIMULATION WING FLOW METHOD TESTS GROUND TRACKS GUIDANCE (MOTION) HORIZONTAL FLIGHT LANDING SIMULATION MOTION SIMULATION
SPACE ENVIRONMENT SIMULATION FLIGHT TIME GS TIME MISSILE TRAJECTORIES
NATIONAL AIRSPACE UTILIZATION SPACE FLIGHT FLIGHT TIME SYSTEMS SIMULATION
TRAINING SIMULATORS
WEIGHTLESSNESS SIMULATION AIR TRAFFIC CONTROL BURNING TIME TESTING TIME RT SYSTEM NAVIGATION NAVIGATION AIDS TRAJECTORIES
TRANSIT TIME
TURNAROUND (STS) **ORBITS** FLIGHT SIMULATORS ∞ PATHS REENTRY SIMULATORS REENTHY
ROCKET FLIGHT
SATELLITE GROUND TRACKS
SOLAR COMPASSES
SWATH WIDTH
TACAN TRAINING SIMULATORS WINDOWS (INTERVALS) ... COCKPIT SIMULATORS
ATMOSPHERIC ENTRY SIMULATION ∞ FLIGHT VEHICLES VEMICLES
(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
AIRCRAFT CONFIGURATIONS RT CENTRIFUGES CONTROL SIMULATION
CRYOGENIC WIND TUNNELS
LANGLEY COMPLEX COORDINATOR TRAJECTORIES TURNING FLIGHT UNCONTROLLED REENTRY GROUND EFFECT MACHINES HYPERSONIC VEHICLES LUNAR ORBIT AND LANDING
SIMULATORS

MISSILE SIMULATORS
MOTION SIMULATION
MOTION SIMULATIONS (SPACECRAFT) VERTICAL FLIGHT LUNAR FLYING VEHICLES MISSILES REENTRY VEHICLES RESEARCH VEHICLES FLIGHT PERFORMANCE PILOT TRAINING
SPACE ENVIRONMENT SIMULATION
SPACE SIMULATORS ROCKET VEHICLES FLIGHT CHARACTERISTICS FLIGHT PLANS TEST FACILITIES AIR NAVIGATION **FLOATS** TRAINING DEVICES AIR TRAFFIC CONTROL FLOTATION SYSTEMS BALLAST (MASS) UF RT WIND TUNNELS APPROACH BUOYS INSTRUMENT FLIGHT RULES
NATIONAL AIRSPACE UTILIZATION
SYSTEM FLIGHT STABILITY TESTS
GS FLIGHT TESTS EMERGENCY LIFE SUSTAINING SYSTEMS FLIGHT STABILITY TESTS STABILITY TESTS
. FLIGHT STABILITY TESTS INFLATABLE STRUCTURES LANDING GEAR ~PLANS ROUTES AERODYNAMIC STABILITY LIFE RAFTS THRUST PROGRAMMING ~ TESTS WEATHER RAFTS SEPARATORS FLIGHT TECHNICAL ERROR FLIGHT RECORDERS
GS AIRCRAFT INSTRUMENTS
FLIGHT RECORDERS PILOT ERROR FLOTATION SYSTEMS USE **FLOATS** MEASURING INSTRUMENTS
FLIGHT RECORDERS
RECORDING INSTRUMENTS
FLIGHT RECORDERS FLIGHT TEST INSTRUMENTS TEST INSTRUMENTS
FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
AIRCRAFT INSTRUMENTS
ROCKET-BORNE INSTRUMENTS GS ∞ FLOW (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS RT LISTED BELOW)
AERODYNAMICS SPACECRAFT INSTRUMENTS FLIGHT RULES RT ANNULAR FLOW GS . FLIGHT RULES
. . INSTRUMENT FLIGHT RULES
. . VISUAL FLIGHT RULES **FLIGHT TEST VEHICLES** BRILLOUIN FLOW TEST VEHICLES GS CORNER FLOW CREEP PROPERTIES . FLIGHT TEST VEHICLES ... AIRCRAFT AIR NAVIGATION
AIR TRAFFIC CONTROL
COLLISION AVOIDANCE
NATIONAL AIRSPACE UTILIZATION CROSS FLOW
EXHAUST NOZZLES
FLOW EQUATIONS
FLOW THEORY
FLOW VELOCITY
FLUID FLOW
EDAZING FLOW RT LAUNCH VEHICLES MISSILES RESEARCH AIRCRAFT ∞ SPACECRAFT SYSTEM NATIONAL AVIATION SYSTEM NOISE REDUCTION GRAZING FLOW HEAT TRANSMISSION FLIGHT TESTS INFORMATION FLOW INTERACTIONAL AERODYNAMICS FLIGHT TESTS FLIGHT SAFETY FLIGHT STABILITY TESTS
SPACE TRANSPORTATION SYSTEM SAFETY FLIGHT SAFETY INVISCID FLOW AEROSPACE SAFETY LOW DENSITY FLOW RT SPACE TRANSPORTATION SYSTEM 1
FLIGHT MASS FLOW ORIFICE FLOW AIR PIRACY AIR TRAFFIC CONTROL AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT APPROACH SPACING
AIRCRAFT HAZARDS
AIRCRAFT SAFETY OUTLET FLOW PANEL METHOD (FLUID DYNAMICS) SPACE TRANSPORTATION SYSTEM 2 FLIGHT SPACE TRANSPORTATION SYSTEM 3 PLASTIC FLOW

FLIGHT

SHEAR FLOW

FLOW MEASUREMENT-(CONT.) FLOW DISTRIBUTION-(CONT.) FLOW-(CONT.)
SOLIDS FLOW WATER FLOW WIND VELOCITY FLOW DEFLECTION

FLOW GRAPHS
HYDRODYNAMIC COEFFICIENTS STEADY FLOW TRANSONIC FLOW HYDHOUTNAMIC COEFFICIENTS
ISOTHERMAL FLOW
METHOD OF CHARACTERISTICS
NUMERICAL FLOW VISUALIZATION
REATTACHED FLOW
RHEOELECTRICAL SIMULATION FLOW PATTERNS UNSTEADY FLOW USE FLOW DISTRIBUTION VISCOUS FLOW FLOW RATE
USE FLOW VELOCITY FLOW CHAMBERS ∞ CHAMBERS SEPARATED FLOW SEPARATED FLOW STAGNATION POINT STROUHAL NUMBER THREE DIMENSIONAL BODIES TRAPPED VORTICES VELOCITY DISTRIBUTION FLOW REGULATORS FLOW CHARACTERISTICS

GS DYNAMIC CHARACTERISTICS

FLOW CHARACTERISTICS

FLOW DISTRIBUTION

FLOW STABILITY

BOUNDARY LAYER STABILITY

FLAME STABILITY

MAGNETOHYDRODYNAMIC REGULATORS
FLOW REGULATORS .. FUEL FLOW REGULATORS FLOWMETERS VORTEX SHEETS
WATER TUNNEL TESTS
WIND TUNNEL TESTS OXYGEN REGULATORS
PRESSURE REGULATORS FLOW RESISTANCE GS FRICTION STABILITY

STABILITY

WEIBEL INSTABILITY

FLOW VELOCITY

BAROTROPIC FLOW

CHARACTERISTICS FLOW EQUATIONS FLOW RESISTANCE
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
VISCOUS DRAG FLOW EQUATIONS
. BOUNDARY LAYER EQUATIONS
. BLASIUS EQUATION CHAPLYGIN EQUATION NAVIER-STOKES EQUATION REYNOLDS EQUATION CRITICAL FLOW
CROSS FLOW
EDDY VISCOSITY
INVISCID FLOW
LAMINAR FLOW
NONUNIFORM FLOW EDDY VISCOSITY

MIGH RESISTANCE
LOW RESISTANCE REYNOLDS EQUATION
VON KARMAN EQUATION
VORTICITY EQUATIONS
HELMHOLTZ VORTICITY EQUATION
BERNOULLI THEOREM
COMPUTATIONAL FLUID DYNAMICS ∞ RESISTANCE
SKIN FRICTION
VISCOSITY RT OUTLET FLOW REATTACHED FLOW ∞ EQUATIONS SEPARATED FLOW FLUID FLOW
K-EPSILON TURBULENCE MODEL
PARTICLE IN CELL TECHNIQUE
PERCUS METHOD
RAYLEIGH EQUATIONS
TURBULENCE MODELS FLOW SEPARATION
USE BOUNDARY LAYER SEPARATION
SEPARATED FLOW STEADY FLOW STROUHAL NUMBER SUBCRITICAL FLOW SUPERCRITICAL FLOW TURBULENCE FLOW STABILITY

UF HYDRODYNAMIC STABILITY

GS DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
. MOTION STABILITY
. . FLOW STABILITY TURBULENT FLOW VISCOSITY VISCOUS FLOW FLOW FIELDS
USE FLOW DISTRIBUTION FLOW COEFFICIENTS BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC
STABILITY
WEIBEL INSTABILITY
WEIBEL INSTABILITY COEFFICIENTS
FLOW COEFFICIENTS FLOW GEOMETRY
GS GEOMETRY
FLOW GEOMETRY FLOW COEFFICIENTS
DISCHARGE COEFFICIENT
AERODYNAMIC COEFFICIENTS
ATTENUATION COEFFICIENTS
MASS FLOW FACTORS
NOZZLE THRUST COEFFICIENTS ANNULAR FLOW
AXIAL FLOW
AXISYMMETRIC FLOW
BACKWARD FACING STEPS
BYPASS RATIO RT . WEIBEL INSTABILITY
FLOW CHARACTERISTICS
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC REFLECTANCE
TRANSPORT PROPERTIES CHANNEL FLOW COAXIAL FLOW CORE FLOW STABILITY FLOW DEFLECTION

RT COMPUTATIONAL FLUID DYNAMICS
DEFLECTORS
FLOW DISTRIBUTION WEIBEL INSTABILITY CROSS FLOW DUCTED FLOW
HELICAL FLOW
HORSESHOE VORTICES
INLET AIRFRAME CONFIGURATIONS STABILITY DYNAMIC STABILITY NAMIC STABILITY
MOTION STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY
FLAME STABILITY
MAGNETOHYDRODYNAMIC FLOW VELOCITY
PRANDTL-MEYER EXPANSION INLET FLOW INLET FLOW

LAMINAR FLOW
MERIDIONAL FLOW
NOZZLE FLOW
ONE DIMENSIONAL FLOW
PARALLEL FLOW FLOW DIRECTION INDICATORS IRECTION INDICATORS
DISPLAY DEVICES
FLOW DIRECTION INDICATORS
WIND VANES
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS STABILITY

STABILITY

MEIBEL INSTABILITY

AERODYNAMIC STABILITY

BAROCLINIC INSTABILITY

DIRECTIONAL STABILITY

FLUID FLOW

CONDITIED INSTABILITY RT RADIAL FLOW STEADY FLOW STRATIFIED FLOW FLOW DIRECTION INDICATORS WIND VANES GOERTLER INSTABILITY
HYDRODYNAMIC EQUATIONS THREE DIMENSIONAL FLOW TWO DIMENSIONAL FLOW HYDRODYNAMIC EQUATIONS
HYDROFOIL OSCILLATIONS
KELVIN-HELMHOLTZ INSTABILITY
LAMINAR FLOW
LATERAL STABILITY
LONGITUDINAL STABILITY
LOW SPEED STABILITY
ORR-SOMMERFELD EQUATIONS
ROTARY STABILITY
STEADY FLOW
STROUHAL NUMBER FLOW DISTORTION WEDGE FLOW DISTORTION
FLOW DISTORTION
AERODYNAMIC COEFFICIENTS FLOW MEASUREMENT
GS MECHANICAL MEASUREMENT
FLOW MEASUREMENT
ANEMOMETERS RT AERODYNAMIC COEFFICIENTS
FLUID FLOW
HORSESHOE VORTICES
MULTIPHASE FLOW
ORR-SOMMERFELD EQUATIONS
OSCILLATING FLOW
SMALL PERTURBATION FLOW ANNULI
DRAG FORCE ANEMOMETERS
DRAG MEASUREMENT
FLOWMETERS
FLUID FLOW STROUHAL NUMBER SUPERSONIC DIFFUSERS SYSTEMS STABILITY VORTICES
WING TIP VORTICES GAS METERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
LASER DOPPLER VELOCIMETERS

MEASUREMENT SYSTEMS STABILITY
TURBULENT FLOW
UNSTEADY FLOW
VISCOUS FLUIDS
VON KARMAN EQUATION
VORTEX BREAKDOWN
VORTEX FILAMENTS FLOW DISTRIBUTION ISTRIBUTION
FLOW FIELDS
FLOW PATTERNS
DISTRIBUTION (PROPERTY)
FLOW DISTRIBUTION
DYNAMIC CHARACTERISTICS
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
CAVITATION FLOW
CHAPMAN-ENSKOG THEORY
EXHAUST FLOW SIMULATION UF GS MULTIPHASE FLOW ∞ NOZZLES ORIFICES VORTICES PITOT TUBES
PNEUMATIC PROBES
PRESSURE MEASUREMENT RT FLOW THEORY

RHEOLOGY

VENTURI TUBES

EXHAUST FLOW SIMULATION FIELD THEORY (PHYSICS)

SOLIDS FLOW VELOCITY MEASUREMENT

FLOW THEORY

MIXING LENGTH FLOW THEORY AERODYNAMICS

BOUNDARY LAYER EQUATIONS

GS

ВŤ

# FLOW VELOCITY

FLOV	V THEORY-(CONT.) CONTINUUM MECHANICS DISLOCATIONS (MATERIALS)	FLUE GASES-(CONT.)  ELECTRIC POWER PLANTS FLUES	FLUID	FILLED SHELLS-(CONT.) FLUID FILLED SHELLS LIQUID FILLED SHELLS
	FLUID FLOW FLUID MECHANICS	POLLUTION CONTROL SCRUBBERS	RT	HYDRODYNAMIC RAM EFFECT
	HYDRODYNAMIC EQUATIONS	SCHOOLENS		PROPELLANT TANKS REINFORCED SHELLS
	HYDRODYNAMICS LIGHTHILL METHOD	FLUERICS GS FLUIDICS		SHELL STABILITY
	MASS FLOW NAVIER-STOKES EQUATION	FLUERICS		TANKS (CONTAINERS)
	ORR-SOMMERFELD EQUATIONS	RT FLUID AMPLIFIERS FLUID SWITCHING ELEMENTS		∞ VESSELS
	PANEL METHOD (FLUID DYNAMICS) PNEUMATICS	FLUIDIC CIRCUITS		FLOW
	RHEOLOGY	HYDRAULIC ANALOGIES	UF	INDUCED FLUID FLOW ROTATIONAL FLOW
	SOLIDS FLOW ∞THEORIES	FLUID BOUNDARIES	GS	FLUID FLOW
		GS BOUNDARIES . <b>FLUID BOUNDARIES</b>		. ADIABATIC FLOW . AXIAL FLOW
FLOW UF	VELOCITY FLOW RATE	GAS-SOLID INTERFACES		. AXISYMMETRIC FLOW ANNULAR FLOW
GS	DYNAMIC CHARACTERISTICS	. JET BOUNDARIES . LIQUID-LIQUID INTERFACES		KARMAN-BODEWADT FLOW
	. FLOW CHARACTERISTICS FLOW VELOCITY	LIQUID-SOLID INTERFACES LIQUID-VAPOR INTERFACES		. BAROTROPIC FLOW . BASE FLOW
	RATES (PER TIME) . FLOW VELOCITY	INTERFACES		. BELTRAMI FLOW
	SOLAR WIND VELOCITY	. Fluid Boundaries Gas-solid interfaces		. BLOOD FLOW . CAPILLARY FLOW
	VELOCITY . FLOW VELOCITY	JET BOUNDARIES		. Cascade flow . Channel flow
	SOLAR WIND VELOCITY	. LIQUID-LIQUID INTERFACES . LIQUID-SOLID INTERFACES		OPEN CHANNEL FLOW
RT	DISCHARGE COEFFICIENT DUMP COMBUSTORS	. LIQUID-VAPOR INTERFACES RT BACKWARD FACING STEPS		. COAXIAL FLOW . COMBUSTIBLE FLOW
	EXHAUST VELOCITY	BOUNDARY LAYERS		. COMPRESSIBLE FLOW
	FLOW DEFLECTION	FREE BOUNDARIES HEAT TRANSFER		TRANSONIC FLOW . CONICAL FLOW
	HYDRODYNAMIC COEFFICIENTS HYPERSONIC FLOW	INTERFACE STABILITY		. CONVECTIVE FLOW
	HYPERVELOCITY FLOW	LIQUID LEVELS LIQUID SURFACES		RAYLEIGH-BENARD CONVECTION BENARD CELLS
	LASER ANEMOMETERS LOW SPEED	PRESSURE GRADIENTS		. CORE FLOW . CORNER FLOW
	MASS FLOW RATE	FLUID DYNAMICS		COUNTERFLOW
	PARALLEL FLOW SUBSONIC FLOW	UF CASCADES (FLUID DYNAMICS)		. CRITICAL FLOW . CROSS FLOW
	SUPERSONIC FLOW TRANSONIC FLOW	GS FLUID MECHANICS . FLUID DYNAMICS		. DUCTED FLOW KNUDSEN FLOW
	UNSTEADY FLOW	COMPUTATIONAL FLUID DYNAMICS GAS DYNAMICS		. FREE FLOW
	VELOCITY DISTRIBUTION VELOCITY MEASUREMENT	AERODYNAMICS		. FUEL FLOW PROPELLANT TRANSFER
	VORTEX PRECESSION	AEROTHERMODYNAMICS HYPERSONICS		. GAS FLOW
FLOW	VISUALIZATION	ROTOR AERODYNAMICS		AIR FLOW AIR CURRENTS
UF GS	VISUALIZATION OF FLOW	SUPERSONICS UNSTEADY AERODYNAMICS		JET STREAMS (METEOROLOGY) MERIDIONAL FLOW
	FLOW VISUALIZATION . NUMERICAL FLOW VISUALIZATION	INTERACTIONAL AERODYNAMICS RAREFIED GAS DYNAMICS		VERTICAL AIR CURRENTS
RT	DIFFERENTIAL INTERFEROMETRY FLUID FLOW	HYDRODYNAMICS		CONTINUUM FLOW COOLING FLOWS (ASTROPHYSICS)
	HYDRAULIC ANALOGIES	ELASTOHYDRODYNAMICS		EQUILIBRIUM FLOW
	SCHLIEREN PHOTOGRAPHY SHADOWGRAPH PHOTOGRAPHY	MAGNETOHYDRODYNAMICS ROTONS		FROZEN EQUILIBRIUM FLOW SHIFTING EQUILIBRIUM FLOW
	WATER TUNNEL TESTS WIND TUNNEL MODELS	VORTEX SHEDDING		FREE MOLECULAR FLOW KNUDSEN FLOW
	WIND TOWNEL MODELS	RT CONTINUITY EQUATION CONVECTION		MOLECULAR FLOW
FLOWN GS	METERS MEASURING INSTRUMENTS	CROSS FLOW		SLIP FLOW TRANSITION FLOW
u3	FLOWMETERS	∞DYNAMICS EYRING THEORY		. NONEQUILIBRIUM FLOW PIPE FLOW
	GAS METERS HOT-WIRE FLOWMETERS	FLUID MANAGEMENT FLUX VECTOR SPLITTING		. HEAD (FLUID MECHANICS)
	RHEOMETERS	GAS-SOLID INTERACTIONS		HEAD FLOW PRESSURE HEADS
AT	ELECTRICAL MEASUREMENT FLOW MEASUREMENT	GEOPHYSICAL FLUIDS GLIMM METHOD		. HELICAL FLOW
	FLOW REGULATORS FLUID FLOW	∞HYDRAULICS ,		. HYPERSONIC FLOW . HYPERVELOCITY FLOW
	FUEL GAGES	HYDROMECHANICS KINETICS		. INCOMPRESSIBLE FLOW STOKES FLOW
	HOT-WIRE ANEMOMETERS MECHANICAL MEASUREMENT	LOW DENSITY FLOW MAGNUS EFFECT		. INLET FLOW
	ORIFICES	∞ MECHANICS (PHYSICS)		. INVISCID FLOW STAGNATION FLOW
	PITOT TUBES PRESSURE GAGES	OCEAN DYNAMICS PANEL METHOD (FLUID DYNAMICS)		. ISOTHERMAL FLOW
	PRESSURE MEASUREMENT SONIC ANEMOMETERS	PARALLEL FLOW		. JET FLOW AIR JETS
	SPEED INDICATORS	PISTON THEORY PRIMITIVE EQUATIONS		PERIPHERAL JET FLOW SUPERSONIC JET FLOW
	TURBINE INSTRUMENTS VELOCITY MEASUREMENT	QUASI-STEADY STATES ∞ SCIENCE		. JET MIXING FLOW
	VENTURI TUBES	SLAMMING		. LAMINAR FLOW BLASIUS FLOW
	VORTEX PRECESSION	STAGNATION POINT STEADY STATE		HARTMANN FLOW
FLTSAT		STREAMLINING		STRATIFIED FLOW . LIQUID FLOW
USE	FLEET SATELLITE COMMUNICATION SYSTEM	THERMOHYDRAULICS TURBULENCE		OPEN CHANNEL FLOW
F1 115 A	24050	TURBULENT FLOW UNIFORM FLOW		WATER FLOW . MAGNETOHYDRODYNAMIC FLOW
GS GS	GASES	UNSTEADY FLOW		. MASS FLOW . MULTIPHASE FLOW
	EXHAUST GASESFLUE GASES	UNSTEADY STATE VORTEX FILAMENTS		TWO PHASE FLOW
RT	AIR POLLUTION			. NONNEWTONIAN FLOW . NONUNIFORM FLOW
	COMBUSTION PRODUCTS DESULFURIZING	FLUID FILLED SHELLS GS SHELLS (STRUCTURAL FORMS)		NOZZLE FLOW
		(		. ONE DIMENSIONAL FLOW

LUID F	LOW-(CONT.)	FLUID I	LOW-(CONT.) SURGES	FLUID	MECHANICS-(CONT.) ∞MECHANICS (PHYSICS)
	. ORIFICE FLOW . OUTLET FLOW		SYRINGES		MICROPOLAR FLUIDS
	PARALLEL FLOW		THERMOHYDRAULICS		∞ SCIENCE STATICS
	PIPE FLOW		ULTRASONIC CLEANING VORTICES		SUPERCRITICAL FLUIDS
	THREE DIMENSIONAL FLOW . PLASTIC FLOW		WING FLOW METHOD TESTS		THERMODYNAMICS
	TRESCA FLOW		N IFATIAN	FLUID	POWER
	. POTENTIAL FLOW	FLUID I	NJECTION INJECTION	RT	COMPRESSIBLE FLUIDS
	EQUIPOTENTIALS .RADIAL FLOW	G5	FLUID INJECTION		FLUID PRESSURE
	RECIRCULATIVE FLUID FLOW		GAS INJECTION		FLUIDIC CIRCUITS FLUIDICS
	. REVERSED FLOW		. LIQUID INJECTION . DEEP WELL INJECTION (WASTES)		HYDRAULIC CONTROL
	. SHEAR FLOW		WATER INJECTION (WASTES)		HYDRAULIC EQUIPMENT
	. SINGLE-PHASE FLOW . SMALL PERTURBATION FLOW	RT	CHANNEL FLOW		∞ HYDRAULICS
	. SOLIDS FLOW	•••	FUEL INJECTION		HYDRODYNAMICS INCOMPRESSIBLE FLUIDS
	. STEADY FLOW		INLET FLOW		PNEUMATIC CONTROL
	COUETTE FLOW		LAMINAR MIXING NOZZLE FLOW		PNEUMATIC EQUIPMENT
	HARTMANN FLOW . STEAM FLOW		SECONDARY INJECTION		PNEUMATICS
	. SUBCRITICAL FLOW				∞ POWER
	SUBSONIC FLOW		JET AMPLIFIERS		∞ PRESSURE DROP WORKING FLUIDS
	SUPERCRITICAL FLOW	USE	FLUID AMPLIFIERS		WOTHING TEORE
	. SUPERSONIC FLOW . TURBULENT FLOW		JET AMPLIFIERS	FLUID	PRESSURE
	. CAVITATION FLOW	FLUID	IETS	GS	PRESSURE
	SUPERCAVITATING FLOW	GS	FLUID JETS		FLUID PRESSURE
	. TWO DIMENSIONAL FLOW		. AIR JETS	RT	WATER PRESSURE BETA FACTOR
	COUETTE FLOW . UNIFORM FLOW		. FREE JETS	n.	FLUID POWER
	. BLASIUS FLOW		. GAS JETS . HYDRAULIC JETS		FLUIDICS
	. UNSTEADY FLOW		. VAPOR JETS		∞ FLUIDS
	OSCILLATING FLOW	RT	JET AMPLIFIERS		HYDRAULIC FLUIDS
	. VISCOUS FLOW		JET FLOW	EL 1110	ROTOR GYROSCOPES
	BOUNDARY LAYER FLOW		JET MIXING FLOW JET STREAMS (METEOROLOGY)	GS	GYROSCOPES
	SECONDARY FLOW		ωJETS	-	. ROTARY GYROSCOPES
	SEPARATED FLOW		PLASMA JETS		. FLUID ROTOR GYROSCOPES
	BOUNDARY LAYER SEPARATION			RT	FLOTATION GIMBALS
	COUETTE FLOW KARMAN-BODEWADT FLOW	FLUID			GIMBALS
	. STOKES FLOW	RT	COMPUTER DESIGN	FLUIO	SWITCHING ELEMENTS
	, WALL FLOW		FLUIDIC CIRCUITS FLUIDICS	GS	CIRCUITS
	. WEDGE FLOW		∞LOGIC		. SWITCHING CIRCUITS
RT	ACOUSTIC STREAMING ANNULAR DUCTS		LOGIC CIRCUITS		FLUID SWITCHING ELEMENTS SWITCHES
	BERNOULLI THEOREM				. SWITCHES
	BOUNDARY LAYERS		MANAGEMENT		FLUID SWITCHING ELEMENT
	CANALS	RT	CRYOGENIC FLUID STORAGE CRYOGENIC FLUIDS	AT	ACOUSTIC STREAMING
	CARTAN SPACE		CRYOGENIC ROCKET PROPELLANTS		AUTOMATIC CONTROL VALVES
	CHEMICAL ENGINEERING COAXIAL NOZZLES		FLUID DYNAMICS		FLIP-FLOPS FLUERICS
	∞ CONDUCTIVITY		FUEL CONTROL		FLUIDIC CIRCUITS
	CONVECTION CURRENTS		REDUCED GRAVITY		FLUIDICS
	∞ CURRENTS	<u>_</u>			HYDRAULIC EQUIPMENT
	DIMENSIONAL ANALYSIS DIMENSIONLESS NUMBERS	FLUID	MECHANICS FLUID MECHANICS		PNEUMATIC EQUIPMENT
	DRAG REDUCTION	us	, FLUID DYNAMICS	E1 1110	TRANSMISSION LINES
	DUCT GEOMETRY		COMPUTATIONAL FLUID DYNAMICS	GS	TRANSMISSION LINES
	EXPULSION		. GAS DYNAMICS	40	FLUID TRANSMISSION LINES
	© FLOW		AERODYNAMICS AEROTHERMODYNAMICS	PIT	HYDRAULIC FLUIDS
	FLOW DISTORTION FLOW EQUATIONS		HYPERSONICS		TRANSMISSION FLUIDS
	FLOW MEASUREMENT		ROTOR AERODYNAMICS		WORKING FLUIDS
	FLOW STABILITY		SUPERSONICS	E1 100	TRANSPIRATION
	FLOW THEORY		UNSTEADY AERODYNAMICS	USE	
	FLOW VISUALIZATION FLOWMETERS		INTERACTIONAL AERODYNAMICS RAREFIED GAS DYNAMICS		
	FLUIDICS		. HYDRODYNAMICS		HC CIRCUITS
	∞FLUIDS		ELASTOHYDRODYNAMICS	GS	CIRCUITS FLUIDIC CIRCUITS
	FRICTION		ELECTROHYDRODYNAMICS	AT	FLIP-FLOPS
	FROUDE NUMBER		MAGNETOHYDRODYNAMICS	***	FLUERICS
	GEOPHYSICAL FLUID FLOW CELLS HEAT TRANSMISSION		ROTONS VORTEX SHEDDING		FLUID AMPLIFIERS
	∞HYDRAULICS		HYDROMECHANICS		FLUID LOGIC
	HYDRODYNAMICS		HYDRODYNAMICS		FLUID POWER FLUID SWITCHING ELEMENTS
	HYDROMECHANICS		ELASTOHYDRODYNAMICS		FLUIDICS
	INJECTION LABYRINTH SEALS		ELECTROHYDRODYNAMICS MAGNETOHYDRODYNAMICS		FLY BY TUBE CONTROL
	LEAKAGE		HYDROSTATICS		
	LEWIS NUMBERS		MAGNETOHYDROSTATICS	FLUID	
	MAGNUS EFFECT		. PNEUMATICS	GS	FLUIDICS . FLUERICS
	MANNING THEORY	RT	AEROSTATICS BLEEDING	RT	AMPLIFICATION
	MATERIALS HANDLING MECHANICAL ENGINEERING			n I	∞ CONTROL
	OCEAN CURRENTS		DIFFUSIVITY		FLUID AMPLIFIERS
	OCEAN SURFACE		∞ DYNAMICS		FLUID FLOW
	PIPES (TUBES)		FLAT PLATES		FLUID LOGIC FLUID MECHANICS
	PLANETARY WAVES		FLOW THEORY		FLUID MECHANICS FLUID POWER
	PRESSURE GRADIENTS RAYLEIGH WAVES		FLUIDICS		FLUID PRESSURE
	REYNOLDS NUMBER		HYDRODYNAMIC EQUATIONS		FLUID SWITCHING ELEMENTS
	SKIN FRICTION		INCOMPRESSIBILITY		FLUIDIC CIRCUITS
	STREAMS		KINETICS		HYDRAULIC ANALOGIES HYDRAULIC CONTROL
	SUPERSONIC BOUNDARY LAYERS		MAXWELL FLUIDS		THE PROCESS CONTINUE

### **FLUIDS**

FLUIDICS-(CONT.) FOG-(CONT.)
DISPERSIONS ∞ FLUX (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS SN PNEUMATIC CIRCUITS COLLOIDS PNEUMATIC CONTROL
PNEUMATIC EQUIPMENT LISTED BELOW) . AEROSOLS FLUX (RATE) FLUX DENSITY RT FOG **PNEUMATICS** LIQUID-GAS MIXTURES FLUX QUANTIZATION AEROSOLS FLUXES . FOG LEVEL (QUANTITY) ∞ FLUIDS PARTICLES AEROSOLS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN FOG FLUX VECTOR SPLITTING ANALYSIS (MATHEMATICS)

NUMERICAL ANALYSIS

LEUX VECTOR SPLITTING

COMPUTATION

COMPUTATIONAL FLUID DYNAMICS ANVIL CLOUDS AVIATION METEOROLOGY LISTED BELOW) RT ANISOTROPIC FLUIDS BINARY FLUIDS BODY FLUIDS CIRROCUMULUS CLOUDS CIRROSTRATUS CLOUDS CLOUDS (METEOROLOGY) RT CEREBROSPINAL FLUID COMPRESSIBLE FLUIDS CRYOGENIC FLUIDS FERROFLUIDS EIGENVALUES
FINITE DIFFERENCE THEORY
FLUID DYNAMICS DROP SIZE HAZE HAZE DETECTION FLUID FLOW FLUID PRESSURE PANEL METHOD (FLUID DYNAMICS) MIST PRECIPITATION (METEOROLOGY) VECTOR ANALYSIS VECTORS (MATHEMATICS) GASES GYROSCOPE FLUIDS
HIGH TEMPERATURE FLUIDS
HYDRAULIC FLUIDS
IDEAL FLUIDS SMOKE STEAM **FLUXMETERS** STRATUS CLOUDS VISIBILITY MAGNETIC MEASUREMENT MEASURING INSTRUMENTS INCOMPRESSIBLE FLUIDS LIQUIDS MAXWELL FLUIDS FOKKER AIRCRAFT
GS FOKKER AIRCRAFT FLY BY WIRE CONTROL
UF ELECTRIC AIRCRAFT MICROPOLAR FLUIDS NEWTONIAN FLUIDS NONEQUILIBRIUM FLOW F-27 AIRCRAFT F-28 TRANSPORT AIRCRAFT FLIGHT CONTROL

FLY BY WIRE CONTROL

AIRCRAFT CONTROL GS RT NONNEWTONIAN FLUIDS CONTROL
GROUND BASED CONTROL
SPACECRAFT CONTROL RHEOLOGY ROTATING FLUIDS FOKKER F 27 AIRCRAFT USE F-27 AIRCRAFT SERUMS SIPHONING SOLIDS SUPERCRITICAL FLUIDS SUPERFLUIDITY **FLYING** FOKKER F 28 AIRCRAFT
USE F-28 TRANSPORT AIRCRAFT USE FLIGHT FLYING BEDSTEAD AIRCRAFT USE FLYING PLATFORMS TRANSMISSION FLUIDS FOKKER FRIENDSHIP AIRCRAFT VISCOUS FLUIDS F-27 AIRCRAFT WEIGHTLESS FLUIDS WORKING FLUIDS FLYING CRANE HELICOPTER FOKKER-PLANCK EQUATION USE H-17 HELICOPTER ANALYSIS (MATHEMATICS)
. REAL VARIABLES FLYING EJECTION SEATS **FLUTTER** . HEAL VARIABLES
. DIFFERENTIAL EQUATIONS
. . . PARTIAL DIFFERENTIAL EQUATIONS
. . . . FOKKER-PLANCK EQUATION
BOLTZMANN TRANSPORT EQUATION
BROWNIAN MOVEMENTS
DENSITY DISTRIBUTION
DIFFERENCE THEODY AERODYNAMIC BUZZ AEROMAGNETO FLUTTER ONBOARD EQUIPMENT AIRCRAFT EQUIPMENT
EJECTION SEATS GS VIBRATION RT ... FLYING EJECTION SEATS
SAFETY DEVICES
. EJECTION SEATS STRUCTURAL VIBRATION STRUCTURAL VIBRATION
. FLUTTER
. PANEL FLUTTER
. SUBSONIC FLUTTER
. SUPERSONIC FLUTTER
. TRANSONIC FLUTTER
AERODYNAMIC NOISE
AERODYNAMIC STABILITY
AEROELASTIC RESEARCH WINGS
AFROEI ASTICITY DIFFUSION THEORY **FLYING EJECTION SEATS** SEATS IONIZED GASES . EJECTION SEATS STOCHASTIC PROCESSES .. FLYING EJECTION SEATS ABORT APPARATUS AIRCRAFT SAFETY RT FOLDING FIN AIRCRAFT ROCKET VEHICLE
UF FFAR ROCKET VEHICLE
GS ROCKET VEHICLES
FOLDING FIN AIRCRAFT ROCKET AEROELASTICITY
AIRFOIL OSCILLATIONS
BENDING BAILOUT COCKPITS **EJECTORS** BENDING VIBRATION BOUNDARY LAYER CONTROL ESCAPE CAPSULES FLIGHT SAFETY **VEHICLE** ∞ AIRCRAFT RT SOLID PROPELLANT ROCKET ENGINES JET ENGINES BUFFETING COMPRESSIBILITY EFFECTS DAST PROGRAM PROTECTION FOLDING STRUCTURES

UF ROGALLO WINGS
TELESCOPING STRUCTURES
GS FOLDING STRUCTURES FLAPPING FLIGHT CHARACTERISTICS FORCED VIBRATION FLYING PLATFORM STABILITY USE AERODYNAMIC STABILITY
FLYING PLATFORMS HOVERING SAILWINGS HOVERING
HYDROFOIL OSCILLATIONS
INFLUENCE COEFFICIENT
MISSILE VIBRATION
RANDOM VIBRATION
RESONANT VIBRATION
SELF INDUCED VIBRATION
SHAKING FLYING PLATFORMS RT **ANTENNAS** FLYING BEDSTEAD AIRCRAFT FLYING PLATFORM STABILITY BALLOONS **BALLUTES** V/STOL AIRCRAFT GS EXPANDABLE STRUCTURES FURLABLE ANTENNAS VERTICAL TAKEOFF AIRCRAFT
. FLYING PLATFORMS INFLATABLE STRUCTURES RT ∞ AIRCRAFT PADDLES SPACECRAFT MOTION GROUND EFFECT MACHINES
JET AIRCRAFT PARACHUTES TURBULENCE EFFECTS
UNDAMPED OSCILLATIONS
UNSTEADY AERODYNAMICS
VIBRATION SIMULATORS
VIBRATION TESTS PARAGLIDERS PARAVULCOONS OBSERVATION AIRCRAFT

DESCRIPTION AIRCRAFT PARAWINGS ©FLATFORMS
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT

SUBSONIC AIRCRAFT

VZ-8 AIRCRAFT HOTARY WINGS SPACE ERECTABLE STRUCTURES VIBRATIONAL STRESS WING OSCILLATIONS SPACECRAFT STRUCTURES ∞ STRUCTURES VARIABLE GEOMETRY STRUCTURES
VARIABLE SWEEP WINGS FLYING QUALITIES
USE FLIGHT CHARACTERISTICS FLUTTER ANALYSIS
GS STRUCTURAL ANALYSIS
. FLUTTER ANALYSIS
RT AEROELASTIC RESEARCH WINGS
AIRFOIL OSCILLATIONS
STRUCTURAL VIBRATION FORCE VECTOR RECORDERS
GS MEASURING INSTRUMENTS FLYING WING AIRCRAFT

USE

**FOG** 

TAILLESS AIRCRAFT

MIXTURES

FORCE VECTOR RECORDERS
RECORDING INSTRUMENTS

FORCE VECTOR RECORDERS

∞ INSTRUMENTS

RT

UNSTEADY AERODYNAMICS

FORCED	CONVECTION	FREE	CONVECTION-(CONT.)	FRICTI	on-(CONT.)
GS	CONVECTION	******	TEMPERATURE		DRY FRICTION
	. FORCED CONVECTION		THERMOSIPHONS		. FLOW RESISTANCE
RT	BLOWING		TURBULENT FLOW		FRICTION DRAG
	CONVECTIVE HEAT TRANSFER				AERODYNAMIC DRAG
	FREE CONVECTION HEAT TRANSFER		FLIGHT		SUPERSONIC DRAG
	LAMINAR FLOW	AT	∞FLIGHT GLIDERS		. INTERNAL FRICTION
	PRANDTL NUMBER		GLIDING		. KINETIC FRICTION
	RAYLEIGH-BENARD CONVECTION		HANG GLIDERS		SLIDING FRICTION
	STANTON NUMBER				. SKIN FRICTION
			FLIGHT TEST APPARATUS		FRICTION DRAG
FOREBO GS	DIES FOREBODIES	RT	FLIGHT TESTS		AERODYNAMIC DRAG
us	. NOSES (FOREBODIES)		∞TEST EQUIPMENT		VISCOUS DRAG
	NOSE CONES	FREE	EI OW		. STATIC FRICTION
	ABLATIVE NOSE CONES	UF	FREE STREAM EFFECTS	RT	ABRASION
	ROCKET NOSE CONES	-	FREE STREAMS		COEFFICIENT OF FRICTION
RT	AFTERBODIES AIRCRAFT STRUCTURES	GS	FLUID FLOW		DRAG REDUCTION
	BLUFF BODIES		FREE FLOW		ENERGY DISSIPATION
	BLUNT BODIES	RT	VOID RATIO		FLUID FLOW
	BLUNT LEADING EDGES	FREE	IETC		MECHANICAL IMPEDANCE
α	BOWS	GS	FLUID JETS		∞PRESSURE DROP
	CENTERBODIES  CYLINDRICAL BODIES		. FREE JETS		SCORING SUBSACE PROPERTIES
	CYLINDRICAL BODIES HAMMERHEAD CONFIGURATION	RT	JET BOUNDARIES		SURFACE PROPERTIES SURFACE ROUGHNESS
	LEADING EDGES		JET FLOW		TRACTION
	SHARP LEADING EDGES		∞JETS		TRIBOLOGY
		EDEE	MOLECULAR FLOW		TRIBOLUMINESCENCE
FOREIGN		GS	FLUID FLOW		WEAR
	AIRCRAFT HAZARDS		. GAS FLOW		WEAR TESTS
	BODIES INJURIES		FREE MOLECULAR FLOW		WHEEL BRAKES
	METEORITES	RT	CONTINUUM FLOW	EDICTIC	DN DRAG
	METEOTITES		KINETIC THEORY	UF	NONEQUILIBRIUM DRAG
FOSSIL F	FUELS		KNUDSEN FLOW MOLECULAR BEAMS	GS	DYNAMIC CHARACTERISTICS
	RESOURCES		RAREFIED GAS DYNAMICS		. DRAG
	. EARTH RESOURCES		RAREFIED GASES		FRICTION DRAG
	FOSSIL FUELS COAL		SLIP FLOW		AERODYNAMIC DRAG
	ANTHRACITE		TRANSITION FLOW		SUPERSONIC DRAG
	LIGNITE	FDFF	The AM Person		FRICTION
	SOLVENT REFINED COAL	USE	STREAM EFFECTS FREE FLOW		FLOW RESISTANCE
	CRUDE OIL	USE	PREE PLOW		FRICTION DRAG
	NATURAL GAS	FREE S	STREAMS		AERODYNAMIC DRAG
	PEAT CARBONACEOUS MATERIALS	USE			SUPERSONIC DRAG
	UNDERWATER RESOURCES				. SKIN FRICTION
			WING AIRCRAFT		. FRICTION DRAG
FRAME P	HOTOGRAPHY	RT	AERODYNAMICS		AERODYNAMIC DRAG
	PHOTOGRAPHY		∞AIRCRAFT AIRCRAFT DESIGN		SUPERSONIC DRAG
	. FRAME PHOTOGRAPHY		CONTROL SURFACES	DT	VISCOUS DRAG
	BLACK AND WHITE PHOTOGRAPHY FRAMING CAMERAS		SOM ACES	RT	MINIMUM DRAG PRESSURE DRAG
	HIGH SPEED CAMERAS	FREED	OM FIGHTER AIRCRAFT		RIBLETS
	THE STEED OF MENTING	USE	F-5 AIRCRAFT		SATELLITE DRAG
FREDHOL	M EQUATIONS				SURFACE ROUGHNESS EFFECTS
	FREDHOLM OPERATORS	FREEZ			WAVE DRAG
	ANALYSIS (MATHEMATICS)	GS	PHASE TRANSFORMATIONS		
	FUNCTIONAL ANALYSIS INTEGRAL EQUATIONS		. FREEZING VIBRATIONAL FREEZING		N MEASUREMENT
	FREDHOLM EQUATIONS		ZONE MELTING	GS	MECHANICAL MEASUREMENT . FRICTION MEASUREMENT
	EQUATIONS	RT	ANTIFREEZES	AT	ELASTOHYDRODYNAMICS
	POMERANCHUK THEOREM		BAY ICE		KINETIC FRICTION
			CLOUD GLACIATION		• MEASUREMENT
	M OPERATORS		COLD TRAPS COOLING		STATIC FRICTION
	FREDHOLM EQUATIONS OPERATORS (MATHEMATICS)		CRYOGENIC COOLING	EDICTIO	N PRESSURE DROP
	OF ENATORIS (MATREMATICS)		CRYSTALLIZATION	USE	
FREE BO	UNDARIES		FREEZE DRYING	332	SARY THO TON
	BOUNDARIES		FROST	FRICTIO	NLESS ENVIRONMENTS
	FREE BOUNDARIES		ICE FORMATION ICE NUCLEI	GS	ENVIRONMENTS
	FLUID BOUNDARIES		LOW TEMPERATURE		. FRICTIONLESS ENVIRONMENTS
	INTERFACES JET FLOW		MELTING	RT	DEEP SPACE
	JET MIXING FLOW		PRESERVING		LEVITATION
	JET STREAMS (METEOROLOGY)		PRESSURE ICE	EDINGE	MULTIPLICATION
	LIQUID SURFACES		REFRIGERATING SEA ICE	RT	DIFFRACTION PATTERNS
	LIQUID-LIQUID INTERFACES		SOLIDIFICATION		INTERFERENCE GRATING
ı	LIQUID-VAPOR INTERFACES		SOLIDIFIED GASES		MOIRE EFFECTS
EDEE OO	VECTION				MOIRE FRINGES
	THERMAL CONVECTION	FREIGH			MULTIPLICATION PHOTOELASTIC ANALYSIS
	CONVECTION	USE	CARGO		STRESS ANALYSIS
	FREE CONVECTION				STRESS CONCENTRATION
	. RAYLEIGH-BENARD CONVECTION		T COSTS		
	BENARD CELLS	GS	COSTS ERFIGHT COSTS	∞ FRONTS	
	CONVECTION CURRENTS	RT	. FREIGHT COSTS CARGO	SN	(USE OF A MORE SPECIFIC TERM IS
	CONVECTIVE FLOW CONVECTIVE HEAT TRANSFER	111	FREIGHTERS		RECOMMENDED-CONSULT THE TERMS
	FORCED CONVECTION		TRANSPORTATION	RT	LISTED BELOW) COLD FRONTS
l	AMINAR FLOW			• • • • • • • • • • • • • • • • • • • •	FRONTS (METEOROLOGY)
	MARIANGONI CONVECTION	FRICTIO			SHOCK FRONTS
ſ	POROUS BOUNDARY LAYER CONTROL	GS	FRICTION		WARM FRONTS

### FROUDE NUMBER

FRONTS-(CONT.) FUEL TANK PRESSURIZATION-(CONT.)
PRESSURE VESSELS
PROPELLANT STORAGE
PROPELLANT TANKS FUEL GAGES-(CONT.) WAVE FRONTS FLOWMETERS FROUDE NUMBER FUEL INJECTION

UF INJECTION CARBURETORS
GS INJECTION RATIOS PROPULSION DIMENSIONLESS NUMBERS . FROUDE NUMBER RELIEF VALVES ULLAGE . FUEL INJECTION BURNERS RT FLUID FLOW VAPOR PRESSURE RT CARBURETORS KINETIC ENERGY FLUID INJECTION GAS INJECTION FUEL TANKS POTENTIAL ENERGY REYNOLDS NUMBER STROUHAL NUMBER TANKS (CONTAINERS) . FUEL TANKS .. WING TANKS AIRCRAFT FUEL SYSTEMS INJECTORS INTERNAL COMBUSTION ENGINES
JET ENGINES
JET MIXING FLOW
SJET NOZZLES
LIQUID INJECTION FROZEN EQUILIBRIUM FLOW GS FLUID FLOW CONTAINERS
CORROSION PREVENTION GAS FLOW CRYOGENIC FLUID STORAGE CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FEED SYSTEMS
FUELS EQUILIBRIUM FLOW . FROZEN EQUILIBRIUM FLOW PISTON ENGINES PROPELLANT SPRAYS RΤ SHIFTING EQUILIBRIUM FLOW SPRAY NOZZLES FUEL COMBUSTION
GS COMBUSTION FUEL OILS GS FUELS HEATING EQUIPMENT . FUEL COMBUSTION
.. NUCLEAR FUEL BURNUP
COMBUSTION EFFICIENCY LIQUID SLOSHING PODS (EXTERNAL STORES) CLEAN FUELS FUEL OILS PRESSURE VESSELS PROPELLANT STORAGE PROPELLANT TANKS OILS COMBUSTION STABILITY EROSIVE BURNING FUEL OILS ENERGY POLICY KEROGEN ВT HYDROCARBON COMBUSTION HYPERSONIC COMBUSTION IGNITION PROPELLANTS PROPULSION KEROSENE PROTUBERANCES
SPACECRAFT STRUCTURES
SPHERICAL TANKS SHALE OIL SOLVENT REFINED COAL METAL COMBUSTION OXIDATION PROPELLANT COMBUSTION STORAGE TANKS FUEL PRODUCTION
RT CHEMICAL FUELS
COMPOSITE PROPELLANTS SOLID PROPELLANT COMBUSTION SPONTANEOUS COMBUSTION SUPERSONIC COMBUSTION TANKER AIRCRAFT ULLAGE CRUDE OIL FISSION **FUEL TESTS** ∞ FUSION
HYDROCARBON FUELS
HYDROGEN FUELS FUEL CONSERVATION
USE FUEL CONSUMPTION **FUEL TESTS** GS REACTOR STARTUP TESTS AT CHEMICAL ANALYSIS CORROSION TESTS FUEL CONSUMPTION LIQUID FUELS NUCLEAR FUELS ENGINE TESTS FUEL CONSERVATION CONSUMPTION UF MATERIALS TESTS

MISSILE TESTS

PROPELLANT TESTS

STABILITY TESTS ∞ PRODUCTION GS FUEL CONSUMPTION
BURNING RATE
COMBUSTION EFFICIENCY
ENERGY CONSUMPTION
ENERGY REQUIREMENTS AT FUEL PUMPS
GS PUMPS TEST FIRING FUEL PUMPS RT AIRCRAFT FUEL SYSTEMS AXIAL FLOW PUMPS INTERNAL COMBUSTION ENGINES REFUELING CENTRIFUGAL PUMPS ELECTROMAGNETIC PUMPS **FUEL VALVES** GS VALVES . FUEL VALVES
AIRCRAFT FUEL SYSTEMS
GAS VALVES INTERNAL COMBUSTION ENGINES JET ENGINES JET PUMPS FUEL CONTAMINATION CONTAMINATION GS MATERIALS HANDLING TURBINE PUMPS FUEL CONTAMINATION RELIEF VALVES ANTIICING ADDITIVES CONTAMINANTS RT **FUEL-AIR RATIO** REFUELING **FUEL SPRAYS** RATIOS LIQUID INJECTION FUEL-AIR RATIO BURNING RATE
COMBUSTION EFFICIENCY
COMPRESSION RATIO FUEL CONTROL
RT COMBUSTION CONTROL PROPELLANT SPRAYS RT SPRAYERS CONTROL

ENGINE CONTROL

FLUID MANAGEMENT
LIQUID SLOSHING FUEL SYSTEMS GAS MIXTURES FUEL SYSTEMS
AIRCRAFT FUEL SYSTEMS
ACCUMULATORS
AUTOMOBILES
BUNKERS (FUEL) IGNITION LIMITS PREMIXING GS PROPELLANT TRANSFER PRESSURE RATIO
VOLUMETRIC EFFICIENCY BT REFUELING ROCKET ENGINE CONTROL TURBOJET ENGINE CONTROL CARBURETORS CHOKES (FUEL SYSTEMS) **FUELS ENGINES FUEL CORROSION** CHEMICAL FUELS
. ENDOTHERMIC FUELS
. HIGH ENERGY FUELS CORROSION **FEEDERS** GS . FUEL CORROSION
PROPELLANT DECOMPOSITION
PROPELLANT STORABILITY **FUELS** INJECTORS RT HYDROCARBON FUELS
DIESEL FUELS INLET TEMPERATURE INTAKE SYSTEMS GASOLINE INTERNAL COMBUSTION ENGINES JET ENGINE FUELS JP-4 JET FUEL **FUEL FLOW** MANIFOLDS
PLENUM CHAMBERS
PROPELLANT TRANSFER
REFUELING FLUID FLOW JP-5 JET FUEL JP-6 JET FUEL JP-8 JET FUEL . PROPELLANT TRANSFER COMBUSTIBLE FLOW DUCTED FLOW RT SELF SEALING SPRAY NOZZLES SYSTEMS LIQUEFIED NATURAL GAS SYNTHANE PARTICLE LADEN JETS LIQUID FUELS AIRCRAFT FUELS ANTIMISTING FUELS AUTOMOBILE FUELS **FUEL FLOW REGULATORS** FUEL TANK PRESSURIZATION REGULATORS FLOW REGULATORS PRESSURIZING
FUEL TANK PRESSURIZATION
AIRCHAFT FUEL SYSTEMS
EXHAUST SYSTEMS
EXPULSION BLADDERS
EXPULSION BLADDERS GS DIESEL FUELS GASOLINE . FUEL FLOW REGULATORS HYDROGEN FUELS **FUEL GAGES** JET ENGINE FUELS . JP-4 JET FUEL

LIQUID ROCKET PROPELLANTS

PRESSURE REGULATORS

JP-5 JET FUEL

JP-6 JET FUEL

PRESSURE

MEASURING INSTRUMENTS

. CAPACITIVE FUEL GAGES

FUEL GAGES

FUELS	-(CONT.)		G	GAS	COOLING
	` JP-8 JET FUEL			SN	(COOLING WITH GAS)
	KEROSENE			GS	COOLING
		G FO	RCE	<del></del>	GAS COOLING
	. METAL FUELS	USE	ACCELERATION (PHYSICS)	0.7	
	SYNTHETIC FUELS		(	RT	COOLANTS
	GASOHOL (FUEL)				FREON
	SYNTHANE	G-1 A	IRCRAFT		HEAT EXCHANGERS
		UF	NAVION G-1 AIRCRAFT		
	. CLEAN FUELS		NAVION RANGEMASTER AIRCRAFT		
	FUEL OILS		RANGEMASTER AIRCRAFT		DENSITY
	. COKE			GS	DENSITY (MASS/VOLUME)
	. FISSILE FUELS	GS	GENERAL AVIATION AIRCRAFT		GAS DENSITY
	GASEOUS FUELS		. G-1 AIRCRAFT	RT	ATOM CONCENTRATION
			LIGHT AIRCRAFT	IN I	
	NATURAL GAS				BUOYANCY
	. MONOPROPELLANTS		. G-1 AIRCRAFT		CONVECTIVE FLOW
	AEROZINE		MONOPLANES		GASEOUS DIFFUSION
	. NUCLEAR FUELS		. G-1 AIRCRAFT		IDEAL GAS
	CERAMIC NUCLEAR FUELS		NAVION AIRCRAFT		
			G-1 AIRCRAFT		PROBABILITY DENSITY FUNCTIONS
	FISSIUM		PASSENGER AIRCRAFT		RAREFIED GASES
	SPENT FUELS				REAL GASES
RT	BIOCONVERSION		. G-1 AIRCRAFT		
	BURNING RATE		TRANSPORT AIRCRAFT		
			. G-1 AIRCRAFT		DETECTORS
	CHARCOAL	DT	∞ AIRCRAFT	AT	DETECTION
	ENERGY POLICY	(1)	& AIRONAL I		∞ DETECTORS
	ENERGY STORAGE				HAZE DETECTION
	FLAMES	G-91	AIRCRAFT		IDENTIFYING
	FUEL SYSTEMS	UF	FIAT G-91 AIRCRAFT		
		GS.	ATTACK AIRCRAFT		INDICATING INSTRUMENTS
	FUEL TANKS	do			MONITORS
	GASES		. FIGHTER AIRCRAFT		∞ PROBES
	HYDROGEN		G-91 AIRCRAFT		∞ SENSORS
	HYDROGEN PRODUCTION		FIAT AIRCRAFT		
	KEROGEN		. G-91 AIRCRAFT		SMOKE DETECTORS
					WARNING SYSTEMS
	LIQUID AMMONIA		JET AIRCRAFT		
	LIQUID HYDROGEN		. G-91 AIRCRAFT	OAC I	DISSOCIATION
	NUCLEAR FUEL ELEMENTS		LIGHT AIRCRAFT		
			G-91 AIRCRAFT	GS	DISSOCIATION
	OILS		MONOPLANES		GAS DISSOCIATION
	OPERATING COSTS			AT	THERMAL DISSOCIATION
	OXIDIZERS		. G-91 AIRCRAFT		
	PREMIXING		OBSERVATION AIRCRAFT		
	PROPELLANTS		. G-91 AIRCRAFT	GAS I	DYNAMICS
	ROCKET PROPELLANTS		RECONNAISSANCE AIRCRAFT	GS	FLUID MECHANICS
					FLUID DYNAMICS
	SHALE OIL		. G-91 AIRCRAFT		
	TRANSPORTATION ENERGY		TRAINING AIRCRAFT		GAS DYNAMICS
			. G-91 AIRCRAFT		AERODYNAMICS
		RT	∞ AIRCRAFT		AEROTHERMODYNAMICS
		111	and Anton Anton		HYPERSONICS
FULL S	CALE TESTS				ROTOR AERODYNAMICS
RT	ALTITUDE TESTS	G-95/	AIRCRAFT		
	ENGINE TESTS	UF	FIAT G-95/4 AIRCRAFT		SUPERSONICS
	FLIGHT TESTS	GS	ATTACK AIRCRAFT		UNSTEADY AERODYNAMICS
		40			INTERACTIONAL AERODYNAMICS
	GROUND TESTS		. FIGHTER AIRCRAFT		RAREFIED GAS DYNAMICS
	HIGH ALTITUDE TESTS		G-95/4 AIRCRAFT		
	∞ TESTS		FIAT AIRCRAFT	RT	DALTON LAW
	2.20.0		. G-95/4 AIRCRAFT		∞ DYNAMICS
					GAS PATH ANALYSIS
			JET AIRCRAFT		GASEOUS DIFFUSION
FUSEL	AGE MOUNTING		. G-95/4 AIRCRAFT		
USE	AIRCRAFT PRODUCTION		MONOPLANES		GASEOUS SELF-DIFFUSION
			. G-95/4 AIRCRAFT		GASES
			OBSERVATION AIRCRAFT		HYDRODYNAMIC EQUATIONS
E110E1	1050				HYDRODYNAMICS
FUSEL			. G-95/4 AIRCRAFT		JET MEMBRANE PROCESS
G\$	AIRCRAFT STRUCTURES		RECONNAISSANCE AIRCRAFT		
	FUSELAGES		. G-95/4 AIRCRAFT		KINETICS
RT	AIRCRAFT CONSTRUCTION MATERIALS		SUPERSONIC AIRCRAFT		LORENTZ GAS
•••	AIRCRAFT PARTS				MAGNETOHYDRODYNAMICS
	AIRFRAMES		. G-95/4 AIRCRAFT		∞ MECHANICS (PHYSICS)
			V/STOL AIRCRAFT		
	BAYS (STRUCTURAL UNITS)		. G-95/4 AIRCRAFT		MOLECULAR GASES
	BODY-WING AND TAIL CONFIGURATIONS	RT			POLAR GASES
	CAMBER				THERMODYNAMICS
	CENTERBODIES				
		GA-5	AIRCRAFT	040 5	VACUATING
	COCKPITS	UF	GLOSTER GA-5 AIRCRAFT		
	CYLINDRICAL BODIES		JAVELIN AIRCRAFT	USE	EVACUATING (VACUUM)
	HULLS (STRUCTURES)	GS	ATTACK AIRCRAFT		
	WING-FÜSELAGE STORES	u.o		GAS F	XPANSION
			. FIGHTER AIRCRAFT	GS	EXPANSION
			GA-5 AIRCRAFT	40	
E1 101=0	DM CUADEC		HAWKER SIDDELEY AIRCRAFT		. GAS EXPANSION
	RM SHAPES		. GA-5 AIRCRAFT	RT	JOULE-THOMSON EFFECT
USE	CONES				PRESSURE REDUCTION
			JET AIRCRAFT		· · ·
			. GA-5 AIRCRAFT		ANI OCIONO
FV-12A	AIRCRAFT		MONOPLANES		XPLOSIONS
GS	ATTACK AIRCRAFT		. GA-5 AIRCRAFT	GS	EXPLOSIONS
us		RT			. CHEMICAL EXPLOSIONS
	FIGHTER AIRCRAFT		DELTA WINGS		GAS EXPLOSIONS
	FV-12A AIRCRAFT		DELIA MINGS	RT	DETONABLE GAS MIXTURES
	V/STOL AIRCRAFT			rt i	
	. FV-12A AIRCRAFT	GAGE	:		DETONATION WAVES
DT		USE			FLAME PROPAGATION
	∞ AIRCRAFT	USE	MEASURING INSTRUMENTS		FLAMMABLE GASES
	∞ MILITARY AIRCRAFT				UNDERGROUND EXPLOSIONS
		GAL AT	(Y AIRCRAFT		SHOELIGITOOING EAFLOSIONS
			C-5 AIRCRAFT		
F4H All	RCRAFT	USE	O'S AMONAL I	GAS F	
	F-4 AIRCRAFT			UF	GASEOUS CAVITATION
JJL	· · · · · · · · · · · · · · · · · · ·	GAS E	AGS	GS	FLUID FLOW
		GS	BAGS		. GAS FLOW
		GO			
	RCRAFT		. GAS BAGS		AIR FLOW
USE	F-8 AIRCRAFT		EXPANDABLE STRUCTURES		AIR CURRENTS
			. INFLATABLE STRUCTURES		JET STREAMS (METEOROLOGY
			. GAS BAGS		MERIDIONAL FLOW
-	RCRAFT	RT	BALLOONS		
		rt i			VERTICAL AIR CURRENTS
USE	F-9 AIRCRAFT		HIGH ALTITUDE BALLOONS		CONTINUUM FLOW

# **GAS GENERATOR ENGINES**

AAS FLOW-(CONT.) COOLING FLOWS (ASTROPHYSICS)	GAS INJECTION-(CONT.) POROSITY	GAS POCKETS-(CONT.) EVACUATING (VACUUM)
EQUILIBRIUM FLOW	PRESSURIZING	
FROZEN EQUILIBRIUM FLOW	STIMULATION	GAS PRESSURE
SHIFTING EQUILIBRIUM FLOW	WATER INJECTION	GS PRESSURE . GAS PRESSURE
FREE MOLECULAR FLOW KNUDSEN FLOW	GAS IONIZATION	RT ATMOSPHERIC PRESSURE
. MOLECULAR FLOW	GS IONIZATION	COMPRESSED GAS
SLIP FLOW	. GAS IONIZATION	INTERNAL PRESSURE
TRANSITION FLOW	. , ATMOSPHERIC IONIZATION	PARTIAL PRESSURE
NONEQUILIBRIUM FLOW	AURORAL IONIZATION	
PIPE FLOW	FLAME IONIZATION	<b>GAS STREAMS</b> GS GASES
RT: AIR DUCTS	RT AFTERGLOWS ELECTRON ATTACHMENT	GS GASES . <b>GAS STREAMS</b>
AIR JETS COMPRESSIBLE FLOW	HELIUM AFTERGLOW	STREAMS
CRITICAL FLOW	IONIZED GASES	. GAS STREAMS
CROCCO-LEE THEORY	IONIZERS	RT JET FLOW
GAS PATH ANALYSIS	PENNING DISCHARGE	LAMINAR FLOW
GASDYNAMIC LASERS	PENNING EFFECT	TURBULENCE
GASEOUS DIFFUSION	PHOTOIONIZATION	WIND TUNNELS
GASES GEOPHYSICAL FLUID FLOW CELLS	PLASMA DISPLAY DEVICES RING DISCHARGE	
HYDRAULIC ANALOGIES	MING DISSIPANCE	GAS TEMPERATURE GS TEMPERATURE
HYPERSONIC FLOW	GAS JETS	. GAS TEMPERATURE
INCOMPRESSIBLE FLOW	GS FLUID JETS	RT ATMOSPHERIC TEMPERATURE
INVISCID FLOW	. GAS JETS	INLET TEMPERATURE
JOULE-THOMSON EFFECT	RT AIR JETS	IONIZED GASES
LAMINAR FLOW	COLD GAS	RAREFIED GASES
LIQUID FLOW	∞ JETS	SHOCK TUBES
MAGNETOHYDRODYNAMIC FLOW MASS FLOW	AAA LIQUEEACTION	SHOCK WAVES
MOLECULAR RELAXATION	GAS LIQUEFACTION USE CONDENSING	TEMPERATURE MEASUREMENT
MOLECULAR TRAJECTORIES	DOE CONDENSING	OAR TRANSPORT
MULTIPHASE FLOW	GAS LUBRICANTS	GAS TRANSPORT SN (ENCOMPASSES GAS
NONUNIFORM FLOW	GS LUBRICANTS	DYNAMICS-EXCLUDES MATERIALS
ORIFICE FLOW	. GAS LUBRICANTS	HANDLING)
∞ PRESSURE DROP	RT GASEOUS DIFFUSION	RT ENERGY TRANSFER
RADIAL FLOW SINGLE-PHASE FLOW	HIGH TEMPERATURE LUBRICANTS	GASEOUS DIFFUSION
STEADY FLOW	METAL-GAS SYSTEMS	HEAT TRANSFER
STEAM FLOW	SOLID LUBRICANTS	KINETIC THEORY
STREAMS	SQUEEZE FILMS	LIGHTHILL GAS MODEL MAGNETOHYDRODYNAMICS
SUBCRITICAL FLOW	GAS METERS	MASS TRANSFER
SUBSONIC FLOW	GS MEASURING INSTRUMENTS	POLLUTION TRANSPORT
SUPERCRITICAL FLOW	. FLOWMETERS	TRANSPORT THEORY
SUPERSONIC FLOW SUPERSONIC JET FLOW	GAS METERS	
TRANSONIC FLOW	RT FLOW MEASUREMENT	GAS TURBINE ENGINES
TURBULENT FLOW	VENTURI TUBES	GS ENGINES
TWO PHASE FLOW		. AIR BREATHING ENGINES
UNIFORM FLOW	GAS MIXTURES GS GASES	<b> </b>
UNSTEADY FLOW	GS GASES , <b>gas mixtures</b>	PAMJET ENGINES
VAPOR JETS	AIR	INTEGRAL ROCKET RAMJETS
VISCOUS FLOW	ALVEOLAR AIR	LOW VOLUME RAMJET ENGINE
AS GENERATOR ENGINES	COMPRESSED AIR	PULSEJET ENGINES
USE ENGINES	EXPIRED AIR	SUPERSONIC COMBUSTION
GAS GENERATORS	HIGH TEMPERATURE AIR LIQUID AIR	RAMJET ENGINES
	DETONABLE GAS MIXTURES	TURBORAMJET ENGINES TURBOJET ENGINES
AS GENERATORS	MIXTURES	BRISTOL-SIDDELEY OLYMPUS
UF GAS GENERATOR ENGINES	SOLUTIONS	583 ENGINE
RT CHEMICAL REACTORS	GAS MIXTURES	BRISTOL-SIDDELEY VIPER
∞ GENERATORS  PNEUMATIC EQUIPMENT	AIR	ENGINE
PRESSURIZING	ALVEOLAR AIR	DUCTED FAN ENGINES
VAPORIZERS	EXPIRED AIR	J-33 ENGINE J-34 ENGINE
	HIGH TEMPERATURE AIR	J-47 ENGINE
aas guns	LIQUID AIR	J-57 ENGINE
GS GAS GUNS	DETONABLE GAS MIXTURES	J-57-P-20 ENGINE
. LIGHT GAS GUNS	RT ARGON-OXYGEN ATMOSPHERES	J-65 ENGINE
RT ATMOSPHERIC ENTRY	∞ ATMOSPHERES	J-69-T-25 ENGINE
BALLISTICS ∞ GUNS	BINARY FLUIDS BINARY MIXTURES	J-71 ENGINE J-73 ENGINE
MYPERVELOCITY GUNS	CONTROLLED ATMOSPHERES	J-73 ENGINE
WIND TUNNELS	EUDIOMETERS	J-79 ENGINE
	EXHAUST GASES	J-85 ENGINE
AS HEATING	FUEL-AIR RATIO	J-93 ENGINE
GS HEATING	FUMES	RA-28 ENGINE
. GAS HEATING	GASEOUS ROCKET PROPELLANTS HELIUM-OXYGEN ATMOSPHERES	TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53
RT ARC HEATING	HYDROGEN-BASED ENERGY	ENGINE
KINETIC HEATING PLASMA HEATING	IGNITION LIMITS	CF-700 ENGINE
RADIANT HEATING	LAMINAR MIXING	CONVERTIBLE FAN-SHAFT
RESISTANCE HEATING	LIGHTHILL GAS MODEL	ENGINES
THERMAL DIFFUSION	LIQUEFIED GASES	J-97 ENGINE
	LIQUID-GAS MIXTURES	TF-41 ENGINE
GAS INJECTION	PREMIXED FLAMES PREMIXING	TURBOPROP ENGINES
GS INJECTION	FREMIAING	T-56 ENGINE
. FLUID INJECTION	GAS PATH ANALYSIS	T-84 ENGINE
. GAS INJECTION	RT GAS DYNAMICS	T-74 ENGINE
AT FORMATIONS FUEL INJECTION	GAS FLOW	TURBORAMJET ENGINES
		T-58-GE-8B ENGINE
INFLATING		
INFLATING PERFORATING PLASMA PUMPING	GAS POCKETS RT CAVITIES	INTERNAL COMBUSTION ENGINES GAS TURBINE ENGINES

		(OCHT)
GAS TURBINE ENGINES-(CONT.)	GAS TURBINE ENGINES-(CONT.)	GAS-METAL INTERACTIONS-(CONT.)
HYDROGEN ENGINES	T-38 ENGINE	SULFIDATION
JET ENGINES	T-53 ENGINE	VAPOR PHASES
RAMJET ENGINES	T-56 ENGINE	
INTEGRAL ROCKET RAMJETS	T-64 ENGINE	GASEOUS CAVITATION
LOW VOLUME RAMJET ENGINES	T-74 ENGINE	USE CAVITATION FLOW
PULSEJET ENGINES	T-78 ENGINE	GAS FLOW
SUPERSONIC COMBUSTION	TURBORAMJET ENGINES	
RAMJET ENGINES	T-58 ENGINE	GASEOUS FUELS
TURBORAMJET ENGINES	T-58-GE-8B ENGINE	GS FUELS
T-63 ENGINE	RT AIRCRAFT ENGINES	. GASEOUS FUELS
T-76 ENGINE	AXIAL FLOW TURBINES	NATURAL GAS
TURBOJET ENGINES	BRAYTON CYCLE	GASES
BRISTOL-SIDDELEY OLYMPUS	EXTERNAL COMBUSTION ENGINES	. FLAMMABLE GASES
593 ENGINE	FLAMEOUT STEAM TURBINES	. GASEOUS FUELS
BRISTOL-SIDDELEY VIPER		RT LIGNITE
ENGINE	SUPERSONIC TURBINES	LIQUID FUELS
DUCTED FAN ENGINES	TURBOGENERATORS	
J-33 ENGINE	TWO STAGE TURBINES	GASEOUS ROCKET PROPELLANTS
J-34 ENGINE		GS PROPELLANTS
J-47 ENGINE	GAS TURBINES	. ROCKET PROPELLANTS
J-52 ENGINE	GS TURBOMACHINERY	GASEOUS ROCKET PROPELLANTS
J-57 ENGINE	. TURBINES	RT CRYOGENIC ROCKET PROPELLANTS
J-57-P-20 ENGINE	GAS TURBINES	ENDOTHERMIC FUELS
J-65 ENGINE	RT AXIAL FLOW TURBINES	GAS MIXTURES
J-69-T-25 ENGINE	BRAYTON CYCLE	HIGH ENERGY PROPELLANTS
J-71 ENGINE	CLOSED CYCLES	HYBRID PROPELLANTS
J-73 ENGINE	COMBINED CYCLE POWER GENERATION	HYDROGEN FUELS
J-75 ENGINE	INTERNAL COMBUSTION ENGINES	LIQUID ROCKET PROPELLANTS
J-79 ENGINE	SPRAY INGESTION	MAN OPERATED PROPULSION SYSTEMS
J-85 ENGINE	STEAM TURBINES	MONOPROPELLANTS
J-93 ENGINE	SUPERSONIC TURBINES	STORABLE PROPELLANTS
RA-28 ENGINE	TURBOGENERATORS	+ · - · · · · · · · · · · · · · · · · ·
TURBOFAN ENGINES	TWO STAGE TURBINES	GASOHOL (FUEL)
BRISTOL-SIDDELEY BS 53	, , , , , , , , , , , , , , , , , , ,	GS FUELS
ENGINE	040 441470	
CF-700 ENGINE	GAS VALVES	. CHEMICAL FUELS
CONVERTIBLE FAN-SHAFT	GS PNEUMATIC EQUIPMENT	SYNTHETIC FUELS
ENGINES	. GAS VALVES	GASOHOL (FUEL)
J-97 ENGINE	VALVES	RT ALCOHOLS
TF-30 ENGINE	. GAS VALVES	GASOLINE
TF-41 ENGINE	RT AUTOMATIC CONTROL VALVES	
TURBOPROP ENGINES	COCKS	GASOLINE
T-34 ENGINE	DAMPERS (VALVES)	GS FUELS
T-38 ENGINE	FUEL VALVES	. CHEMICAL FUELS
T-53 ENGINE	RELIEF VALVES	HYDROCARBON FUELS
T-56 ENGINE		GASOLINE
T-64 ENGINE	GAS VISCOSITY	LIQUID FUELS
T-74 ENGINE	GS TRANSPORT PROPERTIES	GASOLINE
T-78 ENGINE	. VISCOSITY	PRODUCTS
TURBORAMJET ENGINES	GAS VISCOSITY	. PETROLEUM PRODUCTS
T-58 ENGINE	RT GASEOUS DIFFUSION	GASOLINE
T-58-GE-8B ENGINE	LENNARD-JONES GAS	RT ANTIKNOCK ADDITIVES
TURBINE ENGINES		AUTOMOBILE FUELS
GAS TURBINE ENGINES	GAS-LIQUID INTERACTIONS	DIESEL FUELS
JET ENGINES	GS GAS-LIQUID INTERACTIONS	GASOHOL (FUEL)
RAMJET ENGINES	. AIR WATER INTERACTIONS	JET ENGINE FUELS
LOW VOLUME RAMJET ENGINES	AIR SEA ICE INTERACTIONS	KEROGEN
PULSEJET ENGINES	AT CONDENSING	KEROSENE
SUPERSONIC COMBUSTION	ENERGY TRANSFER	OCTANE NUMBER
RAMJET ENGINES	EVAPORATION	SHALE OIL
TURBORAMJET ENGINES	GASEOUS DIFFUSION	SOLVENT REFINED COAL
T-63 ENGINE	HEAT TRANSFER	
T-76 ENGINE	∞INTERACTIONS	∞ GATES
TURBOJET ENGINES	INTERFACIAL TENSION	SN (USE OF A MORE SPECIFIC TERM IS
BRISTOL-SIDDELEY OLYMPUS	MASS TRANSFER	RECOMMENDED CONSULT THE TERMS
593 ENGINE	MOMENTUM TRANSFER	LISTED BELOW)
		RT CLOSURES
BRISTOL-SIDDELEY VIPER ENGINE	NONCONDENSABLE GASES SURFACE REACTIONS	GATES (CIRCUITS)
	SUNFACE REACTIONS	GATES (OPENINGS)
DUCTED FAN ENGINES J-33 ENGINE		GATES (OF ENINGS)
J-33 ENGINE	GAS-METAL INTERACTIONS	
	GS FLUID-SOLID INTERACTIONS	GAUSSMETERS
J-47 ENGINE	. GAS-SOLID INTERACTIONS	USE MAGNETOMETERS
J-52 ENGINE	GAS-METAL INTERACTIONS	
J-57 ENGINE	RT ABLATION	GAW-1 AIRFOIL
J-57-P-20 ENGINE	ADSORPTION	UF GENERAL AVIATION WHITCOMB AIRFOIL
J-65 ENGINE	CHEMICAL REACTIONS	GS AIRFOILS
J-69-T-25 ENGINE	CHEMISORPTION	. WINGS
J-71 ENGINE	∞ CONDENSATION	GAW-1 AIRFOIL
J-73 ENGINE	CONDENSING	RT ATLIT PROJECT
J-75 ENGINE	CORROSION	PA-34 SENECA AIRCRAFT
J-79 ENGINE	DIFFUSION	WING PROFILES
J-85 ENGINE	EVAPORATION	
J-93 ENGINE	EXHAUST EMISSION	CAW 2 AIREON
RA-28 ENGINE	FLAME PROPAGATION	GAW-2 AIRFOIL
TURBOFAN ENGINES	GAS WELDING	UF GENERAL AVIATION WHITCOMB AIRFOIL
BRISTOL-SIDDELEY BS 53	GASEOUS DIFFUSION	GS AIRFOILS
ENGINE	HOT CORROSION	. WINGS
CF-700 ENGINE	HYDROGEN EMBRITTLEMENT	. GAW-2 AIRFOIL
CONVERTIBLE FAN-SHAFT	∞INTERACTIONS	RT BODY-WING CONFIGURATIONS
ENGINES	METAL COMBUSTION	FLAPS (CONTROL SURFACES)
J-97 ENGINE	METAL VAPORS	GENERAL AVIATION AIRCRAFT
TF-30 ENGINE	METAL-GAS SYSTEMS	WING PROFILES
TF-41 ENGINE	OCCLUSION	
TURBOPROP ENGINES	SOLID PHASES	GC-130 AIRCRAFT
T-34 ENGINE	SUBLIMATION	USE C-130 AIRCRAFT

### **GENERAL AVIATION AIRCRAFT**

GENERAL AVIATION AIRCRAFT
UF EXECUTIVE AIRCRAFT GEOTECHNICAL FABRICS
UF GEOFABRICS GLIDERS-(CONT.) PARAGLIDERS
. INFLATABLE GLIDERS PRIVATE AIRCRAFT GEOTEXTILES GENERAL AVIATION AIRCRAFT
AGRICULTURAL AIRCRAFT
BEECHCRAFT 18 AIRCRAFT GS RT FABRICS AEROSPACE PLANES SOIL MECHANICS ∞ AIRCRAFT FLEXIBLE WINGS C-33 AIRCRAFT C-35 AIRCRAFT **GEOTEXTILES** FREE FLIGHT GLIDING LIFTING REENTRY VEHICLES GEOTECHNICAL FABRICS CESSNA 172 AIRCRAFT CESSNA 205 AIRCRAFT CESSNA 210 AIRCRAFT MILITARY AIRCRAFT **GET AWAY SPECIALS (STS)** GS CESSNA 402B AIRCRAFT CL-600 CHALLENGER AIRCRAFT SPACE SHUTTLE PAYLOADS
. GET AWAY SPECIALS (STS) OBSERVATION AIRCRAFT SAILS SAILWINGS DH 125 AIRCRAFT OSS-1 PAYLOAD DHC 2 AIRCRAFT DO-27 AIRCRAFT DO-28 AIRCRAFT SCHLEICHER AIRCRAFT SPACE SHUTTLE MISSIONS SPACEBORNE EXPERIMENTS SOARING ∞ SUBSONIC AIRCRAFT G-1 AIRCRAFT HC-3 HELICOPTER TOWED BODIES SPACELAB PAYLOADS ∞ WINGED VEHICLES YAK 40 AIRCRAFT GETOL AIRCRAFT ∞ AERONAUTICS AIR TRANSPORTATION RT GROUND EFFECT MACHINES GLIDING BOOSTGLIDE VEHICLES GETOL AIRCRAFT ∞ AIRCRAFT ∞ AIRCRAFT DESCENT CIVIL AVIATION
COMMERCIAL AIRCRAFT ∞FLIGHT FLIGHT PATHS ∞ SUBSONIC AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT COMMUTER AIRCRAFT FREE FLIGHT GAW-2 AIRFOIL GLIDE PATHS **GIMBALLESS INERTIAL NAVIGATION** HELICOPTERS NAVIGATION
INERTIAL NAVIGATION
GIMBALLESS INERTIAL NAVIGATION GLIDERS JET AIRCRAFT KA-6 SAILPLANES LIFT ∞ MOTION GYROSCOPES ВT PASSENGER AIRCRAFT SOARING INERTIAL PLATFORMS PIPER AIRCRAFT NAVIGATION INSTRUMENTS SINGLE ENGINE AIRCRAFT SINGLE ENGINE AIRCRAST
SUBSONIC AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT GLIMM METHOD ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS GIMBALS GS BEARINGS CONTROL MOMENT GYROSCOPES FLUID ROTOR GYROSCOPES ... GLIMM METHOD PROCEDURES GYRODAMPERS GLIMM METHOD **GYROSCOPES** ∞ EQUATIONS FLUID DYNAMICS GENERAL AVIATION WHITCOMB AIRFOIL PIVOTS GAW-1 AIRFOIL GAW-2 AIRFOIL STABILIZED PLATFORMS ∞ METHODOLOGY SUPPORTS **SWIVELS** GLOBAL POSITIONING SYSTEM GENERAL DYNAMICS AIRCRAFT
UF CONVAIR MILITARY AIRCRAFT AUTONOMOUS SPACECRAFT CLOCKS FLIGHT PATHS GLAUERT COEFFICIENT GENERAL DYNAMICS MILITARY AERODYNAMIC FORCES
MACH NUMBER NAVIGATION AIRCRAFT POSITION INDICATORS GENERAL DYNAMICS AIRCRAFT GS POSITIONING B-58 AIRCRAFT C-131 AIRCRAFT SATELLITE NAVIGATION SYSTEMS **GLIDE ANGLES** USE GLIDE PATHS SPACE NAVIGATION CL-41 AIRCRAFT CL-44 AIRCRAFT CL-84 AIRCRAFT GLIDE LANDINGS LANDING GLOBAL WARMING CV-340 AIRCRAFT GS GLIDE LANDINGS
.. HORIZONTAL SPACECRAFT LANDING
AIRCRAFT LANDING HEATING . ATMOSPHERIC HEATING CV-440 AIRCRAFT CV-880 AIRCRAFT GLOBAL WARMING CV-990 AIRCRAFT F-102 AIRCRAFT F-106 AIRCRAFT ATMOSPHERIC TEMPERATURE CLIMATE CHANGE CRASH LANDING DITCHING (LANDING) PLANETARY LANDING GLOBAL AIR POLLUTION GREENHOUSE EFFECT STRATOSPHERIC WARMING F-111 AIRCRAFT SOFT LANDING SPACECRAFT LANDING **∞ AIRCRAFT** CANADAIR AIRCRAFT WATER LANDING PA-34 SENECA AIRCRAFT GLOBULES FALLING SPHERES INTERFACIAL TENSION GLIDE PATHS GENERAL DYNAMICS MILITARY AIRCRAFT
USE GENERAL DYNAMICS AIRCRAFT
MILITARY AIRCRAFT GLIDE ANGLES GLIDE SLOPES LIQUIDS MICROBALLOONS FLIGHT PATHS GS SPHERES **GLIDE PATHS GENIE ROCKET VEHICLE** SLOPES MB-1 ROCKET VEHICLE ROCKET VEHICLES **GLIDE PATHS GLOSTER GA-5 AIRCRAFT** GS AIRCRAFT APPROACH SPACING APPROACH CONTROL **HT** USF **GA-5 AIRCRAFT** SINGLE STAGE ROCKET VEHICLES ASTROBEE ROCKET VEHICLES APPROACH INDICATORS **GONDOLAS** RT GLIDING AIRCRAFT COMPARTMENTS SOLID PROPELLANT ROCKET ENGINES INSTRUMENT APPROACH **AIRSHIPS** INSTRUMENT LANDING SYSTEMS TERMINAL GUIDANCE BALLOONS **GEOFABRICS** BASKETS GEOTECHNICAL FABRICS GLIDE SLOPES **GORES** GEOMAGNETIC EQUATOR
USE MAGNETIC EQUATOR GLIDE PATHS **FABRICS** PARACHUTE FABRICS **GLIDERS GEOMETRICAL ACOUSTICS** GOSS (SUPPORT SYSTEM) SAILPLANES RAY ACOUSTICS GS USE GROUND OPERATIONAL SUPPORT GLIDERS GS **ACQUISTICS** ASSET GLIDERS SYSTEM GEOMETRICAL ACQUISTICS BOOSTGLIDE VEHICLES GEOMETRICAL THEORY OF DIFFRACTION RT X-20 AIRCRAFT **GOVERNORS** HANG GLIDERS SPEED REGULATORS USE GEOMETRY HL-10 REENTRY VEHICLE HYPERSONIC GLIDERS WAVE PROPAGATION ∞ GRADE . X-20 AIRCRAFT JANUS SPACECRAFT (USE OF A MORE SPECIFIC TERM IS SN GEOMETRICAL HYDROMAGNETICS RECOMMENDED-CONSULT THE TERMS

KA-6 SAILPLANES

LISTED BELOW)

MAGNETOHYDRODYNAMICS

GRADE-	CONT.)		CREWS-(CONT.)	GROUND	STATIONS-(CONT.)
RT	ANGLES (GEOMETRY)	RT	MAINTENANCE		. GROUND STATIONS DEEP SPACE INSTRUMENTATION
	GRADIENTS LEVEL (HORIZONTAL)		FFFOT (AFRONVIAMOR)		FACILITY
	POSITION (TITLE)		EFFECT (AERODYNAMICS) AERODYNAMIC DRAG		EARTH TERMINALS
	QUALITY		AERODYNAMICS		INTEGRATED MISSION CONTROL
	SLOPES		AIR CUSHION LANDING SYSTEMS		CENTER POLYSTATION DOPPLER TRACKING
	<b>7</b> 1011		CUSHIONS		SYSTEM
GRADUA USE	CALIBRATING		DOWNWASH DRAG		SPACE DETECTION AND TRACKING
002			EFFECTS		SYSTEM
GRAEFF	CALCULUS		GROUND RESONANCE		STDN (NETWORK) DATA ACQUISITION
GS	ANALYSIS (MATHEMATICS)		JET BLAST EFFECTS LIFT		DATA COLLECTION PLATFORMS
	. CALCULUS GRAEFF CALCULUS		PERIPHERAL JET FLOW		DOWNLINKING NETHORY
	NUMERICAL ANALYSIS		WAKES		GLOBAL TRACKING NETWORK HANGARS
	GRAEFF CALCULUS				INTEGRATED GLOBAL OCEAN STATION
	r www.r.		AIR CUSHION VEHICLES		SYSTEMS
GS	F NUMBER RATIOS		DTMB-111 GROUND EFFECT MACHINE		JODRELL BANK OBSERVATORY LAND MOBILE SATELLITE SERVICE
	. DIMENSIONLESS NUMBERS		DTMB-430 GROUND EFFECT MACHINE		MSAT
	GRASHOF NUMBER		HOVERCRAFT GROUND EFFECT MACHINES		OCEAN DATA ACQUISITIONS SYSTEMS
RT	CONVECTION PRANDTL NUMBER	GS	. CUSHIONCRAFT GROUND EFFECT		POLLUTION MONITORING
	REYNOLDS NUMBER		MACHINE		SPACE FLIGHT TRACKING AND DATA NETWORK
			. GETOL AIRCRAFT		TRACKING STATIONS
GRAVITY			. HOVERCRAFT GROUND EFFECT MACHINES		WEATHER STATIONS
GS	ELASTIC WAVES . CAPILLARY WAVES		. WESTLAND GROUND EFFECT		
	. GRAVITY WAVES		MACHINES		SUPPORT EQUIPMENT
	BAROCLINIC WAVES		AIRCRAFT	GS	GROUND SUPPORT EQUIPMENT . GROUND OPERATIONAL SUPPORT
	SURFACE WAVES		COMMERCIAL AIRCRAFT EFFECTS		SYSTEM
	. CAPILLARY WAVES GRAVITY WAVES		FLIGHT VEHICLES		AIR TRAFFIC CONTROL
	BAROCLINIC WAVES		FLYING PLATFORMS		AIRCRAFT MAINTÉNANCE AIRPORT PLANNING
RT	CNOIDAL WAVES		HOVERING LIFTING ROTORS		AUXILIARY POWER SOURCES
	GRAVITATIONAL WAVES PLANETARY WAVES		MACHINERY		BALLISTIC CAMERAS
	RIPPLES	00	MILITARY AIRCRAFT		CAPE KENNEDY LAUNCH COMPLEX
	WATER WAVES		PASSENGER AIRCRAFT		COMMAND AND CONTROL COMMAND GUIDANCE
	WIND (METEOROLOGY)		PERIPHERAL JET FLOW RAPID TRANSIT SYSTEMS		CRAWLER TRACTORS
			RESEARCH AIRCRAFT		EARTH TERMINAL MEASIJREMENT
GRID GE	NERATION (MATHEMATICS) MESH GENERATION (MATHEMATICS)		SUBSONIC AIRCRAFT		SYSTEM EQUIPMENT
RT	COMPUTATIONAL FLUID DYNAMICS		SURFACE VEHICLES TRANSPORT VEHICLES		FLIGHT CONTROL
	COMPUTATIONAL GRIDS		V/STOL AIRCRAFT		GANTRY CRANES
	COORDINATES	90	VEHICLES		HANDLING EQUIPMENT
	FINITE DIFFERENCE THEORY FINITE ELEMENT METHOD		WATER TAKEOFF AND LANDING		LANDING AIDS LAUNCHING BASES
	MULTIGRID METHODS		AIRCRAFT		LAUNCHING PADS
		GROUND	HANDLING		LAUNCHING SITES
	AATHEMATICS)		MATERIALS HANDLING		MAINTENANCE MISSILE LAUNCHERS
USE	COMPUTATIONAL GRIDS		. GROUND HANDLING		MISSILE STORAGE
GRIFFON	AIRCRAFT		AIR CARGO BAGGAGE		MISSILES
	NORD 1500 AIRCRAFT		CREW PROCEDURES (PREFLIGHT)		ORDNANCE
			FACILITIES		PROPELLANT STORAGE RADIO TELEMETRY
	BASED CONTROL		FLIGHT OPERATIONS HANGARS		REFUELING
GS	GROUND BASED CONTROL . AIR TRAFFIC CONTROL		MOBILE LOUNGES		ROCKET LAUNCHERS
	AUTOMATED EN ROUTE ATC		TRACTORS		SATELLITE GROUND SUPPORT SPACECRAFT
	RADAR APPROACH CONTROL		TRUCKS		STORABLE PROPELLANTS
RT	AIR TRAFFIC CONTROLLERS	GROUND	OPERATIONAL SUPPORT SYSTEM	œ	TEST EQUIPMENT
	(PERSONNEL) AIRCRAFT APPROACH SPACING		GOSS (SUPPORT SYSTEM)		TRACKING NETWORKS
	AIRCRAFT CONTROL	GS	GROUND SUPPORT EQUIPMENT		TRACKING STATIONS
	AIRPORT SURFACE DETECTION EQUIPMENT		. GROUND OPERATIONAL SUPPORT SYSTEM	GROUND	SUPPORT SYSTEMS
	AIRPORT TOWERS		SUPPORT SYSTEMS		SUPPORT SYSTEMS
	APPROACH		. GROUND OPERATIONAL SUPPORT		GROUND SUPPORT SYSTEMS
	APPROACH CONTROL		SYSTEM		COMMONALITY SYSTEMS
	AUTOMATIC CONTROL AUTOMATIC TRAFFIC ADVISORY AND		WEAPON SYSTEMS , GROUND OPERATIONAL SUPPORT	•	STSTEMS
	RESOLUTION		SYSTEM	GROUND	TERTS
œ	CONTROL	PT ∞	SYSTEMS		GROUND TESTS
	FLIGHT CONTROL	ODOLIND.	DECOMANGE		. COLD FLOW TESTS
	FLIGHT MANAGEMENT SYSTEMS FLY BY WIRE CONTROL		RESONANCE AERODYNAMIC STABILITY		. PRELAUNCH TESTS STATIC FIRING
	GUIDANCE (MOTION)		GROUND EFFECT (AERODYNAMICS)	RT	AIRCRAFT RUNUP
	INSTRUMENT LANDING SYSTEMS		HELICOPTERS		CAPTIVE TESTS
	INTEGRATED MISSION CONTROL CENTER		ROTARY WINGS ROTOR AERODYNAMICS		CREW PROCEDURES (PREFLIGHT)
	LANDING AIDS		HOLOR ALMOD HAMINO		ELECTRIC EQUIPMENT TESTS ENGINE TESTS
	MISSILE CONTROL	GROUND	SPEED		FLIGHT TESTS
	RADAR NAVIGATION	GS	RATES (PER TIME)		FULL SCALE TESTS
	RADIO CONTROL REMOTE CONTROL		. GROUND SPEED VELOCITY		MISSILE TESTS
	SPACECRAFT CONTROL		. GROUND SPEED		PREFIGHT OPERATIONS
	SPACECRAFT GUIDANCE	RT	AIRSPEED		SPACE ELECTRIC ROCKET TESTS
	TRAFFIC CONTROL		HIGH SPEED		STABILITY TESTS
CECHINE	CREWS		LOW SPEED		STATIC TESTS TEST FIRING
GS	PERSONNEL	GROUND	STATIONS	œ	TESTS
	. GROUND CREWS	GS	STATIONS		WING FLOW METHOD TESTS

### **GROUND WIND**

**GUIDANCE (MOTION)-(CONT.)** GYRODYNE MILITARY AIRCRAFT GROUND WIND MISSILES NAVIGATION WIND (METEOROLOGY) QH-50 HELICOPTER GROUND WIND ∞ PLATFORMS **GYROPLANES** ATMOSPHERIC CIRCULATION POINTING CONTROL SYSTEMS RADIO NAVIGATION HELICOPTERS CYCLONES GUST LOADS REMOTE CONTROL STATIONKEEPING GYROS **GUSTS** USE **GYROSCOPES** ∞ SYSTEMS MONSOONS TRAJECTORY CONTROL VISUAL CONTROL SQUALLS GYROSCOPE FLUIDS
RT DAMPING STORMS (METEOROLOGY) TORNADOES WIND DIRECTION ∞ FLUIDS ROTARY GYROSCOPES SUSPENDING (HANGING) **GUIDE VANES** WIND EFFECTS JETAVATORS CONTROL SURFACES WIND EROSION GS. WIND PRESSURE GUIDE VANES **GYROSCOPES** WIND PROFILES GYROS GYROSCOPIC DRIFT JET VANES WIND SHEAR VANES WIND VELOCITY GYROSTATS GYROSCOPES GUIDE VANES WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION JET VANES GS ATTITUDE GYROS
. GYRO HORIZONS
CONTROL MOMENT GYROSCOPES
CRYOGENIC GYROSCOPES AIRFOILS RT WINDPOWERED GENERATORS HYDROFOILS THRUST VECTOR CONTROL GROUND-AIR-GROUND COMMUNICATION COMMUNICATING
GROUND-AIR-GROUND ELECTROSTATIC GYROSCOPES GYROCOMPASSES **GUST ALLEVIATORS DEFLECTORS** COMMUNICATION
TELECOMMUNICATION
GROUND-AIR-GROUND GYROSCOPIC PENDULUMS GUSTS GYROSTABILIZERS LASER GYROSCOPES MISSION ADAPTIVE WINGS **SPOILERS** COMMUNICATION
AERONAUTICAL SATELLITES
AIR TRAFFIC CONTROL NUCLEAR GYROSCOPES OPTICAL GYROSCOPES ROTARY GYROSCOPES TURBULENT FLOW RT VORTEX ALLEVIATION AIR THAFFIC COMMONICATION
AUTOMATED EN ROUTE ATC
COMMUNICATION SATELLITES
DISCRETE ADDRESS BEACON SYSTEM
OPTICAL COMMUNICATION
RADIO COMMUNICATION
RATELLITE COMMUNICATION . FLUID ROTOR GYROSCOPES TUNING FORK GYROSCOPES AUTOMATIC PILOTS **GUST LOADS** AERODYNAMIC FORCES
. AERODYNAMIC LOADS GIMBALLESS INERTIAL NAVIGATION GIMBALS GRAVITY PROBE B .. GUST LOADS LOADS (FORCES) . DYNAMIC LOADS SATELLITE COMMUNICATION SPACECRAFT COMMUNICATION GYROSCOPIC STABILITY AERODYNAMIC LOADS
GUST LOADS
TRANSIENT LOADS PRECESSION VOICE COMMUNICATION ∞ STABILIZERS TORQUERS RANDOM LOADS GROUND-TO-AIR MISSILES
USE SURFACE TO AIR MISSILES GYROSCOPIC DRIFT **GUST LOADS** GYROSCOPES GYROSCOPIC STABILITY ATMOSPHERIC TURBULENCE RT GRUMMAN AIRCRAFT
GS GRUMMAN AIRCRAFT
. A-6 AIRCRAFT BLAST LOADS GROUND WIND GYROSCOPIC PENDULUMS GUSTS PENDULOUS GYROSCOPES
GYROSCOPES C-1A AIRCRAFT STRUCTURAL DESIGN CRITERIA GS C-2 AIRCRAFT WIND PRESSURE WING LOADING GYROSCOPIC PENDULUMS E-2 AIRCRAFT F-9 AIRCRAFT OSCILLATORS
. MECHANICAL OSCILLATORS F-14 AIRCRAFT GYRO HORIZONS
GS DISPLAY DEVICES
. GYRO HORIZONS
FLIGHT INSTRUMENTS
. ATTITUDE INDICATORS PENDULUMS
GYROSCOPIC PENDULUMS F-111 AIRCRAFT JETSTREAM AIRCRAFT ACCELEROMETERS RT OV-1 AIRCRAFT DAMPING SCHULER TUNING ∞ AIRCRAFT AWACS AIRCRAFT GYRO HORIZONS GYROSCOPES ATTITUDE GYROS GYROSCOPIC STABILITY GRUMMAN OV-1C AIRCRAFT GYROSCOPIC DRIFT DYNAMIC CHARACTERISTICS OV-1 AIRCRAFT ... GYRO HORIZONS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS GS DYNAMIC STABILITY
. MOTION STABILITY
. ATTITUDE STABILITY GUIDANCE (MOTION)
GS GUIDANCE (MOTION)
. AIRCRAFT GUIDANCE
. BEAM RIDER GUIDANCE . ATTITUDE INDICATORS
... ATTITUDE INDICATORS
... GYRO HORIZONS
NAVIGATION AIDS
... NAVIGATION INSTRUMENTS
... ATTITUDE INDICATORS . DIRECTIONAL STABILITY
. GYROSCOPIC STABILITY COMMAND GUIDANCE ENTRY GUIDANCE (STS) ROTARY STABILITY GYROSCOPIC STABILITY
STABILITY
DYNAMIC STABILITY
...MOTION STABILITY
...ATTITUDE STABILITY ENTHY GUIDANCE (STS)
INERTIAL GUIDANCE
. STRAPDOWN INERTIAL GUIDANCE
INJECTION GUIDANCE
MAP MATCHING GUIDANCE
MIDCOURSE GUIDANCE GYRO HORIZONS RT HORIZON **GYROCOMPASSES** DIRECTIONAL STABILITY
OF THE PROPERTY OF THE PROPERTY STABILITY
OF THE PROPERTY STABILITY MIDCOURSE GUIDANCE REENTRY GUIDANCE RENDEZVOUS GUIDANCE SPACECRAFT GUIDANCE SATELLITE GUIDANCE **GYROSCOPES** GYROCOMPASSES MEASURING INSTRUMENTS GYROSCOPIC STABILITY INDICATING INSTRUMENTS DAMPING GYRODAMPERS . STANDARDIZED SPACE GUIDANCE
. TERMINAL GUIDANCE
. LASER GUIDANCE
AIR NAVIGATION
APPROACH
ASCENT TRAJECTORIES RT ... GYROCOMPASSES
NAVIGATION AIDS
. NAVIGATION INSTRUMENTS GYROSCOPES HOVERING STABILITY INERTIAL PLATFORMS
PRECESSION
ROTARY GYROSCOPES
SCHULER TUNING ĦΤ COMPASSES . GYROCOMPASSES MAGNETIC COMPASSES RT **ASTRIONICS** RADIO DIRECTION FINDERS SOLAR COMPASSES AUTOMATIC CONTROL SEA KEEPING STABILIZED PLATFORMS AVIONICS
CONTROL SURFACES
FLIGHT CONTROL
FLIGHT PATHS
GROUND BASED CONTROL STABLE OSCILLATIONS YO-YO DEVICES GYRODYNE AIRCRAFT
GS GYRODYNE AIRCRAFT
. QH-50 HELICOPTER **GYROSTABILIZERS** HOMING ∞ AIRCRAFT **GYROSCOPES** GS HOMING DEVICES **GYROSTABILIZERS** IMPACT PREDICTION ĦΤ NAVIGATION AIDS GYRODYNE DSN-3 HELICOPTER
USE QH-50 HELICOPTER

SEA KEEPING

LANDING

MANUAL CONTROL

### HAWK MISSILE

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. ROTARY WING AIRCRAFT SIKORSKY AIRCRAFT
. H-60 HELICOPTER
V/STOL AIRCRAFT GS ATTACK AIRCRAFT
FIGHTER AIRCRAFT HELICOPTERS ... H-17 HELICOPTER

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AIRCRAFT HANGARS

AIRFIELD SURFACE MOVEMENTS

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SURFACE TO AIR MISSILES

### HAWKER HUNTER AIRCRAFT

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GS HAWKER SIDDELEY AIRCRAFT
ARGOSY MK-1 AIRCRAFT
AVRO 707 AIRCRAFT
BUCCANEER AIRCRAFT HEAT . HEAT OF COMBUSTION THERMODYNAMIC PROPERTIES HEAT . DRY HEAT . THERMOCHEMICAL PROPERTIES ... HEAT OF COMBUSTION COMBUSTION PHYSICS ENTHALPY GIBBS FREE ENERGY BT HEAT OF DISSOCIATION HEAT OF FORMATION HEAT OF SOLUTION BUCCANEER AIRCHAFT
COMET 4 AIRCRAFT
DH 112 AIRCRAFT
DH 115 AIRCRAFT
DH 121 AIRCRAFT
DH 125 AIRCRAFT
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THERMOCHEMICAL PROPERTIES HEAT OF COMBUSTION NUCLEAR HEAT PROCESS HEAT GA-5 AIRCRAFT HARRIER AIRCRAFT LATENT HEAT HEAT OF VAPORIZATION HS-748 AIRCRAFT HEAT SPECIFIC HEAT HS-801 AIRCRAFT P-1052 AIRCRAFT P-1127 AIRCRAFT ENTHALPY **ACTIVATION ENERGY** ... LATENT HEAT
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THERMOCHEMICAL PROPERTIES **VULCAN AIRCRAFT** ∞ AIRCRAFT THERMAL ENERGY THERMAL INSULATION THERMAL RADIATION LATENT HEAT

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SPACECRAFT TEMPERATURE TRANSPORT AIRCRAFT
. HC-3 HELICOPTER HEAT DISSIPATION COOLING UTILITY AIRCRAFT . HC-3 HELICOPTER V/STOL AIRCRAFT HEAT PUMPS
RT AIR CONDITIONING HEAT DISSIPATION CHILLING COOLING . ROTARY WING AIRCRAFT AIR CONDITIONING EQUIPMENT HELICOPTERS CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS . MILITARY HELICOPTERS HEAT EFFECTS HC-3 HELICOPTER
PASSENGER AIRCRAFT GEOTHERMAL ENERGY EXTRACTION HEATING EQUIPMENT TEMPERATURE EFFECTS RT HEAT EXCHANGERS REFRIGERATING MACHINERY RESIDENTIAL ENERGY HD-1 GROUND EFFECT MACHINES HEAT EXCHANGERS
. TUBE HEAT EXCHANGERS HOVERCRAFT GROUND EFFECT SPACE COOLING (BUILDINGS)
THERMOELECTRIC COOLING MACHINES CONDENSERS (LIQUEFIERS) COOLANTS COOLING WASTE HEAT HEAD (FLUID MECHANICS) FLUID FLOW
. HEAD (FLUID MECHANICS) COOLING FINS COOLING SYSTEMS COUNTERFLOW HEAT REGULATION TEMPERATURE CONTROL HEAD FLOW PRESSURE HEADS EVAPORATORS ELEVATION HEAT RESISTANCE RT **EXCHANGERS** GEOPOTENTIAL HEIGHT HYDROSTATIC PRESSURE FINNED BODIES THERMAL RESISTANCE GAS COOLING GEOTHERMAL ENERGY EXTRACTION **HYDROSTATICS** HEAT RESISTANT ALLOYS LIQUID FLOW HEATING HIGH TEMPERATURE ALLOYS UF HEATING EQUIPMENT REGENERATIVE COOLING PRESSURE SUPERALLOYS SCALE HEIGHT GS ALLOYS REGENERATORS HEAT RESISTANT ALLOYS
. NIMONIC ALLOYS
. REFRACTORY METAL ALLOYS HEAD (PRESSURE) SNAP SNAP 1 PRESSURE HEADS USE SNAP 2 MOLYBDENUM ALLOYS SNAP B RENE 41 **HEAD FLOW** RENE 63 SNAP 10A FLUID FLOW SPACE COOLING (BUILDINGS)
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS RENE 77 . HEAD (FLUID MECHANICS) NIOBIUM ALLOYS OSMIUM ALLOYS HEAD FLOW BASE FLOW BLASIUS FLOW RT WASTE HEAT RHENIUM ALLOYS INLET FLOW WATER HEATING TANTALUM ALLOYS TUNGSTEN ALLOYS LIQUID FLOW UDIMET ALLOYS WASPALOY ∞ PRESSURE DROP HEAT FLOW HEAT TRANSMISSION ALUMINIDES RT HEAD-UP DISPLAYS CERMETS DISPLAY DEVICES GS CHROMIUM ALLOYS HEAD-UP DISPLAYS **HEAT GAIN** 

HEATING

USE

COBALT ALLOYS

RT

AVIONICS

# HELICOPTER ATTITUDE INDICATORS

HEAT	RESISTANT ALLOYS-(CONT.)	HEAT	TRANSFER-(CONT.)	HEATIN	G-(CONT.)
HEAT	HAFNIUM ALLOYS		TRANSFERRING		COOLING
	NICKEL ALLOYS		TRANSPORT PROPERTIES		DECARBURIZATION DEFROSTING
	REFRACTORY METALS		WASTE ENURGY UTILIZATION		ENVIRONMENTAL ENGINEERING
	SULFIDATION				GEOTHERMAL ENERGY EXTRACTION
	SUPERPLASTICITY		TRANSFER COEFFICIENTS		GEOTHERMAL ENERGY UTILIZATION
		SN	(HEAT FLUX PER UNIT AREA PER UNIT TEMPERATURE DIFFERENCE)		HEAT EXCHANGERS
	SINKS THERMAL SINKS	GS	COEFFICIENTS		HEAT GENERATION
UF GS	SINKS	GS	HEAT TRANSFER COEFFICIENTS		HEAT TRANSFER HEAT TRANSFER COEFFICIENTS
uo.	. HEAT SINKS	RT	ACCOMMODATION COEFFICIENT		HEAT TREATMENT
RT	ABLATIVE MATERIALS		EVAPORATION RATE		HEATING EQUIPMENT
	ABSORBERS (MATERIALS)		HEATING		HILSCH TUBES
	COOLING SYSTEMS		MASS FLOW FACTORS NUCLEATE BOILING		HYDROTHERMAL SYSTEMS
	ENDOTHERMIC REACTIONS ENERGY ABSORPTION		NOCEATE BOILING		ICE PREVENTION
	REENTRY SHIELDING		TRANSMISSION		INTEGRATED ENERGY SYSTEMS JACKETS
	REGENERATORS	UF	HEAT FLOW		LASER ANNEALING
	THERMAL ABSORPTION	GS	TRANSMISSION		LASER WELDING
	THERMAL INSULATION		. HEAT TRANSMISSION		MELTING
			. HEAT TRANSFER		MODULAR INTEGRATED UTILITY SYSTE
	TESTS		AERODYNAMIC HEAT TRANSFER		∞ RADIATION
USE	HIGH TEMPERATURE TESTS		HYPERSONIC HEAT TRANSFER		ROASTING
			SUPERSONIC HEAT TRANSFER CONDUCTIVE HEAT TRANSFER		SINTERING ∞ SOAKING
	TRANSFER		CONVECTIVE HEAT TRANSFER		TEMPERATURE
SN	(TRANSMISSION ACROSS AN		LAMINAR HEAT TRANSFER		TEMPERATURE CONTROL
	INTERFACE) NONADIABATIC PROCESSES		RADIATIVE HEAT TRANSFER		TEMPERATURE DISTRIBUTION
UF GS	TRANSMISSION		TURBULENT HEAT TRANSFER		THERMAL CYCLING TESTS
GO	. HEAT TRANSMISSION	RT	ADIABATIC EQUATIONS		THERMAL SHOCK
	. HEAT TRANSFER		ANNULAR FLOW		THERMAL STRESSES
	AERODYNAMIC HEAT TRANSFER		CONVECTION CONVECTIVE FLOW		VAPORIZING WASTE ENERGY UTILIZATION
	HYPERSONIC HEAT TRANSFER		DUCTED FLOW		WASTE ENERGY OTHEREATION
	SUPERSONIC HEAT TRANSFER		EQUILIBRIUM FLOW		
	CONDUCTIVE HEAT TRANSFER CONVECTIVE HEAT TRANSFER		∞FLOW	HEAVIN RT	BENDING
	LAMINAR HEAT TRANSFER		FLUID FLOW		∞ BOWS
	RADIATIVE HEAT TRANSFER		GEOPHYSICS		BUCKLING
	TURBULENT HEAT TRANSFER		GEOTHERMAL ENERGY CONVERSION		DISPLACEMENT
RT	ADVECTION		GEOTHERMAL ENERGY EXTRACTION GEOTHERMAL RESOURCES		DISTORTION
	ATMOSPHERIC HEAT BUDGET		MASS FLOW FACTORS		FLEXING
	BATHS		NONEQUILIBRIUM FLOW		∞ MOTION
	BIOT NUMBER		POTENTIAL FLOW		PITCH (INCLINATION)
	BOILING BOUSSINESQ APPROXIMATION		RADIAL FLOW		WARPAGE
	CHEMICAL ENGINEERING		RADIATIVE TRANSFER		
	COMPRESSIBILITY EFFECTS		STEADY FLOW		LIFT AIRSHIPS AIRSHIPS
	∞ CONDUCTION		THERMAL ANALYSIS THERMAL INSULATION	GS	. HEAVY LIFT AIRSHIPS
	COOLING		THERMOHYDRAULICS	RT	MATERIALS HANDLING
	COUNTERFLOW		UNIFORM FLOW	• • • • • • • • • • • • • • • • • • • •	ROTORS
	CRYOGENIC COOLING		UNSTEADY FLOW		
	DIFFUSE RADIATION DIMENSIONLESS NUMBERS		WALL FLOW	HEAVY	LIFT HELICOPTERS
	ENERGY TRANSFER			GS	V/STOL AIRCRAFT
	FILM BOILING	HEATI	NG		. ROTARY WING AIRCRAFT
	FILM CONDENSATION	UF	HEAT GAIN		HELICOPTERS
	FLAT PLATES		PREHEATING		MILITARY HELICOPTERS
	FLUID BOUNDARIES		REHEATING WARMING		HEAVY LIFT HELICOPTERS CH-62 HELICOPTER
	FORCED CONVECTION GAS TRANSPORT	GS	HEATING	RT	AIR CARGO
	GAS-LIQUID INTERACTIONS	•	. ARC HEATING		∞ AIRCRAFT
	GAS-SOLID INTERFACES		. ATMOSPHERIC HEATING		CARGO AIRCRAFT
	GEOTHERMAL ENERGY CONVERSION		GLOBAL WARMING		HELICOPTER DESIGN
	GEOTHERMAL TECHNOLOGY		STRATOSPHERIC WARMING		
	HEATING		. BAKING . BASE HEATING	HEAVY	LIFT LAUNCH VEHICLES
	HOT SURFACES LEIDENFROST PHENOMENON		. GAS HEATING	UF	HLLV
	LEWIS NUMBERS		. INDUCTION HEATING	GS	LAUNCH VEHICLES
	LIQUID-LIQUID INTERFACES		. IONOSPHERIC HEATING		HEAVY LIFT LAUNCH VEHICLES
	LIQUID-SOLID INTERFACES		. KINETIC HEATING	RT	ADVANCED LAUNCH SYSTEM (STS) ROCKET ENGINES
	LIQUID-VAPOR INTERFACES		AERODYNAMIC HEATING		∞ ROCKETS
	MASS TRANSFER		SHOCK HEATING		SPACECRAFT LAUNCHING
	MECHANICAL ENGINEERING METAL VAPORS		, LASER HEATING , MAGNETOHYDRODYNAMIC SHEAR		∞ VEHICLES
	NONADIABATIC CONDITIONS		HEATING		
	NONGRAY GAS		PASTEURIZING	HEE (H	IGH ENERGY FUELS)
	NONISOTHERMAL PROCESSES		. PLASMA HEATING		HIGH ENERGY FUELS
	NUCLEATE BOILING		ELECTRON CYCLOTRON HEATING		
	NUSSELT NUMBER		RADIANT HEATING	MEINKE	L AIRCRAFT
	PECLET NUMBER		. RADIO FREQUENCY HEATING		∞ AIRCRAFT
	PHASE CHANGE MATERIALS		. RESISTANCE HEATING . SOLAR HEATING	n,	Write (O) IFN 1
	PRANDTL NUMBER RADIATIVE TRANSFER		. SPACE HEATING (BUILDINGS)		1 5100
	RAYLEIGH EQUATIONS		. SUPERHEATING		IL FLOW FLUID FLOW
	REUSABLE HEAT SHIELDING		. TRANSIENT HEATING	GS	. HELICAL FLOW
	STAGNATION POINT		PULSE HEATING	AT	AXISYMMETRIC FLOW
	STANTON NUMBER		SHOCK HEATING		FLOW GEOMETRY
	TEMPERATURE PROFILES		. WATER HEATING		∞ HELICES
	TEMPERATURE RATIO	AT	AIR CONDITIONING		MAGNETOHYDRODYNAMIC STABILITY
	THERMAL DIFFUSION THERMAL EXPANSION		ANNEALING AUTOCLAVING		THREE DIMENSIONAL FLOW
	THERMAL EXPANSION THERMAL INSULATION		BOILING		
	THERMAL POLLUTION		CEMENTATION	HELICO	PTER ATTITUDE INDICATORS
	THERMODYNAMICS		∞ CONDUCTION	USE	ATTITUDE INDICATORS
	THERMOMIGRATION		CONVECTION		HELICOPTERS

# **HELICOPTER CONTROL**

HELICO	PTER CONTROL	HELK	OPTERS	HELIC	OPTERS-(CONT.)
GS	AIRCRAFT CONTROL	UF	DRONE HELICOPTERS		TILT ROTOR RESEARCH AIRCRAFT
RT	HELICOPTER CONTROL		GYROPLANES HELICOPTER ATTITUDE INDICATORS		PROGRAM UTILITY AIRCRAFT
н	AIRBORNE RADAR APPROACH ATTITUDE CONTROL	GS	V/STOL AIRCRAFT		V-22 AIRCRAFT
	AUTOMATIC CONTROL		. ROTARY WING AIRCRAFT		VERTICAL TAKEOFF AIRCRAFT
	∞ CONTROL		HELICOPTERS		WESER AIRCRAFT
	CONTROLLABILITY		ALOUETTE HELICOPTERS		WESTLAND AIRCRAFT XV-15 AIRCRAFT
	DIRECTIONAL CONTROL FLIGHT CONTROL		SA-330 HELICOPTER SE-3160 HELICOPTER		XV-15 AIRCHAFT
	HARMONIC CONTROL		COMPOUND HELICOPTERS	HELIO	AIRCRAFT
	HELICOPTERS		H-17 HELICOPTER	UF	HELIO MILITARY AIRCRAFT
	LATERAL CONTROL		LIGHT HELICOPTERS	GS	HELIO AIRCRAFT
	LONGITUDINAL CONTROL		OH-4 HELICOPTER OH-5 HELICOPTER		. U-10 AIRCRAFT
	MANUAL CONTROL SPEED CONTROL		OH-6 HELICOPTER	₽T	∞ AIRCRAFT
	TAIL ROTORS		OH-58 HELICOPTER	MELIO	MILITARY AIRCRAFT
			MILITARY HELICOPTERS	USE	HELIO AIRCRAFT
HELICO	PTER DESIGN		AH-1G HELICOPTER		
GS	AIRCRAFT DESIGN		AH-64 HELICOPTER BELL 214A HELICOPTER	HELIO	
RT	. HELICOPTER DESIGN COMPOUND HELICOPTERS		BO-105 HELICOPTER	RT	∞INSTRUMENTS
n.	COMPUTER AIDED DESIGN		CH-3 HELICOPTER		MIRRORS REFLECTORS
	∞ DESIGN		CH-21 HELICOPTER		SERVOMOTORS
	ENGINE DESIGN		CH-34 HELICOPTER		SOLAR REFLECTORS
	HEAVY LIFT HELICOPTERS		CH-46 HELICOPTER CH-47 HELICOPTER		SYNCHRONIZERS
	HELICOPTERS PRODUCT DEVELOPMENT		CH-54 HELICOPTER		
	ROTOR BODY INTERACTIONS		H-19 HELICOPTER	HELIPO	
	STREAMLINING		H-43 HELICOPTER	GS	AIRPORTS
	STRUCTURAL DESIGN		H-53 HELICOPTER	RT	. HELIPORTS AIR TRAFFIC CONTROL
	UH-60A HELICOPTER		H-54 HELICOPTER H-56 HELICOPTER	***	AIRPORT PLANNING
	UH-61A HELICOPTER		H-56 HELICOPTER		AIRPORT TOWERS
	WHIRL TOWERS		HC-3 HELICOPTER		HANGARS
HELICO	PTER ENGINES		HEAVY LIFT HELICOPTERS		HELICOPTERS LANDING AIDS
GS	AIRCRAFT ENGINES		CH-62 HELICOPTER		LANDING SITES
	HELICOPTER ENGINES		HH-43 HELICOPTER		MILITARY AIR FACILITIES
	ENGINES		OH-5 HELICOPTER		NAVIGATION AIDS
	. INTERNAL COMBUSTION ENGINES HELICOPTER ENGINES		OH-6 HELICOPTER		SOLAR COMPASSES
RT	CONVERTIBLE FAN-SHAFT ENGINES		OH-13 HELICOPTER		V/STOL AIRCRAFT
	HELICOPTERS		OH-23 HELICOPTER		
	JET ENGINES		OH-58 HELICOPTER	∞ HELMH SN	IOLTZ EQUATIONS  (USE OF A MORE SPECIFIC TERM IS
	T-53 ENGINE		P-531 HELICOPTER	314	RECOMMENDED-CONSULT THE TERMS
	T-55 ENGINE		S-58 HELICOPTER		LISTED BELOW)
	T-58 ENGINE T-58-GE-88' ENGINE		S-61 HELICOPTER	RT	∞ EQUATIONS
	T-63 ENGINE		SA-321 HELICOPTER		HELMHOLTZ VORTICITY EQUATION
	T-64 ENGINE		SA-330 HELICOPTER		KELVIN-HELMHOLTZ INSTABILITY TIME DEPENDENCE
	T-74 ENGINE		SH-3 HELICOPTER		WAVE EQUATIONS
	T-76 ENGINE		SIKORSKY WHIRLWIND		
HELIOO!	PTER IMPULSIVE NOISE		HELICOPTER	HELMH	OLTZ VORTICITY EQUATION
USE	BLADE SLAP NOISE		UH-1 HELICOPTER	GS	ANALYSIS (MATHEMATICS)
002	DENDE GEN MONGE		UH-2 HELICOPTER		REAL VARIABLES
HELICO	PTER PERFORMANCE		UH-34 HELICOPTER		DIFFERENTIAL EQUATIONS
GS	AIRCRAFT PERFORMANCE		UH-61A HELICOPTER		PARTIAL DIFFERENTIAL EQUATIONS HELMHOLTZ VORTICITY
	. HELICOPTER PERFORMANCE		WESTLAND WHIRLWIND		EQUATION
AT	AERODYNAMIC STABILITY AIRCRAFT RELIABILITY		HELICOPTER		VORTICITY EQUATIONS
	CONTROLLABILITY		XV-9A AIRCRAFT		HELMHOLTZ VORTICITY
	FLIGHT CHARACTERISTICS		RIGID ROTOR HELICOPTERS		EQUATION
	FLIGHT ENVELOPES		F-28 HELICOPTER		EQUATIONS OF MOTION . KINETIC EQUATIONS
	HELICOPTERS		XH-51 HELICOPTER		HYDRODYNAMIC EQUATIONS
	MANEUVERABILITY		TANDEM ROTOR HELICOPTERS		HELMHOLTZ VORTICITY EQUATION
HELICO	PTER PROPELLER DRIVE		CH-46 HELICOPTER		FLOW EQUATIONS
GS	MECHANICAL DRIVES		CH-47 HELICOPTER H-25 HELICOPTER		. VORTICITY EQUATIONS HELMHOLTZ VORTICITY EQUATION
	. PROPELLER DRIVE		TH-55 HELICOPTER	RT	∞EQUATIONS
	HELICOPTER PROPELLER DRIVE	RT	AIRBORNE RADAR APPROACH	•••	®HELMHOLTZ EQUATIONS
RT	HELICOPTERS		∞ AIRCRAFT		VORTICITY
	JET PROPULSION ROTARY WINGS		AIRCRAFT SURVIVABILITY		
	TILTED PROPELLERS		BLADE SLAP NOISE BLADE-VORTEX INTERACTION		LES AIRCRAFT
	VARIABLE PITCH PROPELLERS		GENERAL AVIATION AIRCRAFT	USE	C-130 AIRCRAFT
			GROUND RESONANCE		
	PTER ROTORS		H-56 HELICOPTER	HERME GS	S MANNED SPACEPLANE MANNED SPACECRAFT
USE	ROTARY WINGS		HELICOPTER CONTROL	ds	. SPACE SHUTTLES
HEI ICO	PTER TAIL ROTORS		HELICOPTER DESIGN HELICOPTER ENGINES		HERMES MANNED SPACEPLANE
GS	ROTATING BODIES		HELICOPTER PERFORMANCE		REENTRY VEHICLES
	. ROTORS		HELICOPTER PROPELLER DRIVE		. RECOVERABLE SPACECRAFT
	TAIL ROTORS		HELICOPTER TAIL ROTORS		. REUSABLE SPACECRAFT SPACE SHUTTLES
	HELICOPTER TAIL ROTORS		HELICOPTER WAKES		HERMES MANNED SPACEPLANE
RT	HELICOPTERS ROTARY WINGS		HELIPORTS	RT	FRENCH SPACE PROGRAM
	© ROTOR BLADES		NAP-OF-THE-EARTH NAVIGATION		SPACE TRANSPORTATION SYSTEM
	<del></del>		RECOVERY VEHICLES		SPACECRAFT DESIGN
HELICO	PTER WAKES		ROTOR SYSTEMS RESEARCH AIRCRAFT		
GS	WAKES		ROTORCRAFT AIRCRAFT SHORT TAKEOFF AIRCRAFT		O AIRCRAFT
	AIRCRAFT WAKES		SHORT TAKEOFF AIRCRAFT	UF GS	HAMBURGER HFB-320 AIRCRAFT HAMBURGER AIRCRAFT
RT	HELICOPTER WAKES DOWNWASH		TILT ROTOR AIRCRAFT	33	. HFB-320 AIRCRAFT
	HELICOPTERS				JET AIRCRAFT

### HIGH TEMPERATURE TESTS

HIGH SPEED PHOTOGRAPHY-(CONT.) HIGH ENERGY FUELS HFB-320 AIRCRAFT-(CONT.) (HEAT CONTENT GREATER THAN OR EQUAL TO APPROXIMATELY 25,000 HIGH SPEED PHOTOGRAPHY . HFB-320 AIRCRAFT MONOPLANES PHOTOGRAPHIC RECORDING BTU/LB) . HFB-320 AIRCRAFT PASSENGER AIRCRAFT . HFB-320 AIRCRAFT HEF (HIGH ENERGY FUELS) HIGH SPEED TRANSPORTATION GS FUELS RAPID TRANSIT SYSTEMS CHEMICAL FUELS TRANSPORT AIRCRAFT
HFB-320 AIRCRAFT .. HIGH ENERGY FUELS ADDITIVES HIGH TEMPERATURE RT ~ AIRCRAFT RT BORON COMPOUNDS TEMPERATURE GS HIGH TEMPERATURE CATALYSTS
CRYOGENIC ROCKET PROPELLANTS HH-43 HELICOPTER RT SIALON HH-43B HELICOPTER HUSKIE HELICOPTER HYBRID PROPELLANTS
HYDROCARBON FUELS TEMPERATURE MEASUREMENT KAMAN AIRCRAFT GS HIGH TEMPERATURE AIR . HH-43 HELICOPTER UTILITY AIRCHAFT HIGH ENERGY PROPELLANTS HOT AIR UF PROPELLANTS
HIGH ENERGY PROPELLANTS GS GASES HH-43 HELICOPTER GAS MIXTURES V/STOL AIRCRAFT DOMINO PROPELLANTS ROTARY WING AIRCRAFT CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS HIGH TEMPERATURE AIR
HIGH TEMPERATURE GASES **HELICOPTERS** MILITARY HELICOPTERS HYBRID PROPELLANTS . HIGH TEMPERATURE AIR HH-43 HELICOPTER LIQUID ROCKET PROPELLANTS HIGH TEMPERATURE FLUIDS
HIGH TEMPERATURE GASES HIGH TEMPERATURE AIR HIGH PRESSURE HH-43B HELICOPTER HH-43 HELICOPTER PRESSURE MIXTURES GS HIGH PRESSURE
ANTICYCLONES
CRITICAL PRESSURE
DEGENERATE MATTER
HYPERBARIC CHAMBERS SOLUTIONS . GAS MIXTURES RT HHX HELICOPTER H-53 HELICOPTER HIGH TEMPERATURE AIR USE LOW PRESSURE SUPERCRITICAL PRESSURES HIGH TEMPERATURE ALLOYS HIGH ACCELERATION HEAT RESISTANT ALLOYS RATES (PER TIME) TRANSITION PRESSURE ACCELERATION (PHYSICS)
. HIGH ACCELERATION VACUUM HIGH TEMPERATURE FLUIDS HIGH TEMPERATURE FLUIDS

HIGH TEMPERATURE GASES

HIGH TEMPERATURE AIR ∞ ACCELERATION GS » HIGH RESISTANCE SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS ACCELERATION STRESSES (PHYSIOLOGY) ACCELERATION TOLERANCE ELECTRON RUNAWAY (PLASMA ∞ FLUIDS HYDRAULIC FLUIDS PLASMAS (PHYSICS) WORKING FLUIDS LISTED BELOW)
CHEMICAL PROPERTIES PHYSICS) RT MECHANICAL SHOCK ELECTRICAL RESISTANCE FLOW RESISTANCE ∞ MOTION SHOCK RESISTANCE MECHANICAL PROPERTIES HIGH TEMPERATURE GASES
UF HOT GAS SYSTEMS ∞ PHYSICAL PROPERTIES HIGH ALT TARGET AND BACKGROUND MEASUREMENT ∞ RESISTANCE HOT GASES RUGGEDNESS HOT JET EXHAUST THERMAL RESISTANCE GASES HITAB PROGRAM GS . HIGH TEMPERATURE GASES
. HIGH TEMPERATURE AIR
HIGH TEMPERATURE FLUIDS MEASUREMENT RT HIGH REYNOLDS NUMBER TARGET ACQUISITION (RN ABOVE 3,000) HIGH TEMPERATURE GASES
HIGH TEMPERATURE AIR
COMBUSTION PRODUCTS
EXHAUST EMISSION
IONIZED GASES RATIOS GS HIGH ALTITUDE DIMENSIONLESS NUMBERS HIGH ALTITUDE FLIGHT . REYNOLDS NUMBER RT GS HIGH ALTITUDE LOW REYNOLDS NUMBER ЯT MIDALTITUDE AT PNEUMATIC PROBES SKYHOOK BALLOONS UPPER ATMOSPHERE RAREFIED GASES SHOCK WAVE PROPAGATION HIGH SPEED HIGH SPEED FLIGHT RATES (PER TIME) . HIGH SPEED GS HIGH ALTITUDE BALLOONS
GS EXPANDABLE STRUCTURES
, INFLATABLE STRUCTURES HIGH TEMPERATURE PROPELLANTS **PROPELLANTS** VELOCITY HIGH SPEED HIGH TEMPERATURE PROPELLANTS ELECTROTHERMAL ENGINES
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS AIRSPEED ESCAPE VELOCITY BALLOONS RT HIGH ALTITUDE BALLOONS JIMSPHERE BALLOONS SKYHOOK BALLOONS GROUND SPEED HYPERSONIC SPEED ION PROPULSION NUCLEAR PROPULSION SUPERPRESSURE BALLOONS
BALLOON-BORNE INSTRUMENTS LANDING SPEED LIGHT SPEED PLASMA ENGINES SOLID PROPELLANTS STORABLE PROPELLANTS RELATIVISTIC VELOCITY GAS BAGS METEOROLOGICAL BALLOONS ROTOR SPEED ROBIN BALLOONS ROCKOONS SUPERSONIC SPEED HIGH TEMPERATURE TESTS HIGH SPEED CAMERAS HEAT TESTS ENVIRONMENTAL TESTS OPTICAL EQUIPMENT . CAMERAS GS HIGH ALTITUDE FLIGHT . HIGH TEMPERATURE TESTS BOMB CALORIMETERS USE FLIGHT HIGH SPEED CAMERAS HIGH ALTITUDE RТ ... FRAMING CAMERAS
PHOTOGRAPHIC EQUIPMENT CALORIMETERS CHEMICAL TESTS COLD STRENGTH HIGH ALTITUDE PRESSURE CAMERAS . HIGH SPEED CAMERAS
... FRAMING CAMERAS
BALLISTIC CAMERAS
FRAME PHOTOGRAPHY
HIGH SPEED PHOTOGRAPHY GS COLD WEATHER TESTS LOW PRESSURE CRYOSTATS HIGH ALTITUDE PRESSURE DROP CALORIMETERS RT ALTITUDE TOLERANCE ATMOSPHERIC PRESSURE HYPOBARIC ATMOSPHERES FLAME CALORIMETERS HARDNESS TESTS ROTATING MIRRORS
STREAK PHOTOGRAPHY
STROBOSCOPES HANDRESS TESTS
LUBRICANT TESTS
MATERIALS TESTS
MELTING POINTS
NONDESTRUCTIVE TESTS VACUUM CHAMBERS HIGH ASPECT RATIO TEMPERATURE CONTROL RATIOS ASPECT RATIO HIGH SPEED FLIGHT ∞ TESTS FLIGHT HIGH SPEED USE

HIGH SPEED PHOTOGRAPHY

**PHOTOGRAPHY** 

HIGH ASPECT RATIO

HIGH ASPECT RATIO WINGS
USE SLENDER WINGS

THERMAL EXPANSION THERMAL RESISTANCE THERMAL SHOCK

THERMAL STABILITY

### HIGH THRUST

HIGH TEMPERATURE TESTS-(CONT.)
THERMODYNAMIC PROPERTIES TRANSPORT PROPERTIES

HIGH THRUST THRUST GS HIGH THRUST RT JET THRUST LOW THRUST ROCKET THRUST THRUST AUGMENTATION VARIABLE THRUST

HIGHLY MANEUVERABLE AIRCRAFT HIMAT

UF RT AIRBORNE/SPACEBORNE COMPUTERS AIRCRAFT MANEUVERS AUTOMATIC FLIGHT CONTROL AUTOMATIC PILOTS COMPUTERIZED SIMULATION FIGHTER AIRCRAFT FLIGHT CHARACTERISTICS FLIGHT TESTS REMOTELY PILOTED VEHICLES

HUACKING

AIR PIRACY

HILLER AIRCRAFT

HILLER MILITARY AIRCRAFT HILLER AIRCRAFT GS OH-5 HELICOPTER ∞ AIRCRAFT RT

HILLER MILITARY AIRCRAFT HILLER AIRCRAFT MILITARY AIRCRAFT

HILSCH TUBES

VORTEX TUBES UF ŘΤ COAXIAL FLOW COOLING HEATING ∞TUBES

VORTEX GENERATORS VORTICES

HIMAT

HIGHLY MANEUVERABLE AIRCRAFT

HINGE MOMENTS

HINGED ROTOR BLADES HINGES **ROTARY WINGS** 

HINGELESS ROTORS
USE RIGID ROTORS

HITAB PROGRAM

HIGH ALT TARGET AND BACKGROUND MEASUREMENT

HL-10 REENTRY VEHICLE

GLIDERS . HL-10 REENTRY VEHICLE LIFTING BODIES LIFTING REENTRY VEHICLES
... HL-10 REENTRY VEHICLE
REENTRY VEHICLES MANEUVERABLE REENTRY BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE HYPERSONIC GLIDERS RT

HLD-35 REENTRY VEHICLE

LIFTING BODIES
LIFTING REENTRY VEHICLES HLD-35 REENTRY VEHICLE REENTRY VEHICLES
. MANEUVERABLE REENTRY BODIES

LIFTING REENTRY VEHICLES

HYPERSONIC GLIDERS ЯT

HLLV

USE HEAVY LIFT LAUNCH VEHICLES

**HO-4 HELICOPTER** OH-4 HELICOPTER HO-5 HELICOPTER OH-5 HELICOPTER

HO-6 HELICOPTER
USE OH-6 HELICOPTER

**HODOGRAPHS** 

CHAPLYGIN EQUATION KINEMATICS VECTOR SPACES

HOGBACKS RIDGES

HOLOGRAPHIC INTERFEROMETRY INTERFEROMETRY

HOLOGRAPHIC INTERFEROMETRY

COHERENT LIGHT DIFFRACTION PATTERNS HOLOGRAPHY LASER OUTPUTS MOIRE INTERFEROMETRY SCATTER PLATES (OPTICS) SPECKLE HOLOGRAPHY WAVE FRONT RECONSTRUCTION

HOLOGRAPHY

IMAGERY HOLOGRAPHY ACOUSTICAL HOLOGRAPHY MICROWAVE HOLOGRAPHY SPECKLE HOLOGRAPHY WHITE LIGHT HOLOGRAPHY

PHOTOGRAPHY HOLOGRAPHY

ACOUSTICAL HOLOGRAPHY MICROWAVE HOLOGRAPHY SPECKLE HOLOGRAPHY

.. WHITE LIGHT HOLOGRAPHY COHERENT ELECTROMAGNETIC RADIATION RT COHERENT LIGHT DATA STORAGE

DIFFERENTIAL INTERFEROMETRY HOLE BURNING
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHIC SPECTROSCOPY
HOLOGRAPHIC SUBTRACTION

IMAGE CORRELATORS
IMAGE RECONSTRUCTION KINOFORM

OPTICAL MEMORY (DATA STORAGE) SCATTER PLATES (OPTICS) SPATIAL FILTERING SPECKLE PATTERNS

WAVE FRONT RECONSTRUCTION

HOMING

UF

AUTOMATIC PILOTS BEACONS GUIDANCE (MOTION) MISSILE CONTROL RADIO DIRECTION FINDERS TERMINAL GUIDANCE

HOMING DEVICES SEEKERS

BEACONS GUIDANCE (MOTION) INFRARED TRACKING LASER GUIDANCE MISSILES NAVIGATION NAVIGATION AIDS RADIO BEACONS RADIO DIRECTION FINDERS RADIO NAVIGATION RENDEZVOUS GUIDANCE SOLAR COMPASSES TRAJECTORY CONTROL

HOMOGENEOUS TURBULENCE

HOMOGENEOUS TURBULENCE ATMOSPHERIC TURBULENCE FLUCTUATION THEORY ISOTROPIC TURBULENCE LOW LEVEL TURBULENCE MAGNETOHYDRODYNAMIC TURBULENCE

HONEST JOHN ROCKET VEHICLE **ROCKET VEHICLES** 

HONEST JOHN ROCKET VEHICLE-(CONT.)
. SINGLE STAGE ROCKET VEHICLES SINGLE STAGE HOCKET VEHICLE
SURFACE TO SURFACE ROCKETS
HONEST JOHN ROCKET VEHICLE
ARGO ROCKET VEHICLE
EXOS SOUNDING ROCKET

EXOS SOUNDING ROCKET

HERCULES ENGINE

SOLID PROPELLANT ROCKET ENGINES TRAILBLAZER 1 REENTRY VEHICLE

HORIZONTAL FLIGHT

AERODYNAMIC BALANCE AIRCRAFT STABILITY CLIMBING FLIGHT CRUISING FLIGHT ∞FLIGHT FLIGHT PATHS ROCKET FLIGHT SOARING TRANSITION FLIGHT TURNING FLIGHT

HORIZONTAL POLARIZED SHEAR WAVES

USE SH WAVES

HORIZONTAL SPACECRAFT LANDING GS LANDING

GLIDE LANDINGS

HORIZONTAL SPACECRAFT LANDING SPACECRAFT LANDING

. HORIZONTAL SPACECRAFT LANDING APPROACH AND LANDING TESTS (STS)

CRASH LANDING PLANETARY LANDING SOFT LANDING WATER LANDING

HORIZONTAL STABILIZERS

STABILIZERS (FLUID DYNAMICS)

HORIZONTAL TAIL SURFACES TAIL PLANES

GS **AIRFOILS** HORIZONTAL TAIL SURFACES

HORIZONTAL TAIL SURFACES
CONTROL SURFACES
HORIZONTAL TAIL SURFACES
STABILIZERS (FLUID DYNAMICS)
HORIZONTAL TAIL SURFACES TAIL SURFACES

HORIZONTAL TAIL SURFACES AERIAL RUDDERS

ELEVATORS (CONTROL SURFACES) ∞ SURFACES TAIL ASSEMBLIES
TRAPEZOIDAL TAIL SURFACES

HORIZONTALLY POLARIZED SHEAR WAVES SH WAVES

HORSESHOE VORTICES HAIRPIN VORTICES VORTICES GS

. HORSESHOE VORTICES
ABRIKOSOV THEORY
FLOW DISTORTION RT FLOW GEOMETRY
VORTEX FILAMENTS
VORTEX GENERATORS VORTEX RINGS VORTICITY

WAKES WING TIP VORTICES

RIA TOH

HIGH TEMPERATURE AIR USE

HOT CYCLE PROPULSION SYSTEM USE TIP DRIVEN ROTORS

HOT GAS SYSTEMS

HIGH TEMPERATURE GASES USE

HOT GASES

HIGH TEMPERATURE GASES

HOT JET EXHAUST

HIGH TEMPERATURE GASES JET EXHAUST

HOT JETS

USE JET FLOW

HS-748 AIRCRAFT HOUSINGS HOT SURFACES AVRO WHITWORTH HS-748 AIRCRAFT HEAT TRANSFER
RAYLEIGH-BENARD CONVECTION GS HOUSINGS COWLINGS DOGHOUSES (ELECTRONICS) HAWKER SIDDELEY AIRCRAFT
HS-748 AIRCRAFT ∞ SURFACES RADOMES JET AIRCRAFT
TURBOPROP AIRCRAFT ∞ CONTAINERS RT HOT WATER ROCKET ENGINES HS-748 AIRCRAFT COVERINGS ENGINES . ROCKET ENGINES MONOPLANES
HS-748 AIRCRAFT DOMES (STRUCTURAL FORMS) ENCLOSURE ENCLOSURES . . HOT WATER ROCKET ENGINES PASSENGER AIRCRAFT HS-748 AIRCRAFT FAIRINGS
GUARDS (SHIELDS)
NACELLES HOT-FILM ANEMOMETERS
GS MEASURING INSTRUMENTS
. ANEMOMETERS PERFORATED SHELLS PROTECTION PROTECTORS FLOW MEASUREMENT
METEOROLOGICAL INSTRUMENTS HS-801 AIRCRAFT HAWKER SIDDELEY AIRCRAFT

. HS-801 AIRCRAFT

JET AIRCRAFT RT PROTUBERANCES
SHELLS (STRUCTURAL FORMS)
SHIELDING SONIC ANEMOMETERS
VELOCITY MEASUREMENT
WIND (METEOROLOGY)
WIND MEASUREMENT . HS-801 AIRCRAFT
RECONNAISSANCE AIRCRAFT WALLS . HS-801 AIRCRAFT
AERIAL RECONNAISSANCE WIND VANES HOVERCRAFT ∞ AIRCRAFT WIND VELOCITY
WIND VELOCITY MEASUREMENT GROUND EFFECT MACHINES OBSERVATION AIRCRAFT PHOTOGRAPHY PHOTORECONNAISSANCE HOVERCRAFT GROUND EFFECT MACHINES
UF HD-1 GROUND EFFECT MACHINES
GS GROUND EFFECT MACHINES
. HOVERCRAFT GROUND EFFECT HOT-WIRE ANEMOMETERS
GS MEASURING INSTRUMENTS . ANEMOMETERS
.. HOT-WIRE ANEMOMETERS
FLOW MEASUREMENT HSS-2 HELICOPTER
USE SH-3 HELICOPTER MACHINES ∞ AIRCRAFT ВŢ FLOWMETERS
METEOROLOGICAL INSTRUMENTS RESEARCH AIRCRAFT **HU-1 HELICOPTER** WATER TAKEOFF AND LANDING AIRCRAFT UH-1 HELICOPTER USE VELOCITY MEASUREMENT HUGHES AIRCRAFT
UF HUGHES MILITARY AIRCRAFT
GS HUGHES AIRCRAFT
. AH-64 HELICOPTER
. H-17 HELICOPTER HOT-WIRE FLOWMETERS
UF HOT-WIRE TURBULENCE METERS
GS MEASURING INSTRUMENTS HOVERING MANEUVERS . HOVERING AERODYNAMIC STABILITY **FLOWMETERS** AT HOT-WIRE FLOWMETERS CUSHIONCRAFT GROUND EFFECT **OH-6 HELICOPTER** PIRANI GAGES RT TH-55 HELICOPTER XV-9A AIRCRAFT MACHINE PLASMA ELECTRODES
THERMAL CONDUCTIVITY
TURBULENCE METERS FLUTTER GROUND EFFECT MACHINES HOVERING ROCKET VEHICLES TRANSITION FLIGHT ∞ AIRCRAFT HOT-WIRE TURBULENCE METERS

USE HOT-WIRE FLOWMETERS

TURBULENCE METERS HUGHES MILITARY AIRCRAFT V/STOL AIRCRAFT VERTICAL FLIGHT WHIRL TOWERS HUGHES AIRCRAFT MILITARY AIRCRAFT USE HOTOL LAUNCH VEHICLE
GS AEROSPACE VEHICLES
. AEROSPACE PLANES
. HOTOL LAUNCH VEHICLE HULLS (STRUCTURES) HOVERING ROCKET VEHICLES HULLS (STRUCTURES)
. SHIP HULLS ROCKET VEHICLES
. HOVERING ROCKET VEHICLES AIRCRAFT STRUCTURES
BAYS (STRUCTURAL UNITS)
BULKHEADS LAUNCH VEHICLES SOFT LANDING SPACECRAFT LAUNCH VEHICLES
. REUSABLE LAUNCH VEHICLES
. SINGLE STAGE TO ORBIT VEHICLES
. HOTOL LAUNCH VEHICLE
MANEUVERABLE SPACECRAFT
. AEROSPACE PLANES
. HOTOL LAUNCH VEHICLE
MANNED SPACECRAFT
AEROSPACE DE LAUNCH VEHICLE
MANNED SPACECRAFT m VEHICLES **FUSELAGES** HYDROFOILS HOVERING STABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY KEELS METAL SHELLS PERFORATED SHELLS SEAPLANES MANNED SPACECHAFT
AEROSPACE PLANES
HOTOL LAUNCH VEHICLE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT . . AIRCRAFT STABILITY
. . . HOVERING STABILITY SHELLS (STRUCTURAL FORMS) SKIN (STRUCTURAL MEMBER) ... HOVERING STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ARCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY SWATH (SHIP) . REUSABLE SPACECRAFT
. AEROSPACE PLANES
. . HOTOL LAUNCH VEHICLE
SOFT LANDING SPACECRAFT
. AEROSPACE PLANES
. HOTOL LAUNCH VEHICLE
UNMANNED SPACECRAFT
. HOTOL LAUNCH VEHICLE
LAUNCH VEHICLE CONFIGURATIONS
SPACE SHITTLES HUMIDITY AIR CONDITIONING
ATMOSPHERIC DENSITY
ATMOSPHERIC MOISTURE
BODY TEMPERATURE
CLIMATOLOGY RT DIRECTIONAL STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY LONGITUDINAL STABILITY LOW SPEED STABILITY WHIRL TOWERS COMFORT SPACE SHUTTLES
SPACE TRANSPORTATION
SPACECRAFT LAUNCHING DEHUMIDIFICATION DROP SIZE HP-115 DRY HEAT HANDLEY PAGE HP-115 AIRCRAFT HANDLEY PAGE AIRCRAFT UK SPACE PROGRAM HE ENVIRONMENTS GS. ~VEHICLES HYGRAL PROPERTIES HYGROMETERS . HP-115 AIRCRAFT JET AIRCRAFT LAPSE RATE
METEOROLOGICAL PARAMETERS
METEOROLOGY HOTSHOT WIND TUNNELS
GS TEST FACILITIES JET AIRCRAFT
. HP-115 AIRCRAFT
MONOPLANES
. HP-115 AIRCRAFT
RESEARCH AIRCRAFT TEST FACILITIES
. WIND TUNNELS
. HYPERSONIC WIND TUNNELS
.. HOTSHOT WIND TUNNELS
.. HOTSHOT WIND TUNNELS
.. HOTSHOT WIND TUNNELS
BLOWDOWN WIND TUNNELS
SHOCK TUBES
SHOCK TUNNELS MOISTURE MOISTURE CONTENT . HP-115 AIRCRAFT TAILLESS AIRCRAFT MOISTURE METERS
PERSPIRATION
PRECIPITATION (METEOROLOGY) . HP-115 AIRCRAFT RT PSYCHOLOGICAL EFFECTS
PSYCHROMETERS WING PLANFORMS REFRIGERATING HRB-1 HELICOPTER HOUND DOG MISSILE TEMPERATURE VAPOR PRESSURE USE CH-46 HELICOPTER MISSILES
. AIR TO SURFACE MISSILES WATER WATER VAPOR WEATHER FORECASTING .. HOUND DOG MISSILE TURBOJET ENGINES HS-125 AIRCRAFT DH 125 AIRCRAFT

LISE

**BT** 

**HUMMINGBIRD AIRCRAFT** HYDRODYNAMICS-(CONT.)
... HYDRODYNAMICS **HUMMINGBIRD AIRCRAFT** HYDRAULIC TEST TUNNELS-(CONT.) TEST FACILITIES . HYDRAULIC TEST TUNNELS XV-4 AIRCRAFT ELASTOHYDRODYNAMICS ELECTROHYDRODYNAMICS HUNTER F-2 AIRCRAFT F-2 AIRCRAF MAGNETOHYDRODYNAMICS HYDROMECHANICS . HYDRODYNAMICS HYDRAULIC VALVES HYDRAULIC EQUIPMENT **HUNTING H-126 AIRCRAFT** USE ELASTOHYDRODYNAMICS ELECTROHYDRODYNAMICS MAGNETOHYDRODYNAMICS VALVES H-126 AIRCRAFT **HUNTING P-84 AIRCRAFT ∞ HYDRAULICS** BALLAST (MASS)

DYNAMICS PT JET PROVOST AIRCRAFT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) EULER EQUATIONS OF MOTION FLOW THEORY FLUID FLOW **HUS-1 HELICOPTER** UH-34 HELICOPTER FLUID DYNAMICS RT FLUID DYNAMICS
FLUID MECHANICS
FLUID POWER
HYDRAULIC CONTROL
HYDRAULIC EQUIPMENT
HYDRAULIC FLUIDS
HYDRODYNAMIC RAM EFFECT FLUID POWER GAS DYNAMICS HUSKIE HELICOPTER
USE HH-43 HELICOPTER ∞ HYDRAULICS HYDROBALLISTICS HYDRODYNAMIC EQUATIONS HUSTLER AIRCRAFT USE **B-58 AIRCRAFT** HYDROSTATICS KROOK EQUATION
LAGRANGE COORDINATES
MECHANICS (PHYSICS)
OCEAN DYNAMICS
PRESSURE GRADIENTS HYDRODYNAMICS HUYGENS PRINCIPLE HYDROLOGY HYDROMECHANICS DIFFRACTION ~ OPTICS HYDROSTATICS POINT SOURCES IMPEDANCE REFRACTION PRESSURE HEADS INFLUENCE COEFFICIENT SCATTERING SEEPAGE LIMNOLOGY MECHANICS (PHYSICS) SCHELKUNOFF PRINCIPLE SHIP HULLS SPHERICAL WAVES WAVE FRONTS THERMOHYDRAULICS PIPES (TUBES) WATER PREUMATICS PRESSURE HEADS WAVE PROPAGATION WATER FLOW WATER HAMMER WATER PRESSURE THERMOHYDRAULICS HU2K-1 HELICOPTER
USE UH-2 HELICOPTER WATER FLOW HYDROELASTICITY WATER PRESSURE MECHANICAL PROPERTIES HYBRID NAVIGATION SYSTEMS . ELASTIC PROPERTIES NAVIGATION . HYBRID NAVIGATION SYSTEMS GS HYDROAEROMECHANICS USE AERODYNAMICS .. HYDROELASTICITY COMPRESSIBILITY NAVIGATION AIDS NAVIGATION INSTRUMENTS AT COMPRESSIBLE FLUIDS
MODULUS OF ELASTICITY
THERMOELASTICITY HYDROBALLISTICS
GS BALLISTICS ∞ SYSTEMS . HYDROBALLISTICS
BALLISTIC RANGES
HYDRODYNAMICS VISCOELASTICITY © HYBRID ROCKET ENGINES
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS RT HYDROFOIL BOATS
USE HYDROFOIL CRAFT TORPEDOES UNDERWATER EXPLOSIONS LISTED BELOW DUCTED ROCKET ENGINES RT UNDERWATER TRAJECTORIES HYDROFOIL CRAFT
UF HYDROFOIL BOATS
RT CAPTURED AIR BUBBLE VEHICLES
HYDROFOILS HYDRAULIC ANALOGIES HYDROCARBON COMBUSTION ANALOGIES GS COMBUSTION . HYDROCARBON COMBUSTION HYDRAULIC ANALOGIES HYDROPLANES (VEHICLES) COMPUTERIZED SIMULATION FLOW VISUALIZATION AT EXPLOSIONS FUEL COMBUSTION OXIDATION FLUERICS HYDROFOIL OSCILLATIONS
GS OSCILLATIONS **FLUIDICS** PROPELLANT COMBUSTION GAS FLOW . HYDROFOIL OSCILLATIONS FLOW STABILITY NUMERICAL FLOW VISUALIZATION WAVE PROPAGATION RT HYDRODYNAMIC COEFFICIENTS **FLUTTER** HYDRAULIC CONTROL
UF ELECTROHYDRAULIC CONTROL
RT AUTOMATIC CONTROL COMPUTATIONAL FLUID DYNAMICS DRAG COEFFICIENTS HYDROFOILS SUPERCAVITATING FLOW FLOW DISTRIBUTION FLOW VELOCITY ∞ CONTROL **HYDROFOILS** ELECTRONIC CONTROL ENGINE CONTROL FLUID POWER LIQUID FLOW HYDROFOILS SEA ROUGHNESS KEELS SHIP HULLS AIRFOILS RT STEADY FLOW FLUIDICS ∞ BLADES ELEVATORS (CONTROL SURFACES)
FINS ∞ HYDRAULICS UNSTEADY FLOW WATER WAVES PNEUMATIC CONTROL REMOTE CONTROL ∞ FOILS SOLENOID VALVES HYDRODYNAMIC EQUATIONS FOILS (MATERIALS)
GUIDE VANES EQUATIONS OF MOTION . KINETIC EQUATIONS HYDRAULIC FLUIDS HULLS (STRUCTURES) HYDRODYNAMIC EQUATIONS HYDROFOIL CRAFT HYDROFOIL OSCILLATIONS LIQUIDS . HYDRAULIC FLUIDS
.. SKYDROL (TRADEMARK)
FLUID PRESSURE ... HELMHOLTZ VORTICITY EQUATION BOLTZMANN TRANSPORT EQUATION HYDROPLANES (SURFACES)
HYDROPLANING ∞ EQUATIONS FLOW STABILITY FLOW THEORY FLUID TRANSMISSION LINES LANDING GEAR ∞ FLUIDS MARINE RUDDERS FLUID MECHANICS
GAS DYNAMICS HIGH TEMPERATURE FLUIDS SHIPS ∞ HYDRAULICS SKIS **HYDRODYNAMICS** STREAMLINING OILS METEOROLOGY PLASMA DYNAMICS PATCH TESTS TAIL ASSEMBLIES TRANSMISSION FLUIDS WORKING FLUIDS HYDROGEN FUELS HYDRODYNAMIC STABILITY FUELS
. CHEMICAL FUELS
. LIQUID FUELS FLOW STABILITY HYDRAULIC JETS WATER JETS HYDRODYNAMIC TUNNELS GS ... HYDROGEN FUELS
CRYOGENIC ROCKET PROPELLANTS FLUID JETS

PLASMA JET WIND TUNNELS

FLUID MECHANICS

FLUID DYNAMICS

HYDRODYNAMICS

GS

RT

DEUTERIUM FUEL CELLS FUEL PRODUCTION

GASEOUS ROCKET PROPELLANTS

RT

HYDRAULIC JETS

WATER TUNNELS

HYDRAULIC TEST TUNNELS

HYPERBOLIC NAVIGATION-(CONT.) HYDROPLANES (SURFACES)
UF HYDROSKIS HYDROGEN FUELS-(CONT.) LORAN C GELLED PROPELLANTS
HYDROCARBON FUEL PRODUCTION
HYDROCARBON FUELS HYDROFOILS SHORAN HYDROPLANING AIR NAVIGATION

THE PROPERTION SYSTEMS

TO THE PROPERTION SURFACE NAVIGATION HYDROGEN-BASED ENERGY LIQUID HYDROGEN LIQUID ROCKET PROPELLANTS SKIS ∞ SYSTEMS HYDROPLANES (VEHICLES)
RT HYDROFOIL CRAFT
HYDROPLANING RAMJET ENGINES SLUSH HYDROGEN HYPERBOLIC REENTRY
GS ATMOSPHERIC ENTRY ~ VEHICLES HYDROGEN SULFIDE REENTRY CHALCOGENIDES HYPERBOLIC REENTRY
REENTRY TRAJECTORIES . SULFIDES
. . INORGANIC SULFIDES HYDROPLANING HYDROFOILS HYDROPLANES (SURFACES) HYDROPLANES (VEHICLES) RT HYDROGEN SULFIDES
HYDROGEN COMPOUNDS
HYDROGEN SULFIDE
SULFUR COMPOUNDS HYPERION CELESTIAL BODIES
. NATURAL SATELLITES
. ICY SATELLITES SKID LANDINGS SKIDDING GS WATER LANDING SULFIDES INORGANIC SULFIDES HYPERION SATURN SATELLITES HYPERION HYDROSKIS
USE HYDROPLANES (SURFACES) ... HYDROGEN SULFIDE SATURN (PLANET) HYDROGEN-BASED ENERGY HYDROSPINNING ∞ENERGY ENERGY TECHNOLOGY FORMING TECHNIQUES . METAL SPINNING HYPERSONIC AIRCRAFT
GS HYPERSONIC VEHICLES
. HYPERSONIC AIRCRAFT FUEL CELLS
GAS MIXTURES
HYDROCARBON FUELS . HYDROSPINNING ... HYPERSONIC GLIDERS ... X-20 AIRCRAFT AEROSPACE PLANES METAL WORKING METAL SPINNING HYDROGEN FUELS
HYDROGEN PRODUCTION . HYDROSPINNING AT LIQUID HYDROGEN
NICKEL HYDROGEN BATTERIES ∞ AIRCRAFT

BOOSTGLIDE VEHICLES

HYPERSONICS CDIN METAL SPINNING . . HYDROSPINNING JET AIRCRAFT HYDROGEOLOGY
GS GEOLOGY
. HYDROGEOLOGY LOW WING AIRCRAFT
RESEARCH AIRCRAFT HYDROSTATIC PRESSURE
GS PRESSURE . STATIC PRESSURE .. HYDROSTATIC PRESSURE CENTER OF PRESSURE SUPERSONIC AIRCRAFT SWEPTBACK TAIL SURFACES SWEPTBACK WINGS HYDROLOGY HYDROGEOLOGY AT AQUIFERS
CORE SAMPLING
EROSION **ELEVATION** TRAPEZOIDAL TAIL SURFACES ELEVATION
HEAD (FLUID MECHANICS)
HYDROSTATICS
ISOSTATIC PRESSURE
PRESSURE DEPENDENCE
PRESSURE HADS FLOOD PLAINS FLOOD PREDICTIONS GEYSERS HYPERSONIC BOUNDARY LAYER

GS BOUNDARY LAYERS
. HYPERSONIC BOUNDARY LAYER GLACIOLOGY HYDROLOGY MODELS HYDROSTATICS LAMINAR BOUNDARY LAYER THERMAL BOUNDARY LAYER TURBULENT BOUNDARY LAYER TRANSITION PRESSURE WATER PRESSURE ∞ SCIENCE SOIL EROSION STRATIGRAPHY HYDROTHERMAL STRESS ANALYSIS HYPERSONIC COMBUSTION HYDROTHERMAL SYSTEMS COMBUSTION
. HYPERSONIC COMBUSTION HYGRAL PROPERTIES WATERSHEDS HYGROSCOPICITY EROSIVE BURNING MOISTURE CONTENT HYDROKINETICS
USE HYDROMECHANICS FUEL COMBUSTION MOISTURE RESISTANCE HYPERSONIC FLIGHT HYGROMETERS
GS MEASURING INSTRUMENTS
. MOISTURE METERS AERODYNAMICS HYDROMAGNETIC FLOW MAGNETOHYDRODYNAMIC FLOW ∞FLIGHT HYPERSONICS HYGROMETERS HYDROMAGNETIC STABILITY
USE MAGNETOHYDRODYNAMIC STABILITY MISSILES ... PSYCHROMETERS
CHEMICAL ANALYSIS
DEW POINT ROCKET FLIGHT RT SUPERSONIC FLIGHT WAVERIDERS HYDROMAGNETIC WAVES
USE MAGNETOHYDRODYNAMIC WAVES HUMIDITY MEASUREMENT
METEOROLOGICAL INSTRUMENTS HYPERSONIC FLOW FLUID FLOW . HYPERSONIC FLOW HYDROMAGNETICS
USE MAGNETOHYDRODYNAMICS HYLA-STAR ROCKET VEHICLE AERODYNAMICS CASCADE WIND TUNNELS COMPRESSIBLE FLOW LAUNCH VEHICLES
. HYLA-STAR ROCKET VEHICLE HYDROMAGNETISM MAGNETOHYDRODYNAMICS ROCKET VEHICLES FLOW VELOCITY . SINGLE STAGE ROCKET VEHICLES ... HYLA-STAR ROCKET VEHICLE LIQUID PROPELLANT ROCKET ENGINES GAS FLOW HYDROMECHANICS HYPERSONICS HYPERSONICS
HYPERVELOCITY WIND TUNNELS
LIGHTHILL GAS MODEL
SHOCK TUBES
SHOCK TUNELS
SHOCK WAVES
SUPERSONIC FLOW
WIND TUNNELS HYDROKINETICS RT FLUID MECHANICS
HYDROMECHANICS G\$ TITAN 2 ICBM . HYDRODYNAMICS
. ELASTOHYDRODYNAMICS
. ELECTROHYDRODYNAMICS HYPERBOLIC DIFFERENTIAL EQUATIONS
GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES . MAGNETOHYDRODYNAMICS HYDROSTATICS . MAGNETOHYDROSTATICS HEAL VARIABLES

. DIFFERENTIAL EQUATIONS

. HYPERBOLIC DIFFERENTIAL
EQUATIONS
DIRICHLET PROBLEM

∞EQUATIONS
ESSENTIALLY NON-OSCILLATORY HYPERSONIC FORCES FLUID DYNAMICS FLUID FLOW AERODYNAMIC FORCES

HYPERSONIC FORCES RT GS ∞ HYDRAULICS AERODYNAMIC DRAG KINETICS ∞ SCIENCE SCHEMES HYPERSONICS WAVE EQUATIONS WATER HYPERSONIC GLIDERS HYPERBOLIC NAVIGATION **HYDROMETERS** NAVIGATION
. RADIO NAVIGATION GLIDERS
. HYPERSONIC GLIDERS MEASURING INSTRUMENTS GS MEASURING INSTHUMENTS

HYDROMETERS
CHEMICAL ANALYSIS
DENSITY (MASS/VOLUME)
DENSITY MEASUREMENT
WEIGHT MEASUREMENT .. X-20 AIRCRAFT HYPERSONIC VEHICLES .. HYPERBOLIC NAVIGATION DECCA NAVIGATION LORAC NAVIGATION SYSTEM

LORAN

HYPERSONIC AIRCRAFT HYPERSONIC GLIDERS

### HYPERSONIC HEAT TRANSFER

HYPERSONIC VEHICLES-(CONT.) HYPERVELOCITY WIND TUNNELS-(CONT.) HYPERSONIC GLIDERS-(CONT.) X-20 AIRCRAFT
AEROSPACE PLANES ∞ VEHICLES SHOCK TUBES SUPERSONIC WIND TUNNELS WAVERIDERS ∞ AIRCRAFT ∞ WINGED VEHICLES HYPOBARIC ATMOSPHERES
RT ALTITUDE SIMULATION
ALTITUDE TOLERANCE ASSET GLIDERS BOOSTGLIDE VEHICLES HL-10 REENTRY VEHICLE HYPERSONIC WAKES GS WAKES . HYPERSONIC WAKES AIRCRAFT WAKES BOW WAVES HLD-35 REENTRY VEHICLE LIFTING REENTRY VEHICLES ∞ATMOSPHERES
HIGH ALTITUDE BREATHING RT PARAGLIDERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE LOW PRESSURE **HYPERSONICS** HYPERSONIC HEAT TRANSFER SHOCK WAVES SUPERSONIC WAKES VACUUM TESTS TRANSMISSION . HEAT TRANSMISSION HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER HYPERSONIC WIND TUNNELS HYPSOMETERS
GS MEASURING INSTRUMENTS TEST FACILITIES . WIND TUNNELS HYPSOMETERS HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS AEROTHERMODYNAMICS HYPERSONICS RT AL TIMETERS BAROMETERS SUPERSONIC HEAT TRANSFER METEOROLOGICAL INSTRUMENTS ... HOTSHOT WIND TUNNELS
... PLASMA JET WIND TUNNELS
... SHOCK TUNNELS
BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
MAGNETIC PISTONS PRESSURE GAGES HYPERSONIC INLETS
GS INTAKE SYSTEMS RT AIR INTAKES
. HYPERSONIC INLETS 1 BYPASS RATIO ∞ DIFFUSERS SHOCK TUBES ENGINE INLETS INLET AIRFRAME CONFIGURATIONS ICBM (MISSILES) SUBSONIC WIND TUNNELS SUPERSONIC WIND TUNNELS USE INTERCONTINENTAL BALLISTIC MISSILES NOSE INLETS TRANSONIC WIND TUNNELS SIDE INLETS ICE PREVENTION

GS PREVENTION SUPERSONIC INLETS HYPERSONICS
GS FLUID MECHANICS ICE PREVENTION HYPERSONIC NOZZLES
RT CONICAL NOZZLES ANTIICING ADDITIVES DEFROSTING RT . FLUID DYNAMICS ∞ NOZZLES DEICERS . AERODYNAMICS ROCKET NOZZLES DEICING HYPERSONICS
AEROTHERMODYNAMICS SUPERSONIC NOZZLES HEAT TAPES TRANSONIC NOZZLES WIND TUNNEL NOZZLES RΤ HEATING HYPERSONIC AIRCRAFT HYPERSONIC FLIGHT HYPERSONIC FLOW MELTING STORM SUPPRESSION HYPERSONIC REENTRY
GS ATMOSPHERIC ENTRY HYPERSONIC FORCES
HYPERSONIC HEAT TRANSFER
HYPERSONIC SHOCK ATMOSPHERIC ENTRY
. REENTRY
. HYPERSONIC REENTRY
. UNCONTROLLED REENTRY
(SPACECRAFT) IDENTIFYING IDENTIFYING CROP IDENTIFICATION HYPERSONIC SPEED HYPERSONIC TEST APPARATUS IFF SYSTEMS (IDENTIFICATION)
PARAMETER IDENTIFICATION
RAPID BALLISTICS IDENTIFICATION HYPERSONIC VEHICLES AERODYNAMIC HEATING AEROTHERMODYNAMICS BERENICE ROCKET VEHICLE AT HYPERSONIC WAKES SUPERSONIC SPEED SYSTEM IDENTIFICATION TIMBER IDENTIFICATION SUPERSONICS BOUNDARY LAYER PLASMAS ENTRY GUIDANCE (STS) CHEMICAL ANALYSIS CODING COGNITION REENTRY EFFECTS REENTRY PHYSICS HYPERVELOCITY CRATERING
USE HYPERVELOCITY PROJECTILES DETECTION SPACECRAFT REENTRY PROJECTILE CRATERING GAS DETECTORS INSPECTION HYPERSONIC SHOCK
RT HYPERSONICS HYPERVELOCITY FLOW MARKING MEASUREMENT FLUID FLOW GS . HYPERVELOCITY FLOW FLOW VELOCITY MACH CONES MISSILE DETECTION NOISE (SOUND) SHOCK WAVES RT PARTICULATE SAMPLING PERCEPTION SUPERSONIC FLOW RECOGNITION HYPERSONIC SPEED HYPERVELOCITY LAUNCHERS SPECTRAL SIGNATURES TRACKING (POSITION) ULTRASONIC FLAW DETECTION (MACH 5 OR GREATER) RATES (PER TIME) GS **LAUNCHERS** HYPERVELOCITY LAUNCHERS GS GUN LAUNCHERS RAILGUN ACCELERATORS HYPERSONIC SPEED RT WISWESSER NOTATIONS VELOCITY
HYPERSONIC SPEED IFR (RULES)
USE INSTRUMENT FLIGHT RULES HIGH SPEED HYPERSONICS HYPERVELOCITY PROJECTILES RT HYPERVELOCITY CRATERING PROJECTILES HE ∞ HYPERVELOCITY GS IGNITERS . HYPERVELOCITY PROJECTILES BOMBARDMENT SUPERSONIC SPEED IGNITERS RT INITIATORS (EXPLOSIVES) LIGHT GAS GUNS METEOROIDS HYPERSONIC TEST APPARATUS BOOSTERS (EXPLOSIVES)
CAPS (EXPLOSIVES)
DETONATORS HYPERSONICS
HYPERVELOCITY WIND TUNNELS MICROMETEORITES MISSILE RANGES PROJECTILE CRATERING EXPLODING WIRES SUPERSONIC TEST APPARATUS

TEST EQUIPMENT SIMULATION PRIMERS (EXPLOSIVES) HYPERVELOCITY WIND TUNNELS
SN (ABOVE MACH 10)
GS TEST FACILITIES
. WIND TUNNELS SQUIBS AMMUNITION ELECTRIC IGNITION EXPLOSIVE DEVICES HYPERSONIC VEHICLES HYPERSONIC VEHICLES
HYPERSONIC AIRCRAFT
HYPERSONIC GLIDERS IGNITION IGNITION SYSTEMS HYPERVELOCITY WIND TUNNELS
. CASCADE WIND TUNNELS
. HOTSHOT WIND TUNNELS ... X-20 AIRCRAFT
... X-30 VEHICLE

or FLIGHT VEHICLES
HYPERSONICS
or INSULATED STRUCTURES INCENDIARY AMMUNITION
PYROPHORIC MATERIALS
SOLID PROPELLANT IGNITION ... PLASMA JET WIND TUNNELS
... SHOCK TUNNELS
BLOWDOWN WIND TUNNELS
COMBUSTION WIND TUNNELS
HYPERSONIC FLOW

HYPERSONIC TEST APPARATUS HYPERSONIC WIND TUNNELS LOW DENSITY WIND TUNNELS

MAGNETIC PISTONS

SPARK PLUGS

REIGNITION

**ELECTRIC IGNITION** 

SOLID PROPELLANT IGNITION

IGNITION

IGNITION

GS

NATIONAL AEROSPACE PLANE PROGRAM RECOVERABLE SPACECRAFT

REENTRY VEHICLES

∞ SPACECRAFT TEST VEHICLES

### IMPINGEMENT

IGNITION-	(CONT.)	IMAGING	TECHNIQUES	IMPACT	TESTS
	SPARK IGNITION	GS	IMAGING TECHNIQUES	GS	IMPACT TESTS
	OMBUSTION PUNCIOS		RASTER SCANNING	D7	. CHARPY IMPACT TEST
	COMBUSTION PHYSICS FIRING (IGNITING)	RT	. SPECKLE HOLOGRAPHY ACOUSTIC MICROSCOPES	RT	BRITTLENESS COMPRESSION TESTS
	FLAME PROPAGATION	n.	ACOUSTICAL HOLOGRAPHY		DESTRUCTIVE TESTS
	FLAMMABILITY		ADAPTIVE OPTICS		DROP TESTS
	FLASH POINT		CHARGE INJECTION DEVICES		FATIGUE TESTS
	FUEL COMBUSTION		CROP IDENTIFICATION		HARDNESS TESTS
	GNITERS		GRAY SCALE		IMPACTORS
	PREMIXING PROPELLANT COMBUSTION		HIGH DEFINITION TELEVISION		LOAD TESTS
	ROASTING		HOLOGRAMMETRY IMAGE CORRELATORS	1	∞MATERIALS TESTS NOTCH SENSITIVITY
	SPARKS		IMAGE ENHANCEMENT		NOTCH STRENGTH
	SPONTANEOUS COMBUSTION		IMAGE FILTERS		NOTCH TESTS
S	STARTING		IMAGE INTENSIFIERS		SHOCK TESTS
			IMAGE MOTION COMPENSATION		STRAIN RATE
IGNITION	LIMITS		IMAGE PROCESSING IMAGE RECONSTRUCTION		STRESS CONCENTRATION
	COMBUSTION		IMAGE ROTATION	•	∞TESTS TOUGHNESS
	LAME RETARDANTS		IMAGE TRANSDUCERS		10001114233
	LAMMABILITY UEL-AIR RATIO		IMAGE VELOCITY SENSORS	IMPEDA	NCE
	AS MIXTURES		IMAGING SPECTROMETERS	UF	DUMMY LOADS
	IMITS		METHODOLOGY	GS	IMPEDANCE
			MICROWAVE HOLOGRAPHY MODULATION TRANSFER FUNCTION		. ACOUSTIC IMPEDANCE
IGNITION S	PVETENE		MULTISENSOR APPLICATIONS		. ELECTRICAL IMPEDANCE
	UTOMOBILES		MULTISPECTRAL BAND SCANNERS		ELECTRICAL RESISTANCE
	ISTRIBUTORS		MULTISPECTRAL PHOTOGRAPHY		CONTACT RESISTANCE
	WELL		MULTISPECTRAL RADAR		TRANSCONDUCTANCE
	LECTRIC COILS		OPTICAL RELAY SYSTEMS		REACTANCE
	LECTRIC IGNITION		OPTICAL TRANSFER FUNCTION		. MECHANICAL IMPEDANCE
_	NGINES GNITERS		OPTICS PATTERN REGISTRATION		RESPIRATORY IMPEDANCE
	ITERNAL COMBUSTION ENGINES		PHOTOGRAPHY	RT	ATTENUATION COEFFICIENTS
	OCKET ENGINES		PIXELS		BANDWIDTH
	PARK PLUGS		PRINCIPAL COMPONENTS ANALYSIS	_	CHOKES (RESTRICTIONS)  CONDUCTIVITY
S	QUIBS		RADAR IMAGERY		CONSTRICTIONS
	TARTERS		RAPID BALLISTICS IDENTIFICATION		DAMPING
∞S`	YSTEMS .		RESOLUTION CELL		DIFFUSIVITY
			SATELLITE IMAGERY SCENE ANALYSIS		DYNAMIC CHARACTERISTICS
	EMPERATURE		SPATIAL RESOLUTION		DYNAMIC RESPONSE
	EMPERATURE		STREAK PHOTOGRAPHY		ELECTRIC COILS ELECTRICAL PROPERTIES
	IGNITION TEMPERATURE . FLASH POINT	:	SYNTHETIC APERTURES		HYDRAULICS
	OMBUSTION TEMPERATURE		TELEVISION SYSTEMS	•	MECHANICAL PROPERTIES
	AMMABILITY		ULTRASONIC SCANNERS	•	PHYSICAL PROPERTIES
Pf	ROPELLANT SENSITIVITY		VEGETATIVE INDEX X RAY IMAGERY	a	RESISTANCE
	YROPHORIC MATERIALS	•	A RAT IMAGERT		RESONANT FREQUENCIES
	OLID PROPELLANT IGNITION		Aks		SMITH CHART
	PONTANEOUS COMBUSTION HERMITES	USE :	M SUBMERGING		TIME CONSTANT TRANSIENT RESPONSE
''	TERMITES	036	SOBMENGING		THATOLETT NEST CITSE
0 44 AIDO	NAST	IMPACT		IMPEDAN	ICE MEASUREMENT
UF IL	YUSHIN IL-14 AIRCRAFT		IMPACT	RT	ELECTRICAL IMPEDANCE
	YUSHIN AIRCRAFT		ECONOMIC IMPACT		ELECTRICAL MEASUREMENT
	IL-14 AIRCRAFT		ELECTRON IMPACT		MECHANICAL IMPEDANCE
M	ONOPLANES		HYPERVELOCITY IMPACT		MISMATCH (ELECTRICAL)
	IL-14 AIRCRAFT		ON IMPACT		RADIO FREQUENCY IMPEDANCE PROBES
	RANSPORT AIRCRAFT IL-14 AIRCRAFT	-	POINT IMPACT PROTON IMPACT		rnobes
	RCRAFT	RT I	DECELERATION	IMPEDAN	ICE PROBES
			HYDRODYNAMIC RAM EFFECT	GS	MEASURING INSTRUMENTS
IL-62 AIRCE	DAET		MPINGEMENT		IMPEDANCE PROBES
	ASSIC AIRCRAFT		MECHANICAL SHOCK		RADIO FREQUENCY IMPEDANCE
	YUSHIN IL-62 AIRCRAFT		PENETRATION		PROBES
	DMMERCIAL AIRCRAFT		PERCUSSION PRESSURE	RT	RESONANCE PROBES
	L-62 AIRCRAFT		SHOCK ABSORBERS	IMPELLE	De
	YUSHIN AIRCRAFT IL-62 AIRCRAFT		SHOCK RESISTANCE	GS	ROTATING BODIES
	T AIRCRAFT		SHOCK WAVES		. ROTORS
	TURBOFAN AIRCRAFT		STRESSES		IMPELLERS
	IL-62 AIRCRAFT				PUMP IMPELLERS
M	ONOPLANES		CCELERATION	RT	BLOWERS
	L-62 AIRCRAFT		MPACT DECELERATION		CENTRIFUGAL COMPRESSORS CENTRIFUGAL PUMPS
	SSENGER AIRCRAFT		RATES (PER TIME) ACCELERATION (PHYSICS)		COMPRESSOR ROTORS
	IL-62 AIRCRAFT RCRAFT		. IMPACT ACCELERATION		PUMPS
whi			ACCELERATION		ROTOR BLADES (TURBOMACHINERY)
II O /I ANDII	AU CASTERIO!	ī	DECELERATION		STATORS
	NG SYSTEMS) STRUMENT LANDING SYSTEMS		MECHANICAL SHOCK		TURBINE WHEELS
1141			PHYSIOLOGICAL ACCELERATION		TURBINES TURBOMACHINE DI ADES
ILYUSHIN A	JACRAFT		RAILROAD HUMPING TESTS SHOCK ABSORBERS		TURBOMACHINE BLADES VANES
	YUSHIN AIRCRAFT		SHOCK ABSUMBENS		TARLO
	L-14 AIRCRAFT	10.00 4 5 = -		IMPINGE	WENT
. 1	L-62 AIRCRAFT		ECELERATION SECELEBATION		IMPINGEMENT
RT ∞All	RCRAFT		DECELERATION MPACT ACCELERATION		. JET IMPINGEMENT
					ABLATION
	-14 AIRCRAFT	IMPACT T	ESTING MACHINES		ATTENUATION CAVITATION ELOW
USE IL-	14 AIRCRAFT		PROP TESTS		CAVITATION FLOW CORROSION
			ATIQUE TESTS		EROSION
	-62 AIRCRAFT		MACHINERY		GAS-SOLID INTERACTIONS
USE IL-	62 AIRCRAFT	∞T	EST EQUIPMENT		IMPACT

### INCENDIARY AMMUNITION

INDICATING INSTRUMENTS-(CONT.)
CONTROL MOMENT GYROSCOPES INERTIAL NAVIGATION-(CONT.) IMPINGEMENT-(CONT.)
INCIDENCE SURFACE NAVIGATION ∞ DETECTORS REFLECTION INERTIAL PLATFORMS DIALS DISPLAY DEVICES SCATTERING INERTIAL MEASURING UNITS
GIMBALLESS INERTIAL NAVIGATION GAS DETECTORS HEAD-UP DISPLAYS INCENDIARY AMMUNITION GYROSCOPIC STABILITY AMMUNITION KALMAN-SCHMIDT FILTERING NAVIGATION INSTRUMENTS HELMET MOUNTED DISPLAYS INCENDIARY AMMUNITION **∞ INDICATION** BOMBS (ORDNANCE) ∞ PLATFORMS ... INDICATORS COMBUSTION THREE AXIS STABILIZATION INSTRUMENT RECEIVERS EXOTHERMIC REACTIONS ∞ INSTRUMENTS GRENADES RADARSCOPES INERTIAL REFERENCE SYSTEMS GUNS (ORDNANCE) CELESTIAL REFERENCE SYSTEMS 

© REFERENCE SYSTEMS RECORDING INSTRUMENTS THERMOCOUPLES MISSILES THERMOPILES RELATIVITY PROJECTILES ∞ SYSTEMS **PROPELLANTS PYROTECHNICS** ∞ INDICATORS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS INERTIAL UPPER STAGE
UF INTERIM UPPER STAGE (STS) **∞ROCKETS** LISTED BELOW) INCINERATION INTERIM STAGES (SPACECRAFT) AIRCRAFT GUIDANCE CHEMICAL INDICATORS GS INCINERATORS . INERTIAL UPPER STAGE ORBIT TRANSFER VEHICLES RECOVERABLE SPACECRAFT INDICATING INSTRUMENTS RT INCINERATORS METHYLENE BLUE RATE OF CLIMB INDICATORS INCINERATION REUSABLE SPACECRAFT BURNERS FURNACES SPACE SHUTTLE ORBITERS SPACE SHUTTLES INDUCED FLUID FLOW WASTE DISPOSAL SPACE TRANSPORTATION
SPACE TRANSPORTATION SYSTEM
SPACE TUGS WASTE ENERGY UTILIZATION INCOMPRESSIBILITY INDUCTION HEATING ULYSSES MISSION UPPER STAGE ROCKET ENGINES COMPRESSIBILITY INDUCTION HEATING FLUID MECHANICS FURNACES INFINITE SPAN WINGS MAGNETIC INDUCTION MAGNETIC PUMPING INCOMPRESSIBLE BOUNDARY LAYER AIRFOILS THIN AIRFOILS BOUNDARY LAYERS
INCOMPRESSIBLE BOUNDARY LAYER . THIN WINGS LAMINAR BOUNDARY LAYER
TURBULENT BOUNDARY LAYER PLASMA HEATING RADIO FREQUENCY HEATING RT INFINITE SPAN WINGS WINGS VACUUM MELTING . SLENDER WINGS ... INFINITE SPAN WINGS INCOMPRESSIBLE FLOW FLUID FLOW

INCOMPRESSIBLE FLOW

STOKES FLOW INERTIA THIN WINGS INFINITE SPAN WINGS UNSWEPT WINGS INERTIAL FORCES INERTIA GS AERODYNAMICS
BELTRAMI FLOW
COMPRESSIBLE FLOW INERTIA PRINCIPLE INFINITE SPAN WINGS RT MACH INERTIA PRINCIPLE **PLANFORMS** WING PLANFORMS ∞ FORCE GAS FLOW MILNE-THOMSON METHOD FROUDE NUMBER INFINITE SPAN WINGS MASS FLEXIBLE WINGS NAVIER-STOKES EQUATION MOMENTS OF INERTIA REYNOLDS STRESS **∞ MOTION** INFLATABLE DEVICES STREAM FUNCTIONS (FLUIDS) SIMILITUDE LAW INFLATABLE STRUCTURES SUBSONIC FLOW INERTIA WHEELS INFLATABLE GLIDERS
GS EXPANDABLE STRUCTURES INCOMPRESSIBLE FLUIDS
GS INCOMPRESSIBLE FLUIDS COUNTER-ROTATING WHEELS USE INFLATABLE STRUCTURES
INFLATABLE GLIDERS REACTION WHEELS MICROPOLAR FLUIDS
BOUSSINESQ APPROXIMATION RT GLIDERS INERTIAL FORCES
USE INERTIA CHANNEL FLOW PARAGLIDERS
INFLATABLE GLIDERS COMPRESSIBLE FLUIDS FLUID POWER INERTIAL GUIDANCE ∞FLUIDS GUIDANCE (MOTION)
. INERTIAL GUIDANCE
. STRAPDOWN INERTIAL GUIDANCE
INJECTION GUIDANCE INFLATABLE SPACECRAFT
GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A IDEAL FLUIDS NAVIER-STOKES EQUATION OSEEN APPROXIMATION SUPERFLUIDITY RT MIDCOURSE GUIDANCE REENTRY GUIDANCE SATELLITE GUIDANCE INDICATING INSTRUMENTS BEACON EXPLORER A
EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE TEMPERATURE INDICATORS
MEASURING INSTRUMENTS SPACECRAFT GUIDANCE GS STABILIZED PLATFORMS TERMINAL GUIDANCE INDICATING INSTRUMENTS
APPROACH INDICATORS
ASTROLABES ATTITUDE INDICATORS
. GYRO HORIZONS
CLOUD HEIGHT INDICATORS INERTIAL MEASURING UNITS INERTIAL PLATFORMS ARTIFICIAL SATELLITES ВT ORBITAL ASSEMBLY SELF ERECTING DEVICES COMPASSES GYROCOMPASSES INERTIAL NAVIGATION NAVIGATION INERTIAL NAVIGATION ∞ SPACECRAFT
UNMANNED SPACECRAFT . MAGNETIC COMPASSES
. SOLAR COMPASSES
FLOW DIRECTION INDICATORS ASTROGUIDE NAVIGATION SYSTEM GIMBALLESS INERTIAL NAVIGATION INFLATABLE STRUCTURES AIR NAVIGATION RT WIND VANES DEFLATING INFLATABLE DEVICES ALL-WEATHER AIR NAVIGATION CELESTIAL NAVIGATION DEAD RECKONING POSITION INDICATORS
PLAN POSITION INDICATORS EXPANDABLE STRUCTURES GS RADIO DIRECTION FINDERS
SPACECRAFT POSITION
INDICATORS INFLATABLE STRUCTURES
AIR BAG RESTRAINT DEVICES DIGITAL NAVIGATION HYPERBOLIC NAVIGATION NAVIGATION AIDS BALLOONS SMOKE DETECTORS . HIGH ALTITUDE BALLOONS
... JIMSPHERE BALLOONS POLAR NAVIGATION RADAR NAVIGATION SPEED INDICATORS . TACHOMETERS SKYHOOK BALLOONS SUPERPRESSURE BALLOONS WEIGHT INDICATORS MICROBALANCES RADIO NAVIGATION SCHULER TUNING METEOROLOGICAL BALLOONS SPACE NAVIGATION STRAIN GAGE BALANCES JIMSPHERE BALLOONS ROBIN BALLOONS



STRAPDOWN INERTIAL GUIDANCE

STAR TRACKERS

RT

THERMOBALANCES
AIRCRAFT INSTRUMENTS

INFLA	TABLE STRUCTURES-(CONT.)	INFRA	RED INSTRUMENTS-(CONT.)	INFRA	RED SPECTROMETERS-(CONT.)
	MICROBALLOONS TETHERED BALLOONS		INFRARED SCANNERS INFRARED SPECTROMETERS		FILTER WHEEL INFRARED SPECTROMETERS
	BALLUTES		INFRARED SPECTROPHOTOMETERS	RT	EBERT SPECTROMETERS
	GAS BAGS	RT	ADVANCED VERY HIGH RESOLUTION		SOLAR SPECTROMETERS
	INFLATABLE GLIDERS		RADIOMETER		
	INFLATABLE SPACECRAFT		FOREST FIRE DETECTION	INFRA	RED TRACKING
	BEACON SATELLITES			GS	TRACKING (POSITION)
	BEACON EXPLORER A		RED INTERFEROMETERS		. INFRARED TRACKING
	EXPLORER 22 SATELLITE PARAVULCOONS	GS	MEASURING INSTRUMENTS	RT	ANTIMISSILE MISSILES
RT	AIRSHIPS		. INTERFEROMETERS INFRARED INTERFEROMETERS		COMPENSATORY TRACKING
	BOATS	RT	INTERFEROMETRY		HOMING DEVICES
	BUILDINGS		OPTICAL EQUIPMENT		MISSILE TRACKING OPTICAL TRACKING
	FLEXIBLE BODIES		OPTICAL MEASUREMENT		PURSUIT TRACKING
	FLEXIBLE WINGS		OPTICAL MEASURING INSTRUMENTS		RADIOMETERS
	FLOATS		SPECKLE INTERFEROMETRY		THE STATE OF THE S
	FOLDING STRUCTURES			INGES'	TION (ENGINES)
	INFLATING		RED PHOTOGRAPHY	RT	ENGINE FAILURE
	LIFE RAFTS LUNAR SHELTERS	GS	IMAGERY		∞ INGESTION
	PNEUMATIC EQUIPMENT		INFRARED PHOTOGRAPHY		
	PRESSURE SUITS		COLOR INFRARED PHOTOGRAPHY	INITIA	
	RADOMES		PHOTOGRAPHY . MULTISPECTRAL PHOTOGRAPHY	AT	ACTIVATION
	SELF ERECTING DEVICES		INFRARED PHOTOGRAPHY		ACTUATION
	SPACE ERECTABLE STRUCTURES		COLOR INFRARED PHOTOGRAPHY		DETONATION
	SPACE STATIONS	RT	AERIAL PHOTOGRAPHY		∞ GENERATION ∞ INDUCTION
	∞ STRUCTURES		ASTRONOMICAL PHOTOGRAPHY		INOCULATION
	TIRES		BLACK AND WHITE PHOTOGRAPHY		NUCLEATION
	VARIABLE GEOMETRY STRUCTURES		CINEMATOGRAPHY		∞ PRIMING
			FAINT OBJECT CAMERA		REACTOR STARTUP TESTS
INFLAT			FOREST FIRE DETECTION		STARTING
AT	(EXCLUDES ECONOMIC INFLATION) EXPANSION		GEOGRAPHIC INFORMATION SYSTEMS ICE MAPPING		STIMULATION
m	GAS INJECTION		LUNAR PHOTOGRAPHY		
	GROWTH		METEOROLOGICAL SATELLITES	INJECT	
	INFLATABLE STRUCTURES		METEOSAT SATELLITE	GS	INJECTION
	PRESSURE REDUCTION		MULTISPECTRAL BAND CAMERAS		CARRIER INJECTION
	PRESSURIZING		NIMBUS SATELLITES		. FLUID INJECTION GAS INJECTION
	SWELLING		RADIOMETERS		. LIQUID INJECTION
			SATELLITE-BORNE PHOTOGRAPHY		DEEP WELL INJECTION (WASTES)
	NCE COEFFICIENT		TIMBER INVENTORY		WATER INJECTION
GS	COEFFICIENTS		ULTRAVIOLET PHOTOGRAPHY		. FUEL INJECTION
	. INFLUENCE COEFFICIENT				. ION INJECTION
	STRUCTURAL INFLUENCE COEFFICIENTS	INFRAF GS	ED PHOTOMETRY		SECONDARY INJECTION
RT	AEROELASTICITY	GS	OPTICAL MEASUREMENT . PHOTOMETRY		TRANSEARTH INJECTION
***	DISCHARGE COEFFICIENT		INFRARED PHOTOMETRY	RT	. TRANSLUNAR INJECTION
	ELASTIC PROPERTIES	RT	ASTRONOMICAL PHOTOMETRY	H:	BARRITT DIODES BLOWING
	FLUTTER		INFRARED ASTRONOMY		BOUNDARY LAYER SEPARATION
	FORCE DISTRIBUTION		INFRARED SPECTRA		∞CHARGING
	∞ HYDRAULICS		NEAR INFRARED RADIATION		FEEDING (SUPPLYING)
	MOMENT DISTRIBUTION		STELLAR SPECTROPHOTOMETRY		FILLING
	NOZZLE THRUST COEFFICIENTS				FLUID FLOW
	PLASTIC PROPERTIES PRESSURE DISTRIBUTION		ED RADIOMETERS		IMPLANTATION
	STRESS ANALYSIS	GS	MEASURING INSTRUMENTS		INJECTORS INPUT
	STRUCTURAL ANALYSIS		. RADIATION MEASURING INSTRUMENTS ACTINOMETERS		PERFORATING
			RADIOMETERS		SUPPLYING
INFRAF	RED DETECTORS		INFRARED DETECTORS		33.1.213
GS	MEASURING INSTRUMENTS		INFRARED RADIOMETERS	INJECT	ION CARBURETORS
	. RADIATION MEASURING INSTRUMENTS		INFRARED INSTRUMENTS		CARBURETOFIS
	ACTINOMETERS		INFRARED DETECTORS		FUEL INJECTION
	RADIOMETERS		INFRARED RADIOMETERS		
	INFRARED DETECTORS INFRARED RADIOMETERS	RT	AERIAL RECONNAISSANCE		ION GUIDANCE
	INFRARED INSTRUMENTS		ATMOSPHERIC CORRECTION DATA ACQUISITION	GS	GUIDANCE (MOTION)
	INFRARED DETECTORS		EARTH RESOURCES PROGRAM	RT	. INJECTION GUIDANCE ASCENT TRAJECTORIES
	FLIR DETECTORS		ENVIRONMENTAL MONITORING	n i	CELESTIAL NAVIGATION
	INFRARED RADIOMETERS		FOREST FIRE DETECTION		COMMAND GUIDANCE
RT	BOLOMETERS		PRESSURE MODULATOR RADIOMETERS		INERTIAL GUIDANCE
	∞ DETECTORS		RADIOMETRIC CORRECTION		MIDCOURSE GUIDANCE
	ELECTROMAGNETIC MEASUREMENT		SATELLITE-BORNE INSTRUMENTS		RENDEZVOUS GUIDANCE
	FOCAL PLANE DEVICES FOREST FIRE DETECTION		THERMAL MAPPING VISIBLE INFRARED SPIN SCAN		SATELLITE GUIDANCE
	INFRARED SIGNATURES		RADIOMETER		SPACECRAFT GUIDANCE
	MERCURY CADMIUM TELLURIDES		TIX BIOINE TEXT		TRANSEARTH INJECTION TRANSLUNAR INJECTION
		INFRAR	ED SPECTROMETERS		CONTROLOGICAL HADEOTION
INFRAF	IED IMAGERY	GS	MEASURING INSTRUMENTS	INJECT	ORS
GS	IMAGERY		. OPTICAL MEASURING INSTRUMENTS	GS	INJECTORS
	. INFRARED IMAGERY		INFRARED SPECTROMETERS		. VORTEX INJECTORS
	PHOTOGRAPHY		FILTER WHEEL INFRARED	RT	BLOWERS
ρт	. INFRARED IMAGERY		SPECTROMETERS		CARBURETORS
AT	COLOR INFRARED PHOTOGRAPHY LUNAR EQUATOR		. RADIATION MEASURING INSTRUMENTS		EJECTORS
	THERMOGRAPHY		. ACTINOMETERS		FEEDERS
	X RAY IMAGERY		INFRARED SPECTROMETERS INFRARED INSTRUMENTS		FUEL INJECTION
			INFRARED INSTRUMENTS		FUEL SYSTEMS INJECTION
INFRAF	ED INSTRUMENTS		. SPECTROMETERS		JET FLOW
GS	MEASURING INSTRUMENTS		INFRARED SPECTROMETERS		JET MIXING FLOW
	. RADIATION MEASURING INSTRUMENTS		FILTER WHEEL INFRARED		∞JET NOZZLES
	. INFRARED INSTRUMENTS		SPECTROMETERS		∞ JETS
	INFRARED DETECTORS		OPTICAL EQUIPMENT		NOZZLE FLOW
	FLIR DETECTORS INFRARED RADIOMETERS		. OPTICAL MEASURING INSTRUMENTS . INFRARED SPECTROMETERS		∞ NOZZLES OBJEICES
	IN THE TOUCHETERS		NANLU SFEU! NUME! ENS		ORIFICES

INLET FLOW INSTRUMENT TRANSMITTERS-(CONT.)
RECORDING INSTRUMENTS INSTRUMENT FLIGHT RULES INJECTORS-(CONT.) IFR (RULES) PUMPS SPRAY NOZZLES TRANSDUCERS GS RULÈS FLIGHT RULES . INSTRUMENT FLIGHT RULES
AIR NAVIGATION
AIR TRAFFIC CONTROL ∞ INSULATED STRUCTURES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS INLET FLOW RT FLUID FLOW GS . INLET FLOW BYPASS RATIO ∞DIFFUSERS LISTED BELOW) APPROACH CONTROL **RT** RT DIELECTRICS REACONS ELECTRICAL INSULATION HEAT RADIATORS BLIND LANDING DUMP COMBUSTORS FLOW GEOMETRY FLIGHT CONDITIONS FLIGHT INSTRUMENTS HEAT SHIELDING FLUID INJECTION HYPERSONIC VEHICLES FLIGHT PLANS HEAD FLOW INLET AIRFRAME CONFIGURATIONS LANDING LOW VISIBILITY RADIATION SHIELDING INTAKE SYSTEMS REENTRY SHIELDING ∞ PRESSURE DROP REENTRY VEHICLES INSTRUMENT LANDING SYSTEMS SUPERSONIC INLETS SPACECRAFT SHIELDING ILS (LANDING SYSTEMS)
LANDING AIDS
. INSTRUMENT LANDING SYSTEMS VORTEX GENERATORS INTEGRAL EQUATIONS
UF INTEGRODIFFERENTIAL EQUATIONS INLET NOZZLES ALL-WEATHER LANDING SYSTEMS
AUTOMATIC LANDING CONTROL
AIR TRAFFIC CONTROL AIR INTAKES ANNULAR NOZZLES ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS GS RT BYPASS RATIO CONICAL NOZZLES DIFFUSERS AIRCRAFT GUIDANCE AIRCRAFT INSTRUMENTS AIRCRAFT LANDING FREDHOLM EQUATIONS
J INTEGRAL ENGINE INLETS
EXHAUST NOZZLES SINGULAR INTEGRAL EQUATIONS VOLTERRA EQUATIONS WIENER HOPF EQUATIONS AIRPORTS
APPROACH CONTROL INLET AIRFRAME CONFIGURATIONS APPROACH INDICATORS INTAKE SYSTEMS
INTERNAL COMPRESSION INLETS ASYMPTOTIC PROPERTIES CALCULUS OF VARIATIONS DIFFERENTIAL EQUATIONS BLIND LANDING DISPLAY DEVICES FLIGHT CONTROL ∞ NOZZLES DISTRIBUTED PARAMETER SYSTEMS OPENINGS FLIGHT INSTRUMENTS PIPE NOZZLES GLIDE PATHS - EQUATIONS MELLIN TRANSFORMS
METHOD OF MOMENTS
NONLINEAR EQUATIONS GROUND BASED CONTROL INLET PRESSURE ∞ INSTRUMENTS PRESSURE LANDING GS PERCUS METHOD RANGE (EXTREMES) SCHMIDT METHOD INLET PRESSURE
PRESSURE GRADIENTS
PRESSURE RECOVERY LANDING INSTRUMENTS NIGHT FLIGHTS (AIRCRAFT) RT RADAR TRANSPORT THEORY STAGNATION PRESSURE RADAR APPROACH CONTROL RADIO ALTIMETERS RADIO BEACONS WATER PRESSURE INTEGRAL ROCKET RAMJETS **ENGINES** ∞ SYSTEMS INLET TEMPERATURE . AIR BREATHING ENGINES
. GAS TURBINE ENGINES TRACKING (POSITION) TEMPERATURE . INLET TEMPERATURE . JET ENGINES AIR INTAKES INSTRUMENT ORIENTATION RAMJET ENGINES
. INTEGRAL ROCKET RAMJETS ALIGNMENT
ATTITUDE (INCLINATION)
BEARING (DIRECTION) ENGINE INLETS INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES GAS TEMPERATURE INTAKE SYSTEMS DIRECTIVITY LOOK ANGLES (ELECTRONICS) RAMJET ENGINES
INTEGRAL ROCKET RAMJETS
SOLID PROPELLANT ROCKET ENGINES **∞ ORIENTATION** INSENSITIVITY USE SENSITIVITY **POSITIONING** RT TURBINE ENGINES INSTRUMENT PACKAGES
GS PACKAGES INSTABILITY STABILITY INTEGRODIFFERENTIAL EQUATIONS INSTRUMENT PACKAGES
APOLLO LUNAR SURFACE
EXPERIMENTS PACKAGE DIFFERENTIAL EQUATIONS INTEGRAL EQUATIONS INSTRUMENT APPROACH APPROACH

INSTRUMENT APPROACH AIRCRAFT APPROACH SPACING AIRCRAFT INSTRUMENTS APPROACH CONTROL APPROACH INDICATORS BLIND LANDING FLIGHT CONTROL FLIGHT INSTRUMENTS GLIDE PATHS LANDING AIDS LANDING RADAR NIGHT FLIGHTS (AIRCRAFT)

INSTRUMENT COMPENSATION
GS INSTRUMENT COMPENSATION
. TEMPERATURE COMPENSATION ADAPTIVE OPTICS RT CALIBRATING COMPENSATION ERROR CORRECTING DEVICES

INSTRUMENT DRIFT
USE DRIFT (INSTRUMENTATION)

### INSTRUMENT ERRORS

ERRORS GS INSTRUMENT ERRORS RT BIAS BORESIGHT ERROR CALIBRATING DRIFT (INSTRUMENTATION)

LINEARITY OPTICAL CORRECTION PROCEDURE SPECTRAL SENSITIVITY

EASEP FREP

AMPS (SATELLITE PAYLOAD)
AUTOMATIC WEATHER STATIONS
DATA COLLECTION PLATFORMS LOCAL SCIENTIFIC SURVEY MODULE MODULES MOLECULAR SHIELDS OCEAN DATA ACQUISITIONS SYSTEMS ORBITING FROG OTOLITH PAYLOAD ASSIST MODULE PAYLOADS SATELLITE-BORNE INSTRUMENTS

SPACECRAFT INSTRUMENTS WEATHER STATIONS

### INSTRUMENT RECEIVERS

CONTROLLERS DETECTORS DISPLAY DEVICES INDICATING INSTRUMENTS ∞ INSTRUMENTS ISOTROPIC TURBULENCE MEASURING INSTRUMENTS RECEIVERS RECORDING INSTRUMENTS TRANSDUCERS

INSTRUMENT TRANSMITTERS
GS TRANSMITTERS
. INSTRUMENT TRANSMITTERS CONTROLLERS

INSTRUMENTS MEASURING INSTRUMENTS INTERACTIONAL AERODYNAMICS FLUID MECHANICS GS . FLUID DYNAMICS GAS DYNAMICS

INTERACTIONAL AERODYNAMICS AIRFOILS COMPUTATIONAL FLUID DYNAMICS

∞FLOW
LAMINAR BOUNDARY LAYER

### INTERCEPTOR AIRCRAFT FIGHTER AIRCRAFT

### INTERCEPTORS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW) FIGHTER AIRCRAFT SATELLITE INTERCEPTORS

YF-12 AIRCRAFT

# INTERCONTINENTAL BALLISTIC MISSILES UF ICBM (MISSILES)

MISSILES BALLISTIC MISSILES . INTERCONTINENTAL BALLISTIC MISSILES

... ATLAS ICBM .... ATLAS D ICBM ATLAS E ICBM MINUTEMAN ICBM TITAN ICBM

# INTERNAL COMBUSTION ENGINES

INTERC	ONTINENTAL BALLISTIC-(CONT.)	INTERFEROGRAMS	INTERNAL COMBUSTION ENGINES-(CON1.)
	TITAN 2 ICBM	USE INTERFEROMETRY	INTEGRAL ROCKET RAMJETS LOW VOLUME RAMJET ENGINES
	. SURFACE TO SURFACE MISSILES		PULSEJET ENGINES
	INTERCONTINENTAL BALLISTIC	INTERFEROMETERS	
	MISSILES	GS MEASURING INSTRUME	RAMJET ENGINES
	ATLAS ICBM ATLAS D ICBM	. INTERFEROMETERS ETALONS	TURBORAMJET ENGINES
	ATLAS E ICBM	. FABRY-PEROT INTER	
	ATLAS E ROBM	. INFRARED INTERFER	
	MINUTEMAN ICBM	. MACH-ZEHNDER INT	FRFFROMFTERS TURBOJET ENGINES
	MX MISSILE	MICHELSON INTERFI	FROMETERS BRISTOL-SIDDELEY OLYMPUS
	TITAN ICBM	. MICROWAVE INTERF	FROMFTERS 593 ENGINE
	TITAN 1 ICBM	PHASE SWITCHING	BRISTOL-SIDDELEY VIPER
	TITAN 2 ICBM	INTERFEROMETE	RS ENGINE
RT	FLEET BALLISTIC MISSILES	RADIO INTERFEROM	ETERS DUCTED FAN ENGINES
	INTERMEDIATE RANGE BALLISTIC	RT DIFFRACTOMETERS	J-33 ENGINE
	MISSILES	FLATNESS	J-34 ENGINE
	MARK 1 REENTRY BODY	GONIOMETERS	J-47 ENGINE
	MARK 2 REENTRY BODY	OPTICAL EQUIPMENT	J-52 ENGINE
	MARK 3 REENTRY BODY	OPTICAL MEASUREMEN	
	MARK 4 REENTRY BODY	OPTICAL MEASURING II	NSTRUMENTS J-57-P-20 ENGINE
	MARK 5 REENTRY BODY	PHOTOGONIOMETERS	J-65 ENGINE J-69-T-25 ENGINE
	MARK 6 REENTRY BODY	RONCHI TEST	J-09-1-25 ENGINE
	MARK 11 REENTRY BODY	SAGNAC EFFECT	
	MARK 12 REENTRY BODY	VERY LONG BASE INTE	RFEROMETRY J-73 ENGINE
	MARK 17 REENTRY BODY		J-79 ENGINE
	TRANSOCEANIC SYSTEMS	INTERFEROMETRY	J-85 ENGINE
		UF INTERFEROGRAMS	J-93 ENGINE
INTER	IGITAL TRANSDUCERS	GS INTERFEROMETRY	D. 00 CHOME
GS	TRANSDUCERS	. DIFFERENTIAL INTERF	ENUMERAL FAIGURES
	INTERDIGITAL TRANSDUCERS	. HOLOGRAPHIC INTER	PRICETO PRICETO PROPERTY DE 62
RT	DIGITAL TRANSDUCERS	. LASER INTERFEROME	FAICINE
	ELECTROACOUSTIC TRANSDUCERS	. MOIRE INTERFEROME	TRY CF-700 ENGINE
	PIEZOELECTRIC TRANSDUCERS	, RONCHI TEST	CONTRED TIDLE FAN CHAFT
	SURFACE ACOUSTIC WAVE DEVICES	. SPECKLE INTERFERO	MEINT
	COMPACE ACCOUNTS WATE DEVICES	. VERY LONG BASE IN	I OT ENGINE
		RT DIFFRACTION PATTERN	TE 20 ENGINE
INTERF	ACE STABILITY	FRESNEL DIFFRACTION	TE 41 ENGINE
RT	FLUID BOUNDARIES	FRESNEL REFLECTORS	TURBORROR ENGINES
	GAS-SOLID INTERFACES	INFRARED INTERFERON	AETERS T-34 ENGINE
	INTERFACES	ISOCHROMATICS	T-38 ENGINE
	LIQUID SLOSHING	NULL ZONES	T EO ENCINE
	LIQUID-LIQUID INTERFACES	PLASMA FLUX MEASUR	EMENT T-56 ENGINE
	LIQUID-SOLID INTERFACES	SAGNAC EFFECT	T 64 ENGINE
	LIQUID-VAPOR INTERFACES	SCATTER PLATES (OPT	iCS) T-74 ENGINE
	TAYLOR INSTABILITY		T-78 ENGINE
	ULLAGE	INTERIM UPPER STAGE (STS)	TURRORAM IET ENGINES
		USE INERTIAL UPPER STAGE	T-58 ENGINE
WTED	ACER		T-58-GE-8B ENGINE
INTERF		INTERIOR BALLISTICS	. HELICOPTER ENGINES
GS	INTERFACES	GS BALLISTICS	. ROTARY ENGINES
	. FLUID BOUNDARIES GAS-SOLID INTERFACES	. INTERIOR BALLISTICS	WANKEL ENGINES
	JET BOUNDARIES	RT PROPELLANT TESTS	RT AFTERBURNING
	. LIQUID-LIQUID INTERFACES		AIRCRAFT ENGINES
	. LIQUID-SOLID INTERFACES	INTERLACING DRAINAGE	AUTOMOBILE ENGINES
	. LIQUID-VAPOR INTERFACES	USE DRAINAGE PATTERNS	AUTOMOBILE FUELS
	SOLID-SOLID INTERFACES		∞ BEARING
RT	BOUNDARIES	INTERMEDIATE RANGE BALLIST	
n.	COORDINATION	UF IRBM (MISSILES)	BOOSTER ROCKET ENGINES
	DATA PROCESSING EQUIPMENT	GS MISSILES	CAMS
	FREE BOUNDARIES	. BALLISTIC MISSILES	CARBURETORS
	INTERFACE STABILITY	. INTERMEDIATE RAN	
	MANAGEMENT PLANNING	MISSILES	COMBUSTION CHAMBERS
	PROJECT MANAGEMENT	BLUE STREAK MIS	SILE DIESEL FUELS
	SURFACE PROPERTIES	JUPITER MISSILE	DISTRIBUTORS
	SURFACE REACTIONS	POLARIS MISSILES	DUCTED ROCKET ENGINES
	∞ SURFACES	POLARIS A1 MISS	SILE ELECTRIC HYBRID VEHICLES
	TELECOMMUNICATION	POLARIS A2 MISS	BILE ENGINE PARTS
		POLARIS A3 MISS	
		, SURFACE TO SURFACE	
	ERENCE DRAG	INTERMEDIATE RAN	GE BALLISTIC EXHAUST SYSTEMS
GS	AERODYNAMIC CHARACTERISTICS	MISSILES	EXTERNAL COMBUSTION ENGINES
	. INTERFERENCE DRAG	BLUE STREAK MIS	SILE FUEL CONSUMPTION
	DYNAMIC CHARACTERISTICS	JUPITER MISSILE	FUEL INJECTION
	. DRAG	POLARIS MISSILES	FUEL PUMPS
	PRESSURE DRAG	POLARIS A1 MIS	
	WAVE DRAG	POLARIS A2 MISS	
	INTERFERENCE DRAG	POLARIS A3 MISS	
₽T	PROPELLER SLIPSTREAMS	RT FIELD ARMY BALLISTIC	
	SUPERSONIC DRAG	FLEET BALLISTIC MISSI	
	UPWASH	INTERCONTINENTAL BA	
		MARK 1 REENTRY BOD	
INTERI	ERENÇE LIFT	MARK 2 REENTRY BOD	
GS	AERODYNAMIC CHARACTERISTICS	MARK 3 REENTRY BOD	
	. LIFT	SHORT RANGE BALLIS	
	. INTERFERENCE LIFT		SOLID PROPELLANT ROCKET ENGINES
	AERODYNAMIC FORCES	INTERNAL COMBUSTION ENGINE	SPARK PLUGS
	. LIFT	SN (EXCLUDES ROCKET E	VGINES) SUPERCHARGERS
	. INTERFERENCE LIFT	GS ÈNGINES	SUSTAINER ROCKET ENGINES
	DISTRIBUTION (PROPERTY)	. INTERNAL COMBUST	ON ENGINES THERMODYNAMIC CYCLES
	. INTERFERENCE LIFT	DIESEL ENGINES	THERMODYNAMIC EFFICIENCY
	. INTERFERENCE LIFT DYNAMIC CHARACTERISTICS	Diesel engines Gas turbine engli	NES TORPEDO ENGINES
			NES TORPEDO ENGINES
	DYNAMIC CHARACTERISTICS	GAS TURBINE ENGI	NES TORPEDO ENGINES
RT	DYNAMIC CHARACTERISTICS . LIFT	GAS TURBINE ENGI HYDROGEN ENGIN	NES TORPEDO ENGINES VERNIER ENGINES

### INTERNAL COMPRESSION INLETS

INTERNAL COMPRESSION INLETS ION SPECTROMETERS ITERATIVE SOLUTION-(CONT.)
RT ASYMPTOTIC METHODS
CHOLESKY FACTORIZATION INTAKE SYSTEMS
INTERNAL COMPRESSION INLETS MASS SPECTROMETERS AIR INTAKES IRBM (MISSILES)
USE INTERMEDIATE RANGE BALLISTIC CONJUGATE GRADIENT METHOD COMPRESSING FINITE ELEMENT METHOD
MULTIGRID METHODS ENGINE INLETS MISSILES INLET NOZZLES NEWTON METHODS
PREDICTOR-CORRECTOR METHODS
STRANGE ATTRACTORS SUPERSONIC INLETS IROQUOIS HELICOPTER
USE UH-1 HELICOPTER INTERNAL ENERGY CHEMICAL ENERGY ENERGY IRROTATIONAL FLOW POTENTIAL FLOW USF INERTIAL UPPER STAGE FREE ENERGY GIBBS-HELMHOLTZ EQUATIONS
KINETIC ENERGY ISENTROPE ADIABATIC CONDITIONS ISENTROPIC PROCESSES MOLLIER DIAGRAM J MOLECULAR ENERGY LEVELS PARTICLE ENERGY POISSON EQUATION POTENTIAL ENERGY J-33 ENGINE THERMAL ENERGY ISKRA AIRCRAFT **ENGINES** THERMODYNAMICS TS-11 AIRCRAFT AIR BREATHING ENGINES ... GAS TURBINE ENGINES ... JET ENGINES INTERNAL PRESSURE

SN (LIMITED TO PRESSURE INSIDE A
PORTION OF MATTER DUE TO
ATTRACTION BETWEEN MOLECULES) **ISOCHROMATICS** ... JET ENGINES
... TURBOJET ENGINES
... J-33 ENGINE
INTERNAL COMBUSTION ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES COLOR DICHROISM DIFFRACTION INTERFEROMETRY PRESSURE GS . INTERNAL PRESSURE ADHESION REFRACTION RT SPECKLE INTERFEROMETRY COHESION GAS PRESSURE TURBINE ENGINES

GAS TURBINE ENGINES ISOPARAMETRIC FINITE ELEMENTS PARTIAL PRESSURE CONFORMAL MAPPING COORDINATE TRANSFORMATIONS PRESSURE DISTRIBUTION JET ENGINES TURBOJET ENGINES . J-33 ENGINE SPREADING ∞ ELEMENTS TEMPERATURE INVERSIONS FINITE ELEMENT METHOD FRACTURE MECHANICS TURBOMACHINERY . J-33 ENGINE MACE MISSILES NUMERICAL ANALYSIS INTERNAL WAVES RT INTERNAL WAVES GS STRESS ANALYSIS J-34 ENGINE SURFACE WAVES **ISOPLETHS** XJ-34-WE-32 ENGINE ∞ WAVES USE **NOMOGRAPHS** GS **ENGINES** AIR BREATHING ENGINES INTERNATIONAL COMETARY EXPLORER
USE INTERNATIONAL SUN EARTH EXPLORER ISOTHERMAL FLOW . GAS TURBINE ENGINES FLUID FLOW GS . JET ENGINES . . TURBOJET ENGINES . ISOTHERMAL FLOW FLOW DISTRIBUTION .... J-34 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES ISOTHERMS INTERNATIONAL SUN EARTH EXPLORER 3 TEMPERATURE DISTRIBUTION INTERNATIONAL COMETARY EXPLORER ARTIFICIAL SATELLITES GS JET ENGINES . SCIENTIFIC SATELLITES
.. EXPLORER SATELLITES
... INTERNATIONAL SUN EARTH ISOTHERMAL LAYERS . TURBOJET ENGINES ISOTHERMS LAMINAR BOUNDARY LAYER .... J-34 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES STRATOSPHERE EXPLORERS
INTERNATIONAL SUN EARTH STRATOSPHERIC WARMING TEMPERATURE DISTRIBUTION JET ENGINES EXPLORER 3 TURBOJET ENGINES TEMPERATURE GRADIENTS THERMAL MAPPING TROPOPAUSE INTERPOLATION J-47 ENGINE GS ENGINES ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS ISOTONICITY ... INTERPOLATION COMMUTATION . AIR BREATHING ENGINES BODY FLUIDS OSMOSIS RT COMPUTATION EXTRAPOLATION ISOTROPIC TURBULENCE FINITE DIFFERENCE THEORY STATISTICAL ANALYSIS TURBULENCE
. ISOTROPIC TURBULENCE ATMOSPHERIC TURBULENCE COORDINATE TRANSFORMATIONS . JET ENGINES
. TURBOJET ENGINES INTRUDER AIRCRAFT A-6 AIRCRAFT HOMOGENEOUS TURBULENCE .... J-47 ENGINE
. TURBINE ENGINES
.. GAS TURBINE ENGINES INSTRUMENT RECEIVERS INVARIANT IMBEDDINGS KOLMOGOROFF THEORY INVADER AIRCRAFT B-26 AIRCRAFT JET ENGINES
TURBOJET ENGINES
J-47 ENGINE MAGNETOHYDRODYNAMIC TURBULENCE TURBULENT FLOW INVISCID FLOW NONVISCOUS FLOW FLUID FLOW GS **ITERATION** J-52 ENGINE ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS AIRCRAFT ENGINES
. J-52 ENGINE GS STAGNATION FLOW AERODYNAMICS CROCCO METHOD RT ITERATION ENGINES
. INTERNAL COMBUSTION ENGINES CONJUGATE GRADIENT METHOD ITERATIVE SOLUTION CROCCO-LEE THEORY GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES NEWTON METHODS
PREDICTOR-CORRECTOR METHODS FLOW FLOW CHARACTERISTICS GAS FLOW LAMINAR FLOW MULTIGRID METHODS ..... J-52 ENGINE
. TURBINE ENGINES
. GAS TURBINE ENGINES PROBABILITY THEORY PROBLEM SOLVING POTENTIAL FLOW PRANDTL NUMBER REYNOLDS NUMBER JET ENGINES
TURBOJET ENGINES **ITERATIVE SOLUTION** STAGNATION TEMPERATURE ANALYSIS (MATHEMATICS) J-52 ENGINE TURBULENT FLOW . NUMERICAL ANALYSIS VISCOUS FLOW

. . ITERATION

. ITERATIVE SOLUTION

PROBLEM SOLVING

J-57 ENGINE

ENGINES

. AIR BREATHING ENGINES

. . GAS TURBINE ENGINES

INVISIBILITY

VISIBILITY

J-57	ENGINE-(CONT.)		ENGINE	J-93 EN	GINE-(CONT.)
	JET ENGINES	UF	YJ-73-GE-3 ENGINE		TURBINE ENGINES
	TURBOJET ENGINES	GS	YJ73 TURBOJET ENGINE ENGINES		. GAS TURBINE ENGINES
	INTERNAL COMBUSTION ENGINES	us.	. AIR BREATHING ENGINES		JET ENGINES
	. GAS TURBINE ENGINES		. GAS TURBINE ENGINES		TURBOJET ENGINES
	JET ENGINES		JET ENGINES		J-93 ENGINE
	TURBOJET ENGINES		TURBOJET ENGINES		
	J-57 ENGINE		J-73 ENGINE	J-97 EM	
	. TURBINE ENGINES		. INTERNAL COMBUSTION ENGINES . GAS TURBINE ENGINES	GS	AIRCRAFT ENGINES
	GAS TURBINE ENGINES JET ENGINES		JET ENGINES		. J-97 ENGINE ENGINES
	TURBOJET ENGINES		TURBOJET ENGINES		. AIR BREATHING ENGINES
	J-57 ENGINE		J-73 ENGINE		GAS TURBINE ENGINES
RT	AFTERBURNING		. TURBINE ENGINES		JET ENGINES
			GAS TURBINE ENGINES JET ENGINES		TURBOJET ENGINES
	P-20 ENGINE		TURBOJET ENGINES		TURBOFAN ENGINES
GS	ENGINES		J-73 ENGINE		. INTERNAL COMBUSTION ENGINES
	. AIR BREATHING ENGINES GAS TURBINE ENGINES				GAS TURBINE ENGINES
	JET ENGINES	J-75 I	ENGINE		JET ENGINES
	TURBOJET ENGINES	GS	ENGINES		TURBOJET ENGINES
	J-57-P-20 ENGINE		. AIR BREATHING ENGINES		TURBOFAN ENGINES
	INTERNAL COMBUSTION ENGINES		GAS TURBINE ENGINES JET ENGINES		TURBINE ENGINES
	GAS TURBINE ENGINES JET ENGINES		TURBOJET ENGINES		GAS TURBINE ENGINES
	TURBOJET ENGINES		J-75 ENGINE		JET ENGINES
	J-57-P-20 ENGINE		. INTERNAL COMBUSTION ENGINES		TURBOJET ENGINES
	. TURBINE ENGINES		. GAS TURBINE ENGINES		TURBOFAN ENGINES
	GAS TURBINE ENGINES		JET ENGINES TURBOJET ENGINES		5-97 ENGINE
	JET ENGINES TURBOJET ENGINES		J-75 ENGINE	JABIRU	ROCKET VEHICLE
	J-57-P-20 ENGINE		. TURBINE ENGINES	USE	JAGUAR ROCKET VEHICLE
RT	AFTERBURNING		GAS TURBINE ENGINES		
			JET ENGINES	JACKET:	
J-58	ENGINE		TURBOJET ENGINES	SN	(EXCLUDES CLOTHING)
GS	AIRCRAFT ENGINES		J-75 ENGINE	RT	ABSORBERS (MATERIALS) CASING
	. J-58 ENGINE	1.70.5	NGINE	٥	COOLING
		UF	XJ-79-GE-1 ENGINE		COVERINGS
	ENGINE	0,	YJ-79 ENGINE		HEATING
GS	ENGINES	GS	ENGINES		INSULATION
	. AIR BREATHING ENGINES GAS TURBINE ENGINES		. AIR BREATHING ENGINES		LININGS
	JET ENGINES		GAS TURBINE ENGINES		SHEATHS
	TURBOJET ENGINES		JET ENGINES TURBOJET ENGINES	∞ JACKS	
	J-65 ENGINE		J-79 ENGINE	SN	(USE OF A MORE SPECIFIC TERM IS
	. INTERNAL COMBUSTION ENGINES		. INTERNAL COMBUSTION ENGINES		RECOMMENDED-CONSULT THE TERMS
	GAS TURBINE ENGINES		GAS TURBINE ENGINES		LISTED BELOW)
	JET ENGINES TURBOJET ENGINES		JET ENGINES	RT	ELECTRIC CONNECTORS
	J-65 ENGINE		TURBOJET ENGINES		ELEVATORS (LIFTS) JACKS (LIFTS)
	. TURBINE ENGINES		. TURBINE ENGINES		JACKS (EIF13)
	GAS TURBINE ENGINES		GAS TURBINE ENGINES	JAGUAR	AIRCRAFT
	JET ENGINES		JET ENGINES	GS	ATTACK AIRCRAFT
	TURBOJET ENGINES <b>J-65 ENGINE</b>		TURBOJET ENGINES		. FIGHTER AIRCRAFT
AT	A-4 AIRCRAFT	RT	J-79 ENGINE F-4 AIRCRAFT		. JAGUAR AIRCRAFT
		n.	F-4 AIRCRAFT		SINGLE ENGINE AIRCRAFT . JAGUAR AIRCRAFT
1-69-	T-25 ENGINE	Les s	NGINE		SUPERSONIC AIRCRAFT
UF	MARBORE 2 ENGINE	UF	YJ-85 ENGINE		JAGUAR AIRCRAFT
GS	ENGINES	GS	ENGINES		TRAINING AIRCRAFT
	. AIR BREATHING ENGINES		. AIR BREATHING ENGINES	0.7	. JAGUAR AIRCRAFT
	GAS TURBINE ENGINES JET ENGINES		GAS TURBINE ENGINES	₽T α	∍AIRCRAFT BREGUET AIRCRAFT
	TURBOJET ENGINES		JET ENGINES TURBOJET ENGINES	ar	MILITARY AIRCRAFT
	J-69-T-25 ENGINE		J-85 ENGINE		
	. INTERNAL COMBUSTION ENGINES		. INTERNAL COMBUSTION ENGINES		ROCKET VEHICLE
	GAS TURBINE ENGINES		GAS TURBINE ENGINES	UF	JABIRU ROCKET VEHICLE
	JET ENGINES TURBOJET ENGINES		JET ENGINES TURBOJET ENGINES	GS	ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES
	J-69-T-25 ENGINE		J-85 ENGINE		. JAGUAR ROCKET VEHICLE
	. TURBINE ENGINES		TURBINE ENGINES		SOUNDING ROCKETS
	GAS TURBINE ENGINES		GAS TURBINE ENGINES		JAGUAR ROCKET VEHICLE
	JET ENGINES		JET ENGINES	RT	SOLID PROPELLANT ROCKET ENGINES
	TURBOJET ENGINES <b>J-69-T-25 ENGINE</b>		TURBOJET ENGINES		
		RT	J-85 ENGINE BLUE GOOSE MISSILE	JANUS S GS	SPACECRAFT GLIDERS
L-71	ENGINE	***	OSPREY MISSILE	43	. JANUS SPACECRAFT
GS	ENGINES				LIFTING BODIES
	. AIR BREATHING ENGINES	J-93 E	NGINE		. LIFTING REENTRY VEHICLES
	GAS TURBINE ENGINES	UF	J93-MJ252H ENGINE		. JANUS SPACECRAFT
	JET ENGINES		J93-MJ280G ENGINE		MANEUVERABLE SPACECRAFT . JANUS SPACECRAFT
	TURBOJET ENGINES		YJ-93 ENGINE YJ-93-GE-3 ENGINE		MANNED SPACECRAFT
	INTERNAL COMBUSTION ENGINES	GS	ENGINES		JANUS SPACECRAFT
	. GAS TURBINE ENGINES		. AIR BREATHING ENGINES		REENTRY VEHICLES
	JET ENGINES		GAS TURBINE ENGINES		. MANEUVERABLE REENTRY BODIES
	TURBOJET ENGINES		JET ENGINES		LIFTING REENTRY VEHICLES
	J-71 ENGINE		TURBOJET ENGINES		JANUS SPACECRAFT SOFT LANDING SPACECRAFT
	. TURBINE ENGINES GAS TURBINE ENGINES		J-93 ENGINE . INTERNAL COMBUSTION ENGINES		. JANUS SPACECRAFT
	JET ENGINES		. GAS TURBINE ENGINES		
	TURBOJET ENGINES		JET ENGINES	JATO EN	
	J-71 ENGINE		TURBOJET ENGINES	UF	JET ASSISTED TAKEOFF

### **JAVELIN AIRCRAFT**

JET AIRCRAFT-(CONT.)
. HFB-320 AIRCRAFT JET AIRCRAFT-(CONT.) JATO ENGINES-(CONT.) XC-142 AIRCRAFT XV-4 AIRCRAFT XV-5 AIRCRAFT ENGINÈS JATO ENGINES HP-115 AIRCRAFT HS-801 AIRCRAFT **LAUNCHERS** JET PROVOST AIRCRAFT XV-9A AIRCRAFT AIRCRAFT LAUNCHING DEVICES
JATO ENGINES JETSTREAM AIRCRAFT JINDIVIK TARGET AIRCRAFT L-29 JET TRAINER YAK 40 AIRCRAFT ∞ AIRCRAFT SHORT TAKEOFF AIRCRAFT
SOLID PROPELLANT ROCKET ENGINES RT AIRCRAFT NOISE ATTACK AIRCRAFT L-1011 AIRCRAFT L-2000 AIRCRAFT TAKEOEF B-1 AIRCRAFT LEAR JET AIRCRAFT MIRAGE AIRCRAFT MIRAGE 3 AIRCRAFT BOMBER AIRCRAFT CARGO AIRCRAFT JAVELIN AIRCRAFT GA-5 AIRCRAFT COMMERCIAL AIRCRAFT NORD 1500 AIRCRAFT FIGHTER AIRCRAFT JAVELIN ROCKET VEHICLE FLYING PLATFORMS P-3 AIRCRAFT ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES P-308 AIRCRAFT GENERAL AVIATION AIRCRAFT P-1052 AIRCRAFT PD-808 AIRCRAFT PHANTOM AIRCRAFT HYPERSONIC AIRCRAFT ARGO ROCKET VEHICLES
ROCKET PROPELLED SLEDS ∞ LOW WING AIRCRAFT ∞ MILITARY AIRCRAFT MYSTERE 50 AIRCRAFT RT F-4 AIRCRAFT SOLID PROPELLANT ROCKET ENGINES SOUNDING ROCKETS SC-1 AIRCRAFT SCIMITAR AIRCRAFT PASSENGER AIRCRAFT RECONNAISSANCE AIRCRAFT T-2 AIRCRAFT T-33 AIRCRAFT RESEARCH AIRCRAFT SHORT TAKEOFF AIRCRAFT JC-130 AIRCRAFT C-130 AIRCRAFT USE T-37 AIRCRAFT ∞ SUBSONIC AIRCRAFT T-38 AIRCRAFT SUPERSONIC AIRCRAFT
TAILLESS AIRCRAFT
TANDEM WING AIRCRAFT T-39 AIRCRAFT JET AIRCRAFT TS-11 AIRCRAFT JET FLIGHT TURBOJET AIRCRAFT UF TSR-2 AIRCRAFT TERRAIN FOLLOWING AIRCRAFT TRAINING AIRCRAFT TU-104 AIRCRAFT JET AIRCRAFT GS TU-124 AIRCRAFT TURBOFAN AIRCRAFT A-2 AIRCRAFT TRANSPORT AIRCRAFT A-3 AIRCRAFT TU-154 AIRCRAFT TURBOJET ENGINES A-7 AIRCRAFT A-4 AIRCRAFT A-7 AIRCRAFT
BAC 111 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 757 AIRCRAFT A-5 AIRCRAFT V/STOL AIRCRAFT ∞WINGED VEHICLES A-6 AIRCRAFT ALPHA JET AIRCRAFT AN-2 AIRCRAFT YF-12 AIRCRAFT AVRO 707 AIRCRAFT B-47 AIRCRAFT JET AIRCRAFT NOISE JET NOISE B-50 AIRCRAFT UF BOEING 767 AIRCRAFT GS. ELASTIC WAVES B-52 AIRCRAFT SOUND WAVES NOISE (SOUND) C-141 AIRCRAFT B-57 AIRCRAFT CL-600 CHALLENGER AIRCRAFT B-58 AIRCRAFT ... AIRCRAFT NOISE
... JET AIRCRAFT NOISE
ACOUSTIC RETROFITTING CONCORDE AIRCRAFT B-66 AIRCRAFT B-70 AIRCRAFT CV-990 AIRCRAFT DC 8 AIRCRAFT BOEING 747 AIRCRAFT BOEING 2707 AIRCRAFT BUCCANEER AIRCRAFT RT DH 121 AIRCRAFT DO-31 AIRCRAFT AERODYNAMIC NOISE F-28 TRANSPORT AIRCRAFT AIRCRAFT RUNUP C-5 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT
C-9 AIRCRAFT F-111 AIRCRAFT IL-62 AIRCRAFT ENGINE NOISE MYSTERE 20 AIRCRAFT P-1127 AIRCRAFT P-1154 AIRCRAFT NOISE MEASUREMENT C-119 AIRCRAFT C-135 AIRCRAFT NOISE REDUCTION QUIET ENGINE PROGRAM C-140 AIRCRAFT SAAB 37 AIRCRAFT SAAB 105 AIRCRAFT SONIC BOOMS CANBERRA AIRCRAFT CL-41 AIRCRAFT SE-210 AIRCRAFT CL-823 AIRCRAFT COMET 4 AIRCRAFT CV-880 AIRCRAFT JET AMPLIFIERS
UF FLUID JET AMPLIFIERS TU-134 AIRCRAFT AMPLIFIERS
. FLUID AMPLIFIERS
. JET AMPLIFIERS
COANDA EFFECT GS TURBOPROP AIRCRAFT D-558 AIRCRAFT AN-22 AIRCRAFT AN-24 AIRCRAFT DC 9 AIRCRAFT DC 10 AIRCRAFT RT ARGOSY MK-1 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 1150 AIRCRAFT DH 112 AIRCRAFT DH 115 AIRCRAFT FLUID JETS ∞JET NOZZLES DH 125 AIRCRAFT NOZZLE WALLS C-2 AIRCRAFT DHC 2 AIRCRAFT EUROPEAN AIRBUS C-130 AIRCRAFT JET ASSISTED TAKEOFF C-130 AIRCRAFT C-160 AIRCRAFT CL-44 AIRCRAFT A-300 AIRCRAFT A-310 AIRCRAFT JATO ENGINES A-320 AIRCRAFT JET AUGMENTED WING FLAPS CL-84 AIRCRAFT F-2 AIRCRAFT JET FLAPS USE DHC 5 AIRCRAFT E-2 AIRCRAFT F-5 AIRCRAFT WING FLAPS F-8 AIRCRAFT **ELECTRA AIRCRAFT** F-9 AIRCRAFT JET BLAST EFFECTS F-27 AIRCRAFT G-222 AIRCRAFT F-14 AIRCRAFT ∞ BLASTS F-15 AIRCRAFT ∞ EFFECTS HS-748 AIRCRAFT MH-262 AIRCRAFT OV-1 AIRCRAFT F-16 AIRCRAFT F-17 AIRCRAFT EXHAUST GASES GROUND EFFECT (AERODYNAMICS) F-18 AIRCRAFT NOISE (SOUND)
PRESSURE EFFECTS OV-10 AIRCRAFT SC-5 AIRCRAFT VISCOUNT AIRCRAFT F-20 AIRCRAFT F-84 AIRCRAFT TEMPERATURE EFFECTS F-86 AIRCRAFT . YS-11 AIRCRAFT U-2 AIRCRAFT F-89 AIRCRAFT JET BOUNDARIES F-94 AIRCRAFT BOUNDARIES VALIANT AIRCRAFT F-100 AIRCRAFT . FLUID BOUNDARIES VAMPIRE MK 35 AIRCRAFT F-101 AIRCRAFT VC-10 AIRCRAFT F-102 AIRCRAFT INTERFACES VICTOR MK-1 AIRCRAFT F-104 AIRCRAFT . FLUID BOUNDARIES VJ-101 AIRCRAFT VULCAN AIRCRAFT F-105 AIRCRAFT F-106 AIRCRAFT FREE JETS RT X-3 AIRCRAFT FD 2 AIRCRAFT G-91 AIRCRAFT LIQUID SURFACES X-5 AIRCRAFT X-13 AIRCRAFT WALL JETS G-95/4 AIRCRAFT X-14 AIRCRAFT **GA-5 AIRCRAFT** JET CONDENSERS X-21 AIRCRAFT H-17 HELICOPTER X-21A AIRCRAFT CONDENSERS (LIQUEFIERS)

H-126 AIRCRAFT

# JET IMPINGEMENT

	JET ENGINES-(CONT.)	JET ENGINES-(CONT.)
JET CONDENSERS-(CONT.)	T-74 ENGINE	T-34 ENGINE
. JET CONDENSERS  RTCONDENSERS	TURBORAMJET ENGINES	T-38 ENGINE
LIQUEFACTION	. INTERNAL COMBUSTION ENGINES . GAS TURBINE ENGINES	T-56 ENGINE
NUCLEATION	JET ENGINES	T-64 ENGINE
SPRAY CONDENSERS	RAMJET ENGINES	T-74 ENGINE
WORKING FLUIDS	INTEGRAL ROCKET RAMJETS	T-78 ENGINE TURBORAMJET ENGINES
JET CONTROL	LOW VOLUME RAMJET ENGINES  PULSEJET ENGINES	RT AFTERBURNING
RT AUTOMATIC CONTROL	SUPERSONIC COMBUSTION	AIRCRAFT ENGINES
BOUNDARY LAYER CONTROL	RAMJET ENGINES	COMBUSTION CHAMBERS
∞ CONTROL	TURBORAMJET ENGINES	EJECTORS ENGINE STARTERS
DIRECTIONAL CONTROL SATELLITE ATTITUDE CONTROL	T-63 ENGINE	EXHAUST NOZZLES
SATELLITE CONTROL	T-76 ENGINE TURBOJET ENGINES	FLAMEOUT
THRUST CONTROL	BRISTOL-SIDDELEY OLYMPUS	FLYING EJECTION SEATS
VARIABLE THRUST	593 ENGINE	FUEL INJECTION
	BRISTOL-SIDDELEY VIPER	FUEL PUMPS HELICOPTER ENGINES
JET DAMPING	ENGINE	HYBRID PROPELLANT ROCKET ENGINES
USE DAMPING SPIN REDUCTION	DUCTED FAN ENGINES J-33 ENGINE	HYBRID PROPULSION
SPIN REDUCTION	J-34 ENGINE	INFRARED SUPPRESSION
JET DRAGON AIRCRAFT	J-47 ENGINE	∞JET NOZZLES QUIET ENGINE PROGRAM
USE DH 125 AIRCRAFT	J-52 ENGINE	REACTION PRODUCTS
	J-57 ENGINE	ROCKET ENGINES
JET DRIVE	J-57-P-20 ENGINE J-85 ENGINE	THRUST
USE JET PROPULSION	J-69-T-25 ENGINE	
JET ENGINE FUELS	J-71 ENGINE	JET EXHAUST
UF JET FUELS	J-73 ENGINE	UF HOT JET EXHAUST
GS FUELS	J-75 ENGINE J-79 ENGINE	RT BASE HEATING
. CHEMICAL FUELS	J-79 ENGINE	EXHAUST EMISSION EXHAUST GASES
. HYDROCARBON FUELS	J-93 ENGINE	INFRARED SUPPRESSION
JET ENGINE FUELS JP-4 JET FUEL	RA-28 ENGINE	ROCKET EXHAUST
JP-5 JET FUEL	TURBOFAN ENGINES	
JP-6 JET FUEL	BRISTOL-SIDDELEY BS 53 ENGINE	JET FLAMES
JP-8 JET FUEL	CF-700 ENGINE	USE FLAMES
LIQUID FUELS <b>Jet engine fuels</b>	CONVERTIBLE FAN-SHAFT	JET FLOW
JP-4 JET FUEL	ENGINES	
JP-5 JET FUEL	, J-97 ENGINE	JET FLAPS UF JET AUGMENTED WING FLAPS
JP-6 JET FUEL	TF-30 ENGINE	UF JET AUGMENTED WING FLAPS GS AIRFOILS
JP-8 JET FUEL	TURBOPROP ENGINES	. FLAPS (CONTROL SURFACES)
RT AIRCRAFT FUELS ANTIMISTING FUELS	T-34 ENGINE	JET FLAPS
GASOLINE	T-38 ENGINE	CONTROL SURFACES
KEROSENE	T-53 ENGINE	FLAPS (CONTROL SURFACES)
TURBINES	T-56 ENGINE	<b>jet flaps</b> rt
	T-74 ENGINE	H-126 AIRCRAFT
JET ENGINES SN (EXCLUDES HYDROJET ENGINES)	T-78 ENGINE	SHORT TAKEOFF AIRCRAFT
SN (EXCLUDES HYDHOJET ENGINES) GS ENGINES	TURBORAMJET ENGINES	SPLIT FLAPS
. AIR BREATHING ENGINES	. TURBINE ENGINES GAS TURBINE ENGINES	TRAILING EDGE FLAPS VORTEX FLAPS
GAS TURBINE ENGINES	JET ENGINES	WING FLAPS
JET ENGINES	RAMJET ENGINES	·····
RAMJET ENGINES INTEGRAL ROCKET RAMJETS	LOW VOLUME RAMJET ENGINES	JET FLIGHT
LOW VOLUME RAMJET ENGINES	PULSEJET ENGINES SUPERSONIC COMBUSTION	USE JET AIRCRAFT
PULSEJET ENGINES	RAMJET ENGINES	
SUPERSONIC COMBUSTION	TURBORAMJET ENGINES	JET FLOW
RAMJET ENGINES TURBORAMJET ENGINES	T-63 ENGINE	UF HOT JETS
TURROUFT ENGINES	, , T-76 ENGINE	JET FLAMES
BRISTOL-SIDDELEY OLYMPUS	TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS	LAMINAR JETS REACTION JETS
593 ENGINE	593 ENGINE	GS FLUID FLOW
BAISTOL-SIDDELEY VIPER ENGINE	BRISTOL-SIDDELEY VIPER	. JET FLOW
DUCTED FAN ENGINES	ENGINE	AIR JETS PERIPHERAL JET FLOW
J-33 ENGINE	DUCTED FAN ENGINES	SUPERSONIC JET FLOW
J-34 ENGINE	J-33 ENGINE J-34 ENGINE	RT FLUID JETS
J-47 ENGINE	J-47 ENGINE	FREE BOUNDARIES
J-57 ENGINE J-57-P-20 ENGINE	J-52 ENGINE	FREE JETS
J-65 ENGINE	J-57 ENGINE	GAS STREAMS
J-89-T-25 ENGINE	J-57-P-20 ENGINE J-65 ENGINE	HYDRAULIC JETS INJECTORS
J-71 ENGINE	J-69-T-25 ENGINE	JET MEMBRANE PROCESS
J-73 ENGINE	J-71 ENGINE	∞JETS
J-75 ENGINE J-79 ENGINE	J-73 ENGINE	NOZZLE FLOW
J-85 ENGINE	J-75 ENGINE	PARTICLE LADEN JETS SPANWISE BLOWING
J-93 ENGINE	J-79 ENGINE J-85 ENGINE	TWO DIMENSIONAL JETS
RA-28 ENGINE	J-93 ENGINE	VAPOR JETS
TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53	RA-28 ENGINE	WALL JETS
ENGINE	TURBOFAN ENGINES	
CF-700 ENGINE	BRISTOL-SIDDELEY BS 53	JET FUELS
CONVERTIBLE FAN-SHAFT	ENGINE CF-700 ENGINE	USE JET ENGINE FUELS
ENGINES	CONVERTIBLE FAN-SHAFT	
J-97 ENGINE TF-41 ENGINE	ENGINES	JET IMPINGEMENT
TURBOPROP ENGINES	J-97 ENGINE	GS IMPINGEMENT
T-53 ENGINE	TF-30 ENGINE	. <b>jet impingement</b> rt ablation
T-58 ENGINE	TURBOPROP ENGINES	BASE HEATING
T-64 ENGINE	A CONTRACTOR OF	

# **JET LAG**

JET		JET PUMPS-(CONT.)	JIMSPHERE BALLOONS-(CONT.)	
GS	BIOLOGICAL EFFECTS	FUEL PUMPS	. INFLATABLE STRUCTURES	
	. JET LAG	∞JETS	BALLOONS	
	DISORIENTATION	∞ PUMPING	HIGH ALTITUDE BALLOONS	
	, <b>jet lag</b> Psychological effects	TURBINE PUMPS	JIMSPHERE BALLOONS	
	. JET LAG	VACUUM PUMPS	METEOROLOGICAL BALLOONS	
RT	DESYNCHRONIZATION (BIOLOGY)	IFT OTAB AIRABART	JIMSPHERE BALLOONS	
	DISORDERS	JET STAR AIRCRAFT	RT WIND (METEOROLOGY)	
	FLIGHT STRESS (BIOLOGY)	USE C-140 AIRCRAFT		
	RHYTHM (BIOLOGY)		JINDIVIK TARGET AIRCRAFT	
	SUPERSONIC FLIGHT	JET THRUST	GS DRONE VEHICLES	
	CON ENGOTION / CIGITY	UF REACTION JETS	. DRONE AIRCRAFT	
JET I	LIFT	GS THRUST . <b>JET THRUST</b>	TARGET DRONE AIRCRAFT	
GS	AERODYNAMIC CHARACTERISTICS	RT COLD GAS	JINDIVIK TARGET AIRCRAFT	
	. LIFT	CONVERTIBLE FAN-SHAFT ENGINES	JET AIRCRAFT	
	. JET LIFT	HIGH THRUST	. JINDIVIK TARGET AIRCRAFT MONOPLANES	
	AERODYNAMIC FORCES	LOW THRUST		
	LIFT	MICROTHRUST	. <b>Jindivik target aircraft</b> Pilotless aircraft	
	JET LIFT	ROCKET THRUST	. DRONE AIRCRAFT	
	DYNAMIC CHARACTERISTICS	STATIC THRUST	TARGET DRONE AIRCRAFT	
	. LIFT	THRUST LOADS	JINDIVIK TARGET AIRCRAFT	
	JET LIFT	VARIABLE THRUST	TARGETS	
RT	DISTRIBUTION (PROPERTY)	VARIABLE TIMOST	. JINDIVIK TARGET AIRCRAFT	
	,	JET VANES	RT   AIRCRAFT	
JET N	WIXING FLOW	GS CONTROL SURFACES	REMOTELY PILOTED VEHICLES	
GS	FLUID FLOW	. GUIDE VANES	TEMOTEET TIEGTED VEHICLES	
	JET MIXING FLOW	. JET VANES	HTTED	
RT	FLUID JETS	VANES	JITTER	
	FREE BOUNDARIES	. GUIDE VANES	USE VIBRATION	
	FUEL INJECTION	. JET VANES		
	INJECTORS	RT AIRFOILS	JOINED WINGS	
	∞ JETS	THRUST VECTOR CONTROL	GS AIRFOILS	
	MIXING	WALL JETS	. WINGS	
	MIXING LAYERS (FLUIDS)		JOINED WINGS	
	PREMIXING	JETAVATORS	RT AIRCRAFT CONFIGURATIONS	
	TWO DIMENSIONAL JETS	USE GUIDE VANES	DUAL WING CONFIGURATIONS	
		OCE GOIDE VAILED	RESEARCH AIRCRAFT	
JET N	IOISE	∞ JETS	TANDEM WING AIRCRAFT	
USE	JET AIRCRAFT NOISE	SN (USE OF A MORE SPECIFIC TERM IS	WING TIPS	
		RECOMMENDED-CONSULT THE TERMS		
JET N	IOZZLES	LISTED BELOW)	JOUKOWSKI TRANSFORMATION	
SN	(USE OF A MORE SPECIFIC TERM IS	RT AIR JETS	RT AIRFOIL PROFILES	
	RECOMMENDED-CONSULT THE TERMS	FLUID JETS	COMPLEX VARIABLES	
	LISTED BELOW)	FREE JETS	COORDINATE TRANSFORMATIONS	
BT	CARBURETORS	GAS JETS	KUTTA-JOUKOWSKI CONDITION	
	CONICAL NOZZĪES	INJECTORS	THEODORSEN TRANSFORMATION	
	EXHAUST DIFFUSERS	JET AIRCRAFT		
	EXHAUST NOZZLES	JET FLOW	JOULE HEATING	
	FUEL INJECTION	JET MIXING FLOW	USE OHMIC DISSIPATION	
	INJECTORS	JET PUMPS	RESISTANCE HEATING	
	JET AMPLIFIERS	PLASMA JETS		
	JET ENGINES	SPRAYERS	∞ JOURNALS	
	SKIATS	TURBULENT JETS	SN (USE OF A MORE SPECIFIC TERM IS	
		TWO DIMENSIONAL JETS	RECOMMENDED-CONSULT THE TERM	
JET P	HLOTS	WALL JETS	LISTED BELOW)	
USE		WILL OLIO	RT NEWS MEDIA	
		JETSTREAM AIRCRAFT	PERIODICALS	
JET P	ROPULSION		SHAFTS (MACHINE ELEMENTS)	
UF	JET DRIVE	GS COMMERCIAL AIRCRAFT . JETSTREAM AIRCRAFT		
GS	PROPULSION		JOURNALS (SHAFTS)	
	. JET PROPULSION	GRUMMAN AIRCRAFT . JETSTREAM AIRCRAFT	USE SHAFTS (MACHINE ELEMENTS)	
AT	AIRCRAFT ENGINES	JET AIRCRAFT	· · · · · · · · · · · · · · · · · · ·	
	CHEMICAL PROPULSION	. JETSTREAM AIRCRAFT	JP-4 JET FUEL	
	HELICOPTER PROPELLER DRIVE		GS FUELS	
	MARINE PROPULSION	PASSENGER AIRCRAFT . <b>JETSTREAM AIRCRAF</b> T	. CHEMICAL FUELS	
	ROCKET ENGINES	RT ∞AIRCRAFT	HYDROCARBON FUELS	
	SQUID PROJECT	The second of the last of the second of the last of the second of the last of the second of the seco	JET ENGINE FUELS	
	TURBINES	JETTISON SYSTEMS	JP-4 JET FUEL	
			LIQUID FUELS	
JET P	ROVOST AIRCRAFT	RT BAILOUT	JET ENGINE FUELS	
UF	HUNTING P-84 AIRCRAFT	EJECTION EJECTION SEATS	JP-4 JET FUEL	
	P-84 AIRCRAFT	ESCAPE (ABANDONMENT)	RT JP-8 JET FUEL	
GS	ATTACK AIRCRAFT	ESCAPE SYSTEMS	JP-8 JET FUEL	
	. FIGHTER AIRCRAFT	JETTISONING	RP-1 ROCKET PROPELLANTS	
	. JET PROVOST AIRCRAFT	∞SYSTEMS		
	BAC AIRCRAFT	WING TANKS	JP-5 JET FUEL	
	. JET PROVOST AIRCRAFT	WING TARKS	GS FUELS	
	JET AIRCRAFT		. CHEMICAL FUELS	
	. JET PROVOST AIRCRAFT	JETTISONING	HYDROCARBON FUELS	
	MONOPLANES	RT BAILOUT	JET ENGINE FUELS	
	JET PROVOST AIRCRAFT	DISPOSAL	JP-5 JET FUEL	
	SINGLE ENGINE AIRCRAFT	DUMPING	LIQUID FUELS	
	. JET PROVOST AIRCRAFT	EJECTION	JET ENGINE FUELS	
	TRAINING AIRCRAFT	EMPTYING	JP-5 JET FUEL	
	. JET PROVOST AIRCRAFT	ESCAPE (ABANDONMENT)		
RT	∞ AIRCRAFT	EXPULSION	JP-6 JET FUEL	
		JETTISON SYSTEMS	GS FUELS	
JET P	UMPS	SPILLING	. CHEMICAL FUELS	
SN	(EXCLUDES DEVICES USING A LIQUID		HYDROCARBON FUELS	
	OR GAS TO INDUCE MOVEMENT OF A	JF 101 AIRCRAFT	JET ENGINE FUELS	
	GAS SUCH AS AIR EJECTORS)	USE F-101 AIRCRAFT	JP-6 JET FUEL	
GS	PUMPS		LIQUID FUELS	
	JET PUMPS	JIMSPHERE BALLOONS	JET ENGINE FUELS	
AT	EJECTORS	GS EXPANDABLE STRUCTURES	JP-6 JET FUEL	

			WATER A PROPER MENIOLE (CONT.)
JP-6 JET	FUEL-(CONT.)	JUPITER MISSILE-(CONT.)	KAPPA 8 ROCKET VEHICLE-(CONT.)KAPPA ROCKET VEHICLES
RT .	JP-4 JET FUEL	. BALLISTIC MISSILES	
	JP-8 JET FUEL	INTERMEDIATE RANGE BALLIST	SOUNDING ROCKETS
		MISSILES	. KAPPA ROCKET VEHICLES
JP-8 JET	FUEL	<b>JUPITER MISSILE</b> . SURFACE TO SURFACE MISSILES	
	FUELS	. INTERMEDIATE RANGE BALLIST	THE PROPERTY OF THE PROPERTY O
	. CHEMICAL FUELS	MISSILES	10 111 000.0 1110.000.0
	HYDROCARBON FUELS	JUPITER MISSILE	KAPPA 9 ROCKET VEHICLE
	JET ENGINE FUELS	RT JUNO 2 LAUNCH VEHICLE	GS ROCKET VEHICLES
	JP-8 JET FUEL	JUPITER C ROCKET VEHICLE	MULTISTAGE ROCKET VEHICLES
	LIQUID FUELS	LIQUID PROPELLANT ROCKET ENG	
	JET ENGINE FUELS	Eldolo I i i o i cele i i i i i o i i e i e i e i e i e i e	KAPPA 9 ROCKET VEHICLE
	JP-8 JET FUEL	JUPITER PROJECT	. SOUNDING ROCKETS
	JP-4 JET FUEL	GS PROGRAMS	KAPPA ROCKET VEHICLES
	JP-6 JET FUEL KEROSENE	. NASA PROGRAMS	KAPPA 9 ROCKET VEHICLE
	KEHOSENE	. NASA SPACE PROGRAMS	RT SOLID PROPELLANT ROCKET ENGINES
******	40	JUPITER PROJECT	
∞ JUNCTIO	(USE OF A MORE SPECIFIC TERM IS	PROJECTS	KAPPA-EPSILON TURBULENCE MODEL
314	RECOMMENDED-CONSULT THE TERMS	JUPITER PROJECT	USE K-EPSILON TURBULENCE MODEL
	LISTED BELOW)	. SPACE PROGRAMS	
	CONNECTORS	NASA SPACE PROGRAMS	KARMAN VORTEX STREET
	INTERSECTIONS	JUPITER PROJECT	GS VORTEX STREETS
	JFET	RT LAUNCH VEHICLES	. KARMAN VORTEX STREET
	JOINTS (JUNCTIONS)		RT AEOLIAN TONES
	JUNCTION TRANSISTORS	J93-MJ252H ENGINE	SUBSONIC FLOW
	P-I-N JUNCTIONS	USE J-93 ENGINE	VON KARMAN EQUATION
	P-N JUNCTIONS		VORTICITY EQUATIONS
	P-N-P JUNCTIONS	J93-MJ280G ENGINE	
	P-N-P-N JUNCTIONS	USE J-93 ENGINE	KARMAN-BODEWADT FLOW
	SEMICONDUCTOR DEVICES	002 000 2.10.112	GS FLUID FLOW
	SEMICONDUCTOR JUNCTIONS		. AXISYMMETRIC FLOW
			KARMAN-BODEWADT FLOW
	LUNCH VEHICLES	V	. VISCOUS FLOW
	LAUNCH VEHICLES	K	. KARMAN-BODEWADT FLOW
	. JUNO LAUNCH VEHICLES		TRANSLATIONAL MOTION , THREE DIMENSIONAL MOTION
	JUNO 1 LAUNCH VEHICLE	K-EPSILON TURBULENCE MODEL	. THREE DIMENSIONAL MOTION
	JUNO 2 LAUNCH VEHICLE	UF KAPPA-EPSILON TURBULENCE MO	
	ROCKET VEHICLES	GS MODELS	RT ROTATING DISKS
	. MULTISTAGE ROCKET VEHICLES	. MATHEMATICAL MODELS	ROTATING FLUIDS
	JUNO LAUNCH VEHICLES	. TURBULENCE MODELS	11017111110 1 20120
	JUNO 1 LAUNCH VEHICLE JUNO 2 LAUNCH VEHICLE	K-EPSILON TURBULENCE MO	DEL KAWASAKI AIRCRAFT
	LIQUID PROPELLANT ROCKET ENGINES	RT CLOSURE LAW	RT ∞AIRCRAFT
	SOLID PROPELLANT ROCKET ENGINES	COMPUTATIONAL FLUID DYNAMICS	S (11 WANTON )
	VEHICLES	FLOW EQUATIONS	KC-130 AIRCRAFT
•	, , , , , , , , , , , , , , , , , , , ,	TURBULENT BOUNDARY LAYER	USE C-130 AIRCRAFT
JUNO 1	LAUNCH VEHICLE	TURBULENT FLOW	03E 0-100 / ((1) 0 (U) (1)
	LAUNCH VEHICLES		NO 405 AIDODACT
	. JUNO LAUNCH VEHICLES	KA-8 SAILPLANES	KC-135 AIRCRAFT USE C-135 AIRCRAFT
	JUNO 1 LAUNCH VEHICLE	UF SCHLEICHER KA-8 SAILPLANE	USE C-135 AINCHAFT
	ROCKET VEHICLES	GS GLIDERS	AND AND AND AND THE INICIA ON ITS
	. MULTISTAGE ROCKET VEHICLES	. KA-6 SAILPLANES	KELVIN-HELMHOLTZ INSTABILITY
	JUNO LAUNCH VEHICLES	RT ∞AIRCRAFT GLIDING	RT COLLISIONLESS PLASMAS FLOW STABILITY
	JUNO 1 LAUNCH VEHICLE	SAILWINGS	∞HELMHOLTZ EQUATIONS
RT	EXPLORER SATELLITES	∞ WINGED VEHICLES	MAGNETOHYDRODYNAMIC FLOW
	JUPITER C ROCKET VEHICLE	& WINGED VEHICLES	MAGNETOHYDRODYNAMIC STABILITY
	LIQUID PROPELLANT ROCKET ENGINES	KALMAN-SCHMIDT FILTERING	MASS FLOW
	SERGEANT MISSILES	RT & APPLICATIONS OF MATHEMATICS	NONUNIFORM PLASMAS
	SOLID PROPELLANT ROCKET ENGINES	FEEDBACK CONTROL	PLASMAS (PHYSICS)
	LAUMON VEHICLE	INERTIAL PLATFORMS	SUPERFLUIDITY
	LAUNCH VEHICLES	NAVIGATION INSTRUMENTS	
GS	. JUNO LAUNCH VEHICLES	OPTIMAL CONTROL	KEROGEN
	. JUNO 2 LAUNCH VEHICLE	OPTIMIZATION	GS ORGANIC COMPOUNDS
	ROCKET VEHICLES	REMOTE CONTROL	. KEROGEN
	. MULTISTAGE ROCKET VEHICLES	STOCHASTIC PROCESSES	RESOURCES
	JUNO LAUNCH VEHICLES	TIME SERIES ANALYSIS	. EARTH RESOURCES
	JUNO 2 LAUNCH VEHICLE		KEROGEN
RT	EXPLORER 11 SATELLITE	KAMAN AIRCRAFT	RT FUEL OILS
	JUPITER MISSILE	GS KAMAN AIRCRAFT	FUELS GASOLINE
	LIQUID PROPELLANT ROCKET ENGINES	H-43 HELICOPTER	GASOLINE GREASES
	PIONEER SPACE PROBES	. HH-43 HELICOPTER	HYDROCARBON FUELS
	PIONEER 3 SPACE PROBE	. UH-2 HELICOPTER RT ∞AIRCRAFT	KEROSENE
	PIONEER 4 SPACE PROBE	RI WAIRCHAIT	LUBRICANTS
	PIONEER 6 SPACE PROBE PIONEER 7 SPACE PROBE	KAMAN UH-2A HELICOPTER	OILS
	PIONEER 8 SPACE PROBE	USE UH-2 HELICOPTER	SHALE OIL
	SERGEANT MISSILES	OGE CITETION IN	
	SOLID PROPELLANT ROCKET ENGINES	KAPPA ROCKET VEHICLES	KEROSENE
		GS ROCKET VEHICLES	GS FUELS
JUPITER	C ROCKET VEHICLE	. MULTISTAGE ROCKET VEHICLES	. CHEMICAL FUELS
GS	ROCKET VEHICLES	KAPPA ROCKET VEHICLES	LIQUID FUELS
	. MULTISTAGE ROCKET VEHICLES	KAPPA 8 ROCKET VEHICLE	KEROSENE
	JUPITER C ROCKET VEHICLE	KAPPA 9 ROCKET VEHICLE	RT ANTIMISTING FUELS
AT	EXPLORER SATELLITES	SOUNDING ROCKETS	DIESEL FUELS
	JUNO 1 LAUNCH VEHICLE	KAPPA ROCKET VEHICLES	FUEL OILS
	JUPITER MISSILE	KAPPA 8 ROCKET VEHICLE	GASOLINE
	LAUNCH VEHICLES	KAPPA 9 ROCKET VEHICLE	HYDROCARBON FUELS
	LIQUID PROPELLANT ROCKET ENGINES	RT SOLID PROPELLANT ROCKET ENG	
	SERGEANT MISSILES	∞ VEHICLES	JP-8 JET FUEL KEROGEN
	SOLID PROPELLANT ROCKET ENGINES	MADOA A DOOUGE USUUM	PARAFFINS
		KAPPA 8 ROCKET VEHICLE	RP-1 ROCKET PROPELLANTS
	MISSILE	GS ROCKET VEHICLES  MULTISTAGE ROCKET VEHICLES	
GS	MISSILES	, MULIIGIAGE NUCKEI VERICLES	

### KESTREL AIRCRAFT

LAGRANGE COORDINATES
GS COORDINATES KESTREL AIRCRAFT KOLMOGOROFF THEORY ISOTROPIC TURBULENCE LAGRANGE SIMILARITY HYPOTHESIS P-1127 AIRCRAFT LAGRANGE COORDINATES SHEAR FLOW RT CLASSICAL MECHANICS HYDRODYNAMICS KINEMATIC EQUATIONS

GS EQUATIONS OF MOTION
. KINETIC EQUATIONS THEORIES TURBULENT FLOW LIBRATIONAL MOTION VORTICES KINEMATIC EQUATIONS LAGRANGE EQUATIONS OF MOTION RT *MEQUATIONS* **EULER-LAGRANGE EQUATION** KOLMOGOROFF-SMIRNOFF TEST STATISTICAL ANALYSIS
STATISTICAL TESTS KINEMATICS LAGRANGE SIMILARITY HYPOTHESIS KINEMATICS GS .. KOLMOGOROFF-SMIRNOFF TEST HYPOTHESES . BODY KINEMATICS ACCELERATION (PHYSICS) LAGRANGE SIMILARITY HYPOTHESIS RT THEOREMS **∞DYNAMICS** KUTTA-JOUKOWSKI CONDITION . SIMILARITY THEOREM EQUATIONS OF MOTION HODOGRAPHS CONDITIONS GS LAGRANGE SIMILARITY HYPOTHESIS ENERGY DISSIPATION ENERGY TRANSFER KUTTA-JOUKOWSKI CONDITION RT AIRFOIL PROFILES RT MECHANICS (PHYSICS)
 MICROWAVE REFLECTOMETERS BOUNDARY LAYER SEPARATION
JOUKOWSKI TRANSFORMATION KINETIC ENERGY KOLMOGOROFF THEORY TURBULENT FLOW NUTATION VELOCITY LAGRANGIAN EQUILIBRIUM POINTS L GRAVITATIONAL EFFECTS
LAGRANGIAN EQUILIBRIUM POINTS KINETIC EQUATIONS **EQUATIONS OF MOTION** CELESTIAL MECHANICS
GRAVITATIONAL FIELDS KINETIC EQUATIONS HYDRODYNAMIC EQUATIONS L-28 AIRCRAFT ORBITAL MECHANICS HELMHOLTZ VORTICITY EQUATION U-10 AIRCRAFT KINEMATIC EQUATIONS BBGKY HIERARCHY RT LAMBDA ROCKET VEHICLES L-29 AIRCRAFT BETHE-SALPETER EQUATION EINSTEIN EQUATIONS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES L-29 JET TRAINER ©EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
VIRIAL THEOREM LAMBDA ROCKET VEHICLES L-29 JET TRAINER SOUNDING ROCKETS
LAMBDA ROCKET VEHICLES DELFIN AIRCRAFT SOLID PROPELLANT ROCKET ENGINES 1-29 AIRCRAFT OMNIPOL L-29 AIRCRAFT ∞ VEHICLES KINETICS GS JET AIRCRAFT L-29 JET TRAINER KINETICS . ELECTROKINETICS LAME WAVE EQUATIONS
GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. DIFFERENTIAL EQUATIONS
. LAME WAVE EQUATIONS MONOPLANES KINETIC ENERGY . L-29 JET TRAINER SINGLE ENGINE AIRCRAFT NEWTON SECOND LAW NEWTON THEORY . L-29 JET TRAINER TILT WING AIRCRAFT . L-29 JET TRAINER REACTION KINETICS . VARIABLE MASS SYSTEMS ACCELERATION (PHYSICS) WAVE EQUATIONS . LAME WAVE EQUATIONS RT TRAINING AIRCRAFT
. L-29 JET TRAINER ANGULAR MOMENTUM BODY KINEMATICS **ACOUSTICS** ELASTIC WAVES 
∞ EQUATIONS V/STOL AIRCRAFT ∞ DYNAMICS
FLUID DYNAMICS
FLUID MECHANICS L-29 JET TRAINER STURM-LIOUVILLE THEORY WAVE PROPAGATION ∞ FORCE LABORATORIES GAS DYNAMICS HYDROMECHANICS LABORATORIES
. ENGINE TESTING LABORATORIES LAMINA USE LAYERS IDEAL GAS ENVIRONMENTAL LABORATORIES HUMAN FACTORS LABORATORIES LAMINAR BOUNDARY LAYER MECHANICS (PHYSICS)

MOMENTUM TRANSFER

MOTION AFTEREFFECTS LUNAR MOBILE LABORATORIES LAMINAR BOUNDARY LAYER LUNAR RECEIVING LABORATORY SPACE LABORATORIES SEPARATION LAMINAR FLOW CONTROL NEWTON . ADVANCED TECHNOLOGY **BOUNDARY LAYERS** GS LABORATORY ATMOSPHERIC CLOUD PHYSICS LAB PARTICLE COLLISIONS LAMINAR BOUNDARY LAYER BOUNDARY LAYER COMBUSTION BOUNDARY LAYER TRANSITION ∞ PHYSICS RT VELOCITY (SPACELAB) EARTH VIEWING APPLICATIONS LABORATORY COMPRESSIBLE BOUNDARY LAYER GOERTLER INSTABILITY KIRCHHOFF-HELMHOLTZ FLOW GOERTLER INSTABILITY
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
INTERACTIONAL AERODYNAMICS
ISOTHERMAL LAYERS
POHLHAUSEN METHOD
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THEED DIMENSIONAL BOUNDARY LAYER
THEBELL BUT BOY INDABY LAYER LONG DURATION EXPOSURE PIPE FLOW FACILITY MANNED ORBITAL LABORATORIES KITE BALLOONS
USE TETHERED BALLOONS SKYLAB 1 SKYLAB 2 SKYLAB 3 KITS SKYLAB 4 SPACELAB FIRST AID SURVIVAL UNDERWATER RESEARCH TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER TOOLS LABORATORIES EXPERIMENT DESIGN BT X-21 AIRCRAFT KNUDSEN FLOW EXPERIMENTATION KNUDSEN NUMBER NUCLEAR RESEARCH RESEARCH FACILITIES UF LAMINAR BOUNDARY LAYER SEPARATION ĞS FLUID FLOW . DUCTED FLOW . . KNUDSEN FLOW BOUNDARY LAYER SEPARATION LAMINAR BOUNDARY LAYER SAIL PROJECT TEST FACILITIES GAS FLOW LAMINAR FLAMES
USE FLAMES BOUNDARY LAYER TRANSITION FREE MOLECULAR FLOW KINETIC THEORY RT LABORATORY EQUIPMENT
GS LABORATORY EQUIPMENT
. IMAGE FURNACES
. SYRINGES LAMINAR FLOW MEAN FREE PATH MOLECULAR FLOW LAMINAR FLOW LAMINAR FLAMES ŔŦ **AMPOULES** PRESSURE GRADIENTS LAMINAR JETS ∞ EQUIPMENT RAREFIED GAS DYNAMICS TRANSITION POINTS POISEUILLE FLOW GLASSWARE STREAMLINE FLOW MEASURING INSTRUMENTS FLUID FLOW VACUUM

PIPETTES

LIQUID AIR CYCLE ENGINES

LACE (ENGINE)

LAMINAR FLOW **BLASIUS FLOW** HARTMANN FLOW

STRATIFIED FLOW

USE

VISCOUS FLOW

KNUDSEN FLOW

KNUDSEN NUMBER

LANDING-(CONT.) LANDING GEAR-(CONT.) LAMINAR FLOW-(CONT.) SKIDDING DITCHING (LANDING) AERODYNAMICS ATMOSPHERIC TURBULENCE SKID LANDINGS SKIS BLIND LANDING SPRAY INGESTION BOUNDARY LAYER TRANSITION CAPILLARY FLOW GLIDE LANDINGS
. HORIZONTAL SPACECRAFT LANDING TIRES UNDERCARRIAGES CRITICAL FLOW FALKNER-SKAN EQUATION FLOW CHARACTERISTICS VEHICLE WHEELS WHEEL BRAKES HARD LANDING SOFT LANDING
SPACECRAFT LANDING
. HORIZONTAL SPACECRAFT LANDING FLOW GEOMETRY FLOW STABILITY FORCED CONVECTION LANDING INSTRUMENTS
GS LANDING AIDS
LANDING INSTRUMENTS
APPROACH INDICATORS
RT AIR TRAFFIC CONTROL LUNAR LANDING MARS LANDING FREE CONVECTION GAS FLOW PLANETARY LANDING TOUCHDOWN VERTICAL LANDING WATER LANDING GAS STREAMS INVISCID FLOW AIRCRAFT EQUIPMENT AIRCRAFT INSTRUMENTS ALTIMETERS LIQUID FLOW .. DITCHING (LANDING) AIR TRAFFIC CONTROL LOW REYNOLDS NUMBER MASS FLOW MULTIPHASE FLOW RT APPROACH APPROACH AND LANDING TESTS (STS) AUTOMATIC CONTROL NEWTON PRESSURE LAW OPEN CHANNEL FLOW ORIFICE FLOW BLIND LANDING FLIGHT INSTRUMENTS ARRIVALS GUIDANCE (MOTION)
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS INSTRUMENT LANDING SYSTEMS MANUAL CONTROL PARALLEL FLOW MEASURING INSTRUMENTS PIPE FLOW PRANDTL-MEYER EXPANSION MANEUVERS RADAR APPROACH CONTROL SPEED INDICATORS RAYLEIGH-BENARD CONVECTION REYNOLDS NUMBER RUNWAYS TAKEOFF ROSHKO PREDICTION VISUAL FLIGHT LANDING LOADS SINGLE-PHASE FLOW STEADY FLOW GS LOADS (FORCES)
. DYNAMIC LOADS LANDING AIDS
UF LANDING SYSTEMS STEAM FLOW . . TRANSIENT LOADS TOLLMIEN-SCHLICHTING WAVES TRANSITION LAYERS LANDING LOADS
DECELERATION LANDING AIDS . AIRPORT BEACONS ĞS TURBULENT FLOW IMPACT LOADS DISCRETE ADDRESS BEACON TWO PHASE FLOW SHOCK LOADS SYSTEM UNIFORM FLOW STRUCTURAL DESIGN CRITERIA AIRPORT LIGHTS UNSTEADY FLOW AIH-OH LIGHTS
RUNWAY LIGHTS
ARRESTING GEAR
INSTRUMENT LANDING SYSTEMS
ALL-WEATHER LANDING SYSTEMS
AUTOMATIC LANDING CONTROL
LANDING INSTRUMENTS
ARREAGEL HINGESTORE VISCOUS DRAG LANDING MATS VISCOUS FLOW AIRCRAFT LANDING WEDGE FLOW X-21A AIRCRAFT AIRPORTS MILITARY AIR FACILITIES RUNWAYS LANDING INSTRUMENTS
APPROACH INDICATIORS
LANDING RADAR
MICROVISION LANDING AID
MICROWAYE LANDING SYSTEMS
MICROWAYE SCANNING BEAM LAMINAR FLOW AIRFOILS AIRFOILS
LAMINAR FLOW AIRFOILS LANDING RADAR LANDING AIDS LAMINAR FLOW CONTROL RADAR BOUNDARY LAYER CONTROL LAMINAR BOUNDARY LAYER LANDING SYSTEM . LANDING RADAR AIR TRAFFIC CONTROL ∞ AIDS
AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROLLERS RT RT AIRCRAFT LANDING
AIRCRAFT SAFETY
APPROACH CONTROL LAMINAR HEAT TRANSFER
GS TRANSMISSION
. HEAT TRANSMISSION (PERSONNEL) AIRBORNE RADAR APPROACH INSTRUMENT APPROACH RADAR APPROACH CONTROL .. HEAT TRANSFER ... LAMINAR HEAT TRANSFER AIRCRAFT EQUIPMENT AIRCRAFT INSTRUMENTS AIRCRAFT LANDING AIRCRAFT SAFETY AIRPORT TOWERS CONDUCTIVE HEAT TRANSFER CONVECTIVE HEAT TRANSFER THERMOHYDRAULICS LANDING SIMULATION SIMULATION . LANDING SIMULATION ALTITUDE SIMULATION TURBULENT HEAT TRANSFER AIRPORTS ATMOSPHERIC ENTRY SIMULATION COMPUTERIZED SIMULATION ANTISKID DEVICES APPROACH CONTROL LAMINAR JETS FLIGHT SIMULATION
SPACECRAFT LANDING
TRAINING SIMULATORS USE JET FLOW LAMINAR FLOW AUTOMATIC PILOTS
DELAYED FLAP APPROACH
GROUND BASED CONTROL
GROUND SUPPORT EQUIPMENT LAMINAR MIXING LANDING SPEED
GS RATES (PER TIME)
LANDING SPEED HEAD-UP DISPLAYS LAMINAR MIXING HELIPORTS INSTRUMENT APPROACH FLUID INJECTION VELOCITY GAS MIXTURES
MIXING LAYERS (FLUIDS)
TURBULENT MIXING MILITARY AIR FACILITIES
NATIONAL AVIATION SYSTEM
NAVIGATION AIDS LANDING SPEED HIGH SPEED RT LOW SPEED PLAT SYSTEM LAMINAR WAKES RADAR APPROACH CONTROL LANDING SYSTEMS WAKES RADIO BEACONS LANDING AIDS USE LAMINAR WAKES AIRCRAFT WAKES
TURBULENT WAKES SAFETY DEVICES LANES SOLAR COMPASSES PATHS USE LAMPS PROGRAM
USE LIGHT AIRBORNE MULTIPURPOSE LANDING GEAR RETRACTABLE LANDING GEAR AIRCRAFT PARTS AIRCRAFT TIRES AIRFRAMES LAPLACE EQUATION ∞ EQUATIONS SYSTEM HARMONIC FUNCTIONS
PARTIAL DIFFERENTIAL EQUATIONS RT LANCE MISSILE
GS MISSILES POISSON EQUATION ∞ BICYCLE STOKES-BELTRAMI EQUATION SURFACE TO SURFACE MISSILES BRAKES (FOR ARRESTING MOTION)
CARRIAGES .. LANCE MISSILE LIQUID PROPELLANT ROCKET ENGINES LARA AIRCRAFT RT FAIRINGS COIN AIRCRAFT TRAILBLAZER 1 REENTRY VEHICLE USE **FLOATS** TX-77 ENGINE ∞ GEAR **HYDROFOILS** LASER ALTIMETERS MEASURING INSTRUMENTS NOSE WHEELS RETRACTABLE EQUIPMENT LANDING . DISTANCE MEASURING EQUIPMENT LANDING GS . . ALTIMETERS . AIRCRAFT LANDING SELF ALIGNMENT

SHOCK ABSORBERS

. CRASH LANDING

LASER ALTIMETERS

### LASER GYROSCOPES

LASER ALTIMETERS-(CONT.) LATERAL STABILITY-(CONT.) LAUNCH VEHICLES-(CONT.) AIRCRAFT INSTRUMENTS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY .. HOTOL LAUNCH VEHICLE SATURN LAUNCH VEHICLES INSTRUMENTS SATURN D LAUNCH VEHICLE SATURN D LAUNCH VEHICLE
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-4 LAUNCH VEHICLE
SATURN 1 SA-5 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE
SATURN 1 SA-6 LAUNCH VEHICLE LASERS ATTITUDE STABILITY
LATERAL STABILITY OPTICAL RADAR STABILITY SATELLITE INSTRUMENTS
SPACECRAFT INSTRUMENTS DYNAMIC STABILITY
. MOTION STABILITY . ATTITUDE STABILITY LASER GYROSCOPES .... LATERAL STABILITY AERODYNAMIC STABILITY **GYROSCOPES** RT LASER GYROSCOPES
LARGE SPACE STRUCTURES SATURN 1 SA-7 LAUNCH VEHICLE AIRCRAFT STABILITY SATURN 1 SA-8 LAUNCH VEHICLE SATURN 1 SA-9 LAUNCH VEHICLE DIHEDRAL ANGLE OPTICAL GYROSCOPES SAGNAC EFFECT DIRECTIONAL STABILITY . SATURN 1 SA-9 LAUNCH VEHICLE . SATURN 1B LAUNCH VEHICLES . SATURN 2 LAUNCH VEHICLES . SATURN 5 LAUNCH VEHICLES . SCOUT LAUNCH VEHICLE FLOW STABILITY ∞ SENSORS SPACECRAFT GUIDANCE HOVERING STABILITY STABILIZATION LONGITUDINAL STABILITY ROLL STANDARD LAUNCH VEHICLES
. ATLAS SLV-3 LAUNCH VEHICLE
. STANDARD LAUNCH VEHICLE 5 LASER INTERFEROMETRY
GS INTERFEROMETRY ROLLING MOMENTS ROTARY STABILITY
SPACECRAFT STABILITY LASER INTERFEROMETRY STANDARD LAUNCH VEHICLE 5
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN CENTAUR LAUNCH VEHICLE
TITAN LAUNCH VEHICLE
TITAN LAUNCH VEHICLE RT SAGNAC EFFECT TURNING FLIGHT VERTICAL ORIENTATION LASER RANGE FINDERS MEASURING INSTRUMENTS LATERALITY DISTANCE MEASURING EQUIPMENT LATERAL STABILITY RANGE FINDERS . . OPTICAL RANGE FINDERS LATERALIZATION
USE LATERAL CONTROL ....LASER RANGE FINDERS
OPTICAL MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS TITAN CENTAUN LAUNCH VEHICLES
TITAN 1 LAUNCH VEHICLE
TITAN 2 LAUNCH VEHICLE
VANGUARD 2 LAUNCH VEHICLE
VEGA LAUNCH VEHICLE
ADVANCED LAUNCH SYSTEM (STS) LATITUDE ... LASER RANGE FINDERS OPTICAL EQUIPMENT LATITUDE GS GEOMAGNETIC LATITUDE OPTICAL MEASURING INSTRUMENTS COORDINATES
GEODETIC COORDINATES RT OPTICAL RANGE FINDERS
LASER RANGE FINDERS AEROSPACE PLANES BOOSTER ROCKET ENGINES LONGITUDE LAGEOS (SATELLITE) LUNAR RANGEFINDING RT **∞ BOOSTER ROCKETS** POSITION (LOCATION) mBOOSTERS LUNAR RETROREFLECTORS CENTAUR PROJECT NAVIGATION AIDS NAVIGATION INSTRUMENTS LATITUDE MEASUREMENT CENTAUM PHOJECT
EXHAUST CLOUDS
FLIGHT TEST VEHICLES
JUPITER C ROCKET VEHICLE
JUPITER PROJECT
LANDING MODULES LONGITUDE MEASUREMENT ∞ MEASUREMENT NAVIGATION LASER SPECTROMETERS POSITIONING MEASURING INSTRUMENTS SPECTROMETERS LAUNCHERS LAUNCH TIME LASER SPECTROMETERS LAUNCHING LAUNCH WINDOWS ABSORPTION SPECTRA INFRARED SPECTROSCOPY AT MISSILE LAUNCHERS MISSILES LAUNCH VEHICLE CONFIGURATIONS
RT ADVANCED LAUNCH SYSTEM (STS) LASER SPECTROSCOPY MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES AERODYNAMIC CONFIGURATIONS MULTISTAGE HOCKET VEHICLES
MATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET LAUNCHERS
ROCKET LAUNCHING CONFIGURATIONS HOTOL LAUNCH VEHICLE MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RECOVERABLE LAUNCH VEHICLES
SPACECRAFT CONFIGURATIONS SATELLITE TRACKING TARGET RECOGNITION **ROCKET VEHICLES TARGETS** ROCKETS SATURN PROJECT LASV SCOUT PROJECT SPACE PROCESSING APPLICATIONS LAUNCH VEHICLES
UF CARRIER ROCKETS F-111 AIRCRAFT GS LAUNCH VEHICLES ROCKET AUNCH VEHICLES
ABLESTAR LAUNCH VEHICLE
ARIANE LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
ATLAS ABLE 5 LAUNCH VEHICLE
ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
ATLAS CENTAUR LAUNCH VEHICLES LATERAL CONTROL SPACECRAFT LATERALIZATION SPACECRAFT LAUNCHING ROLL CONTROL ATTITUDE CONTROL SUSTAINER ROCKET ENGINES GS TEST VEHICLES LATERAL CONTROL TITAN PROJECT AILERONS
AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL RT ∞ VEHICLES VERNIER ENGINES ATLAS SLV-3 LAUNCH VEHICLE BLUE SCOUT ROCKET VEHICLE BLUE STREAK LAUNCH VEHICLE ∞WINGED VEHICLES ∞ CONTROL LAUNCH WINDOWS DIRECTIONAL CONTROL CENTAUR LAUNCH VEHICLE FLEVONS UF LAUNCH TIME . ATLAS CENTAUR LAUNCH VEHICLE DELTA LAUNCH VEHICLE HELICOPTER CONTROL WINDOWS (INTERVALS) GS LONGITUDINAL CONTROL
MANUAL CONTROL LAUNCH WINDOWS DIAMANT LAUNCH VEHICLE ELDO LAUNCH VEHICLE EUROPA LAUNCH VEHICLES AT LAUNCHING MISSILE CONTROL ROCKET LAUNCHING ROLL
SATELLITE ATTITUDE CONTROL SPACECRAFT LAUNCHING EUROPA 1 LAUNCH VEHICLE EUROPA 1 LAUNCH VEHICLE
EUROPA 2 LAUNCH VEHICLE
EUROPA 3 LAUNCH VEHICLE
EUROPA 4 LAUNCH VEHICLE
HEAVY LIFT LAUNCH VEHICLE
HYLA-STAR ROCKET VEHICLE
HIMO 1 AUNCH VEHICLE
HIMO 1 AUNCH VEHICLE SATELLITE CONTROL **LAUNCHERS** LAUNCHING DEVICES LATERAL OSCILLATION UF SNAKING LAUNCHERS
. AIRCRAFT LAUNCHING DEVICES GS DIRECTIONAL STABILITY JUNO 1 LAUNCH VEHICLE
JUNO 1 LAUNCH VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
NOMAD LAUNCH VEHICLE JATO ENGINES ROLL CATAPULTS STABILITY AUGMENTATION ROCKET CATAPULTS TRANSVERSE OSCILLATION GUN LAUNCHERS TURNING FLIGHT HYPERVELOCITY LAUNCHERS
MISSILE LAUNCHERS
. MOBILE MISSILE LAUNCHERS NOVA LAUNCH VEHICLES
PEGASUS AIR-LAUNCHED BOOSTER
RAM B LAUNCH VEHICLE YAW YAWING MOMENTS ROCKET LAUNCHERS . ROCKET CATAPULTS RECOVERABLE LAUNCH VEHICLES
REUSABLE LAUNCH VEHICLES
SINGLE STAGE TO ORBIT VEHICLES LATERAL STABILITY

LAUNCH VEHICLES

LAUNCHING

DIHEDRAL EFFECT

LATERALITY

	(OOMT)	LEADING	EDGE FLAPS-(CONT.)	LEIDEN	FROST PHENOMENON-(CONT.)
LAUNCH	ERS-(CONT.) LAUNCHING PADS	LEADING	LEADING EDGE FLAPS		, VAPORIZING
	LAUNCHING SITES	RT	AIRCRAFT STRUCTURES		BOILING NUCLEATE BOILING
	MASS DRIVERS		VORTEX FLAPS WINGED VEHICLES		LEIDENFROST PHENOMENON
	NATIONAL LAUNCH VEHICLE PROGRAM ROCKET LAUNCHING	a	WINGS	RT	FILM BOILING
	TITAN PROJECT				HEAT TRANSFER
			EDGE SLATS	I ENNAB	ID-JONES GAS
LAUNCH		UF GS	WING SLATS AIRFOILS	RT	BINARY FLUIDS
GS	LAUNCHING . AIR LAUNCHING	us	FLAPS (CONTROL SURFACES)		GAS VISCOSITY
	ROCKET LAUNCHING		, WING FLAPS		LENNARD-JONES POTENTIAL
	. LIFTOFF (LAUNCHING)		BRAKES (FOR ARRESTING MOTION)	I ENMAR	RD-JONES POTENTIAL
	LUNAR LAUNCH ORBITAL LAUNCHING		. AERODYNAMIC BRAKES	RT	COMPUTERIZED SIMULATION
	. SEA LAUNCHING		WING FLAPS		INTERMOLECULAR FORCES
	. SPACECRAFT LAUNCHING		LEADING EDGE SLATS . AIRCRAFT BRAKES		LENNARD-JONES GAS MOLECULAR INTERACTIONS
RT	. LIFTOFF (LAUNCHING) COUNTDOWN		. WING FLAPS		POTENTIAL THEORY
r.i	EXHAUST CLOUDS		LEADING EDGE SLATS		
	LAUNCH DATES		CONTROL SURFACES . FLAPS (CONTROL SURFACES)	LENTICI GS	ULAR BOOIES SYMMETRICAL BODIES
	LAUNCH VEHICLES LAUNCH WINDOWS		WING FLAPS	G-5	LENTICULAR BODIES
	LAUNCHERS		LEADING EDGE SLATS	RT	AXISYMMETRIC BODIES
	MISSILE LAUNCHERS		DRAG DEVICES . AERODYNAMIC BRAKES		∞ BODIES CONVEXITY
	NATIONAL LAUNCH VEHICLE PROGRAM PRELAUNCH TESTS		WING FLAPS		CONVEXITY
	ROCKET LAUNCHERS		LEADING EDGE SLATS	∞ LEVEL	
	»SHOT	RT	BOUNDARY LAYER CONTROL	SN	(USE OF A MORE SPECIFIC TERM IS
	STARTING TITAN PROJECT		SPLIT FLAPS SPOILERS		RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
	IIIAN PROJECT		TRAILING EDGE FLAPS	AT	CHEMICAL ENERGY
LAUNCH	ING DEVICES		WING SLOTS		FREE ENERGY
USE	LAUNCHERS	LEADIN	3 EDGE SWEEP		HEIGHT INTERNAL ENERGY
		GS	GEOMETRY		LEVEL (HORIZONTAL)
GS LAVAL	NUMBER RATIOS		EUCLIDEAN GEOMETRY		LEVEL (QUANTITY)
40	. DIMENSIONLESS NUMBERS		ANGLES (GEOMETRY) SWEEP ANGLE		
	LAVAL NUMBER		SWEEPBACK	LEVITA' GS	I IOR LEVITATION
			LEADING EDGE SWEEP	•	. ACOUSTIC LEVITATION
∞ LAYERS SN	(USE OF A MORE SPECIFIC TERM IS	. FARMY	2 EDGE THRUST	RT	BUOYANCY ELECTROSTATIC GYROSCOPES
•	RECOMMENDED-CONSULT THE TERMS	GS	THRUST		FLOTATION
	LISTED BELOW)		. LEADING EDGE THRUST		FRICTIONLESS ENVIRONMENTS
UF	LAMINA PLIES	RT	AERODYNAMIC FORCES		LEVITATION MELTING
AT	ANTICLINES		AIRFOILS LEADING EDGES		MAGNETIC BEARINGS MAGNETIC LEVITATION VEHICLES
	ATMOSPHERIC BOUNDARY LAYER		LIFT		SUSPENSION SYSTEMS (VEHICLES)
	BARRIER LAYERS BOUNDARY LAYERS		WING LOADING		VACUUM MELTING
	COATINGS	LEADIM	g EDGES	I EWIR	NUMBERS
	DEEP SCATTERING LAYERS	GS	EDGES	GS	RATIOS
	EARTH IONOSPHERE EKMAN LAYER		LEADING EDGES		. DIMENSIONLESS NUMBERS
	FLAT LAYERS		BLUNT LEADING EDGES SHARP LEADING EDGES	RT	Lewis Numbers Density (Mass/Volume)
	FOLDS (GEOLOGY)	RT	AIRFOILS	nı .	DIFFUSION COEFFICIENT
	FORMATIONS GEOSYNCLINES		FOREBOOIES		FLUID FLOW
	INTERCALATION		LEADING EDGE THRUST THRUST DISTRIBUTION		HEAT TRANSFER MASS FLOW
	INTERLAYERS LAMINATES		TRAILING EDGES		MASS TRANSFER
	MEMBRANES		VORTEX FLAPS		SPECIFIC HEAT
	MIXING LAYERS (FLUIDS)	1540 1	ET AIRCRAFT		THERMAL CONDUCTIVITY
	MONOMOLECULAR FILMS MULTILAYER INSULATION	GS GS	COMMERCIAL AIRCRAFT	LIFE RA	AFTS
	PLASMA LAYERS		. LEAR JET AIRCRAFT	GS	RAFTS
	PLY ORIENTATION		JET AIRCRAFT LEAR JET AIRCRAFT	OT.	. <b>Life rafts</b> Floats
	REGIONS SEDIMENTARY ROCKS	RT	∞ AIRCRAFT	RT	INFLATABLE STRUCTURES
	SHEAR LAYERS				LIFEBOATS
	SHOCK LAYERS		SQUARES METHOD ANALYSIS (MATHEMATICS)		
	STRATA STRATIFICATION	GS	NUMERICAL ANALYSIS	LIFT UF	AERODYNAMIC LIFT
	SUBSTRATES		APPROXIMATION	O.	LIFT COEFFICIENTS
	SURFACE LAYERS		LEAST SQUARES METHOD		LIFT DISTRIBUTION
	SYNCLINES THREE DIMENSIONAL BOUNDARY LAYER	AT	CORRELATION CURVE FITTING		LIFT FORCES VARIABLE LIFT
	TURBULENT BOUNDARY LAYER		GAUSS-MARKOV THEOREM	GS	AERODYNAMIC CHARACTERISTICS
			MEAN SQUARE VALUES  METHODOLOGY		. LIFT Interference Lift
	G EDGE FLAPS		OPTIMIZATION		INTERFERENCE LIFT
GS	AIRFOILS . FLAPS (CONTROL SURFACES)		PARAMETER IDENTIFICATION		ROTOR LIFT
	WING FLAPS		QUALITY CONTROL REGRESSION ANALYSIS		. , ZERO LIFT
	LEADING EDGE FLAPS		SIMULTANEOUS EQUATIONS		AERODYNAMIC FORCES . LIFT
	BRAKES (FOR ARRESTING MOTION) . AERODYNAMIC BRAKES				INTERFERENCE LIFT
	WING FLAPS	LEE W			JET LIFT
	LEADING EDGE FLAPS	AT	AIR CURRENTS BAROTROPIC FLOW		ROTOR LIFT ZERO LIFT
	CONTROL SURFACES . FLAPS (CONTROL SURFACES)		SURFACE WAVES		DYNAMIC CHARACTERISTICS
	WING FLAPS		TROPOSPHERIC WAVES		. LIFT
	LEADING EDGE FLAPS		VERTICAL AIR CURRENTS		INTERFERENCE LIFT JET LIFT
	DRAG DEVICES . AERODYNAMIC BRAKES	LEIDEN	FROST PHENOMENON		ROTOR LIFT
	WING FLAPS	GS	PHASE TRANSFORMATIONS		ZERO LIFT

# LIFT AUGMENTATION

LIFT-(C	CONT.)		BODIES-(CONT.)	LIGHT	AIRCRAFT-(CONT.)
RT	AERODYNAMIC COEFFICIENTS		DEVICES		BEECHCRAFT 18 AIRCRAFT
	AERODYNAMIC CONFIGURATIONS		LUNAR FLYING VEHICLES		C-33 AIRCRAFT
	AERODYNAMIC DRAG AERODYNAMICS		REENTRY VEHICLES TOWED BODIES		C-35 AIRCRAFT . CESSNA L-19 AIRCRAFT
	AIRFOILS		WAVERIDERS		. CESSNA 172 AIRCRAFT
	ANGLE OF ATTACK				. CESSNA 205 AIRCRAFT
	ASPECT RATIO		REENTRY VEHICLES		. CESSNA 210 AIRCRAFT
	CAMBER DISTRIBUTION (DOODERTO	UF	REENTRY GLIDERS		. CESSNA 402B AIRCRAFT . DH 125 AIRCRAFT
	DISTRIBUTION (PROPERTY) DRAG	GS	SPACE GLIDERS LIFTING BODIES		. DO-27 AIRCRAFT
	EXTERNALLY BLOWN FLAPS	40	LIFTING REENTRY VEHICLES		. DO-28 AIRCRAFT
	GLIDING		FDL-5 REENTRY VEHICLE		. F-28 HELICOPTER
	GROUND EFFECT (AERODYNAMICS)		. HL-10 REENTRY VEHICLE		. FIREBEE 2 TARGET DRONE AIRCRAFT
	HYPERSONIC FORCES LEADING EDGE THRUST		HLD-35 REENTRY VEHICLE JANUS SPACECRAFT		. G-1 AIRCRAFT . G-91 AIRCRAFT
	PRESSURE DISTRIBUTION		M-2 LIFTING BODY		. LIGHT HELICOPTERS
	SWEEP EFFECT		M-2F2 LIFTING BODY		OH-4 HELICOPTER
	UNDER SURFACE BLOWING		X-20 AIRCRAFT		. OH-5 HELICOPTER
	UPPER SURFACE BLOWING		X-24 AIRCRAFT		. OH-6 HELICOPTER . OH-58 HELICOPTER
LIST AL	IGMENTATION		REENTRY VEHICLES . MANEUVERABLE REENTRY BODIES		. LIGHT INTRATHEATER TRANSPORT
RT	BOUNDARY LAYER CONTROL		. LIFTING REENTRY VEHICLES		. MH-262 AIRCRAFT
, , ,	CIRCULATION CONTROL AIRFOILS		FDL-5 REENTRY VEHICLE		. MYSTERE 20 AIRCRAFT
	DOWNWASH		HL-10 REENTRY VEHICLE		OH-13 HELICOPTER
	PERIPHERAL JET FLOW		HLD-35 REENTRY VEHICLE JANUS SPACECRAFT		. OH-23 HELICOPTER . P-166 AIRCRAFT
	SPANWISE BLOWING UPPER SURFACE BLOWN FLAPS		M-2 LIFTING BODY		. PD-808 AIRCRAFT
	VORTEX FLAPS		M-2F2 LIFTING BODY		. PIPER AIRCRAFT
			X-20 AIRCRAFT		PA-34 SENECA AIRCRAFT
	DEFFICIENTS		X-24 AIRCRAFT		. SAAB 105 AIRCRAFT . SC-7 AIRCRAFT
USE	AERODYNAMIC COEFFICIENTS	RT	AEROSPACE PLANES AIRCRAFT		. U-10 AIRCRAFT
	UFT	•	ASSET GLIDERS		. VZ-8 AIRCRAFT
LIFT DE	VICER		ASTRO VEHICLE		. YAK 40 AIRCRAFT
UF	LIFTING SURFACES		BOOSTGLIDE VEHICLES	RT	AGRICULTURAL AIRCRAFT
RT	BOUNDARY LAYER CONTROL		GLIDERS HYPERSONIC GLIDERS		∞ AIRCRAFT BIPLANES
	∞ DEVICES		MANNED REENTRY		DRONE AIRCRAFT
	DIRECT LIFT CONTROLS DRAG DEVICES		MANNED SPACECRAFT		GENERAL AVIATION AIRCRAFT
	EXTERNALLY BLOWN FLAPS		RECOVERABLE SPACECRAFT		∞ LOW WING AIRCRAFT
	FLAPS (CONTROL SURFACES)		REENTRY		∞ MILITARY AIRCRAFT MYSTERE 50 AIRCRAFT
	MAGNETIC LEVITATION VEHICLES		SPACECRAFT REENTRY		OBSERVATION AIRCRAFT
	SLOTS	LIFTING	ROTORS		PASSENGER AIRCRAFT
	UPPER SURFACE BLOWN FLAPS		AIRFOILS		PILOTLESS AIRCRAFT
LIFT DIS	STRIBUTION		. WINGS		RECONNAISSANCE AIRCRAFT
USE	FORCE DISTRIBUTION		ROTARY WINGS		SUBMERSIBLE AIRCRAFT  SUBSONIC AIRCRAFT
	LIFT		LIFTING ROTORS		TERRAIN FOLLOWING AIRCRAFT
			ROTATING BODIES		TRAINING AIRCRAFT
	RAG RATIO		ROTORS		TRANSPORT AIRCRAFT
UF GS	DRAG BALANCE RATIOS		ROTARY WINGS		ULTRALIGHT AIRCRAFT
	. LIFT DRAG RATIO		LIFTING ROTORS		UTILITY AIRCRAFT WATER TAKEOFF AND LANDING
RT	AERODYNAMIC BALANCE	RT	GROUND EFFECT MACHINES		AIRCRAFT
	AERODYNAMIC COEFFICIENTS		LIFT FANS		
	AERODYNAMIC DRAG AERODYNAMIC STALLING		ROTARY WING AIRCRAFT		ARMED RECONNAISSANCE AIRCRAFT
	BOUNDARY LAYER SEPARATION		SHORT TAKEOFF AIRCRAFT	USE	COIN AIRCRAFT
	DRAG REDUCTION		VERTICAL TAKEOFF AIRCRAFT		
	FORCE DISTRIBUTION	LIETING	SURFACES	LIGHT GS	GAS GUNS GAS GUNS
	PRESSURE RATIO		LIFT DEVICES	G\$	LIGHT GAS GUNS
LIFT FA	NG		LIFTING BODIES	RT	HYPERVELOCITY PROJECTILES
UF	FANLIFT DEVICES		SURFACES		
AT	DUCTED FANS		4	LIGHT	HELICOPTERS
	FAN IN WING AIRCRAFT	GS	(LAUNCHING) LAUNCHING	GS	LIGHT AIRCRAFT
	LIFTING ROTORS PROPELLER FANS	GO	. ROCKET LAUNCHING		. LIGHT HELICOPTERS OH-4 HELICOPTER
	ROTARY WINGS		LIFTOFF (LAUNCHING)		OH-5 HELICOPTER
	SHORT TAKEOFF AIRCRAFT		. SPACECRAFT LAUNCHING		OH-6 HELICOPTER
	TURBOFANS	RT	LIFTOFF (LAUNCHING) BOOSTER ROCKET ENGINES		OH-58 HELICOPTER
	VERTICAL TAKEOFF AIRCRAFT	n i	COUNTDOWN		V/STOL AIRCRAFT
	XV-11A AIRCRAFT		LAUNCHING PADS		. ROTARY WING AIRCRAFT HELICOPTERS
LIFT FO	PULLE		ROCKET FIRING		LIGHT HELICOPTERS
USE			ROCKET THRUST		OH-4 HELICOPTER
					OH-5 HELICOPTER
	BODIES		IRBORNE MULTIPURPOSE SYSTEM		OH-6 HELICOPTER
UF	LIFTING SURFACES	UF GS	LAMPS PROGRAM NAVIGATION AIDS	RT	OH-56 HELICOPTER  ∞AIRCRAFT
GS	LIFTING BODIES	45	LIGHT AIRBORNE MULTIPURPOSE	***	MILITARY HELICOPTERS
	. LIFTING REENTRY VEHICLES FDL-5 REENTRY VEHICLE		SYSTEM		OBSERVATION AIRCRAFT
	HL-10 REENTRY VEHICLE		ONBOARD EQUIPMENT	_	
	HLD-35 REENTRY VEHICLE		. AIRBORNE EQUIPMENT LIGHT AIRBORNE MULTIPURPOSE		INTRATHEATER TRANSPORT
	JANUS SPACECRAFT		SYSTEM	GS	LIGHT AIRCRAFT . LIGHT INTRATHEATER TRANSPORT
	M-2 LIFTING BODY M-2F2 LIFTING BODY	RT	AIRCRAFT EQUIPMENT		TRANSPORT AIRCRAFT
	X-20 AIRCRAFT		FLIGHT INSTRUMENTS		. LIGHT INTRATHEATER TRANSPORT ,
	X-24 AIRCRAFT		NAVIGATION INSTRUMENTS	RT	∞ AIRCRAFT
	. M-2F3 LIFTING BODY	œ	SYSTEMS		COIN AIRCRAFT
RT	AERODYNAMIC CONFIGURATIONS AIRFOILS	LIGHT A	IRCRAFT	LIGHT	SCATTERING METERS
	BLUFF BODIES	GS	LIGHT AIRCRAFT	GS	MEASURING INSTRUMENTS
	∞ BODIES		. BEECH 99 AIRCRAFT		. OPTICAL MEASURING INSTRUMENTS

	(2017)		QUADRATIC REGULATOR-(CONT.)	LIQUEFI	ED NATURAL GAS-(CONT.)
LIGHT 9	CATTERING METERS-(CONT.)LIGHT SCATTERING METERS	LINEAR	LINEAR QUADRATIC GAUSSIAN		ORGANIC COMPOUNDS
	OPTICAL EQUIPMENT		CONTROL		HYDROCARBONS
	OPTICAL MEASURING INSTRUMENTS	RT	∞ CONTROL	RT	LIQUEFIED NATURAL GAS METHANE
	LIGHT SCATTERING METERS		CONTROL SYSTEMS DESIGN CONTROL THEORY	n.	NATURAL GAS
RT	METEOROLOGICAL INSTRUMENTS		CONTROLLERS		
	TANSPORT AIRCRAFT		FEEDBACK CONTROL		AIR CYCLE ENGINES
GS	COMMERCIAL AIRCRAFT		KALMAN FILTERS	UF GS	LACE (ENGINE) ENGINES
	. LIGHT TRANSPORT AIRCRAFT		REGULATOR	43	. ROCKET ENGINES
	TRANSPORT AIRCRAFT LIGHT TRANSPORT AIRCRAFT	USE	LINEAR QUADRATIC REGULATOR		LIQUID PROPELLANT ROCKET
RT	AIRCRAFT	552			ENGINES LIQUID AIR CYCLE ENGINES
••••	MULTIENGINE VEHICLES		VIBRATION	RT	AEROSPACE PLANES
	PASSENGER AIRCRAFT	GS	VIBRATION STRUCTURAL VIBRATION		HYDROGEN OXYGEN ENGINES
	MODEL		. LINEAR VIBRATION		SUSTAINER ROCKET ENGINES TURBOROCKET ENGINES
GS	ILL GAS MODEL MODELS	RT	FREE VIBRATION		TORBOROCKET ENGINES
-	LIGHTHILL GAS MODEL		MISSILE VIBRATION RANDOM VIBRATION	LIQUID	BREATHING
RT	BOUNDARY LAYER FLOW		VIBRATION MODE	GS	RESPIRATION
	GAS MIXTURES GAS TRANSPORT			RT	. LIQUID BREATHING ACCLIMATIZATION
	HYPERSONIC FLOW		IZATION	nı	PRESSURE BREATHING
	MOLECULAR THEORY	RT	BERNOULLI THEOREM ∞EQUATIONS		RESUSCITATION
	TRANSPORT PROPERTIES		GALERKIN METHOD		00011110
LIGHTH	ILL METHOD		LINEARITY	SN	(COOLING WITH LIQUIDS)
RT	AIRFOIL PROFILES		SIMPLIFICATION	UF	WATER COOLING
	AIRFOILS	LING-TI	MCO-VOUGHT AIRCRAFT	GS	COOLING
	CONFORMAL MAPPING FLOW THEORY	UF	LTV AIRCRAFT		. LIQUID COOLING FILM COOLING
	INTEGRAL TRANSFORMATIONS	GS	LING-TEMCO-VOUGHT AIRCRAFT	RT	AIR COOLING
	∞ METHODOLOGY		, A-7 AIRCRAFT , F-8 AIRCRAFT		COOLANTS
			. XC-142 AIRCRAFT		COOLING SYSTEMS SODIUM COOLING
LINEAR GS	EQUATIONS ALGEBRA	RT	∞ AIRCRAFT		SPACE COOLING (BUILDINGS)
us	LINEAR EQUATIONS	LICHIMI	LE EQUATIONS		SWEAT COOLING
	LINEAR EVOLUTION EQUATIONS	GS	ANALYSIS (MATHEMATICS)		THERMAL POLLUTION WATER IMMERSION
	RICCATI EQUATION ANALYSIS (MATHEMATICS)		, REAL VARIABLES		WATER IMMERSION
	REAL VARIABLES		DIFFERENTIAL EQUATIONS PARTIAL DIFFERENTIAL EQUATIONS	LIQUID	
	LINEAR EQUATIONS		LIOUVILLE EQUATIONS	USE	DROPS (LIQUIDS)
	LINEAR EVOLUTION EQUATIONS RICCATI EQUATION	RT	∞ EQUATIONS	LIOUID	FILLED SHELLS
RT	DETERMINANTS		PLASMA PHYSICS PLASMAS (PHYSICS)	GS	SHELLS (STRUCTURAL FORMS)
	DIFFERENTIAL EQUATIONS		STATISTICAL MECHANICS		. FLUID FILLED SHELLS
•	∞EQUATIONS FLOQUET THEOREM			RT	LIQUID FILLED SHELLS HYDRODYNAMIC RAM EFFECT
	GAUSSIAN ELIMINATION		IED GASES	יח	PROPELLANT TANKS
	LINEAR OPERATORS	GS	GASES . LIQUEFIED GASES		REINFORCED SHELLS
	MATRICES (MATHEMATICS) OPERATIONAL CALCULUS		LIQUEFIED NATURAL GAS		SHELL STABILITY STORAGE
	POLYNOMIALS		. LIQUID AIR . LIQUID AMMONIA		TANKS (CONTAINERS)
			. LIQUID FLUORINE		∞ VESSELS
	EVOLUTION EQUATIONS		LIQUID HELIUM	1101115	51.0W
GS	ALGEBRA . LINEAR EQUATIONS		LIQUID HELIUM 2 LIQUID HYDROGEN	LIQUID GS	FLUID FLOW
	LINEAR EVOLUTION EQUATIONS		. LIQUID NEON		LIQUID FLOW
	ANALYSIS (MATHEMATICS)		LIQUID NITROGEN		OPEN CHANNEL FLOW
	. REAL VARIABLES LINEAR EQUATIONS		LIQUID OXYGEN LIQUIDS	RT	WATER FLOW CRITICAL FLOW
	LINEAR EVOLUTION EQUATIONS		LIQUEFIED GASES		GAS FLOW
RT	DIFFERENCE EQUATIONS EQUATIONS		LIQUEFIED NATURAL GAS		HEAD (FLUID MECHANICS)
	∞ EQUATIONS		LIQUID AIR LIQUID AMMONIA		HEAD FLOW HYDRODYNAMIC COEFFICIENTS
LINEAR	QUADRATIC GAUSSIAN CONTROL		. LIQUID FLUORINE		LAMINAR FLOW
UF	LQG CONTROL		LIQUID HELIUM		MASS FLOW MULTIPHASE FLOW
GS	AUTOMATIC CONTROL . OPTIMAL CONTROL		LIQUID HELIUM 2 LIQUID HYDROGEN		NONNEWTONIAN FLOW
	LINEAR QUADRATIC REGULATOR		. LIQUID NEON		ORIFICE FLOW
	LINEAR QUADRATIC GAUSSIAN		LIQUID NITROGEN		PIPE FLOW PRESSURE GRADIENTS
	CONTROL OPTIMIZATION	RT	LIQUID OXYGEN . CONDENSATES		PRESSURE HEADS
	. OPTIMAL CONTROL	n i	CONDENSATES CONDENSERS (LIQUEFIERS)		RHEOLOGY
	LINEAR QUADRATIC REGULATOR		CRYOGENIC ROCKET PROPELLANTS		SINGLE-PHASE FLOW SORET COEFFICIENT
	LINEAR QUADRATIC GAUSSIAN CONTROL		CRYOGENICS GAS MIXTURES		STEADY FLOW
RT	∞ CONTROL		LIQUID ROCKET PROPELLANTS		SUBCRITICAL FLOW
	CONTROL SYSTEMS DESIGN		SOLID CRYOGEN COOLING		SUPERCRITICAL FLOW
	CONTROL THEORY FEEDBACK CONTROL				TURBULENT FLOW TWO PHASE FLOW
	KALMAN FILTERS	LIQUEF	HED NATURAL GAS LNG		UNIFORM FLOW
		GS	FUELS		UNSTEADY FLOW
	QUADRATIC REGULATOR		. CHEMICAL FUELS	LIMIT	HELIUM 2
UF	LINEAR REGULATOR		HYDROCARBON FUELS LIQUEFIED NATURAL GAS	GS	CHEMICAL ELEMENTS
GS	LQR AUTOMATIC CONTROL		GASES		. RARE GASES
	, OPTIMAL CONTROL		. FLAMMABLE GASES		HELIUM LIQUID HELIUM
	LINEAR QUADRATIC REGULATOR LINEAR QUADRATIC GAUSSIAN		. LIQUEFIED NATURAL GAS . LIQUEFIED GASES		LIQUID HELIUM 2
	CONTROL		. LIQUEFIED NATURAL GAS		GASES
	OPTIMIZATION		LIQUIDS		. LIQUEFIED GASES LIQUID HELIUM
	OPTIMAL CONTROL LINEAR QUADRATIC REQULATOR		. LIQUEFIED GASES LIQUEFIED NATURAL GAS		LIQUID HELIUM 2
	LINEAR GUADRIATIO REGULATION				

# LIQUID INJECTION

	(OONT)		······································		CONT
LIQUID	HELIUM 2-(CONT.)	LIQUID-	BAS MIXTURES-(CONT.)	LIQUIDS	-(CONT.)
	. RARE GASES		BINARY MIXTURES		ORGANIC LIQUIDS
	HELIUM		GAS MIXTURES MENISCI		. POTABLE LIQUIDS BEVERAGES
	LIQUID HELIUM LIQUID HELIUM 2		SOLUBILITY		WINES
	LIQUIDS		VAPOR PHASES		POTABLE WATER
	. CRYOGENIC FLUIDS		VAPOR PRESSURE		ROTATING LIQUIDS
	. LIQUID HELIUM		THE OTT THE GOOT IE	RT .	FLUIDS
	LIQUID HELIUM 2	LICHER	LQUID INTERFACES	,,,	GLOBULES
	LIQUEFIED GASES	GS	BOUNDARIES		GLYCEROLS
	LIQUID HELIUM	ao	. FLUID BOUNDARIES		LIQUID FUELS
	LIQUID HELIUM 2		. LIQUID-LIQUID INTERFACES		LIQUID PHASES
RT	CRYOSTATS		INTERFACES		LIQUID ROCKET PROPELLANTS
	SUPERFLUIDITY		. FLUID BOUNDARIES		NONPOINT SOURCES
			LIQUID-LIQUID INTERFACES		PHASE DIAGRAMS
LIQUID	INJECTION	RT	BOUNDARY LAYERS		VAPOR PHASES
GS	INJECTION		FREE BOUNDARIES		WATER
	. FLUID INJECTION		HEAT TRANSFER	11771 6	JOE 2 LAUNCH VEHICLE
	. LIQUID INJECTION		INTERFACE STABILITY	GS GS	LAUNCH VEHICLES
	DEEP WELL INJECTION (WASTES)		INTERFACIAL ENERGY	43	LITTLE JOE 2 LAUNCH VEHICLE
DT	WATER INJECTION		INTERFACIAL TENSION PRESSURE GRADIENTS		ROCKET VEHICLES
RT	FILM COOLING FUEL INJECTION		SOLUBILITY		. MULTISTAGE ROCKET VEHICLES
	FUEL SPRAYS		SOLUBICITY		. LITTLE JOE 2 LAUNCH VEHICLE
	MIXING		IOLID INTERFACES	RT	ALGOL ENGINE
	PROPELLANT SPRAYS	GS	BOUNDARIES		MERCURY PROJECT
	THRUST VECTOR CONTROL	GS	, FLUID BOUNDARIES		SERGEANT MISSILES
	***************************************		. LIQUID-SOLID INTERFACES		SOLID PROPELLANT ROCKET ENGINES
LIQUID	OXIDIZERS		INTERFACES		TX-354 ENGINE
GS	LIQUIDS		. FLUID BOUNDARIES		XM-33 ENGINE
	LIQUID OXIDIZERS		LIQUID-SOLID INTERFACES		
	OXIDIZERS	RT	BOUNDARY LAYERS		JOHN ROCKET VEHICLE
	LIQUID OXIDIZERS	•••	FLUID FILMS	GS	ROCKET VEHICLES
RT	ROCKET OXIDIZERS		FLUID-SOLID INTERACTIONS		. SINGLE STAGE ROCKET VEHICLES
		a	FUSION		. LITTLE JOHN ROCKET VEHICLE
LIQUID	PHASES		HEAT TRANSFER		. SURFACE TO SURFACE ROCKETS
RT	ALLOYS		INTERFACE STABILITY	DT	. LITTLE JOHN ROCKET VEHICLE HERCULES ENGINE
	CRITICAL PRESSURE		MELTING	RŤ	SOLID PROPELLANT ROCKET ENGINES
	ELECTROEPITAXY		MENISCI		SOLID PHOPELDANI HOOKET ENGINES
	EUTECTICS		METAL SURFACES	LNG	
	LIQUID PHASE EPITAXY		PHASE CHANGE MATERIALS	USE	LIQUEFIED NATURAL GAS
	LIQUIDS		SOLID PHASES SOLID-SOLID INTERFACES	JOL	Ereoti iza varrona eria
	LIQUIDUS MELTING POINTS		SQUEEZE FILMS	LOAD D	STRIBUTION (FORCES)
	PHASE DIAGRAMS		OGOLLEL TILMO	GS	DISTRIBUTION (PROPERTY)
	PHASE SEPARATION (MATERIALS)	1101110.1	APOR INTERFACES		LOAD DISTRIBUTION (FORCES)
	∞PHASES	GS	BOUNDARIES	RT a	DISTRIBUTION
	SOLID PHASES	us	. FLUID BOUNDARIES		
	SOLID SOLUTIONS		. LIQUID-VAPOR INTERFACES	LOAD TE	ESTING MACHINES
	SOLIDUS		INTERFACES		MACHINERY
	SOLUBILITY		. FLUID BOUNDARIES	a	TEST EQUIPMENT
	SUPERCRITICAL PRESSURES		. LIQUID-VAPOR INTERFACES		
	SYNTECTIC ALLOYS	AT	AIR WATER INTERACTIONS	LOAD TE	ESTS
	TRANSITION TEMPERATURE		EVAPORATION	RT	COMPRESSION TESTS
	VAPOR PHASE EPITAXY		FREE BOUNDARIES		CREEP TESTS
	VAPOR PHASES		HEAT TRANSFER		DESTRUCTIVE TESTS
			INTERFACE STABILITY		FATIGUE TESTS
	ROTATION		MENISCI		IMPACT TESTS
USE	ROTATING LIQUIDS		PRESSURE GRADIENTS		LOADING RATE
			SOLUBILITY		NONDESTRUCTIVE TESTS
	SLOSHING		VAPOR PHASES		SHOCK TESTS SPECIMEN GEOMETRY
UF	SLOSHING AERODYNAMIC STABILITY		VAPOR PRESSURE		SPIN TESTS
RT					STATIC TESTS
	AIRCRAFT STABILITY BAFFLES	LIQUIDS			TENSILE TESTS
	CONTROLLABILITY	GS	LIQUIDS	ar	TESTS
	FUEL CONTROL		. CRYOGENIC FLUIDS FERMI LIQUIDS	•	
	FUEL TANKS		FLOX	∞ LOADING	1
	INTERFACE STABILITY		. LIQUID HELIUM	SN	(USE OF A MORE SPECIFIC TERM IS
	PROPELLANT TANKS		LIQUID HELIUM 2		RECOMMENDED-CONSULT THE TERMS
	PROPELLANT TRANSFER		. LIQUID HYDROGEN		LISTED BELOW)
	ROTATING FLUIDS		LIQUID NITROGEN	UF	DUMMY LOADS
	SPACECRAFT STABILITY		LIQUID OXYGEN	RT	FEEDING (SUPPLYING)
	STORAGE STABILITY		. FERROFLUIDS		FILLING
	TANK GEOMETRY		. HYDRAULIC FLUIDS		INPUT
	ULLAGE		SKYDROL (TRADEMARK)		LOADING OPERATIONS
			. JUICES		LOADS (FORCES) PAYLOADS
LIQUID	SURFACES LIQUID SURFACES		. LIQUEFIED GASES LIQUEFIED NATURAL GAS		REFILLING
us	. MENISCI				REPLENISHMENT
RT	FLUID BOUNDARIES		LIQUID AIR LIQUID AMMONIA		SHAFTS (MACHINE ELEMENTS)
•••	FREE BOUNDARIES		. LIQUID FLUORINE		SWEEP EFFECT
	INTERFACIAL TENSION		LIQUID HELIUM		
	JET BOUNDARIES		LIQUID HELIUM 2	LOADING	MOMENTS
	SOLID SURFACES		LIQUID HYDROGEN	GS	MOMENTS
	SURFACE WAVES		LIQUID NEON		. LOADING MOMENTS
	∞ SURFACES		LIQUID NITROGEN	RT	AERODYNAMIC LOADS
			LIQUID OXYGEN		BENDING MOMENTS
	GAS MIXTURES		. LIQUID METALS		FLEXING
GS	MIXTURES		LIQUID LITHIUM		LOADS (FORCES)
	. DISPERSIONS		LIQUID POTASSIUM		MASS DISTRIBUTION
	LIQUID-GAS MIXTURES		LIQUID SODIUM		MOMENT DISTRIBUTION
	AEROSOLS		MERCURY (METAL)		PRESSURE DISTRIBUTION
	FOG		MERCURY VAPOR		STATIC LOADS STRUCTURAL ANALYSIS
RŤ	AIR WATER INTERACTIONS		. LIQUID OXIDIZERS		STRUCTURAL MINETSIS

LOADING	MOMENTS-(CONT.)	LOCKS	-(CONT.)	LONGIT	UDINAL WAVES-(CONT.)
	TORQUE	RT	AIR LOCKS LOCKS (FASTENERS)	RT	, PLANE WAVES BEAMS (RADIATION)
LOADING	RATE		20010 (1710-1211-10)		DILATATIONAL WAVES
GS	RATES (PER TIME)		MOTIVES		ELASTIC WAVES ELECTROSTATIC WAVES
	. LOADING RATE	RT	DIESEL ENGINES HANDLING EQUIPMENT		FREQUENCIES
	IMPACT LOADS LOAD TESTS		RAIL TRANSPORTATION		NORMAL SHOCK WAVES  © RADIATION
	LOADS (FORCES)		WINDSHIELDS		SEISMIC WAVES
	STRAIN RATE VELOCITY		EL LOADTED		SHOCK WAVES
	*ELOON !	USE	ELICOPTER OH-6 HELICOPTER		SOLAR RADIATION SOUND WAVES
LOADING					TRANSVERSE WAVES
	ELASTIC WAVES LOADS (FORCES)		ROCKET VEHICLE		WAVE PACKETS
	20,120 (1 0.1122),	GS	ROCKET VEHICLES . SINGLE STAGE ROCKET VEHICLES		WAVELENGTHS ∞WAVES
LOCALIZA			LOKI ROCKET VEHICLE		
USE	POSITION (LOCATION)		. SOUNDING ROCKETSLOK! ROCKET VEHICLE		NAVIGATION SYSTEM
LOCATES	SYSTEM	RT	SOLID PROPELLANT ROCKET ENGINES	GS	NAVIGATION . RADIO NAVIGATION
	LOCATION OF AIR TRAFFIC SATELLITES AIR TRAFFIC CONTROL		WASP SOUNDING ROCKET		HYPERBOLIC NAVIGATION
	BEACON SATELLITES	1.040	RANGE NAVIGATION	RT	LORAC NAVIGATION SYSTEM DISTANCE MEASURING EQUIPMENT
	NAVIGATION SATELLITES	USE	LORAN	,,,	NAVIGATION AIDS
	SATELLITE GUIDANCE SYSTEMS		LORAN D		NAVIGATION INSTRUMENTS
•	STOTEMO				SURFACE NAVIGATION  SYSTEMS
LOCATIO		LONGE UF	ASTROMASTS		
USE	POSITION (LOCATION)	GS	STRUCTURAL MEMBERS	LORAN UF	LONG RANGE NAVIGATION
LOCATIO	N OF AIR TRAFFIC SATELLITES	ЯT	. <b>Longerons</b> Keels	GS	NAVIGATION
USE	LOCATES, SYSTEM	n,	REINFORCEMENT (STRUCTURES)		. RADIO NAVIGATION
LOCKHE	ED AIRCRAFT		RIBS (SUPPORTS)		HYPERBOLIC NAVIGATION LORAN
	LOCKHEED AIRCRAFT		STRAKES STRINGERS		LORAN C
	. C-5 AIRCRAFT		STRUCTURAL STABILITY	RT	LORAN D AIR NAVIGATION
	. C-121 AIRCRAFT . C-130 AIRCRAFT		THE	n i	DECCA NAVIGATION
	. C-140 AIRCRAFT	LONG! GS	LONGITUDE		DISTANCE MEASURING EQUIPMENT
	. C-141 AIRCRAFT . CL-823 AIRCRAFT		. SOLAR LONGITUDE		NAVIGATION AIDS NAVIGATION INSTRUMENTS
	. EC-121 AIRCRAFT	RT	COORDINATES GEODETIC COORDINATES		POLAR NAVIGATION
	. ELECTRA AIRCRAFT . F-94 AIRCRAFT		LATITUDE		SOLAR COMPASSES SURFACE NAVIGATION
	F-104 AIRCRAFT		POSITION (LOCATION)		SURVEYS
	L-1011 AIRCRAFT	LONGI	TUDE MEASUREMENT		_
	L-2000 AIRCRAFT LOCKHEED MODEL 18 AIRCRAFT	RT	LATITUDE MEASUREMENT	LORAN GS	NAVIGATION
	. P-3 AIRCRAFT		MEASUREMENT NAVIGATION		. RADIO NAVIGATION
	. SR-71 AIRCRAFT . T-33 AIRCRAFT		POSITIONING		HYPERBOLIC NAVIGATION LORAN
	. U-2 AIRCRAFT				LORAN C
	. XH-51 HELICOPTER . XV-4 AIRCRAFT	UF	TUDINAL CONTROL PITCH ATTITUDE CONTROL	RT	AIR NAVIGATION
RT ∞	AIRCRAFT	GS	ATTITUDE CONTROL		DECCA NAVIGATION NAVIGATION AIDS
		RT	. LONGITUDINAL CONTROL AIRCRAFT CONTROL		
	ED C-5 AIRCRAFT C-5 AIRCRAFT		ALTITUDE CONTROL	LORAN UF	D LONG RANGE NAVIGATION
000	5-5 FM 15774 1		AUTOMATIC CONTROL	GS	NAVIGATION
	ED CL-595 HELICOPTER		∞ CONTROL DIRECTIONAL CONTROL		. RADIO NAVIGATION
USE	XH-51 HELICOPTER		HELICOPTER CONTROL		HYPERBOLIC NAVIGATION LORAN
LOCKHE	ED CL-823 AIRCRAFT		LATERAL CONTROL MANUAL CONTROL		LORAN D
USE	CL-823 AIRCRAFT		MISSILE CONTROL	AT	AIR NAVIGATION DECCA NAVIGATION
LOCKHE	ED CONSTELLATION AIRCRAFT		PILOT INDUCED OSCILLATION PITCH (INCLINATION)		NAVIGATION AIDS
	C-121 AIRCRAFT		SATELLUSE ATTITUDE CONTROL		
LOCKHE	ED L-2000 AIRCRAFT		SATELLITE CONTROL	L <b>ORV</b> USE	LOW OBSERVABLE REENTRY VEHICLES
	L-2000 AIRCRAFT	LONGI	TUDINAL STABILITY		
		GS	DYNAMIC CHARACTERISTICS	∞ LOUNG SN	ES (USE OF A MORE SPECIFIC TERM IS
	ED MODEL 18 AIRCRAFT LOCKHEED AIRCRAFT		. DYNAMIC STABILITY MOTION STABILITY	SN	RECOMMENDED-CONSULT THE TERMS
GS	LOCKHEED MODEL 18 AIRCRAFT		ATTITUDE STABILITY		LISTED BELOW)
	MONOPLANES		LONGITUDINAL STABILITY STABILITY	RT	MOBILE LOUNGES ROOMS
	. LOCKHEED MODEL 18 AIRCRAFT TRANSPORT AIRCRAFT		. DYNAMIC STABILITY		SEATS
	LOCKHEED MODEL 18 AIRCRAFT		MOTION STABILITY	(0)00	
AT o	• AIRCRAFT		ATTITUDE STABILITY LONGITUDINAL STABILITY	LOUVE RT	APERTURES
LOCKHE	ED U-2 AIRCRAFT	RT	AERODYNAMIC STABILITY		BAFFLES
	U-2 AIRCRAFT		AIRCRAFT STABILITY DIRECTIONAL STABILITY		∞ DIFFUSERS ∞ SCREENING
			FLOW STABILITY		SHADES
	ED XV-4A AIRCRAFT XV-4 AIRCRAFT		HOVERING STABILITY		SHIELDING SHUTTERS
302			LATERAL STABILITY PITCH (INCLINATION)		SLOTS
	ED 186 HELICOPTER		PITCHING MOMENTS		VENTS
USE	XH-51 HELICOPTER		POGO EFFECTS ROTARY STABILITY	IOW A	LTITUDE
∞ LOCKS			SPACECRAFT STABILITY	GS	ALTITUDE
SN	(USE OF A MORE SPECIFIC TERM IS	, =		RT	. LOW ALTITUDE ELEVATION
	RECOMMENDEDCONSULT THE TERMS LISTED BELOW)	LONG	ITUDINAL WAVES LONGITUDINAL WAVES	nı	LOWER ATMOSPHERE

### **LOW ASPECT RATIO**

LOW ALTITUDE-(CONT.) MIDALTITUDE NAP-OF-THE-EARTH NAVIGATION

LOW ASPECT RATIO RATIOS ASPECT BATIO ... LOW ASPECT RATIO

LOW ASPECT RATIO WINGS DIAMOND WINGS GS . WINGS

... LOW ASPECT RATIO WINGS TRAPEZOIDAL WINGS AT CRUCIFORM WINGS FIXED WINGS RIGID WINGS WING PLANFORMS

LOW DENSITY FLOW RT ∞FLOW

FLUID DYNAMICS MOLECULAR FLOW RAREFIED GAS DYNAMICS RAREFIED GASES

LOW DENSITY GASES RAREFIED GASES

LOW DENSITY WIND TUNNELS
GS TEST FACILITIES
. WIND TUNNELS

LOW DENSITY WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS PT PLASMA JETS RAREFIED GAS DYNAMICS SHOCK TUBES SHOCK TUNNELS SLIP FLOW SUPERSONIC WIND TUNNELS

GS TURBULENCE

. ATMOSPHERIC TURBULENCE .. LOW LEVEL TURBULENCE HOMOGENEOUS TURBULENCE RT

LOW OBSERVABLE REENTRY VEHICLES

UF LORV GS REENTRY VEHICLES LOW OBSERVABLE REENTRY VEHICLES RADAR CROSS SECTIONS RT REENTRY REENTRY PHYSICS

LOW PRESSURE

**∞** VEHICLES

PRESSURE LOW PRESSURE
... HIGH ALTITUDE PRESSURE
ALTITUDE TOLERANCE CYCLOGENESIS CYCLONES ∞ DEPRESSION HIGH ALTITUDE ENVIRONMENTS HIGH PRESSURE HYPOBARIC ATMOSPHERES TROUGHS VACUUM

LOW PRESSURE CHAMBERS
USE VACUUM CHAMBERS

∞ LOW RESISTANCE

SISTANCE (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) CHEMICAL PROPERTIES ELECTRICAL RESISTANCE RT FLOW RESISTANCE MECHANICAL PROPERTIES 

© RESISTANCE THERMAL RESISTANCE

TRANSCONDUCTANCE

LOW REYNOLDS NUMBER

(RN BELOW 2,000) as RATIOS . DIMENSIONLESS NUMBERS REYNOLDS NUMBER

LOW REYNOLDS NUMBER-(CONT.)
... LOW REYNOLDS NUMBER
RT HIGH REYNOLDS NUMBER LAMINAR FLOW VISCOSITY

LOW SPEED LOW VELOCITY

GS RATES (PER TIME) . LOW SPEED VELOCITY . LOW SPEED RT FLOW VELOCITY GROUND SPEED LANDING SPEED SUBSONIC SPEED

LOW SPEED STABILITY

DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
.. MOTION STABILITY LOW SPEED STABILITY STABILITY DYNAMIC STABILITY . . MOTION STABILITY
. . . LOW SPEED STABILITY
AERODYNAMIC STABILITY AERODYNAMIC STALLING AIRCRAFT STABILITY ATTITUDE STABILITY CONTROLLABILITY DYNAMIC TESTS FLIGHT CHARACTERISTICS

FLOW STABILITY

HOVERING STABILITY SPACECRAFT STABILITY

LOW SPEED WIND TUNNELS

TEST FACILITIES
. WIND TUNNELS
. LOW SPEED WIND TUNNELS
. SUBSONIC WIND TUNNELS **BLOWDOWN WIND TUNNELS** 

LOW TEMPERATURE

RT

GS TEMPERATURE LOW TEMPERATURE
. CRYOGENIC TEMPERATURE ВT BAY ICE COOLING CRYOGENICS FREEZING FROST FROST DAMAGE ICE FORMATION MAGNETIC COOLING

LOW TEMPERATURE TESTS GS

PRESSURE ICE

REFRIGERATING

ENVIRONMENTAL TESTS
. LOW TEMPERATURE TESTS CHEMICAL TESTS COLD STRENGTH COLD WEATHER TESTS CRYOSTATS HARDNESS TESTS LUBRICANT TESTS MELTING POINTS NONDESTRUCTIVE TESTS QUALITY CONTROL TEMPERATURE CONTROL ∞ TESTS

THERMAL EXPANSION THERMAL STABILITY LOW THRUST

THRUST . LOW THRUST . MICROTHRUST HIGH THRUST JET THRUST RT ROCKET THRUST VARIABLE THRUST

GS PROPULSION

GS PROPULSION

LOW THRUST PROPULSION

ELECTROMAGNETIC PROPULSION

ELECTROSTIC PROPULSION ION PROPULSION MAN OPERATED PROPULSION SYSTEMS PHOTONIC PROPULSION

LOW THRUST PROPULSION-(CONT.) ... PLASMA PROPULSION
... SOLAR PROPULSION
... SOLAR ELECTRIC PROPULSION

... SOLAR THERMAL PROPULSION ELECTRIC PROPULSION MICROTHRUST

ROCKET THRUST SPACE STATION PROPULSION SPACECRAFT PROPULSION VARIABLE THRUST

LOW TURBULENCE TURBULENCE LOW TURBULENCE STEADY FLOW

LOW VELOCITY USE LOW SPEED

RT

LOW VISIBILITY VISIBILITY GS . LOW VISIBILITY
AIRCRAFT LANDING
ALL-WEATHER LANDING SYSTEMS AT HAZARDS HAZE INSTRUMENT FLIGHT RULES LIGHT TRANSMISSION

LOW VOLUME RAMJET ENGINES ENGINES . AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES ... RAMJET ENGINES
... LOW VOLUME RAMJET ENGINES
INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES JET ENGINES RAMJET ENGINES
LOW VOLUME RAMJET ENGINES TURBINE ENGINES GAS TURBINE ENGINES
. JET ENGINES .... RAMJET ENGINES
.... LOW VOLUME RAMJET ENGINES

∞ LOW WING AIRCRAFT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)

∞ AIRCRAFT
AIRCRAFT CONFIGURATIONS BEECH 99 AIRCRAFT
GENERAL AVIATION AIRCRAFT
HYPERSONIC AIRCRAFT JET AIRCRAFT LIGHT AIRCRAFT MONOPLANES PASSENGER AIRCRAFT TAILLESS AIRCRAFT TRANSPORT AIRCRAFT TURBOFAN AIRCRAFT TURBOPROP AIRCRAFT

LOG CONTROL LINEAR QUADRATIC GAUSSIAN CONTROL

LOR

LINEAR QUADRATIC REGULATOR

LTV AIRCRAFT
USE LING-TEMCO-VOUGHT AIRCRAFT

LUBRICANT TESTS ENGINE TESTS
HIGH TEMPERATURE TESTS LOW TEMPERATURE TESTS **∞ MATERIALS TESTS** ∞ TESTS WEAR RESISTANCE

LUCITE (TRADEMARK) POLYMETHYL METHACRYLATE

LUDER BANDS
USE PLASTIC DEFORMATION YIELD POINT

## **MAGNETOHYDRODYNAMICS**

### M WINGS

VARIABLE SWEEP WINGS

### M-2 LIFTING BODY

GS

ING BODY
LIFTING BODIES
LIFTING REENTRY VEHICLES
. M-2 LIFTING BODY
. M-2F2 LIFTING BODY
REENTRY VEHICLES
. MANEUVERABLE REENTRY BODIES
LIFTING PEENTRY VEHICLES

LIFTING REENTRY VEHICLES

M-2 LIFTING BODY

M-2F2 LIFTING BODY

M-2F2 LIFTING BODY
GS LIFTING BODIES

LIFTING BODIES
LIFTING REENTRY VEHICLES
. M-2 LIFTING BODY
. M-2F LIFTING BODY
REENTRY VEHICLES
. MANEUVERABLE REENTRY BODIES
. LIFTING REENTRY VEHICLES

... M-2 LIFTING BODY

### M-2F3 LIFTING BODY

LIFTING BODIES
. M-2F3 LIFTING BODY

### MACE MISSILES

MISSILES
. SURFACE TO SURFACE MISSILES

. MACE MISSILES
BOOSTER ROCKET ENGINES RT

J-33 ENGINE SOLID PROPELLANT ROCKET ENGINES TURBOJET ENGINES

### MACH CONES

ELASTIC WAVES
SHOCK WAVES
MACH CONES

RT

ACOUSTIC VELOCITY BOW WAVES

CONES

HYPERSONIC SHOCK

SOUND WAVES SUPERSONIC FLIGHT SUPERSONIC FLOW SUPERSONICS

### MACH NUMBER

CRITICAL MACH NUMBER

GLAUERT COEFFICIENT

GS RATIOS

RT

DIMENSIONLESS NUMBERS

.. MACH NUMBER
ACOUSTIC VELOCITY
AERODYNAMICS

AIRSPEED SHOCK WAVES

SUPERHARMONICS SWEEP ANGLE

# MACH-ZEHNDER INTERFEROMETERS GS MEASURING INSTRUMENTS . INTERFEROMETERS

MACH-ZEHNDER INTERFEROMETERS

ARODYNAMICS
ARGON LASERS
CARBON DIOXIDE LASERS
DIFFRACTOMETERS
GAS LASERS

**GONIOMETERS** 

OPTICAL EQUIPMENT

OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SCHLIEREN PHOTOGRAPHY

MAGNETIC COMPASSES
GS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS

COMPASSES

MAGNETIC COMPASSES

NAVIGATION AIDS
. NAVIGATION INSTRUMENTS

COMPASSES

... MAGNETIC COMPASSES
GYROCOMPASSES

RT

SOLAR COMPASSES

MAGNETIC COOLING COOLING

MAGNETIC COOLING-(CONT.)

MAGNETIC COOLING

RT ABSORPTION COOLING

ADIABATIC DEMAGNETIZATION COOLING

LOW TEMPERATURE
LOW TEMPERATURE ENVIRONMENTS

MAGNETIC EQUATOR
UF GEOMAGNETIC EQUATOR
GS EQUATORS

MAGNETIC EQUATOR

РT GEOMAGNETISM

∞ INCLINATION

MAGNETIC MEASUREMENT
SN (MEASUREMENT OF MAGNETIC
PROPERTIES, QUANTITIES OR

CONDITIONS) FLUXMETERS

UF

MAGNETOMETRY

ELECTROMAGNETIC MEASUREMENT MAGNETOMETERS

MATERIALS TESTS

MEASUREMENT
SQUID (DETECTORS)

## MAGNETIC TRANSDUCERS

TRANSDUCERS
MAGNETIC TRANSDUCERS

ELECTROMAGNETIC MEASUREMENT ELECTRONIC TRANSDUCERS MICROPHONES

MAGNETOGASDYNAMICS
USE MAGNETOHYDRODYNAMICS

### MAGNETOHYDRODYNAMIC FLOW

UF

GS

OHYDRODYNAMIC FLOW
HYDROMAGNETIC FLOW
PLASMA FLOW
FLUID FLOW
, MAGNETOHYDRODYNAMIC FLOW
COMPRESSIBLE FLOW

AT

CORE FLOW

GAS FLOW GEOMAGNETIC HOLLOW

HARTMANN FLOW
KELVIN-HELMHOLTZ INSTABILITY
LINE CURRENT

MAGNETOHYDRODYNAMICS
PLASMA FLUX MEASUREMENT
PLASMA TURBULENCE

PLASMAS (PHYSICS)
REVERSE FIELD PINCH

SCREW PINCH

SOLAR WIND VELOCITY TRANSVERSE WAVES TWO FLUID MODELS

MAGNETOHYDRODYNAMIC SHEAR HEATING
GS HEATING

# MAGNETOHYDRODYNAMIC SHEAR

HEATING
PLASMA HEATING
PLASMA SHEATHS
SHOCK HEATING

VISCOUS FLOW

RT

GS

RT

# MAGNETOHYDRODYNAMIC STABILITY UF HYDROMAGNETIC STABILITY PLASMA INSTABILITY

PLASMA STABILITY
PLASMA STABILITY
DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
.. MOTION STABILITY

. FLOW STABILITY

# MAGNETOHYDRODYNAMIC STABILITY

FLOW CHARACTERISTICS
FLOW STABILITY

MAGNETOHYDRODYNAMIC STABILITY

WEIBEL INSTABILITY

STABILITY
DYNAMIC STABILITY

MOTION STABILITY

FLOW STABILITY
MAGNETOHYDRODYNAMIC

STABILITY
... WEIBEL INSTABILITY
BALLOONING MODES

BETA FACTOR ELASTIC WAVES

**ELLIPTICAL PLASMAS** 

MAGNETOHYDRODYNAMIC STABILITY-(CONT.)

FORCE-FREE MAGNETIC FIELDS

HELICAL FLOW KELVIN-HELMHOLTZ INSTABILITY

MAGNETOHYDRODYNAMICS MAGNETOHYDROSTATICS

MAGNETOHYDROSTATICS
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
PLASMA CONDUCTIVITY
PLASMA COOLING
PLASMA DECAY
PLASMA DECAY
PLASMA DECIT
PLASMA EQUILIBRIUM
PLASMA LIFETIME
PLASMA LOSS
BIASMA DINCH

PLASMA PINCH
PLASMA POTENTIALS
PLASMA SLABS
PLASMA TEMPERATURE
PLASMA TURBULENCE
PLASMAS (PHYSICS)

PLASMONS SPACE PLASMAS

STRONGLY COUPLED PLASMAS
THERMAL INSTABILITY
ZETA PINCH

# MAGNETOHYDRODYNAMIC TURBULENCE

TURBULENCE
MAGNETOHYDRODYNAMIC
TURBULENCE

.. PLASMA TURBULENCE HOMOGENEOUS TURBULENCE ISOTROPIC TURBULENCE

RT

# MAGNETOHYDRODYNAMIC WAVES

ALFVEN WAVES HYDROMAGNETIC WAVES

PLASMA SOUND WAVES

ELASTIC WAVES
MAGNETOHYDRODYNAMIC WAVES GS

PLASMA WAVES
ELECTROSTATIC WAVES

MAGNETOACOUSTIC WAVES

MAGNETOHYDRODYNAMICS NORMAL SHOCK WAVES OBLIQUE SHOCK WAVES SHOCK WAVES

RT

RT

MAGNETOHYDRODYNAMICS GEOMETRICAL HYDROMAGNETICS HYDROMAGNETICS

HYDROMAGNETISM

MAGNETOGASDYNAMICS FLUID MECHANICS GS

FLUID DYNAMICS
. HYDRODYNAMICS
. MAGNETOHYDRODYNAMICS

HYDROMECHANICS HYDRODYNAMICS

MAGNETOHYDRODYNAMICS
ALPHA PLASMA DEVICES
CONDUCTING FLUIDS

DYNAMICS
ELECTRIC ARCS
ELECTROHYDRODYNAMICS
GAS DYNAMICS
GAS TRANSPORT

HALL ACCELERATORS

HALL EFFECT HARTMANN FLOW

HARTMANN NUMBER
IONIZATION
MAGNETOHYDRODYNAMIC FLOW

MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC GENERATORS
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMIC WAVES
MAGNETOHYDROSTATICS
MAGNETOHORICS
MAGNETOSONIC RESONANCE
DINCH EFFECT

PINCH EFFECT
PLASMA CURRENTS
PLASMA DYNAMICS

PLASMA PHYSICS PLASMA PROPULSION

PLASMA PHOPOLISION PLASMAS (PHYSICS) SPACE CHARGE SPACE MECHANICS SPACE PLASMAS STELLAR ACTIVITY

STELLARATORS
THERMONUCLEAR REACTIONS

URANIUM PLASMAS

# **MAGNETOHYDROSTATICS**

		54 A MET III	IPNO	MANNED	SPACE FLIGHT-(CONT.)
	FOHYDROSTATICS	MANEU\ GS	/ERS MANEUVERS		GEMINI 12 FLIGHT
GS	FLUID MECHANICS . HYDROMECHANICS	do	, AIRCRAFT MANEUVERS		. MANNED REENTRY
	HYDROSTATICS		EVASIVE ACTIONS		. MERCURY FLIGHTS
	MAGNETOHYDROSTATICS		HOVERING		MERCURY MA-1 FLIGHT
	STATICS		. ORBITAL RENDEZVOUS		MERCURY MA-2 FLIGHT
	. HYDROSTATICS		EARTH ORBITAL RENDEZVOUS		MERCURY MA-3 FLIGHT
	MAGNETOHYDROSTATICS		LUNAR ORBITAL RENDEZVOUS		MERCURY MA-4 FLIGHT
RT	MAGNETOHYDRODYNAMIC STABILITY		. SIDESLIP		MERCURY MA-5 FLIGHT
	MAGNETOHYDRODYNAMICS		. SPACECRAFT DOCKING		MERCURY MA-8 FLIGHT
	MAGNETOIONICS		. SPACECRAFT MANEUVERS ORBITAL MANEUVERS		MERCURY MA-7 FLIGHT MERCURY MA-8 FLIGHT
	PLASMA PHYSICS	RT	AEROBATICS		MERCURY MA-8 FLIGHT
	STATIC STABILITY	NI.	AIRCRAFT SPIN		MERCURY MR-1 FLIGHT
			FLIGHT CONTROL		MERCURY MR-2 FLIGHT
MAGNET	TOMETERS		LANDING		MERCURY MR-3 FLIGHT
UF	GAUSSMETERS		MANEUVERABILITY		MERCURY MR-4 FLIGHT
GS	MEASURING INSTRUMENTS		MINOR CIRCLE TURNING FLIGHT		SPACE SHUTTLE MISSIONS
	. MAGNETOMETERS		SELF MANEUVERING UNITS		SPACE SHUTTLE MISSION 31-A
	VARIOMETERS ELECTRICAL MEASUREMENT		TAKEOFF		SPACE SHUTTLE MISSION 31-B
RT	FIELD INTENSITY METERS		TURNING FLIGHT		SPACE SHUTTLE MISSION 31-C
	GEOMAGNETISM				SPACE SHUTTLE MISSION 31-D SPACE SHUTTLE MISSION 41-A
_	∞ GRADIOMETERS	MANIFO			SPACE SHUTTLE MISSION 41-A
•	MAGNETIC MEASUREMENT	RT	AIR INTAKES		SPACE SHUTTLE MISSION 41-0
	MAGNETIC PROBES		EXHAUST SYSTEMS		SPACE SHUTTLE MISSION 41-D
	MAGNETIC SHIELDING		FUEL SYSTEMS INTAKE SYSTEMS		SPACE SHUTTLE MISSION 41-G
	MAGSAT A SATELLITE		PIPES (TUBES)		SPACE SHUTTLE MISSION 51-A
	MAGSAT B SATELLITE		PLENUM CHAMBERS		SPACE SHUTTLE MISSION 51-8
	MAGSAT SATELLITES		TUBES		SPACE SHUTTLE MISSION 51-C
	MAGSAT 1 SATELLITE		WATER INTAKES		SPACE SHUTTLE MISSION 51-D
	NUCLEAR MAGNETIC RESONANCE	,	<u> </u>		SPACE SHUTTLE MISSION 51-E
	PROTON MASERS	MANIPU	LATION .		SPACE SHUTTLE MISSION 51-F
			MANIPULATORS		SPACE SHUTTLE MISSION 51-G
	TOMETRY				SPACE SHUTTLE MISSION 51-H
USE	MAGNETIC MEASUREMENT	MANIPU	LATORS		SPACE SHUTTLE MISSION 51-I SPACE SHUTTLE MISSION 51-J
		SN	(LIMITED TO MECHANICAL DEVICES FOR		SPACE SHUTTLE MISSION 51-L
MAGNUS	S EFFECT		REMOTE HANDLING)		SPACE SHUTTLE MISSION 61-A
RT	BERNOULLI THEOREM	UF	MANIPULATION		SPACE SHUTTLE MISSION 61-B
	BOUNDARY LAYER FLOW	GS	MANIPULATORS		SPACE SHUTTLE MISSION 61-C
	∞ EFFECTS		. REMOTE MANIPULATOR SYSTEM		SPACE SHUTTLE MISSION 61-E
	FLUID DYNAMICS	RT	CONTROL EQUIPMENT		AEROSPACE ENVIRONMENTS
	FLUID FLOW		∞EFFECTORS END EFFECTORS		APOLLO EXTENSION SYSTEM
	MISSILE DESIGN ROTATING CYLINDERS		PAYLOAD DEPLOYMENT & RETRIEVAL		ATLANTIS (ORBITER)
	HUTATING CYLINDERS		SYSTEM		COLUMBIA (ORBITER)
			REMOTE CONTROL		DISCOVERY (ORBITER)
	PERATED PROPULSION SYSTEMS		REMOTE HANDLING		ENTERPRISE (ORBITER) EXTRAVEHICULAR ACTIVITY
UF	MOPS (PROPULSION SYSTEMS)		ROBOT ARMS		GEMINI (GT-1) SPACECRAFT
GS	PROPULSION		ROBOT DYNAMICS		GEMINI B SPACECRAFT
	. LOW THRUST PROPULSION MAN OPERATED PROPULSION		ROBOTICS		GEMINI SPACECRAFT
	SYSTEMS		SERVOCONTROL		GEMINI 2 SPACECRAFT
RT	ASTRONAUT LOCOMOTION		SHIELDING		HUMAN FACTORS ENGINEERING
***	COMPRESSED AIR		TELEOPERATORS		INDIAN SPACE PROGRAM
	EXTRAVEHICULAR ACTIVITY				INTERPLANETARY FLIGHT
	GASEOUS ROCKET PROPELLANTS		D REENTRY		INTERSTELLAR TRAVEL
	MANNED SPACE FLIGHT	GS	ATMOSPHERIC ENTRY		INTRAVEHICULAR ACTIVITY
	PILOT PERFORMANCE		REENTRY		LONG DURATION SPACE FLIGHT
	RETROROCKET ENGINES		MANNED REENTRY		MAN OPERATED PROPULSION SYSTEMS
	∞ SYSTEMS		SPACE FLIGHT		MERCURY PROJECT
			. MANNED SPACE FLIGHT		SPACE ADAPTATION SYNDROME
MAN PO	OWERED AIRCRAFT		MANNED REENTRY		SPACE COMMUNICATION
RT	∞ AIRCRAFT	RT	DESCENT TRAJECTORIES ENVIRONMENTAL CONTROL		SPACE EXPLONATION SPACE FLIGHT STRESS
	HANG GLIDERS		LIFTING REENTRY VEHICLES		SPACE LOGISTICS
	SOARING		REENTRY COMMUNICATION		SPACE PROGRAMS
	ULTRALIGHT AIRCRAFT		SPACECRAFT REENTRY		SPACE PSYCHOLOGY
	∞WINGED VEHICLES				SPACE SHUTTLE ORBITERS
		MANNE	D SPACE FLIGHT		SPACE SHUTTLES
	VERABILITY	GS	SPACE FLIGHT		SPACECREW TRANSFER
RT	AIR SLEW MISSILES		. MANNED SPACE FLIGHT		SUBORBITAL FLIGHT
	AIRCRAFT CONTROL		APOLLO FLIGHTS		
	AIRCRAFT MANEUVERS		APOLLO 5 FLIGHT		3 THEORY
	AIRCRAFT PERFORMANCE CONTROLLABILITY		APOLLO 6 FLIGHT	RT	FLUID FLOW
	FLIGHT CHARACTERISTICS		APOLLO 7 FLIGHT	a	THEORIES
	FLIGHT CHARACTERISTICS FLIGHT CONTROL		APOLLO 8 FLIGHT		WALL FLOW
	FLIGHT ENVELOPES		APOLLO 9 FLIGHT		
	HELICOPTER PERFORMANCE		APOLLO 10 FLIGHT	MANOM	
	MANEUVERS		APOLLO 12 FLIGHT	UF	MICROMANOMETERS
	SPACECRAFT MANEUVERS		APOLLO 13 FLIGHT		U TUBES
			APOLLO 14 FLIGHT	GS	MEASURING INSTRUMENTS
MANEI	IVERABLE REENTRY BODIES		APOLLO 15 FLIGHT		. PRESSURE GAGES
	REENTRY VEHICLES		APOLLO 16 FLIGHT	RT	MANOMETERS BAROMETERS
GS	. MANEUVERABLE REENTRY BODIES		APOLLO 17 FLIGHT	<b></b>	BLOOD PRESSURE
GS			GEMINI FLIGHTS		FLAME PROBES
GS	LIFTING REENTRY VEHICLES		GEMINI 3 FLIGHT		PRESSURE DISTRIBUTION
GS	FDL-5 REENTRY VEHICLE				PRESSURE DISTRIBUTION
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE		GEMINI 4 FLIGHT		PRESSURE MEASUREMENT
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE		GEMINI 5 FLIGHT		
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE JANUS SPACECRAFT		GEMINI 5 FLIGHT		PRESSURE MEASUREMENT
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE JANUS SPACECRAFT M-2 LIFTING BODY		GEMINI 5 FLIGHT GEMINI 6 FLIGHT GEMINI 7 FLIGHT	MAMIA	PRESSURE MEASUREMENT VACUUM GAGES
GS	FDL-5 REENTRY VEHICLE HL1-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE JANUS SPACECRAFT M-2 LIFTING BODY M-2F2 LIFTING BODY		GEMINI 5 FLIGHT GEMINI 6 FLIGHT GEMINI 7 FLIGHT GEMINI 8 FLIGHT		PRESSURE MEASUREMENT VACUUM GAGES . CONTROL
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE JANUS SPACECRAFT M-2 LIFTING BODY M-2F2 LIFTING BODY X-20 AIRCRAFT		GEMINI 5 FLIGHT GEMINI 6 FLIGHT GEMINI 7 FLIGHT GEMINI 8 FLIGHT GEMINI 8 FLIGHT	MANUA! GS	PRESSURE MEASUREMENT VACUUM GAGES
GS	FDL-5 REENTRY VEHICLE HL-10 REENTRY VEHICLE HLD-35 REENTRY VEHICLE JANUS SPACECRAFT M-2 LIFTING BODY M-2F2 LIFTING BODY X-20 AIRCRAFT X-24 AIRCRAFT		GEMINI 5 FLIGHT GEMINI 6 FLIGHT GEMINI 7 FLIGHT GEMINI 8 FLIGHT		PRESSURE MEASUREMENT VACUUM GAGES  CONTROL MANUAL CONTROL

MANUAL CONTROL-(CONT.)
ATTITUDE CONTROL AUTOMATIC CONTROL BUTTONS CONSOLES CONSOLES
CONTROL
CONTROL BOARDS
CONTROL EQUIPMENT
DIRECTIONAL CONTROL
ENGINE CONTROL
GUIDANCE (MOTION)
HANDLES HANDLES HELICOPTER CONTROL HUMAN FACTORS ENGINEERING KNORS LANDING INSTRUMENTS LATERAL CONTROL LEVERS LONGITUDINAL CONTROL ∞ MANUAL PEDALS REENTRY GUIDANCE REMOTE CONTROL SATELLITE CONTROL SATELLITE GUIDANCE SATELLITE GUIDANCE SERVOCONTROL SPACECRAFT CONTROL SPACECRAFT GUIDANCE SPEED CONTROL TEMPERATURE CONTROL

MAP MATCHING GUIDANCE
GS GUIDANCE (MOTION)
. MAP MATCHING GUIDANCE
RT AIRBORNE EQUIPMENT
DISPLAY DEVICES
IMAGE CORRELATORS
RADAR MAPS
RADAR NAVIGATION
TERCOM TERCOM
VIDEO LANDMARK ACQUISITION AND TRACKING

### MAPS

MAPS GS

ASTRONOMICAL MAPS . PLANISPHERES LUNAR MAPS

METEOROLOGICAL CHARTS PHOTOMAPS

PHOTOMAPS
RADAR CLUTTER MAPS
RADAR MAPS
RELIEF MAPS
BONNE PROJECTION
CADASTRAL MAPPING RT

CHARTS

COMPUTER AIDED MAPPING COORDINATES
DATUM (ELEVATION)
GEOGRAPHY

GLOBES

HYPSOGRAPHY MAPPING

MERCATOR PROJECTION NAVIGATION AIDS PHOTOMAPPING SOIL MAPPING SURVEYS THEMATIC MAPPING

MARBORE 2 ENGINE J-69-T-25 ENGINE

MARINE NAVIGATION
USE SURFACE NAVIGATION

MARINE RUDDERS

CONTROL SURFACES . RUDDERS .. MARINE RUDDERS RT HYDROFOILS TAIL ASSEMBLIES

MARITIME SATELLITES

IE SATELLITES
ARTIFICIAL SATELLITES
... MARITIME SATELLITES
... ERS-1 (ESA SATELLITE)
... MARECS MARITIME SATELLITES MAROTS (ESA) AT MSAT

NATIONAL OCEANIC SATELLITE SYSTEM TOPEX

MARK 1 REENTRY BODY
GS REENTRY VEHICLES
. MARK 1 REENTRY BODY

INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC

MARK 2 REENTRY BODY
GS REENTRY VEHICLES
. MARK 2 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES INTERMEDIATE RANGE BALLISTIC
MISSILES

MARK 3 REENTRY BODY

GS

REENTRY BODY
REENTRY VEHICLES
. MARK 3 REENTRY BODY
INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC RT MISSHES

MARK 4

GS

REENTRY BODY
REENTRY VEHICLES
. MARK 4 REENTRY BODY
INTERCONTINENTAL BALLISTIC MISSILES RT

MARK 5 REENTRY BODY GS

REENTRY VEHICLES
. MARK 5 REENTRY BODY
INTERCONTINENTAL BALLISTIC MISSILES

MARK 6 REENTRY BODY
GS REENTRY VEHICLES
. MARK 6 REENTRY BODY

INTERCONTINENTAL BALLISTIC MISSILES

RT ∞ MARKERS

RT

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)

BEACONS RT BUOYS CRAYONS DYES RADIO BEACONS **RUNWAY LIGHTS** SMOKE

MARQUARDT R4D ENGINE

**ENGINES** GS

ENGINES
. MARQUARDT R4D ENGINE
APOLLO PROJECT
AUXILIARY PROPULSION
COMMAND MODULES

® REACTION CONTROL RT SATELLITE ATTITUDE CONTROL SPACECRAFT CONTROL

MARTIN AIRCRAFT MARTIN AIRCRAFT
. B-26 AIRCRAFT
. B-57 AIRCRAFT

∞ AIRCRAFT

∞ MASS BALANCE

RT

(USE OF A MORE SPECIFIC TERM IS SN RECOMMENDED CONSULT THE TERMS LISTED BELOW)

RT

BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
VARIABLE MASS SYSTEMS

MASS FLOW

FLUID FLOW GS . MASS FLOW CROCCO-LEE THEORY RT ∞FLOW

FLOW THEORY
GAS FLOW
KELVIN-HELMHOLTZ INSTABILITY
KINETIC THEORY
LAMINAR FLOW LAMINAR FLOW
LEWIS NUMBERS
LIQUID FLOW
MOLECULAR INTERACTIONS
MULTIPHASE FLOW
PIPE FLOW
SEDIMENT TRANSPORT
SINGLE-PHASE FLOW

SLIDING SLUMPING SOLIDS FLOW STEADY FLOW

MASS FLOW-(CONT.)
STEAM FLOW
TURBULENT FLOW UNIFORM FLOW UNSTEADY FLOW

MASS FLOW FACTORS
RT DISCHARGE COEFFICIENT FLOW COEFFICIENTS HEAT TRANSFER COEFFICIENTS HEAT TRANSMISSION NOZZLE GEOMETRY

MASS FLOW RATE

ATE RATES (PER TIME)

MASS FLOW RATE
CONVECTIVE FLOW
DIFFUSION COEFFICIENT GS PLOW VELOCITY
PNEUMATIC PROBES
SPECIFIC IMPULSE
TRANSIENT PRESSURES

MASS SPECTRA SPECTRA GS

MASS SPECTRA ENERGY SPECTRA RT MOLECULAR SPECTRA RADIATION SPECTRA

MASS SPECTROMETERS

ION SPECTROMETERS
RETARDING ION MASS
SPECTROMETERS

MEASURING INSTRUMENTS
. SPECTROMETERS GS MASS SPECTROMETERS

CHEMICAL ANALYSIS GAS ANALYSIS MICROANALYSIS

NEUTRON ACTIVATION ANALYSIS
QUALITATIVE ANALYSIS

RŤ

MASS TRANSFER
RT ABLATION
CHARGE TRANSFER CHARGE THANSFEH
CONVECTIVE FLOW
CONVECTIVE HEAT TRANSFER
ENERGY TRANSFER
GAS TRANSPORT GAS-LIQUID INTERACTIONS HEAT TRANSFER HEAT THANSFER LEWIS NUMBERS
POROUS BOUNDARY LAYER CONTROL
SEDIMENT TRANSPORT
TRANSFERRING
TRANSFERRING

TRANSPIRATION

MATRA MISSILE MISSILES

MISSILES
. AIR TO AIR MISSILES
. MATRA MISSILE
SOLID PROPELLANT ROCKET ENGINES

MAULER MISSILE

ANTIAIRCRAFT MISSILES MAULER MISSILE

. MAULER MISSILES
. MAULER MISSILES
. SURFACE TO AIR MISSILES
. MAULER MISSILE
SINGLE STAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES RT

MAVERICK MISSILES MISSILES GS

, AIR TO SURFACE MISSILES MAVERICK MISSILES

MAX HOLSTE MH-262 AIRCRAFT MH-262 AIRCRAFT

MAXWELL BODIES
RT CLASSICAL MECHANICS

CONTINUUM MECHANICS
HOOKES LAW
OSCILLATION DAMPERS
RELAXATION TIME

MAXWELL FLUIDS

RT COMPRESSIBLE FLUIDS FLUID MECHANICS ∞ FLUIDS

# **MAXWELL-BOLTZMANN DENSITY FUNCTION**

MAXWELL FLUIDS-(CONT.) MEAN SQUARE VALUES-(CONT.)
LEAST SQUARES METHOD MEASURING RHEOLOGY MEASUREMENT VISCOELASTICITY VISCOUS FLOW **MEASURING INSTRUMENTS** VISCOUS FLUIDS FLUXMETERS GAGES ... MEASUREMENT MAXWELL-BOLTZMANN DENSITY FUNCTION

UF MAXWELLIAN DISTRIBUTION (DENSITY)

GS FUNCTIONS (MATHEMATICS)

. MAXWELL-BOLTZMANN DENSITY
FUNCTION

STATISTICAL ANALYSIS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN METERS RATE METERS
MEASURING INSTRUMENTS LISTED BELOW) GS ACCELEROMETERS
. STRAIN GAGE ACCELEROMETERS UF DETERMINATION MEASURING QUANTIZATION AMMETERS MAXWELL-BOLTZMANN DENSITY FUNCTION RT ACCURACY MICROMILLIAMMETERS
THERMOELEMENT AMMETERS ACOUSTIC MEASUREMENT AIRBORNE RANGE AND ORBIT DETERMINATION DENSITY DISTRIBUTION ANALYZERS KINETIC THEORY
PROBABILITY THEORY
STATISTICAL MECHANICS ENGINE ANALYZERS SIGNAL ANALYZERS ANEMOMETERS AIRCRAFT INSTRUMENTS ANALOG DATA ASTROMETRY DRAG FORCE ANEMOMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
LASER ANEMOMETERS AUDIOMETRY MAXWELLIAN DISTRIBUTION (DENSITY) CHEMICAL ANALYSIS CONFIDENCE LIMITS MAXWELL-BOLTZMANN DENSITY FUNCTION SONIC ANEMOMETERS
BALLOON-BORNE INSTRUMENTS
BATHYMETERS CONSISTENCY COUNTING **MB-1 ROCKET VEHICLE** ∞ DATA BATHYMETERS
BURETTES
CALORIMETERS
BOMB CALORIMETERS
DROP CALORIMETERS
FLAME CALORIMETERS
COMPARATORS GENIE ROCKET VEHICLE DEFINITION DENSIMETERS
DENSITY MEASUREMENT MCDONNELL AIRCRAFT MCDONNELL DOUGLAS AIRCRAFT
. MCDONNELL AIRCRAFT
. C-9 AIRCRAFT DEPTH MEASUREMENT DETECTION DILATOMETRY DC 10 AIRCRAFT F-101 AIRCRAFT DIMENSIONAL MEASUREMENT DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM CONDUCTIVITY METERS
. ELECTRICAL CONDUCTIVITY METERS
COULOMETERS PHANTOM AIRCRAFT
. F-4 AIRCRAFT
RF-4 AIRCRAFT COUNTERS
. RADIATION COUNTERS
. CERENKOV COUNTERS
. ELECTRON COUNTERS
. GEIGER COUNTERS DOWNRANGE MEASUREMENT DRAG MEASUREMENT ... AIRCRAFT EARTH TERMINAL MEASUREMENT SYSTEM ELECTRICAL MEASUREMENT ELECTROMAGNETIC MEASUREMENT ELECTROMAGNETIC NOISE MCDONNELL DOUGLAS AIRCRAFT
GS MCDONNELL DOUGLAS AIRCRAFT GEIGER COUNTERS

NEUTRON COUNTERS

NEUTRON SPECTROMETERS

PARTICLE TELESCOPES

PROPORTIONAL COUNTERS

QUANTUM COUNTERS

SCINTILLATION COUNTERS

SPARK CHAMBERS

DEFORMETERS DOUGLAS AIRCRAFT
. A-1 AIRCRAFT
. A-3 AIRCRAFT MEASUREMENT ELLIPSOMETRY ESTIMATING A-4 AIRCRAFT EVALUATION B-66 AIRCRAFT C-9 AIRCRAFT **EXAMINATION** FLOW MEASUREMENT C-47 AIRCRAFT C-54 AIRCRAFT DENSIMETERS
. ULTRASONIC DENSIMETERS
DENSITOMETERS FREQUENCY MEASUREMENT FRICTION MEASUREMENT C-118 AIRCRAFT GAMMA RAY ABSORPTIOMETRY C-124 AIRCRAFT C-133 AIRCRAFT GEOMETRY . MICRODENSITOMETERS
DISTANCE MEASURING EQUIPMENT GRAVIMETRY D-558 AIRCRAFT DC 3 AIRCRAFT DC 7 AIRCRAFT HEAT MEASUREMENT
HIGH ALT TARGET AND BACKGROUND
MEASUREMENT ALTIMETERS LASER ALTIMETERS
RADIO ALTIMETERS DC 8 AIRCRAFT DC 9 AIRCRAFT HUMIDITY MEASUREMENT GEODIMETERS **IDENTIFYING** RANGE FINDERS
. OPTICAL RANGE FINDERS DC 10 AIRCRAFT INTERNATIONAL SYSTEM OF UNITS PD-808 AIRCRAFT X-3 AIRCRAFT LATITUDE MEASUREMENT LONGITUDE MEASUREMENT LASER RANGE FINDERS F-18 AIRCRAFT STADIMETERS MCDONNELL AIRCRAFT . C-9 AIRCRAFT TELLUROMETERS DYNAMOMETERS ELASTOMETERS DC 10 AIRCRAFT F-101 AIRCRAFT MEASURING INSTRUMENTS ELECTROMETERS . PHANTOM AIRCRAFT
. F-4 AIRCRAFT
. RF-4 AIRCRAFT
∞AIRCRAFT MECHANICAL MEASUREMENT ELECTRON PROBES
ENGINE MONITORING INSTRUMENTS METROLOGY MONITORS
NOISE MEASUREMENT ERGOMETERS EUDIOMETERS OPTICAL MEASUREMENT EXTENSOMETERS OPTOMETRY FIELD INTENSITY METERS MCLEOD GAGES PHOTOGRAPHIC MEASUREMENT FLAME PROBES FLIGHT LOAD RECORDERS MEASURING INSTRUMENTS
. PRESSURE GAGES
.. VACUUM GAGES PNEUMOGRAPHY
PRESSURE MEASUREMENT FLIGHT RECORDERS PROVING FLOWMETERS MCLEOD GAGES
VACUUM APPARATUS
VACUUM GAGES
MCLEOD GAGES PUPILLOMETRY RADAR MEASUREMENT . GAS METERS HOT-WIRE FLOWMETERS RHEOMETERS RADIATION MEASUREMENT RADIOACTIVE AGE DETERMINATION RANGEFINDING FORCE VECTOR RECORDERS IONIZATION GAGES RI FUEL GAGES
. CAPACITIVE FUEL GAGES KNUDSEN GAGES PIRANI GAGES SIGNAL MEASUREMENT SIZE DETERMINATION GALVANOMETERS GERDIEN CONDENSERS PRESSURE MEASUREMENT SOUNDING SPHYGMOGRAPHY STANDARDS STRAIN MEASUREMENT GONIOMETERS ME P-160 AIRCRAFT PHOTOGONIOMETERS RADIOGONIOMETERS P-160 AIRCRAFT USE SYNOPTIC MEASUREMENT TEMPERATURE MEASUREMENT THRUST MEASUREMENT GRAVIMETERS ME P-308 AIRCRAFT GRAVITY GRADIOMETERS HELIOMETERS USE P-308 AIRCRAFT TIME MEASUREMENT
TRAJECTORY MEASUREMENT
ULTRASONIC DENSIMETERS PYROHELIOMETERS MEAN SQUARE VALUES HYDROMETERS HYPSOMETERS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION UNITS OF MEASUREMENT VELOCITY MEASUREMENT IMPEDANCE PROBES RADIO FREQUENCY IMPEDANCE PROBES MEAN SQUARE VALUES VIBRATION MEASUREMENT RT ALGORITHMS. WEIGHT MEASUREMENT WIND MEASUREMENT . INDICATING INSTRUMENTS
. APPROACH INDICATORS ERROR ANALYSIS

MEASURING INSTRUMENTS-(CONT.) . ASTROLABES . ATTITUDE INDICATORS GYRO HORIZONS	ULTRAVIOLET SPECTROPHOTOMETERS	. RIOMETERS . RATIOMETERS
GYRO HORIZONS		
	, , TRANCITS	RESONANCE PROBES RESPIROMETERS
CLOUD HEIGHT INDICATORS	THEOCOLITES	SATELLITE-BORNE INSTRUMENTS
COMPASSES	TRANSMISSOMETERS	ADVANCED VERY HIGH RESOLUTION
GYROCOMPASSES MAGNETIC COMPASSES	. OSCILLOGRAPHS	RADIOMETERAMPS (SATELLITE PAYLOAD)
SOLAR COMPASSES	OXYGEN ANALYZERS	. TOTAL OZONE MAPPING
. FLOW DIRECTION INDICATORS	. PENETROMETERS . PLASMA PROBES	SPECTROMETER
WIND VANES	. ELECTROSTATIC PROBES	. SCATTEROMETERS
POSITION INDICATORS PLAN POSITION INDICATORS	. POLARISCOPES	. SHOCK MEASURING INSTRUMENTS . SONDES
RADIO DIRECTION FINDERS	. SENARMONT POLARISCOPES . POTENTIOMETERS (INSTRUMENTS)	. DROPSONDES
SPACECRAFT POSITION	PRESSURE GAGES	JUDI-DART ROCKET
INDICATORS SMOKE DETECTORS	BAROMETERS	. RADIOSONDES
. SPEED INDICATORS	MANOMETERS	ENDORADIOSONDES IONOSONDES
TACHOMETERS	OSMOMETERS PIEZOELECTRIC GAGES	RAWINSONDES
WEIGHT INDICATORS	. PIEZOMETERS	. SPECTROMETERS
MICROBALANCES STRAIN GAGE BALANCES	VACUUM GAGES	EBERT SPECTROMETERS
THERMOBALANCES	IONIZATION GAGES	FABRY-PEROT SPECTROMETERS GAMMA RAY SPECTROMETERS
. INTERFEROMETERS	ALPHATRONS BAYARD-ALPERT IONIZATION	IMAGING SPECTROMETERS
ETALONS FABRY-PEROT INTERFEROMETERS	GAGES	INFRARED SPECTROMETERS
. INFRARED INTERFEROMETERS	PENNING GAGES	FILTER WHEEL INFRARED SPECTROMETERS
MACH-ZEHNDER INTERFEROMETERS	PHILIPS IONIZATION GAGES	. LASER SPECTROMETERS
MICHELSON INTERFEROMETERS	KNUDSEN GAGES MCLEOD GAGES	MASS SPECTROMETERS
MICROWAVE INTERFEROMETERS PHASE SWITCHING	PIRANI GAGES	MICROWAVE SPECTROMETERS
INTERFEROMETERS	. PROFILOMETERS	. NEUTRON SPECTROMETERS . SOLAR BACKSCATTER UV
RADIO INTERFEROMETERS	. PROTRACTORS . RADIATION MEASURING INSTRUMENTS	SPECTROMETER
. ION PROBES	. ACTINOMETERS	SOLAR SPECTROMETERS
. ION TRAPS (INSTRUMENTATION) . LASER DOPPLER VELOCIMETERS	INFRARED SPECTROMETERS	SPECTROHELIOGRAPHS
MAGNETIC PROBES	PYRANOMETERS	. TIME OF FLIGHT SPECTROMETERS . ULTRAVIOLET SPECTROMETERS
. MAGNETOMETERS	RADIOMETERS	HIGH DISPERSION
VARIOMETERS	INFRARED DETECTORS	SPECTROGRAPHS
. MECHANOGRAMS . METEOROLOGICAL INSTRUMENTS	INFRARED RADIOMETERS	TOTAL OZONE MAPPING
BAROMETERS	INFRARED SCANNERS	SPECTROMETER . SPUTTERING GAGES
CLOUD HEIGHT INDICATORS	MICROWAVE RADIOMETERS PASSIVE L-BAND RADIOMETERS	STRAIN GAGES
DROPSONDES RADIOMETEOROGRAPHS	PRESSURE MODULATOR	. TEMPERATURE MEASURING
RADIOSONDES	RADIOMETERS	INSTRUMENTSBATHYTHERMOGRAPHS
ENDORADIOSONDES	SPECTRORADIOMETERS SOLAR SPECTROMETERS	OPTICAL PYROMETERS
IONOSONDES	SPECTROHELIOGRAPHS	PYROMETERS
RAWINSONDES RAIN GAGES	SPECTROPHOTOMETERS	RADIATION PYROMETERS
WEATHER DATA RECORDERS	INFRARED	THERMOCOUPLE PYROMETERS TEMPERATURE PROBES
WIND VANES	SPECTROPHOTOMETERS ULTRAVIOLET	PNEUMATIC PROBES
. MICROMETERS . MICROWAVE PROBES	SPECTROPHOTOMETERS	THERMOMETERS
. MICROWAVE PLASMA PROBES	ULTRAVIOLET DETECTORS	RESISTANCE THERMOMETERS . TENSIOMETERS
. MICROWAVE SENSORS	ULTRAVIOLET SPECTROMETERS TOTAL OZONE MAPPING	. TENSOMETERS
MOISTURE METERS	SPECTROMETER	. THERMAL CONDUCTIVITY GAGES
HYGROMETERS	ULTRAVIOLET	. TILTMETERS
MONOCHROMATORS	SPECTROPHOTOMETERS	. TIME MEASURING INSTRUMENTS CLOCKS
, NOISE METERS	. BOLOMETERS . EBERT SPECTROMETERS	ATOMIC CLOCKS
OHMMETERS OMEGA NAVIGATION SYSTEM	ELECTROSTATIC PROBES	AUTONOMOUS SPACECRAFT
OPTICAL MEASURING INSTRUMENTS	. FABRY-PEROT SPECTROMETERS	CLOCKS CHRONOMETERS
CATHETOMETERS	HODOSCOPES	TIMING DEVICES
DIFFRACTOMETERS	INFRARED INSTRUMENTS INFRARED DETECTORS	. TITRIMETERS
. EBERT SPECTROMETERS . ELLIPSOMETERS	FLIR DETECTORS	. TORQUEMETERS
ETALONS	INFRARED RADIOMETERS	. TURBULENCE METERS . VIBRATION METERS
GEODIMETERS	INFRARED SCANNERS INFRARED SPECTROMETERS	. SEISMOGRAPHS
HAPLOSCOPES INFRARED SPECTROMETERS	INFRARED SPECTROPHOTOMETERS	LUNAR SEISMOGRAPHS
FILTER WHEEL INFRARED	PHOTOMETERS	. VISCOMETERS
SPECTROMETERS	ELECTROPHOTOMETERS	. VOLTMETERS MILLIVOLTMETERS
LIGHT SCATTERING METERS	ULTRAVIOLET SPECTROMETERS TOTAL OZONE MAPPING	. WATTMETERS
MICRODENSITOMETERS NEPHELOMETERS	SPECTROMETER	RT AIRCRAFT INSTRUMENTS
. OCULOMETERS	ULTRAVIOLET	AUTOMATIC CONTROL
OPTICAL PYROMETERS	SPECTROPHOTOMETERS	AUTOMATIC TEST EQUIPMENT BIOINSTRUMENTATION
. OPTICAL RANGE FINDERS	. RADIATION COUNTERS CERENKOV COUNTERS	CALIBRATING
LASER RANGE FINDERS PHOTOGONIOMETERS	ELECTRON COUNTERS	CIRCUMSOLAR TELESCOPES
PHOTOMETERS	GEIGER COUNTERS	CONTROL MOMENT GYROSCOPES CONTROLLERS
ELECTROPHOTOMETERS	NEUTRON COUNTERS NEUTRON SPECTROMETERS	∞DETECTORS
ULTRAVIOLET SPECTROMETERS	PARTICLE TELESCOPES	DRAG MEASUREMENT
TOTAL OZONE MAPPING SPECTROMETER	PROPORTIONAL COUNTERS	DUOCHROMATORS
ULTRAVIOLET	QUANTUM COUNTERS	ELECTRIC BRIDGES
SPECTROPHOTOMETERS	SCINTILLATION COUNTERS	ELECTRICAL MEASUREMENT FLIGHT INSTRUMENTS
POLARIMETERS	SPARK CHAMBERS RADIATION DETECTORS	FOREST FIRE DETECTION
. REFLECTOMETERS MICROWAVE REFLECTOMETERS	DOSIMETERS	FRAUNHOFER LINE DISCRIMINATORS
REFRACTOMETERS	THRESHOLD DETECTORS	IMBLMS
SEXTANTS	(DOSIMETERS)	INSTRUMENT RECEIVERS INSTRUMENT TRANSMITTERS
SPECTROPHOTOMETERS INFRARED SPECTROPHOTOMETER	GOLAY DETECTOR CELLS SUITCON RADIATION DETECTORS	∞ INSTRUMENTS

## **MECHANICAL DEVICES**

MEASURING INSTRUMENTS-(CONT.)
INTERNATIONAL SYSTEM OF UNITS
LABORATORY EQUIPMENT MECHANOGRAMS-(CONT.) METAL COMBUSTION MECHANOGRAM COMBUSTION GS MUSCULAR FUNCTION . METAL COMBUSTION FUEL COMBUSTION LANDING INSTRUMENTS LARGE APERTURE SEISMIC ARRAY LOCAL SCIENTIFIC SURVEY MODULE **GAS-METAL INTERACTIONS** MEDICAL SERVICES METALS SERVICES GS LUNAR RANGEFINDING OXIDATION MEDICAL SERVICES PROPELLANT COMBUSTION PYROPHORIC MATERIALS MEASUREMENT RT AMBULANCES METROLOGY FIRST AID MICROINSTRUMENTATION SOLID PROPELLANT COMBUSTION INTRAVENOUS PROCEDURES
MOBILE QUARANTINE FACILITY MONITORS SOLID PROPELLANT IGNITION NAVIGATION INSTRUMENTS PUBLIC HEALTH ∞ PROBES **METAL PLATES** PROPELLANT ACTUATED INSTRUMENTS RADIO PROBING PLATE (METAL)
STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS) UF **MEMBRANE ANALOGY** MEMBRANE STRUCTURES STRUCTURAL ANALYSIS USE RADIO TELEMETRY
RAPID BALLISTICS IDENTIFICATION
RECORDING INSTRUMENTS METAL PLATES BOILER PLATE REMOTE SENSORS ROCKET-BORNE INSTRUMENTS MEMBRANE STRUCTURES ARMOR RT MEMBRANE ANALOGY BARS BILLETS RONCHI TEST
SATELLITE INSTRUMENTS
SENSORS MEMBRANES
MEMBRANE STRUCTURES GS FLANGES MEMBRANE STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER)
DIAPHRAGMS (MECHANICS)
METAL SHELLS FLAT PLATES GIRDER WEBS SODAR SOUND DETECTING AND RANGING SPACECRAFT INSTRUMENTS PARALLEL PLATES PLATES SYNCHROSCOPES RT RECTANGULAR PLATES TELEMETRY SLABS THICK PLATES THIN PLATES PERFORATED SHELLS SCOTCHLITE (TRADEMARK) **∞ TEST EQUIPMENT** TRANSDUCERS
ULTRASONIC SCANNERS VENTURI TUBES
WHEATSTONE BRIDGES
WIND TUNNEL CALIBRATION SHELLS (STRUCTURAL FORMS)

STRUCTURES METAL SHELLS
GS SHELLS (STRUCTURAL FORMS)
. METAL SHELLS THIN WALLED SHELLS WEBS (SUPPORTS) METAL SHELLS
CIRCULAR SHELLS
CYLINDRICAL SHELLS
HEMISPHERICAL SHELLS
HULLS (STRUCTURES)
MEMBRANE STRUCTURES
ORTHOTROPIC SHELLS
REINFORCED SHELLS
REINFORCED SHELLS RT MECHANICAL DEVICES CAMS CLAMPS MEMORY (LIMITED TO SENTIENT ORGANISMS-EXCLUDES COMPUTER STORAGE DEVICES AND PLASTIC SN CLIPS CLUTCHES ∞ DEVICES MEMORY) ∞ EQUIPMENT RT EDUCATION LEARNING SKIN (STRUCTURAL MEMBER) HOLDERS SPHERICAL SHELLS THIN WALLED SHELLS **LEVERS** RECOGNITION TOROIDAL SHELLS RETENTION (PSYCHOLOGY) LINKAGES MACHINE TOOLS METEOR 1 ROCKET VEHICLE
GS ROCKET VEHICLES MECHANISM MENISCI MECHANIZATION . METEOR 1 ROCKET VEHICLE LIQUID PROPELLANT ROCKET ENGINES RAMJET ENGINES LIQUID SURFACES GS I MENISCI
CURVES (GEOMETRY)
LIQUID-GAS MIXTURES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES RT RT MECHANICAL DRAWINGS
USE ENGINEERING DRAWINGS SOLID PROPELLANT ROCKET ENGINES METEOROLOGICAL BALLOONS
GS EXPANDABLE STRUCTURES SURFACES MECHANICAL MEASUREMENT (MEASUREMENT OF MECHANICAL PROPERTIES, QUANTITIES OR INFLATABLE STRUCTURES
BALLOONS SN MERCURE AIRCRAFT
GS TRANSPORT AIRCRAFT METEOROLOGICAL BALLOOMS
. JIMSPHERE BALLOONS
. ROBIN BALLOONS CONDITIONS) MECHANICAL MEASUREMENT
DISPLACEMENT MEASUREMENT
DRAG MEASUREMENT
FLOW MEASUREMENT
FRICTION MEASUREMENT GS SHORT HAUL AIRCRAFT .. MERCURE AIRCRAFT RT DROPSONDES HIGH ALTITUDE BALLOONS RT CARGO AIRCRAFT PASSENGER AIRCRAFT RADIOSONDES PRESSURE MEASUREMENT STRESS MEASUREMENT . X RAY STRESS MEASUREMENT RAWINSONDES ROCKOONS MERIDIONAL FLOW SKYHOOK BALLOONS FLUID FLOW
. GAS FLOW
. AIR FLOW
. . AIR CURRENTS as THRUST MEASUREMENT VELOCITY MEASUREMENT SOUNDING SUPERPRESSURE BALLOONS VELOCITY MEASUREMENT
VIBRATION MEASUREMENT
WIND MEASUREMENT
WIND MEASUREMENT TETHERED BALLOONS UPPER ATMOSPHERE WEATHER FORECASTING .... MERIDIONAL FLOW ATMOSPHERIC CIRCULATION RT WIND VELOCITY MEASUREMENT ACCELEROMETERS ACOUSTIC MEASUREMENT FLOW GEOMETRY METEOROLOGICAL RESEARCH AIRCRAFT RT WIND (METEOROLOGY)
WIND DIRECTION
ZONAL FLOW (METEOROLOGY) RT 

AIRCRAFT

DATA ACQUISITION

RESEARCH AIRCRAFT DEFORMETERS
DENSITY MEASUREMENT DEPTH MEASUREMENT MESH DYNAMOMETERS EXTENSOMETERS METEOROLOGICAL STATIONS
USE WEATHER STATIONS FABRICS GRIDS FLOWMETERS STRANDS ∞ MEASUREMENT STRAIN GAGES METERS WEBBING MEASURING INSTRUMENTS **∞WEBS TENSIOMETERS** TORQUEMETERS WEIGHT INDICATORS **METHOD OF CHARACTERISTICS** MESH (MATHEMATICS)
USE COMPUTATIONAL GRIDS CHARACTERISTIC METHOD © CHARACTERISTICS RT MECHANICAL RESONANCE
USE RESONANT VIBRATION COMPRESSIBLE FLUIDS MESH GENERATION (MATHEMATICS) FLOW DISTRIBUTION HYPERBOLIC FUNCTIONS GRID GENERATION (MATHEMATICS) USE METEOROLOGY METHODOLOGY MECHANOGRAMS

GS MEASURING INSTRUMENTS MESSERSCHMITT ME P-160 AIRCRAFT PARTIAL DIFFERENTIAL EQUATIONS
PLASTIC PROPERTIES
PRANDTL-MEYER EXPANSION MECHANOGRAMS USE P-160 AIRCRAFT MEDICAL EQUIPMENT . MECHANOGRAMS
RECORDING INSTRUMENTS **MESSERSCHMITT ME P-306 AIRCRAFT** 

USF

P-308 AIRCRAFT

STEADY FLOW

MIDCOURSE GUIDANCE-(CONT.) METHOD OF CHARACTERISTICS-(CONT.) MICROPHONES INERTIAL GUIDANCE INJECTION GUIDANCE RENDEZVOUS GUIDANCE AUDIO EQUIPMENT UNSTEADY FLOW MICROPHONES TRANSDUCERS METHOD OF MOMENTS
RT DISTRIBUTION MOMENTS
INTEGRAL EQUATIONS SPACECRAFT GUIDANCE TERMINAL GUIDANCE SOUND TRANSDUCERS ELECTROACOUSTIC TRANSDUCERS TRANSEARTH INJECTION ... MICROPHONES
HYDROPHONES MATHEMATICAL MODELS
MATRICES (MATHEMATICS)
METHODOLOGY TRANSLUNAR INJECTION RT INTERPHONES MIDCOURSE TRAJECTORIES

GS TRAJECTORIES

. MIDCOURSE TRAJECTORIES

RT ASCENT TRAJECTORIES

BALLISTIC TRAJECTORIES

COASTING FLIGHT

PERCENT TRAJECTORIES MAGNETIC TRANSDUCERS MONAURAL SIGNALS MOMENT DISTRIBUTION MOMENTS TRANSMITTERS NUMERICAL ANALYSIS ULTRASONIC WAVE TRANSDUCERS METRIC PHOTOGRAPHY MICROPHOTOMETERS DESCENT TRAJECTORIES PARABOLIC FLIGHT PHOTOGRAPHY **PHOTOMETERS** METRIC PHOTOGRAPHY MICROPOLAR FLUIDS

GS INCOMPRESSIBLE FLUIDS MIG AIRCRAFT METROLOGY INTERNATIONAL SYSTEM OF UNITS 

MEASUREMENT MICROPOLAR FLUIDS ATTACK AIRCRAFT . FIGHTER AIRCRAFT . MIG AIRCRAFT FLUID MECHANICS RT MEASURING INSTRUMENTS ∞ FLUIDS MICROSTRUCTURE SINGLE ENGINE AIRCRAFT METRICATION . MIG AIRCRAFT SUPERSONIC AIRCRAFT **STANDARDS** MICROROCKET ENGINES
GS ENGINES UNITS OF MEASUREMENT MIG AIRCRAFT NGINES ROCKET ENGINES . MICROROCKET ENGINES . . ORBIT MANEUVERING ENGINE **∞ AIRCRAFT** METROPOLITAN AIRCRAFT CV-440 AIRCRAFT MIL AIRCRAFT (SPACE SHUTTLE)
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES ∞ AIRCRAFT MH-262 AIRCRAFT RT MAX HOLSTE MH-262 AIRCRAFT UF MILITARY AIR FACILITIES MAR HOLSTE MIN-202 AIR NORD 262 AIRCRAFT JET AIRCRAFT . TURBOPROP AIRCRAFT . MH-262 AIRCRAFT LIGHT AIRCRAFT MICROTHRUST AIRCRAFT BASES
AIR TRAFFIC CONTROL UF VERNIER ENGINES GS ∞ AIRCRAFT
AIRCRAFT CARRIERS MICROSCALES MICROBALANCES AIRPORTS USE MH-262 AIRCRAFT ∞ FACILITIES MONOPLANES
MH-262 AIRCRAFT ∞FIELDS HANGARS MICROSONICS ACOUSTICS GS NORD AIRCRAFT
. MH-262 AIRCRAFT
TRANSPORT AIRCRAFT . MICROSONICS ELASTIC PROPERTIES HELIPORTS RT LANDING AIDS LANDING MATS PIEZOELECTRIC CRYSTALS MH-262 AIRCRAFT SOUND FIELDS SOUND WAVES NAVIGATION AIDS ∞ AIRCRAFT STATIONS CARGO AIRCRAFT
PASSENGER AIRCRAFT SURFACE ACOUSTIC WAVE DEVICES SURFACE WAVES © MILITARY AIRCRAFT
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS MICHELSON INTERFEROMETERS
GS MEASURING INSTRUMENTS MICROWAVE INTERFEROMETERS

GS MEASURING INSTRUMENTS RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
BOEING MILITARY AIRCRAFT
CESSNA MILITARY AIRCRAFT
CHANCE-VOUGHT MILITARY AIRCRAFT
CONVAIR MILITARY AIRCRAFT
CURTISS-WRIGHT MILITARY AIRCRAFT
DOUGLAS MILITARY AIRCRAFT
FAIRCHILD MILITARY AIRCRAFT
GENERAL DYNAMICS MILITARY
AIRCRAFT
AIRCRAFT INTERFEROMETERS
INCHELSON INTERFEROMETERS
ASTROPHYSICS INTERFEROMETERS UF MICROWAVE INTERFEROMETERS MICROWAVE EQUIPMENT
MICROWAVE INTERFEROMETERS
FABRY-PEROT INTERFEROMETERS RT RADIO ASTRONOMY SPECTROMETERS RT PLASMA DIAGNOSTICS MICROBALANCES MICROSCALES UF MICROWAVE LANDING SYSTEMS GENERAL DYNAMICS MILITARY
AIRCRAFT
HILLER MILITARY AIRCRAFT
HUGHES MILITARY AIRCRAFT
REPUBLIC MILITARY AIRCRAFT
A-37 AIRCRAFT
AH-13 HELICOPTER
AH-83 HELICOPTER
AH-84 HELICOPTER MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
WEIGHT INDICATORS GS LANDING AIDS
. MICROWAVE LANDING SYSTEMS . MICROWAVE SCANNING BEAM LANDING SYSTEM AIR TRAFFIC CONTROL MICROBALANCES RT RT AIRCRAFT LANDING AIRCRAFT SAFETY APPROACH CONTROL MICROBALLOONS

GS EXPANDABLE STRUCTURES . INFLATABLE STRUCTURES ∞ AIRCRAFT
AIRCRAFT CARRIERS
AIRCRAFT SURVIVABILITY BALLOONS AUTOMATED EN ROUTE ATC AUTOMATIC LANDING CONTROL MICROBALLOONS GLOBULES ∞ SYSTEMS AIRSHIPS ALPHA JET AIRCRAFT LASERS SPHERES MICROWEIGHING
USE WEIGHT MEASUREMENT ANTISUBMARINE WARFARE AIRCRAFT ARMED FORCES ARMED FORCES (FOREIGN) **TARGETS** MICROCHANNELS ARMED FORCES (UNITED STATES) ATTACK AIRCRAFT ATTACKING (ASSAULTING) MIDAIR COLLISIONS
GS COLLISIONS FREQUENCIES IMAGE CONVERTERS MIDAIR COLLISIONS LIGHT AMPLIFIERS
MICROCHANNEL PLATES .. BIRD-AIRCRAFT COLLISIONS AIR TRAFFIC CONTROL AWACS AIRCRAFT B-1 AIRCRAFT RT MULTI-ANODE MICROCHANNEL ARRAYS AIRCRAFT ACCIDENTS AIRCRAFT HAZARDS AIRCRAFT SAFETY BOMBER AIRCRAFT C-1A AIRCRAFT CARGO AIRCRAFT NIGHT VISION
OPTICAL EQUIPMENT PHOTOCATHODES
ULTRAVIOLET RADIATION CAHGO AIHOHAFI CH-82 HELICOPTER CL-800 CHALLENGER AIRCRAFT DRONE AIRCRAFT DRONE VEHICLES E-2 AIRCRAFT BEACON COLLISION AVOIDANCE SYSTEM COLLISION AVOIDANCE MICROGRAPHY
USE PHOTOMICROGRAPHY CRASHES FLIGHT HAZARDS FLIGHT SAFETY E-3A AIRCRAFT E-3A AIRCRAFT
FIGHTER AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT
FV-12A AIRCRAFT
GLIDERS PILOT FRROR MICROINSTRUMENTATION THREAT EVALUATION MEASURING INSTRUMENTS
MICROELECTRONICS

MIDCOURSE GUIDANCE

GS

RΤ

GUIDANCE (MOTION)
. MIDCOURSE GUIDANCE
COMMAND GUIDANCE

MICROMINIATURIZATION

MICROMANOMETERS

MANOMETERS

GROUND EFFECT MACHINES

H-60 HELICOPTER

# **MILITARY AVIATION**

MILITA	RY AIRCRAFT-(CONT.)	MILITA	ARY HELICOPTERS-(CONT.)	MIRAGI	E AIRCRAFT
	HARRIER AIRCRAFT		Westland Whirliwind	GS	ATTACK AIRCRAFT
	HELICOPTERS JAGUAR AIRCRAFT		HELICOPTER		. FIGHTER AIRCRAFT
	JET AIRCRAFT	RT	XV-9A AIRCRAFT		MIRAGE AIRCRAFT
	LIGHT AIRCRAFT	N.	ATTACK AIRCRAFT		DASSAULT AIRCRAFT
	∞MILITARY AVIATION		LIGHT HELICOPTERS		MIRAGE AIRCRAFT
	MILITARY HELICOPTERS		∞ MILITARY AIRCRAFT		. MIRAGE 3 AIRCRAFT
	MRCA AIRCRAFT		RECONNAISSANCE AIRCRAFT		JET AIRCRAFT
	NUCLEAR PROPELLED AIRCRAFT				. MIRAGE AIRCRAFT
	OBSERVATION AIRCRAFT PANAVIA MILITARY AIRCRAFT	MILITA	RY OPERATIONS		MIRAGE 3 AIRCRAFT
	PASSENGER AIRCRAFT	GS	MILITARY OPERATIONS		MONOPLANES
	PILOTLESS AIRCRAFT		. COMBAT		. MIRAGE AIRCRAFT MIRAGE 3 AIRCRAFT
	RECONNAISSANCE AIRCRAFT	RT	. ELECTRONIC WARFARE		OBSERVATION AIRCRAFT
	RESEARCH AIRCRAFT	n:	DEPLOYMENT TACTICS		. MIRAGE AIRCRAFT
	ROTARY WING AIRCRAFT S-3 AIRCRAFT		TANKS (COMBAT VEHICLES)		MIRAGE 3 AIRCRAFT
	SHORT TAKEOFF AIRCRAFT		Thinks (Company Vermoces)		RECONNAISSANCE AIRCRAFT
	SR-71 AIRCRAFT	. MILITA	RY VEHICLES		. MIRAGE AIRCRAFT MIRAGE 3 AIRCRAFT
	SUBMERSIBLE AIRCRAFT	SN	(USE OF A MORE SPECIFIC TERM IS		SINGLE ENGINE AIRCRAFT
	TAILLESS AIRCRAFT	•	RECOMMENDED-CONSULT THE TERMS		MIRAGE AIRCRAFT
	TANKER AIRCRAFT		LISTED BELOW)		MIRAGE 3 AIRCRAFT
	TARGET DRONE AIRCRAFT	AT	AEROQUATIC VEHICLES		SUPERSONIC AIRCRAFT
	TERRAIN FOLLOWING AIRCRAFT TRAINING AIRCRAFT		AIRCRAFT CARRIERS		. MIRAGE AIRCRAFT
	TRANSPORT AIRCRAFT		AMBULANCES AMPHIBIOUS VEHICLES		MIRAGE 3 AIRCRAFT
	UTILITY AIRCRAFT		ARMED FORCES	MIDAGE	3 AIRCRAFT
	V-22 AIRCRAFT		ARMED FORCES (FOREIGN)	UF	DASSAULT MIRAGE 3 AIRCRAFT
	V/STOL AIRCRAFT		ARMED FORCES (UNITED STATES)	ĞS	ATTACK AIRCRAFT
	VERTICAL TAKEOFF AIRCRAFT		AUTOMOBILES		FIGHTER AIRCRAFT
	WEAPON SYSTEMS YC-14 AIRCRAFT		BOATS		MIRAGE AIRCRAFT
	YF-12 AIRCRAFT		MILITARY SPACECRAFT		MIRAGE 3 AIRCRAFT
	YF-16 AIRCRAFT		RECOVERY VEHICLES RESEARCH VEHICLES		DASSAULT AIRCRAFT
			SHIPS		MIRAGE AIRCRAFT  MIRAGE 3 AIRCRAFT
MII ITAI	RY AVIATION		SUBMARINES		JET AIRCRAFT
SN	(USE OF A MORE SPECIFIC TERM IS		TANKS (COMBAT VEHICLES)		MIRAGE AIRCRAFT
	RECOMMENDED-CONSULT THE TERMS		TRUCKS		MIRAGE 3 AIRCRAFT
	LISTED BELOW)		UNDERWATER VEHICLES		MONOPLANES
RT	AERONAUTICS		WATER VEHICLES		MIRAGE AIRCRAFT
	AIR LAW ARMED FORCES		WATER VERIOCES		OBSERVATION AIRCRAFT
	AVIATION METEOROLOGY	MII ME	METHOD		. MIRAGE AIRCRAFT
	BOMBER AIRCRAFT	GS	ANALYSIS (MATHEMATICS)		MIRAGE 3 AIRCRAFT
	FIGHTER AIRCRAFT	<b>3</b> 0	. NUMERICAL ANALYSIS		RECONNAISSANCE AIRCRAFT
	∞ MILITARY AIRCRAFT		APPROXIMATION		. MIRAGE AIRCRAFT
	RECONNAISSANCE AIRCRAFT		MILNE METHOD		MIRAGE 3 AIRCRAFT
					CINICI E ENCINE AIDODAFT
		RT	DIFFERENTIAL EQUATIONS		SINGLE ENGINE AIRCRAFT
	Y HELICOPTERS				. MIRAGE AIRCRAFT
WILITAF GS	IY HELICOPTERS V/STOL AIRCRAFT		DIFFERENTIAL EQUATIONS • METHODOLOGY		
	I <b>Y HELICOPTERS</b> V/STOL AIRCRAFT  . ROTARY WING AIRCRAFT	MILNE-1	DIFFERENTIAL EQUATIONS    METHODOLOGY  THOMSON METHOD		. MIRAGE AIRCRAFT MIRAGE 3 AIRCRAFT
	IY HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  - HELICOPTERS	MILNE-1	DIFFERENTIAL EQUATIONS  METHODOLOGY  FHOMSON METHOD  INCOMPRESSIBLE FLOW		. MIRAGE AIRCRAFT . MIRAGE 3 AIRCRAFT SUPERSONIC AIRCRAFT . MIRAGE AIRCRAFT . MIRAGE 3 AIRCRAFT
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	IV HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-1G HELICOPTER  BELL 214A HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-34 HELICOPTER  CH-34 HELICOPTER  CH-34 HELICOPTER  CH-47 HELICOPTER  CH-54 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-53 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-41 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-50 HELICOPTER  H-41 HELICOPTER  H-42 HELICOPTER  H-43 HELICOPTER  H-44 HELICOPTER  H-44 HELICOPTER  H-45 HELICOPTER  H-47 HELICOPTER  H-48 HELICOPTER  H-49 HELICOPTER	MILNE-TRT  MINER USE  MINIMU GS  RT  MINOR GS  RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  FHOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG INMINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANICEM MINUTEMAN MISSILES MISSILES	GS RT  MISSILE GS  RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT TAILLES AIRCRAFT TAILLES AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  STANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE COMPONENTS MISSILE ANTENNAS AIRCRAFT ANTENNAS DIRECTIONAL ANTENNAS MICROWAVE ANTENNAS BODIES MISSILE CASES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE CASES MISSILE COMPONENTS MISSILE CASES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS AIRFRAMES AIRFRAMES AXISYMMETRIC BODIES
	VY HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-34 HELICOPTER  CH-44 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-54 HELICOPTER  H-55 HELICOPTER  H-56 HELICOPTER  H-67 HELICOPTER  H-68 HELICOPTER  H-78 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  H-82 HELICOPTER  H-83 HELICOPTER  H-84 HELICOPTER  H-84 HELICOPTER  H-84 HELICOPTER  H-84 HELICOPTER  H-85 HELICOPTER  H-86 HELICOPTER  H-86 HELICOPTER  H-87 HELICOPTER  H-88 HELICOPTER  H-89 HELICOPTER  H-89 HELICOPTER  H-80 HELICOPTER  OH-8 HELICOPTER  OH-8 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES	GS RT MISSILE GS RT MISSILE UF GS RT	MIRAGE AIRCRAFT  . MIRAGE 3 AIRCRAFT  SUPERSONIC AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MISS DISTANCE  ACCURACY  AIR TO SURFACE MISSILES  ANTENNAS  ANTENNAS  . MISSILE ANTENNAS  MISSILE COMPONENTS  . MISSILE ANTENNAS  DIRECTIONAL ANTENNAS  MICROWAYE ANTENNAS  MISSILE COMPONENTS  . MISSILE BODIES  AIRCRAFT  AI
	VY HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-3 HELICOPTER  CH-44 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-67 HELICOPTER  H-78 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  H-81 HELICOPTER  H-82 HELICOPTER  H-83 HELICOPTER  H-84 HELICOPTER  H-84 HELICOPTER  H-85 HELICOPTER  H-86 HELICOPTER  H-87 HELICOPTER  H-88 HELICOPTER  OH-8 HELICOPTER  OH-8 HELICOPTER  OH-13 HELICOPTER  OH-13 HELICOPTER  OH-13 HELICOPTER  OH-28 HELICOPTER  OH-13 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES INTERCONTINENTAL BALLISTIC	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT  MISS DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE COMPONENTS MISSILE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MISSILE CASES MISSILE COMPONENTS MISSILE CASES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE DODIES AIRFRAMES AXISYMMETRIC BODIES BLUNT BODIES BODIES BODIES
	VY MELICOPTERS  V/STOL AIRCRAFT ROTARY WING AIRCRAFT HELICOPTERS MILITARY HELICOPTERS AH-1G HELICOPTER BELL 214A HELICOPTER BO-105 HELICOPTER CH-3 HELICOPTER CH-34 HELICOPTER CH-46 HELICOPTER CH-47 HELICOPTER CH-47 HELICOPTER CH-48 HELICOPTER H-19 HELICOPTER H-54 HELICOPTER H-54 HELICOPTER H-54 HELICOPTER H-55 HELICOPTER H-56 HELICOPTER H-56 HELICOPTER H-57 HELICOPTER H-60 HELICOPTER H-60 HELICOPTER H-61 HELICOPTER H-63 HELICOPTER H-63 HELICOPTER H-64 HELICOPTER H-64 HELICOPTER H-67 HELICOPTER H-68 HELICOPTER H-68 HELICOPTER OH-6 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG I. MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT I. MINOR CIRCLE TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES I. INTERCONTINENTAL BALLISTIC MISSILES	GS RT  MISSILE GS  RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  STANCE DISTANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MISSILE COMPONENTS MISSILE CASES MISSILE COMPONENTS MISSILE DODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE BODIES AIRFRAMES AXISYMMETRIC BODIES BLUNT BODIES BODIES CASES (CONTAINERS)
	V HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-31 HELICOPTER  CH-43 HELICOPTER  CH-44 HELICOPTER  CH-46 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-60 HELICOPTER  H-60 HELICOPTER  H-61 HELICOPTER  H-62 HELICOPTER  H-63 HELICOPTER  H-64 HELICOPTER  H-64 HELICOPTER  H-65 HELICOPTER  OH-6 HELICOPTER  OH-18 HELICOPTER  OH-5 HELICOPTER  OH-5 HELICOPTER  OH-6 HELICOPTER  OH-18 HELICOPTER  OH-19 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT  . MIRAGE 3 AIRCRAFT  SUPERSONIC AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  TAILLESS AIRCRAFT  . MIRAGE 3 AIRCRAFT  ANTENNAS  ANTENNAS  . MISSILE ANTENNAS  MISSILE COMPONENTS  . MISSILE ANTENNAS  DIRECTIONAL ANTENNAS  MICRAFT ANTENNAS  MICROWAVE ANTENNAS  MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE BODIES  AIRCRAFT  AXISYMMETRIC BODIES  BLUNT BODIES  BODIES  CASES (CONTAINERS)  FINNED BODIES
	W HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-34 HELICOPTER  CH-44 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-60 HELICOPTER  H-70 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  H-82 HELICOPTER  H-83 HELICOPTER  OH-64 HELICOPTER  OH-65 HELICOPTER  OH-67 HELICOPTER  OH-68 HELICOPTER  OH-69 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG . MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . MINUTEMAN ICBM . SURFACE TO SURFACE MISSILES	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE AIRCRAFT  MIRAGE AIRCRAFT  MIRAGE DISTANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE COMPONENTS MISSILE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MISSILE CASES MISSILE COMPONENTS MISSILE DODIES MISSILE DODIES MISSILE DODIES BUINT BODIES BODIES CASES (CONTAINERS) FINNED BODIES FINNED BODIES ROCKET ENGINE CASES
	IV HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-1G HELICOPTER  BELL 214A HELICOPTER  BO-105 HELICOPTER  CH-31 HELICOPTER  CH-34 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-54 HELICOPTER  H-54 HELICOPTER  H-54 HELICOPTER  H-55 HELICOPTER  H-56 HELICOPTER  H-57 HELICOPTER  H-58 HELICOPTER  H-69 HELICOPTER  H-60 HELICOPTER  H-60 HELICOPTER  H-61 HELICOPTER  H-63 HELICOPTER  H-64 HELICOPTER  H-64 HELICOPTER  H-67 HELICOPTER  H-68 HELICOPTER  OH-68 HELICOPTER  OH-61 HELICOPTER  OH-61 HELICOPTER  OH-61 HELICOPTER  OH-61 HELICOPTER  OH-63 HELICOPTER  OH-65 HELICOPTER  OH-68 HELICOPTER  OH-68 HELICOPTER  OH-68 HELICOPTER  OH-50 HELICOPTER  S-68 HELICOPTER  S-68 HELICOPTER  OH-50 HELICOPTER  OH-50 HELICOPTER  S-68 HELICOPTER  S-68 HELICOPTER  S-68 HELICOPTER  S-68 HELICOPTER  S-68 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES INTERCONTINENTAL BALLISTIC MISSILES	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT  . MIRAGE 3 AIRCRAFT  SUPERSONIC AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MIRAGE 3 AIRCRAFT  TAILLESS AIRCRAFT  . MIRAGE 3 AIRCRAFT  ANTENNAS  ANTENNAS  . MISSILE ANTENNAS  MISSILE COMPONENTS  . MISSILE ANTENNAS  DIRECTIONAL ANTENNAS  MICRAFT ANTENNAS  MICROWAVE ANTENNAS  MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE COMPONENTS  . MISSILE BODIES  AIRCRAFT  AXISYMMETRIC BODIES  BLUNT BODIES  BODIES  CASES (CONTAINERS)  FINNED BODIES
	W HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-34 HELICOPTER  CH-44 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-60 HELICOPTER  H-70 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  H-82 HELICOPTER  H-83 HELICOPTER  OH-64 HELICOPTER  OH-65 HELICOPTER  OH-67 HELICOPTER  OH-68 HELICOPTER  OH-69 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM MINUTEMAN ICBM SURFACE TO SURFACE MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM MINUTEMAN ICBM MINUTEMAN ICBM	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT MIRAGE 3 AIRCRAFT STANCE DISTANCE DISTANCE CURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS AIRCRAFT ANTENNAS DIRECTIONAL ANTENNAS MICROWAVE ANTENNAS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENT
	IV HELICOPTERS  V/STOL AIRCRAFT ROTARY WING AIRCRAFT HELICOPTERS MILITARY HELICOPTERS AH-1G HELICOPTER BELL 214A HELICOPTER BO-105 HELICOPTER CH-3 HELICOPTER CH-34 HELICOPTER CH-47 HELICOPTER CH-47 HELICOPTER CH-47 HELICOPTER CH-48 HELICOPTER CH-49 HELICOPTER CH-54 HELICOPTER H-19 HELICOPTER H-53 HELICOPTER H-54 HELICOPTER H-56 HELICOPTER H-56 HELICOPTER H-60 HELICOPTER H-78 HELICOPTER H-80 HELICOPTER H-80 HELICOPTER H-80 HELICOPTER CH-82 HELICOPTER CH-82 HELICOPTER OH-8 HELICOPTER OH-13 HELICOPTER OH-13 HELICOPTER OH-13 HELICOPTER OH-13 HELICOPTER OH-16 HELICOPTER OH-16 HELICOPTER OH-17 HELICOPTER OH-18 HELICOPTER OH-19 HELICOPTER S-19 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS . DRAG . MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . MINUTEMAN ICBM M-55 ENGINE	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT  STANCE DISTANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS DIRECTIONAL ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS DIRECTIONAL ANTENNAS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE DODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE DODIES MISSILE COMPONENTS MISSILE COMPONENT
	VY HELICOPTERS  V/STOL AIRCRAFT ROTARY WING AIRCRAFT HELICOPTERS MILITARY HELICOPTER AH-84 HELICOPTER BOLIOS HELICOPTER BOLIOS HELICOPTER CH-34 HELICOPTER CH-34 HELICOPTER CH-46 HELICOPTER CH-47 HELICOPTER CH-47 HELICOPTER CH-48 HELICOPTER CH-47 HELICOPTER CH-48 HELICOPTER H-19 HELICOPTER H-19 HELICOPTER H-19 HELICOPTER H-3 HELICOPTER H-56 HELICOPTER H-56 HELICOPTER H-56 HELICOPTER H-60 HELICOPTER H-80 HELICOPTER H-80 HELICOPTER H-80 HELICOPTER CH-62 HELICOPTER OH-64 HELICOPTER OH-18 HELICOPTER OH-5 HELICOPTER OH-5 HELICOPTER OH-18 HELICOPTER OH-19 HELICOPTER S-19 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES BALLISTIC MISSILES MINUTEMAN ICBM SUPFACE TO SURFACE MISSILES MINUTEMAN ICBM M-55 ENGINE M-55 ENGINE	GS RT  MISSILE GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT  . MIRAGE 3 AIRCRAFT  SUPERSONIC AIRCRAFT  . MIRAGE 3 AIRCRAFT  . MISS DISTANCE  ACCURACY  AIR TO SURFACE MISSILES  ANTENNAS  . MISSILE ANTENNAS  MISSILE COMPONENTS  . MISSILE ANTENNAS  AIRCRAFT ANTENNAS  DIRECTIONAL ANTENNAS  MISSILE COMPONENTS  . MISSILE CASES  MISSILE COMPONENTS  . MISSILE DOIES  AXISYMMETRIC BODIES  BLUNT BODIES  BODIES  CASES (CONTAINERS)  FINNED BODIES  ROCKET ENGINE CASES  SLENDER BODIES  STREAMLINED BODIES  STREAMLINED BODIES
	VY HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTERS  AH-16 HELICOPTER  BALL 214A HELICOPTER  BO-105 HELICOPTER  CH-3 HELICOPTER  CH-41 HELICOPTER  CH-44 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-19 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-63 HELICOPTER  H-63 HELICOPTER  H-63 HELICOPTER  H-64 HELICOPTER  H-64 HELICOPTER  H-67 HELICOPTER  H-69 HELICOPTER  OH-68 HELICOPTER  OH-69 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-63 HELICOPTER  S-63 HELICOPTER  S-63 HELICOPTER  S-64 HELICOPTER  S-65 HELICOPTER  S-65 HELICOPTER  S-65 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-63 HELICOPTER  S-64 HELICOPTER  S-65 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM MISSILES MISSILES	MISSILE UF GS RT  MISSILE UF GS RT	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  TAILLESS AIRCRAFT  TAILLESS AIRCRAFT  TAILLESS AIRCRAFT  TAILLESS AIRCRAFT  MISS DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE COMPONENTS MISSILE ANTENNAS DIRECTIONAL ANTENNAS MICROWAVE ANTENNAS  BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES BLUNT BODIES BLUNT BODIES BLUNT BODIES BODIES CASES (CONTAINERS) FINNED BODIES STREAMLINED BODIES STREAMLINED BODIES STREAMLINED BODIES  CASES CASES MISSILE BODIES
	IV HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTER  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-21 HELICOPTER  CH-21 HELICOPTER  CH-34 HELICOPTER  CH-34 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  CH-54 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-60 HELICOPTER  H-60 HELICOPTER  CH-62 HELICOPTER  H-78 HELICOPTER  H-89 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  CH-82 HELICOPTER  OH-81 HELICOPTER  OH-66 HELICOPTER  OH-66 HELICOPTER  OH-67 HELICOPTER  OH-68 HELICOPTER  OH-68 HELICOPTER  OH-50 HELICOPTER  S-56 HELICOPTER  S-56 HELICOPTER  S-51 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS . DRAG . MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT . MINOR CIRCLE TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . INTERCONTINENTAL BALLISTIC MISSILES . MINUTEMAN ICBM M-55 ENGINE M-55 ENGINE M-57 ENGINE M-57 ENGINE MULTISTAGE ROCKET VEHICLES	GS RT  MISSILE GS RT  MISSILE UF GS RT  MISSILE USE	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE AIRCRAFT MIRAGE AIRCRAFT TAILLESS AIRCRAFT TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MISSILE CASES MISSILE COMPONENTS MISSILE CASES MISSILE BODIES AIRFRAMES AXISYMMETRIC BODIES BLUNT BODIES BODIES CASES (CONTAINERS) FINNED BODIES ROCKET ENGINE CASES SLENDER BODIES CASES MISSILE BODIES CASES MISSILE BODIES CASES MISSILE BODIES COMPONENTS
	VY HELICOPTERS  V/STOL AIRCRAFT ROTARY WING AIRCRAFT HELICOPTERS MILITARY HELICOPTER AH-84 HELICOPTER BOLIOS HELICOPTER BOLIOS HELICOPTER CH-34 HELICOPTER CH-43 HELICOPTER CH-46 HELICOPTER CH-47 HELICOPTER CH-47 HELICOPTER CH-48 HELICOPTER CH-48 HELICOPTER CH-49 HELICOPTER CH-40 HELICOPTER H-19 HELICOPTER H-19 HELICOPTER H-19 HELICOPTER H-53 HELICOPTER H-56 HELICOPTER H-56 HELICOPTER H-50 HELICOPTER H-60 HELICOPTER H-60 HELICOPTER CH-62 HELICOPTER OH-64 HELICOPTER OH-18 HELICOPTER OH-56 HELICOPTER OH-56 HELICOPTER OH-56 HELICOPTER OH-57 HELICOPTER OH-58 HELICOPTER OH-59 HELICOPTER OH-59 HELICOPTER OH-50 HELICOPTER OH-51 HELICOPTER OH-51 HELICOPTER OH-52 HELICOPTER OH-53 HELICOPTER OH-56 HELICOPTER OH-57 HELICOPTER OH-58 HELICOPTER S-58 HELICOPTER S-59 HELICOPTER S-61 HELICOPTER S-61 HELICOPTER S-61 HELICOPTER SA-321 HELICOPTER SA-321 HELICOPTER SA-321 HELICOPTER SA-321 HELICOPTER SA-321 HELICOPTER SA-321 HELICOPTER SA-330 HELICOPTER SA-34 HELICOPTER SA-35 HELICOPTER SA-35 HELICOPTER SA-36 HELICOPTER SA-37 HELICOPTER SA-37 HELICOPTER SA-38 HELICOPTER SA-38 HELICOPTER SA-39 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES MISSILES INTERCONTINENTAL BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM MISSILES MISSILES	GS RT MISSILE GS RT MISSILE UF GS RT MISSILE USE MISSILE GS	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  STANCE DISTANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS DIRECTIONAL ANTENNAS MICROWAVE ANTENNAS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS SURFACE MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES CASES (CONTAINERS) FINNED BODIES ROCKET ENGINE CASES SLENDER BODIES STREAMLINED BODIES CASES MISSILE BODIES CASES MISSILE BODIES CASES MISSILE BODIES COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS
	IV HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTER  AH-16 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-21 HELICOPTER  CH-21 HELICOPTER  CH-34 HELICOPTER  CH-34 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  CH-54 HELICOPTER  H-19 HELICOPTER  H-53 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-60 HELICOPTER  H-60 HELICOPTER  CH-62 HELICOPTER  H-78 HELICOPTER  H-89 HELICOPTER  H-80 HELICOPTER  H-80 HELICOPTER  H-81 HELICOPTER  CH-82 HELICOPTER  OH-81 HELICOPTER  OH-66 HELICOPTER  OH-66 HELICOPTER  OH-67 HELICOPTER  OH-68 HELICOPTER  OH-68 HELICOPTER  OH-50 HELICOPTER  S-56 HELICOPTER  S-56 HELICOPTER  S-51 HELICOPTER	MILNE-TRY MINER USE MINIMUTE GS RT MINOR GS RT MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES BALLISTIC MISSILES BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM M-55 ENGINE M-56 ENGINE M-57 ENGINE MULTISTAGE ROCKET VEHICLES SOLID PROPELLANT ROCKET ENGINES	MISSILE USE	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT TAILLES AIRCRAFT TAILLES AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  TAILLES AIRCRAFT  MISS DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE COMPONENTS MISSILE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS MICROWAVE ANTENNAS BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES AIRFRAMES AIRFRAMES AIRFRAMES BLUNT BODIES BLUNT BODIES BODIES CASES (CONTAINERS) FINNED BODIES STREAMLINED BODIES STREAMLINED BODIES  CASES MISSILE BODIES  CASES MISSILE BODIES  CASES MISSILE BODIES  CASES MISSILE BODIES  MISSILE BODIES  COMPONENTS MISSILE BODIES  CASES MISSILE BODIES  CASES MISSILE BODIES  COMPONENTS MISSILE BODIES  COMPONENTS MISSILE ANTENNAS
	W HELICOPTERS  V/STOL AIRCRAFT  ROTARY WING AIRCRAFT  HELICOPTERS  MILITARY HELICOPTER  AH-84 HELICOPTER  BO-105 HELICOPTER  BO-105 HELICOPTER  CH-31 HELICOPTER  CH-34 HELICOPTER  CH-43 HELICOPTER  CH-45 HELICOPTER  CH-47 HELICOPTER  CH-47 HELICOPTER  H-19 HELICOPTER  H-39 HELICOPTER  H-54 HELICOPTER  H-56 HELICOPTER  H-56 HELICOPTER  H-63 HELICOPTER  H-84 HELICOPTER  H-84 HELICOPTER  H-95 HELICOPTER  H-47 HELICOPTER  H-48 HELICOPTER  H-49 HELICOPTER  H-59 HELICOPTER  H-50 HELICOPTER  H-69 HELICOPTER  OH-51 HELICOPTER  OH-52 HELICOPTER  OH-54 HELICOPTER  OH-56 HELICOPTER  OH-57 HELICOPTER  OH-58 HELICOPTER  OH-59 HELICOPTER  OH-59 HELICOPTER  OH-50 HELICOPTER  S-51 HELICOPTER  S-51 HELICOPTER  S-51 HELICOPTER  S-51 HELICOPTER  S-51 HELICOPTER  S-51 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-61 HELICOPTER  S-63 HELICOPTER  S-63 HELICOPTER  S-64 HELICOPTER  S-65 HELICOPTER  S-65 HELICOPTER  S-66 HELICOPTER  S-67 HELICOPTER  S-67 HELICOPTER  S-68 HELICOPTER  S-69 HELICOPTER	MILNE- RT  MINER USE  MINIMUTE GS  RT  MINOR GS  RT  MINUTE UF GS	DIFFERENTIAL EQUATIONS  METHODOLOGY  THOMSON METHOD INCOMPRESSIBLE FLOW  METHODOLOGY NAVIER-STOKES EQUATION VISCOUS FLOW  RULE PALMGREN-MINER RULE  M DRAG DYNAMIC CHARACTERISTICS DRAG MINIMUM DRAG AIRCRAFT PERFORMANCE FRICTION DRAG  CIRCLE TURNING FLIGHT TURNING FLIGHT TURNING FLIGHT AIRCRAFT CONTROL MANEUVERS  MAN ICBM MINUTEMAN MISSILES BALLISTIC MISSILES BALLISTIC MISSILES MINUTEMAN ICBM SURFACE TO SURFACE MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM MISSILES MINUTEMAN ICBM M-55 ENGINE M-56 ENGINE M-57 ENGINE MULTISTAGE ROCKET VEHICLES SOLID PROPELLANT ROCKET ENGINES	GS RT  MISSILE GS RT  MISSILE UF GS RT  MISSILE USE MISSILE GS	MIRAGE AIRCRAFT SUPERSONIC AIRCRAFT SUPERSONIC AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT TAILLESS AIRCRAFT TAILLESS AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT MIRAGE 3 AIRCRAFT  STANCE DISTANCE DISTANCE ACCURACY AIR TO SURFACE MISSILES  ANTENNAS ANTENNAS ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS MISSILE ANTENNAS DIRECTIONAL ANTENNAS MICROWAVE ANTENNAS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS SURFACE MISSILE COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS MISSILE BODIES CASES (CONTAINERS) FINNED BODIES ROCKET ENGINE CASES SLENDER BODIES STREAMLINED BODIES CASES MISSILE BODIES CASES MISSILE BODIES CASES MISSILE BODIES COMPONENTS MISSILE COMPONENTS MISSILE COMPONENTS

MISSILE TRACKING

TRACKING (POSITION)
. MISSILE TRACKING LAUNCHERS FINS . MISSILE LAUNCHERS
.. MOBILE MISSILE LAUNCHERS
BALLISTIC MISSILE SUBMARINES NOSE CONES INFRARED TRACKING WARHEADS LASER TARGET DESIGNATORS
POLYSTATION DOPPLER TRACKING RT CATAPULTS
GROUND SUPPORT EQUIPMENT SYSTEM MISSILE CONFIGURATIONS E CONFIGURATIONS
MISSILE CONFIGURATIONS
. SANDPIPER TARGET MISSILE
AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
CONFIGURATIONS
HAMMERHEAD CONFIGURATION
LAUNCH VEHICLE CONFIGURATIONS
MISSILES GROUND SUPPORT GUN LAUNCHERS LAUNCH VEHICLES LAUNCHING LAUNCHING SITES MISSILES RANGE AND RANGE RATE TRACKING SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING TRACKING NETWORKS
TRACKING STATIONS ROCKET LAUNCHERS SEA LAUNCHING WEAPON SYSTEMS MISSILES
MULTIENGINE VEHICLES
PATRIOT MISSILE MISSILE TRAJECTORIES TRAJECTORIES
. MISSILE TRAJECTORIES GS MISSILE RANGES
SN (EXCLUDES DISTANCE OF MISSILE TRAVEL) PROPULSION SYSTEM CONFIGURATIONS ASCENT TRAJECTORIES ROCKET ENGINES ROCKET VEHICLES BALLISTIC TRAJECTORIES COBRA DANE (RADAR) DESCENT TRAJECTORIES RANGES (FACILITIES)
. TEST RANGES
. MISSILE RANGES GS MISSILE CONSTRUCTION
USE MISSILE STRUCTURES FLIGHT MECHANICS FLIGHT PATHS IMPACT PREDICTION TEST FACILITIES TEST RANGES . TEST HANGES
. MISSILE RANGES
BALLISTIC RANGES
DOWNRANGE
HYPERSONIC TEST APPARATUS CONTROL PARABOLIC FLIGHT REENTRY TRAJECTORIES SPINNING UNGUIDED ROCKET RT MISSILE GUIDANCE MISSILE STABILIZATION UF MISSILE STABILIZATION
ACTUATORS
ANALOG COMPUTERS
ATTITUDE CONTROL
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
BEAM RIDER GUIDANCE TRAJECTORY
UNDERWATER TRAJECTORIES MISSII ES RANGE SAFETY REENTRY RANGE MISSILE VIBRATION MISSILE SIGNATURES VIBRATION SIGNATURES
. MISSILE SIGNATURES STRUCTURAL VIBRATION . MISSILE VIBRATION CONTROL GS DIRECTIONAL CONTROL FLIGHT CONTROL GROUND BASED CONTROL DETECTION SIGNATURE ANALYSIS TARGET RECOGNITION BENDING VIBRATION BREATHING VIBRATION RT FLUTTER HOMING LINEAR VIBRATION
RANDOM VIBRATION
SELF INDUCED VIBRATION LASER GUIDANCE LATERAL CONTROL LONGITUDINAL CONTROL MISSILE SIMULATORS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN SUPERSONIC FLUTTER TORSIONAL VIBRATION TRANSONIC FLUTTER MISSILES
RADAR HOMING MISSILES
RADIO CONTROL HECOMMENDED CONSULT TO LISTED BELOW) COMPUTERIZED SIMULATION FLIGHT SIMULATORS MATHEMATICAL MODELS RT REMOTE CONTROL
ROCKET ENGINE CONTROL
SPACECRAFT CONTROL MISSILES MISSILES SIMULATORS MISSILES STAR TRACKERS
THRUST VECTOR CONTROL AIR SLEW MISSILES
AIR TO AIR MISSILES TRAINING SIMULATORS AIR TO AIR MISSILES
. FALCON MISSILE
. MATRA MISSILE
. SIDEWINDER MISSILES
. SPARROW MISSILES
. SPARROW 2 MISSILE
. SPARROW 3 MISSILE
AIR TO SURFACE MISSILES
. BULLPUP MISSILES
. CONDOR MISSILE
. HARPOON MISSILE
. HOUND DOG MISSILE
. HOUND DOG MISSILE
. MAVERICK MISSILES VISUAL CONTROL WIND TUNNEL MODELS MISSILE DEFENSE MISSILE STABILIZATION
USE MISSILE CONTROL
STABILIZATION DEFENSE
(SYSTEMS DESIGNED TO PROTECT
MISSILES AGAINST ATTACK)
ANTIMISSILE DEFENSE
ANTIMISSILE MISSILES SN AT MISSILE STORAGE ANTIRADIATION MISSILES
BALLISTIC MISSILE DECOYS
DEFENSE GROUND SUPPORT EQUIPMENT MOBILE MISSILE LAUNCHERS RT PROPELLANT STORAGE STORAGE DEFENSE INDUSTRY DEFENSE PROGRAM HARDENING (SYSTEMS) MAVERICK MISSILES QUAIL MISSILE SHRIKE MISSILE UNDERGROUND STORAGE MILITARY TECHNOLOGY MISSILES MISSILE STRUCTURES ANTELOPE MISSILE ANTIAIRCRAFT MISSILES MISSILES
OPTICAL COUNTERMEASURES
REENTRY DECOYS
SAFEGUARD SYSTEM
WEAPONS DELIVERY ЦE MISSILE CONSTRUCTION RT **AIRFRAMES** BOMARC MISSILES ∞ STRUCTURES FALCON MISSILE
MAULER MISSILE
NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
REDEYE MISSILE TAIL ASSEMBLIES MISSILE DESIGN MISSILE SYSTEMS

GS WEAPON SYSTEMS AEROSPACE ENGINEERING AIRCRAFT DESIGN COMPUTER AIDED DESIGN MISSILE SYSTEMS SIAM MISSILES SIDEWINDER MISSILES NIKE X SYSTEMS SAFEGUARD SYSTEM ∞ DESIGN . TARTAR MISSILE . TERRIER MISSILE ANTIMISSILE MISSILES AEROSPACE SYSTEMS
BEAM RIDER GUIDANCE
MOBILE MISSILE LAUNCHERS
RADAR HOMING MISSILES

SYSTEMS ∞ DEVELOPMENT RT ENGINE DESIGN FLIGHT TESTS MAULER MISSILE NIKE-ZEUS MISSILE SPARTAN MISSILE FUNCTIONAL DESIGN SPECIFICATIONS MAGNUS EFFECT RELIABILITY STRUCTURAL DESIGN SYSTEMS ENGINEERING . SPRINT MISSILE ANTIRADIATION MISSILES MISSILE TESTS ANTISHIP MISSILES
BALLISTIC MISSILES
. FIELD ARMY BALLISTIC MISSILES CAPTIVE TESTS ENGINE TESTS FLIGHT TESTS MISSILE DETECTION GS DETECTION **FUEL TESTS** SUBROC MISSILE MISSILE DETECTION GROUND TESTS INTERCONTINENTAL BALLISTIC . . RADAR DETECTION EARLY WARNING SYSTEMS MISSILES MISSILES
ATLAS ICBM
. ATLAS D ICBM
. ATLAS E ICBM
. ATLAS F ICBM
MINUTEMAN ICBM RT PRELAUNCH TESTS ELECTRONIC WARFARE IDENTIFYING PROPELLANT TESTS STABILITY TESTS TARGET ACQUISITION TARGET RECOGNITION STATIC TESTS TEST FIRING TEST VEHICLES TITAN ICBM

TESTS

WIND TUNNEL STABILITY TESTS

MISSILE LAUNCHERS

MISSILE COMPONENTS-(CONT.)

MISSILE GUIDANCE

MISSILE CONTROL

.... TITAN 1 ICBM

TITAN 2 ICBM

# MISSION ADAPTIVE WINGS

MISSILES-(CONT.)	MISSILES-(CONT.)	MIXING-(CONT.)
INTERMEDIATE RANGE BALLISTIC	GUIDANCE (MOTION)	RT AERATION
MISSILES	HOMING DEVICES	AGITATION
BLUE STREAK MISSILE	HYPERSONIC FLIGHT	BLOWING
JUPITER MISSILE	INCENDIARY AMMUNITION	CHOKES
POLARIS MISSILES	LAUNCH VEHICLES	DIFFUSION
POLARIS A1 MISSILE	LAUNCHING SITES MISSILE CONFIGURATIONS	DILUTION GRINDING (COMMINUTION)
POLARIS A2 MISSILE POLARIS A3 MISSILE	MISSILE CONTROL	JET MIXING FLOW
. PERSHING MISSILE	MISSILE DEFENSE	LIQUID INJECTION
POSEIDON MISSILES	MISSILE LAUNCHERS	METAL POWDER
SHORT RANGE BALLISTIC MISSILES	MISSILE RANGES	MIXERS
. SKYBOLT MISSILE	∞ MISSILE SIMULATORS	MIXING LAYERS (FLUIDS)
V-2 MISSILE	MISSILE TESTS	MIXTURES
. BLUE STEEL MISSILE	MULTIENGINE VEHICLES	PREMIXED FLAMES
. BUMBLEBEE PROJECT	NIKE X SYSTEMS	∞ SEPARATION
. CORVUS MISSILE	NUCLEAR WEAPONS	SHAKING
. OSPREY MISSILE	PLASMA SHEATHS	SPRAYING
. PRECISION GUIDED PROJECTILES	PROPULSION	SWIRLING
RADAR HOMING MISSILES	REENTRY MELHOLES	TANGLING
. RAMJET MISSILES	REENTRY VEHICLES	TRAPPED VORTICES TURBULENCE
NAVAHO MISSILE	ROCKET CATAPULTS ROCKET ENGINES	VORTICES
SUPERSONIC LOW ALTITUDE MISSILE	ROCKET PROPELLANTS	VONTIOES
. SANDPIPER TARGET MISSILE . SS-11 MISSILE	∞ ROCKETS	
. SURFACE TO AIR MISSILES	∞SCRAM	MIXING LAYERS (FLUIDS)
. BLUE GOOSE MISSILE	SPACECRAFT LAUNCHING	RT ADVECTION
BOMARC MISSILES	SPIN STABILIZATION	ATMOSPHERIC BOUNDARY LAYER
BOMARC A MISSILE	STAGE SEPARATION	ATMOSPHERIC STRATIFICATION BOUNDARY LAYERS
BOMARC B MISSILE	SUPERSONIC COMBUSTION RAMJET	CONVECTION
CHAPARRAL MISSILE	ENGINES	EKMAN LAYER
HAWK MISSILE	SUPERSONIC FLIGHT	JET MIXING FLOW
MAULER MISSILE	TERMINAL BALLISTICS	LAMINAR MIXING
NIKE MISSILES	TEST VEHICLES	∞LAYERS
NIKE-AJAX MISSILE	TORPEDOES	MIXING
NIKE-HERCULES MISSILE	TRAJECTORIES	MIXING LENGTH FLOW THEORY
NIKE-ZEUS MISSILE	TRANSPORTATION	SHEAR LAYERS
PATRIOT MISSILE	∞ VEHICLES	TURBULENT BOUNDARY LAYER
REDEYE MISSILE	WARHEADS WEAPON SYSTEMS	TURBULENT MIXING
SPRINT MISSILE TALOS MISSILE	WEAPONS	TWO FLUID MODELS
TARTAR MISSILE	∞ WINGED VEHICLES	
TERRIER MISSILE	WITH GED TELL MODELS	MIXING LENGTH FLOW THEORY
SURFACE TO SURFACE MISSILES	MISSION ADAPTIVE WINGS	GS FLOW THEORY
. ANTITANK MISSILES	GS AIRFOILS	. MIXING LENGTH FLOW THEORY
SHILLELAGH MISSILES	. WINGS	KINETIC THEORY
TOW MISSILES	MISSION ADAPTIVE WINGS	. TRANSPORT THEORY
CORPORAL MISSILE		. MIXING LENGTH FLOW THEORY
CRUISE MISSILES	RT ADAPTIVE CONTROL F-111 AIRCRAFT	RT MIXING LAYERS (FLUIDS)
	F-111 AIRCRAFT	SHEAR FLOW
CRUISE MISSILES NAVAHO MISSILE TOMAHAWK MISSILES		SHEAR FLOW ∞THEORIES
. CRUISE MISSILES NAVAHO MISSILE TOMAHAWK MISSILES FLEET BALLISTIC MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS	SHEAR FLOW ∞THEORIES TURBULENCE MODELS
CRUISE MISSILES NAVAHO MISSILE TOMAHAWK MISSILES FLEET BALLISTIC MISSILES POLARIS A1 MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES	SHEAR FLOW ∞THEORIES TURBULENCE MODELS TURBULENT FLOW
CRUISE MISSILES NAVAHO MISSILE TOMAHAWK MISSILES FLEET BALLISTIC MISSILES POLARIS A1 MISSILE POLARIS A2 MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS	SHEAR FLOW ∞ THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING
. Cruise Missiles . Navaho Missile . Tomahawk Missiles . Fleet Ballistic Missiles . Polaris at Missile . Polaris az Missile . Polaris As Missile	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER	SHEAR FLOW ∞THEORIES TURBULENCE MODELS TURBULENT FLOW
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER	SHEAR FLOW  THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES	SHEAR FLOW  STHEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE . INTERCONTINENTAL BALLISTIC	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW	SHEAR FLOW  ∞ THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE . INTERCONTINENTAL BALLISTIC MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE . INTERCONTINENTAL BALLISTIC . MISSILES . ATLAS LOBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW	SHEAR FLOW  THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS  GS MIXTURES  ADMIXTURES
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE . INTERCONTINENTAL BALLISTIC . MISSILES . ATLAS ICBM . ATLAS D ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES
. CRUISE MISSILES . NAVAHO MISSILE TOMAHAWK MISSILES FLEET BALLISTIC MISSILES POLARIS A1 MISSILE POLARIS A2 MISSILE POLARIS A3 MISSILE POSEIDON MISSILE SUBRICO MISSILE INTERCONTINENTAL BALLISTIC MISSILES ATLAS ICBM ATLAS D ICBM ATLAS E ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION	SHEAR FLOW  ∞THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS  GS MIXTURES  . ADMIXTURES  . BINARY MIXTURES
. CRUISE MISSILES . NAVAHO MISSILE . TOMAHAWK MISSILES . FLEET BALLISTIC MISSILES . POLARIS A1 MISSILE . POLARIS A2 MISSILE . POLARIS A3 MISSILE . POSEIDON MISSILES . SUBROC MISSILE . INTERCONTINENTAL BALLISTIC . MISSILES . ATLAS ICBM . ATLAS D ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILES  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MX MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS UTSPERSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  MX MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES	SHEAR FLOW  ### THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  #### MIXTURES  #### ADMIXTURES  ### ADMIXTURES  ### BIENDS  ### ADMIXTURES  ### BIENARY MIXTURES  ### BIENARY FLUIDS  #### EUTECTICS  #### EUTECTICS  ### DISPERSIONS  ### COLLOIDS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POSEIDON MISSILES  SUBPOC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  TITAN I ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS . EUTECTICS . EUTECTICS . DISPERSIONS . COLLOIDS . AEROSOLS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POSEIDON MISSILE  POSEIDON MISSILES  SUBHOC MISSILES  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS CAROSOLS FOG
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBRICC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING	SHEAR FLOW  ### THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  #### MIXTURES  #### BLENDS  GS MIXTURES  ADMIXTURES  BINARY MIXTURES  BINARY FLUIDS  EUTECTICS  EUTECTICS  DISPERSIONS  COLLOIDS  AEROSOLS  FOG  COLLOIDAL PROPELLANTS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POSEIDON MISSILES  SUBPOC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS © DIFFUSERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS	SHEAR FLOW  THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS  GS MIXTURES  ADMIXTURES  BINARY MIXTURES  BINARY FLUIDS  EUTECTICS  EUTECTICS  DISPERSIONS  COLLOIDS  AEROSOLS  FOG  COLLOIDAL PROPELLANTS  EMULSIONS  PHOTOGRAPHIC EMULSIONS  NUCLEAR EMULSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILE  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS LIQUID-GAS MIXTURES
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POSEIDON MISSILES  SUBROC MISSILES  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN I ICBM  TITAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS MISSILES  POLARIS MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS DISPERSION FEEDERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS LIQUID-GAS MIXTURES AEROSOLS AEROSOLS AEROSOLS AUGUST AUGU
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MX MISSILE  TITAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS ODISPERSION FEEDERS GRINDING MIXING MIXTURES	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS LIQUID-GAS MIXTURES
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITIAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A2 MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES	SHEAR FLOW  THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS  GS MIXTURES  ADMIXTURES  BINARY MIXTURES  BINARY FLUIDS  EUTECTICS  EUTECTICS  OSPERSIONS  COLLOIDS  AEROSOLS  FOG  COLLOIDAL PROPELLANTS  EMULSIONS  PHOTOGRAPHIC EMULSIONS  NUCLEAR EMULSIONS  LIQUID-GAS MIXTURES  AEROSOLS  AEROSOLS  NUCLEAR EMULSIONS  LIQUID-GAS MIXTURES  AEROSOLS  AEROSOLS  AEROSOLS  AEROSOLS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A2 MISSILE  LANCE MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS	SHEAR FLOW  THEORIES  TURBULENCE MODELS  TURBULENT FLOW  TURBULENT MIXING  VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS  GS MIXTURES  ADMIXTURES  BINARY MIXTURES  BINARY FLUIDS  EUTECTICS  EUTECTICS  COLLOIDS  AEROSOLS  FOG  COLLOIDAL PROPELLANTS  EMULSIONS  PHOTOGRAPHIC EMULSIONS  LIQUID-GAS MIXTURES  AEROSOLS  FOG  PLASTISOLS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITIAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A2 MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS © DIFFUSERS © DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS DISPERSIONS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS LIQUID-GAS MIXTURES AEROSOLS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITTAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  LANCE MISSILE  LANCE MISSILE  LANCE MISSILE  LANCE MISSILE  LANCE MISSILE  LANCE MISSILE  MACE MISSILE  PERSHING MISSILE  PERSHING MISSILE  PERSHING MISSILE  PERSHING MISSILE  PERSHING MISSILE  PERSHING MISSILE  REGULUS MISSILE  REGULUS MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS CULCIDS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS AEROSOLS AEROSOLS FOG PHOTOGRAPHIC EMULSIONS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS DICBM  ATLAS E ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  LANCE MISSILES  POLARIS A3 MISSILE  MACE MISSILES  PERSHING MISSILE  PERGEANT MISSILE  SERGEANT MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SEPARATORS SEPARATORS SHAKERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS . EUTECTICS . EUTECTICS . COLLOIDS . AEROSOLS . FOG . COLLOIDAL PROPELLANTS . EMULSIONS . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . AEROSOLS . FOG . PLASTISOLS . SMOKE . POLYMER BLENDS . SIALON . SLURRIES . SOLID SUSPENSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  MACE MISSILE  MACE MISSILE  PERSHING MISSILE  REGULUS MISSILE  REGULUS MISSILE  REGULUS MISSILE  REGULUS MISSILE  REGULUS MISSILE  REGULUS MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS © DIFFUSERS © DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS LIQUID-GAS MIXTURES AEROSOLS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SULURIES SOLID SUSPENSIONS SOLID SUSPENSIONS SOLID SUSPENSIONS SOLUTIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERREDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  LANCE MISSILE  MACE MISSILE  MEDICATION MISSILE  PESHING MISSILE  REGULUS MISSILE  REGULUS MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILE  PERSHING MISSILE  REGULUS MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES  SUPERSONIC LOW ALTITUDE MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS NUCLEAR EMULSIONS FOG PLASTISOLS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS SOLUTIONS SOLUTIONS SUSPENSIONS SOLUTIONS SUSPENSIONS SOLUTIONS SUSPENSIONS SOLUTIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS MISSILE  PERSHING MISSILE  SERGEANT MISSILE  SERGEANT MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES  SUPERSONIC LOW ALTITUDE MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS © DIFFUSERS © DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS DISPERSIONS DISPERSIONS COLLOIDAL PROPELLANTS EMULSIONS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS DISPERSIONS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS DIVOLEAR EMULSIONS AUCLEAR EMULSIONS AUCLEAR EMULSIONS AEROSOLS SOLOTIONS SILURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS AQUEOUS SOLUTIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS E ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS A5 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS A6 MISSILE  POLARIS A7 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS MISSILE  PERSHING MISSILE  REGULUS MISSILE  SERGEANT MISSILE  SERGEANT MISSILE  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SPRAYERS STIRRING TUMBLING MOTION	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS COLLOIDAL PROPELLANTS EMULSIONS FOG PHOTOGRAPHIC EMULSIONS ILIQUID-GAS MIXTURES AEROSOLS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SULRRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS AGS MIXTURES AGS MIXTURES AQUEOUS SOLUTIONS GAS MIXTURES AQUEOUS SOLUTIONS AQUEOUS SOLUTIONS AGS MIXTURES AIR
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERREDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  LANCE MISSILE  LANCE MISSILE  MACE MISSILE  REGULUS MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILE  PESHING MISSILE  REGULUS MISSILE  SERGEANT MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  UNDERWATER TO SURFACE MISSILES  SUBERCO MISSILE  UNDERWATER TO SURFACE MISSILES  SUBERCO MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS © DISPERSION FEEDERS GRINDING MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS NUCLEAR EMULSIONS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR AIR ALVEOLAR AIR
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS DICBM  ATLAS EICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS MISSILE  POLARIS A5 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS A6 MISSILE  POLARIS A6 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  SERGEANT MISSILE  SERGEANT MISSILES  SERGEANT MISSILES  SERGEANT MISSILES  SERGEANT MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS DISPERSIONS DISPERSIONS COLLOIDAL PROPELLANTS EMULSIONS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS FOG FOG PLOTOGRAPHIC EMULSIONS ILIQUID-GAS MIXTURES AEROSOLS SEMULSIONS AEROSOLS FOG PLASTISOLS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALVEOLAR AIR COMPRESSED AIR
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS A3 MISSILE  AMCE MISSILE  POLARIS A3 MISSILE  PERSHING MISSILE  PERSHING MISSILE  SERGEANT MISSILE  SERGEANT MISSILE  SUPERSONIC LOW ALTITUDE MISSILE  V1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  LANCE MISSILE  SUPERSONIC LOW ALTITUDE MISSILE  V1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  REMANUNITION  ANTIMISSILE DEFENSE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS . EUTECTICS . EUTECTIC ALLOYS DISPERSIONS . COLLOIDS . AEROSOLS . FOG . COLLOIDAL PROPELLANTS . EMULSIONS . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . NUCLEAR EMULSIONS . LIQUID-GAS MIXTURES . AEROSOLS . FOG . PLASTISOLS . SMOKE . POLYMER BLENDS . SIALON . SLURRIES . SOLIO SUSPENSIONS . SOLUTIONS . AQUEOUS SOLUTIONS . AQUEOUS SOLUTIONS . AIR . ALVEOLAR AIR . COMPRESSED AIR . EXPIRED AIR
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS F ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITTAN 1 ICBM  ITTAN 2 ICBM  INTERREDIATE RANGE BALLISTIC  MISSILES  BULE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS A3 MISSILE  ACE MISSILE  LANCE MISSILE  ACE MISSILE  BERGEANT MISSILE  SERGEANT MISSILE  SERGEANT MISSILE  SUPERSONIC LOW ALTITUDE MISSILE  V-1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  AMMUNITION  ANTIMISSILE OFFENSE  ANTISHIP WARFARE	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  ©DIFFUSERS ©DIFFUSERS ©DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING COLLOIDING COMPOUNDING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS NUCLEAR EMULSIONS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALYEOLAR AIR COMPRESSED AIR EXPIRED AIR E
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS DICBM  ATLAS EICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS A5 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS A6 MISSILE  POLARIS A7 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  SERGEANT MISSILES  PERSHING MISSILE  SERGEANT MISSILE  SERGEANT MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  TAMMUNITION  ANTIMISSILE DEFENSE  ANTSILIERY	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SPRAYERS STIRRING TUMBLING MOTION  MIXING  MIXING MIXING MIXING TUMBLING MOTION  MIXING GS MIXING COLLOIDING COMPOUNDING DISSOLVING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS LIQUID-GAS MIXTURES AEROSOLS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALYCOLAR AIR COMPRESSED AIR EXPIRED AIR
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROCC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITTAN 1 ICBM  ITTAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A5 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A1 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS MISSILE  MACE MISSILES  PERSHING MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  ANTINHIP WARFARE  ANTINHIP WARFARE  ANTILLERY  ASCENT PROPULSION SYSTEMS	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING COMPOUNDING DISSOLVING HOMOGENIZING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS NUCLEAR EMULSIONS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALYEOLAR AIR COMPRESSED AIR EXPIRED AIR E
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS DICBM  ATLAS DICBM  ATLAS FICBM  MINUTEMANICBM  MINUTEMANICBM  MINUTEMANICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERREDIATE RANGE BALLISTIC  MISSILES  BULE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  LANCE MISSILE  LANCE MISSILE  BEGULUS MISSILE  PERSHING MISSILE  PERSHING MISSILE  SERGEANT MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  AMMUNITION  ANTIMISSILE  TO SURFACE MISSILES  SUBROC MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  AMMUNITION  ANTIMISSILE  AMMUNITION  ANTIMISSILE  REQUILISION SYSTEMS  AUXILIARY PROPULSION	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS  © DIFFUSERS © DIFFUSERS © DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING MIXING COLLOIDING COMPOUNDING DISSOLVING LAMINAR MIXING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS . EUTECTICS . EUTECTIC ALLOYS DISPERSIONS . COLLOIDS . AEROSOLS . FOG . COLLOIDAL PROPELLANTS . EMULSIONS . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . NUCLEAR EMULSIONS . AEROSOLS . FOG . PLASTISOLS . SMOKE . POLYMER BLENDS . SIALON . SLURRIES . SOLID SUSPENSIONS . SOLUTIONS . AQUEOUS SOLUTIONS . AQUEOUS SOLUTIONS . AIR . ALVEOLAR AIR . COMPRESSED AIR . EXPIRED AIR . DETONABLE GAS MIXTURES
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROCC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITTAN 1 ICBM  ITTAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A5 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A1 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS MISSILE  MACE MISSILES  PERSHING MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  ANTINHIP WARFARE  ANTINHIP WARFARE  ANTILLERY  ASCENT PROPULSION SYSTEMS	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING MIXING TUMBLING COMPOUNDING DISSOLVING HOMOGENIZING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  BENARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDAL PROPELLANTS EMULSIONS PHOTOGRAPHIC EMULSIONS NUCLEAR EMULSIONS AEROSOLS FOG PLASTISOLS SALON SLUQID-GAS MIXTURES SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS SOLUTIONS AQUEOUS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALVEOLAR AIR COMPRESSED AIR EXPIRED AIR EXPIRED AIR EXPIRED AIR EXPIRED AIR EXPIRES PHOTOGRAPHIC EMULSIONS
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS D ICBM  ATLAS E ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  ITIAN 1 ICBM  ITIAN 1 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A3 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A5 MISSILE  POLARIS MISSILE  POLARIS MISSILE  POLARIS A1 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS A7 MISSILE  POLARIS MISSILE  POLARIS A8 MISSILE  POLARIS MISSILE  POLARIS MISSILE  MACE MISSILES  PERSHING MISSILE  SERGEANT MISSILES  SHORT RANGE BALLISTIC MISSILES  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  ANTINIP WARFARE  ARTILLERY  ASCENT PROPULSION SYSTEMS  AUXILIARY PROPULSION  BOMBS (ORDNANCE)  FLIGHT TEST VEHICLES	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS COALESCING CONTACTORS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SPAYERS STRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING TUMBLING MOTION  MIXING MIXING GS MIXING COLLOIDING COMPOUNDING DISSOLVING HOMOGENIZING LAMINAR MIXING PREMIXING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES ADMIXTURES BINARY MIXTURES BINARY FLUIDS EUTECTICS EUTECTICS COLLOIDS AEROSOLS FOG COLLOIDS AEROSOLS FOG PLOTOGRAPHIC EMULSIONS LIQUID-GAS MIXTURES AEROSOLS FOG PLASTISOLS SMOKE POLYMER BLENDS SIALON SLURRIES SOLID SUSPENSIONS SOLUTIONS AQUEOUS SOLUTIONS GAS MIXTURES AIR ALVEOLAR AIR COMPRESSED AIR EXPIRED AIR HIGH TEMPERATURE AIR LIQUID AIR LIQUI
CRUISE MISSILES  NAVAHO MISSILE  TOMAHAWK MISSILES  FLEET BALLISTIC MISSILES  POLARIS A2 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POSEIDON MISSILES  SUBROC MISSILE  INTERCONTINENTAL BALLISTIC  MISSILES  ATLAS ICBM  ATLAS DICBM  ATLAS DICBM  ATLAS FICBM  MINUTEMAN ICBM  MINUTEMAN ICBM  TITAN 1 ICBM  TITAN 1 ICBM  TITAN 2 ICBM  INTERMEDIATE RANGE BALLISTIC  MISSILES  BLUE STREAK MISSILE  JUPITER MISSILE  POLARIS A1 MISSILE  POLARIS A2 MISSILE  POLARIS A3 MISSILE  POLARIS A5 MISSILE  POLARIS A6 MISSILE  POLARIS A7 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  POLARIS A1 MISSILE  POLARIS A8 MISSILE  POLARIS A8 MISSILE  SERGEANT MISSILE  SUPERSONIC LOW ALTITUDE MISSILE  V.1 MISSILE  UNDERWATER TO SURFACE MISSILES  SUBROC MISSILE  AMMUNITION  ANTIMISSILE DEFENSE  ANTILLERY  ASCENT PROPULSION SYSTEMS  AUXILIARY PROPULSION  BOMBS (ORDNANCE)	F-111 AIRCRAFT GUST ALLEVIATORS VARIABLE GEOMETRY STRUCTURES VARIABLE SWEEP WINGS WING CAMBER WING PROFILES  MIXED FLOW  USE MULTIPHASE FLOW  MIXERS SN (EXCLUDES MIXING CIRCUITS) RT ADMIXTURES AERATION AEROSOLS AGITATION BAFFLES BLOWERS CARBURETORS CARBURETORS COALESCING CONTACTORS DIFFUSERS DISPERSION FEEDERS GRINDING MILLS MIXING MIXTURES PADDLES PLOWS PLUNGERS SEPARATORS SHAKERS SPRAYERS STIRRING TUMBLING MOTION  MIXING MIXING MIXING MIXING COMPOUNDING DISSOLVING LAMINAR MIXING PREMIXING LAMINAR MIXING PREMIXING SIGNAL MIXING	SHEAR FLOW  THEORIES TURBULENCE MODELS TURBULENT FLOW TURBULENT FLOW TURBULENT MIXING VORTICITY TRANSPORT HYPOTHESIS  MIXTURES  UF BLENDS GS MIXTURES . ADMIXTURES . BINARY MIXTURES . BINARY FLUIDS . EUTECTICS . EUTECTIC ALLOYS DISPERSIONS . COLLOIDS . AEROSOLS . FOG . COLLOIDAL PROPELLANTS . EMULSIONS . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . AEROSOLS . FOG . PLASTISOLS . SMOKE . POLYMER BLENDS . SIALON . SLURRIES . SOLID SUSPENSIONS . OLUTIONS . AUEOUS SOLUTIONS . AUEOUS SOLUTIONS . AIR . ALYEOLAR AIR . COMPRESSED AIR . EXPIRED AIR . LIQUID AIR . HIGH TEMPERATURE AIR . LIQUID AIR . DETONABLE GAS MIXTURES . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . OLUTIONS . AUEOUS SOLUTIONS . AUEOUS SOLUTIONS . AUEOUS AIR . EXPIRED AIR . LIQUID AIR . DETONABLE GAS MIXTURES . PHOTOGRAPHIC EMULSIONS . NUCLEAR EMULSIONS . SOLID SOLUTIONS

MOLECULAR FLOW-(CONT.)
RT BOUNDARY LAYER TRANSITION
CONTINUUM FLOW MONAURAL SIGNALS-(CONT.) MIXTURES-(CONT.) AUDITORY SIGNALS ∞ COMBINATION

COMPOSITE MATERIALS

COMPOSITION (PROPERTY) LOUDSPEAKERS MICROPHONES KNUDSEN FLOW LOW DENSITY FLOW RAREFIED GAS DYNAMICS SOUND TRANSMISSION DISSOLVED GASES EUTECTIC COMPOSITES TRANSPIRATION MONITORS FORMULATIONS INGREDIENTS AIRCRAFT INSTRUMENTS ALARM PROJECT MOLECULAR GASES MIXERS ANALYZERS MIXING GASES CONICAL SCANNING
COUNTERS PASTE (CONSISTENCY) SOLUBILITY MOLECULAR GASES POLAR GASES
POLYATOMIC GASES DATA RECORDERS DETECTORS
DISPLAY DEVICES
ENVIRONMENTAL MONITORING DIATOMIC GASES
ASSOCIATION REACTIONS MOBILE LOUNGES
RT AIRFIELD SURFACE MOVEMENTS RT GAS DYNAMICS AIRPORTS
GROUND HANDLING GAS DETECTORS
HELMET MOUNTED DISPLAYS
IN-FLIGHT MONITORING MONATOMIC GASES NONPOLAR GASES ∞ LOUNGES RAREFIED GASES ∞INSTRUMENTS ∞MEASUREMENT REAL GASES MODAL RESPONSE MODE SHAPES RESPONSES MEASURING INSTRUMENTS MOLECULAR INTERACTIONS

GS PARTICLE INTERACTIONS ĠS OPTICAL SCANNERS
POLLUTION MONITORING MODAL RESPONSE MOLECULAR INTERACTIONS
. MOLECULAR COLLISIONS RADIATION MEASURING INSTRUMENTS RT STROKING TESTS **SCANNING** ASSOCIATION REACTIONS
CONFIGURATION INTERACTION
DISSOCIATION RT WARNING WARNING SYSTEMS MODE SHAPES MODAL RESPONSE USE ∞ INTERACTIONS MONOCOQUE STRUCTURES INTERMOLECULAR FORCES
INTERNUCLEAR PROPERTIES ∞CYLINDERS
SHELLS (STRUCTURAL FORMS) MOHAWK AIRCRAFT OV-1 AIRCRAFT INTERSTELLAR CHEMISTRY USE STRESSED-SKIN STRUCTURES IONIC REACTIONS MOIRE INTERFEROMETRY LENNARD-JONES POTENTIAL ∞ STRUCTURES MASS FLOW

∞ MOLECULAR PHYSICS

TRANSPORT THEORY INTERFEROMETRY
MOIRE INTERFEROMETRY GS MONOMOLECULAR FILMS
GS SURFACE LAYERS
MONOMOLECULAR FILMS
THIN FILMS DIFFRACTION PATTERNS
HOLOGRAPHIC INTERFEROMETRY
MOIRE EFFECTS RT **MOLECULAR TRAJECTORIES** MONOMOLECULAR FILMS TRAJECTORIES . MOLECULAR TRAJECTORIES ENERGY ABSORPTION FILMS MOLECULAR COLLISIONS
GS COLLISIONS ∞ FILMS GAS FLOW MOLECULAR COLLISIONS
PARTICLE INTERACTIONS
MOLECULAR INTERACTIONS
MOLECULAR COLLISIONS
ATOMIC COLLISIONS INTEGRATED OPTICS MOLLIER DIAGRAM

UF ENTHALPY-ENTROPY DIAGRAMS
GS CHARTS
. GRAPHS (CHARTS) ∞LAYERS
MOLECULAR ELECTRONICS SURFACTANTS
THIN LAYER CHROMATOGRAPHY RT ∞ INTERACTIONS MOLLIER DIAGRAM PARTICLE COLLISIONS RIGID ROTORS (PLASMA PHYSICS) DIAGRAMS
MOLLIER DIAGRAM MONOPLANES
GS MONOPLANES A-1 AIRCRAFT A-2 AIRCRAFT A-3 AIRCRAFT ENTHALPY RT ENTROPY EQUATIONS OF STATE MOLECULAR DIFFUSION DIFFUSION MOLECULAR DIFFUSION IDEAL FLUIDS A-4 AIRCRAFT ATMOSPHERIC DIFFUSION A-5 AIRCRAFT A-6 AIRCRAFT RT THERMODYNAMICS DIFFUSION COEFFICIENT A-7 AIRCRAFT A-37 AIRCRAFT AN-2 AIRCRAFT DISSOCIATION MOMENTS GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION MOMENTS . BENDING MOMENTS AN-22 AIRCRAFT AN-24 AIRCRAFT PARTICLE DIFFUSION
SELF DIFFUSION (SOLID STATE) DIPOLE MOMENTS
. ELECTRIC MOMENTS AN-24 AIRCHAFT
ARGOSY MK-1 AIRCRAFT
AVRO 707 AIRCRAFT
B-26 AIRCRAFT
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
B-52 AIRCRAFT
B-52 AIRCRAFT . MAGNETIC MOMENTS DISTRIBUTION MOMENTS SURFACE DIFFUSION MEAN MOLECULAR ELECTRONICS ORTHOGONALITY STANDARD DEVIATION ELECTROPHYSICS
MOLECULAR ELECTRONICS STANDARD DEVIATION
LOADING MOMENTS
MOMENTS OF INERTIA
STABILITY DERIVATIVES
PITCHING MOMENTS
ROLLING MOMENTS
YAWING MOMENTS B-57 AIRCRAFT B-58 AIRCRAFT DTL INTEGRATED CIRCUITS ELECTRONICS INTEGRATED CIRCUITS B-66 AIRCRAFT B-70 AIRCRAFT BAC 111 AIRCRAFT LARGE SCALE INTEGRATION LINEAR INTEGRATED CIRCUITS MEDIUM SCALE INTEGRATION BEECHCRAFT 18 AIRCRAFT BOEING 707 AIRCRAFT BOEING 720 AIRCRAFT TORQUE
METHOD OF MOMENTS
MODE (STATISTICS)
MOMENT DISTRIBUTION
MOMENTUM MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT RT BOEING 720 AIRCRAFT BOEING 733 AIRCRAFT BOEING 737 AIRCRAFT BOEING 757 AIRCRAFT BOEING 767 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 1150 AIRCRAFT BUCCANEER AIRCRAFT MONOMOLECULAR FILMS
PI-ELECTRONS SKEWNESS SEMICONDUCTOR DEVICES TORSION VARIANCE (STATISTICS) THIN FILMS
TTL INTEGRATED CIRCUITS VERY LARGE SCALE INTEGRATION MONATOMIC GASES C-2 AIRCRAFT
C-33 AIRCRAFT
C-35 AIRCRAFT ATOMIC GASES GASES **MOLECULAR FLOW** GS (FLOW WITH KNUDSEN NUMBERS GREATER THAN 0.01-FOR SPECIFIC . MONATOMIC GASES CHAPMAN-ENSKOG THEORY C-46 AIRCRAFT C-47 AIRCRAFT RT FLOWS IN THIS RANGE USE NARROWER TERMS-FOR DUCTED MOLECULAR GASES C-54 AIRCRAFT RARE GASES MOLECULAR FLOW USE KNUDSEN C-118 AIRCRAFT C-121 AIRCRAFT REAL GASES FLOW) FLUID FLOW GS C-123 AIRCRAFT MONAURAL SIGNALS GAS FLOW C-124 AIRCRAFT C-130 AIRCRAFT AUDIO EQUIPMENT AUDIO FREQUENCIES MOLECULAR FLOW
. SLIP FLOW

AUDITORY PERCEPTION

TRANSITION FLOW

C-131 AIRCRAFT

# MONTE CARLO METHOD

MONOPLANES-(CONT.)	MONOPLANES-(CONT.)	MOTION (COMT.)
. C-133 AIRCRAFT	. T-33 AIRCRAFT	MOTION-(CONT.) GLIDING
. C-135 AIRCRAFT	. T-37 AIRCRAFT	GYRATION
. C-140 AIRCRAFT	. T-38 AIRCRAFT	HARMONIC MOTION
. C-141 AIRCRAFT	. T-39 AIRCRAFT	HEAD MOVEMENT
. C-160 AIRCRAFT	. TS-11 AIRCRAFT	HEAVING
CANBERRA AIRCRAFT	. TSR-2 AIRCRAFT	HIGH ACCELERATION
. CESSNA L-19 AIRCRAFT	. TU-104 AIRCRAFT	IMMOBILIZATION
. CESSNA 172 AIRCRAFT	. TU-124 AIRCRAFT	INERTIA
. CESSNA 205 AIRCRAFT . CESSNA 210 AIRCRAFT	. TU-134 AIRCRAFT	ION MOTION
. CESSNA 210 AIRCRAFT	. U-2 AIRCRAFT . U-10 AIRCRAFT	IONIC MOBILITY
. CL-41 AIRCRAFT	. VALIANT AIRCRAFT	KINEMATICS
. CL-44 AIRCRAFT	. VC-10 AIRCRAFT	LIBRATION MOMENTUM
. COMET 4 AIRCRAFT	. VICTOR MK-1 AIRCRAFT	NUTATION
. CV-340 AIRCRAFT	VISCOUNT AIRCRAFT	ORBITS
. CV-440 AIRCRAFT	. VJ-101 AIRCRAFT	OSCILLATIONS
. CV-880 AIRCRAFT	. X-1 AIRCRAFT	OSCILLATORS
. CV-990 AIRCRAFT	. X-2 AIRCRAFT	PARTICLE MOTION
. D-558 AIRCRAFT	X-3 AIRCRAFT	PARTICLE TRAJECTORIES
. DC 3 AIRCRAFT . DC 7 AIRCRAFT	. X-5 AIRCRAFT	PITCH (INCLINATION)
. DC 8 AIRCRAFT	X-13 AIRCRAFT	ROTATION
. DH 112 AIRCRAFT	. X-14 AIRCRAFT . X-21 AIRCRAFT	SACCADIC EYE MOVEMENTS
. DH 115 AIRCRAFT	. X-21 AIRCRAFT	SOLAR ORBITS
. DH 121 AIRCRAFT	. XC-142 AIRCRAFT	SPACECRAFT MOTION SPACECRAFT TRAJECTORIES
. DH 125 AIRCRAFT	. XV-4 AIRCRAFT	STELLAR MOTIONS
. DHC 2 AIRCRAFT	XV-5 AIRCRAFT	SWARMING
. DHC 4 AIRCRAFT	. YS-11 AIRCRAFT	TEETERING
. DHC 5 AIRCRAFT	Z-37 AIRCRAFT	TRANSIT TIME
. DO-27 AIRCRAFT	RT AERODYNAMIC CONFIGURATIONS	TRANSLATIONAL MOTION
. DO-28 AIRCRAFT	∞ AIRCRAFT	TUMBLING MOTION
. DO-31 AIRCRAFT . EC-121 AIRCRAFT	AIRFOILS	TURBULENCE
. ELECTRA AIRCRAFT	BIPLANES CARGO AIRCRAFT	VELOCITY
. F-2 AIRCRAFT	GLIDERS	VERTICAL MOTION
. F-5 AIRCRAFT	∞LOW WING AIRCRAFT	VERTICAL MOTION SIMULATORS VIBRATION
. F-8 AIRCRAFT	SEAPLANES	VISCOSITY
. F-9 AIRCRAFT	TAILLESS AIRCRAFT	YAW
. F-17 AIRCRAFT	WATER TAKEOFF AND LANDING	,,,,,,
F-27 AIRCRAFT	AIRCRAFT	MOTION EQUATIONS
. F-28 TRANSPORT AIRCRAFT	WING PLANFORMS	USE EQUATIONS OF MOTION
. F-84 AIRCRAFT	WING PROFILES	
. F-86 AIRCRAFT . F-89 AIRCRAFT	∞ WINGED VEHICLES	MOTION PICTURES
. F-99 AIRCRAFT		UF CINEFLUOROGRAPHY
. F-100 AIRCRAFT	MONTE CARLO METHOD	CINERADIOGRAPHY
. F-102 AIRCRAFT	GS ANALYSIS (MATHEMATICS)	GS PHOTOGRAPHS
. F-104 AIRCRAFT	NUMERICAL ANALYSIS	. MOTION PICTURES
. F-105 AIRCRAFT	MONTE CARLO METHOD  RT DIFFUSION THEORY	RT ANIMATION
. F-106 AIRCRAFT	EXPECTANCY HYPOTHESIS	CHRONOPHOTOGRAPHY CINEMATOGRAPHY
. FD 2 AIRCRAFT	GAME THEORY	COMPUTER ANIMATION
. G-1 AIRCRAFT	MARKOV CHAINS	GRAPHIC ARTS
. G-91 AIRCRAFT	MATHEMATICAL MODELS	PROJECTORS
. G-95/4 AIRCRAFT	∞ METHODOLOGY	SUPPLEMENTS
. G-222 AIRCRAFT . GA-5 AIRCRAFT	PROBABILITY THEORY	VIDEO EQUIPMENT
. H-126 AIRCRAFT	RANDOM PROCESSES	VIDEO TAPES
HFB-320 AIRCRAFT	RANDOM WALK	
. HP-115 AIRCRAFT	RENORMALIZATION GROUP METHODS SIMULATION	MOTION SIMULATION
. HS-748 AIRCRAFT	STATISTICAL ANALYSIS	GS HUMAN FACTORS ENGINEERING
. IL-14 AIRCRAFT	STOCHASTIC PROCESSES	. MOTION SIMULATION
. IL-62 AIRCRAFT	TRANSPORT THEORY	SIMULATION
. JET PROVOST AIRCRAFT		. <b>MOTION SIMULATION</b> RT FLIGHT SIMULATION
. JINDIVIK TARGET AIRCRAFT . L-29 JET TRAINER	MOORING	FLIGHT SIMULATION
LOCKHEED MODEL 18 AIRCRAFT	UF MOORINGS	MOTION SIMULATORS
. MH-262 AIRCRAFT	RT AIRPORTS	
. MIRAGE AIRCRAFT	ANCHORS (FASTENERS)	MOTION SIMULATORS
MIRAGE 3 AIRCRAFT	FASTENERS	GS SIMULATORS
. MYSTERE 20 AIRCRAFT	∞JOINING MATERIALS HANDLING	. MOTION SIMULATORS
. NORD 1500 AIRCRAFT	MULTIPLE DOCKING ADAPTERS	RT COMPUTERIZED SIMULATION
. OV-1 AIRCRAFT	SPACECRAFT DOCKING	CONTROL SIMULATION
. OV-10 AIRCRAFT . P-3 AIRCRAFT	S. C. SECTION F. S. COMMEN	FLIGHT SIMULATORS
. P-51 AIRCRAFT	MOORINGS	MOTION SIMULATION
. P-166 AIRCRAFT	USE MOORING	SPACE ENVIRONMENT SIMULATION TEST FACILITIES
. P-308 AIRCRAFT		TEST TROLLINES
. P-1052 AIRCRAFT	MOPS (PROPULSION SYSTEMS)	MOTION STABILITY
. P-1127 AIRCRAFT	USE MAN OPERATED PROPULSION SYSTEMS	GS DYNAMIC CHARACTERISTICS
. P-1154 AIRCRAFT		. DYNAMIC STABILITY
. PD-808 AIRCRAFT	MORSE POTENTIAL	. MOTION STABILITY
. PHANTOM AIRCRAFT	RT DIATOMIC MOLECULES	AERODYNAMIC STABILITY
F-4 AIRCRAFT . RB-50 AIRCRAFT	KINETIC THEORY	AIRCRAFT STABILITY
. RE-30 AIRCHAFT	POTENTIAL ENERGY	HOVERING STABILITY
. S-2 AIRCRAFT	MOTION	ATTITUDE STABILITY
. SAAB 105 AIRCRAFT	∞ <b>MOTION</b> SN <i>(USE OF A MORE SPECIFIC TERM IS</i>	DIRECTIONAL STABILITY
. SC-1 AIRCRAFT	RECOMMENDED-CONSULT THE TERMS	GYROSCOPIC STABILITY
. SC-5 AIRCRAFT	LISTED BELOW)	LATERAL STABILITY LONGITUDINAL STABILITY
. SC-7 AIRCRAFT	UF MOVEMENT	FLOW STABILITY
. SCIMITAR AIRCRAFT	RT ACCELERATION (PHYSICS)	BOUNDARY LAYER STABILITY
. SE-210 AIRCRAFT	ATTITUDE (INCLINATION)	FLAME STABILITY
. SHACKLETON BOMBER	BROWNIAN MOVEMENTS	MAGNETOHYDRODYNAMIC
. T-2 AIRCRAFT	DISPLACEMENT	STABILITY
. T-28 AIRCRAFT	DOMAIN WALL	WEIBEL INSTABILITY

MOTION	STABILITY-(CONT.)	MULTI-ROLE COMBAT AIRCRAFT	BLUE SCOUT ROCKET VEHICLE
	LOW SPEED STABILITY ROTARY STABILITY	USE MRCA AIRCRAFT	. DIAMANT LAUNCH VEHICLE
	GYROSCOPIC STABILITY	MULTIENGINE VEHICLES	ELDO LAUNCH VEHICLE
	SPACECRAFT STABILITY	RT ∞AIRCRAFT	EXOS SOUNDING ROCKET JAGUAR ROCKET VEHICLE
	STABILITY	B-1 AIRCRAFT	. JAVELIN ROCKET VEHICLE
	. DYNAMIC STABILITY MOTION STABILITY	LAUNCH VEHICLES LIGHT TRANSPORT AIRCRAFT	JUNO LAUNCH VEHICLES
	AERODYNAMIC STABILITY	MISSILE CONFIGURATIONS	JUNO 1 LAUNCH VEHICLE
	AIRCRAFT STABILITY	MISSILES	JUNO 2 LAUNCH VEHICLE
	HOVERING STABILITY	MULTISTAGE ROCKET VEHICLES	JUPITER C ROCKET VEHICLE KAPPA ROCKET VEHICLES
	ATTITUDE STABILITY	RECOVERABLE LAUNCH VEHICLES	KAPPA 8 ROCKET VEHICLE
	DIRECTIONAL STABILITY GYROSCOPIC STABILITY	ROCKET VEHICLES	KAPPA 9 ROCKET VEHICLE
	LATERAL STABILITY	& FEI HOLES	LAMBDA ROCKET VEHICLES
	LONGITUDINAL STABILITY	MULTILAYER INSULATION	LITTLE JOE 2 LAUNCH VEHICLE
	FLOW STABILITY	GS INSULATION	NIKE ROCKET VEHICLES NIKE-APACHE ROCKET VEHICLE
	BOUNDARY LAYER STABILITY	. MULTILAYER INSULATION	NIKE-CAJUN ROCKET VEHICLE
	FLAME STABILITY MAGNETOHYDRODYNAMIC	INTERLAYERS . <b>Multilayer insulation</b>	NIKE-HYDAC ROCKET VEHICLE
	STABILITY	RT COMPOSITE MATERIALS	NIKE-IROQUOIS ROCKET VEHICLE
	WEIBEL INSTABILITY	CRYOGENIC FLUID STORAGE	NIKE-JAVELIN ROCKET VEHICLE NIKE-TOMAHAWK ROCKET VEHICLE
	LOW SPEED STABILITY	FABRICS	NOVA LAUNCH VEHICLES
	ROTARY STABILITY GYROSCOPIC STABILITY	∞ FOILS	. PEGASUS AIR-LAUNCHED BOOSTER
	SPACECRAFT STABILITY	FOILS (MATERIALS) LAMINATES	PHOENIX SOUNDING ROCKET
RT	COMBUSTION STABILITY	∞ LAYERS	. RAM B LAUNCH VEHICLE
	CONTROL STABILITY	METAL FOILS	RUBIS ROCKET VEHICLE SATURN LAUNCH VEHICLES
	DYNAMIC TESTS	PLY ORIENTATION	SATURN D LAUNCH VEHICLE
	ROUGHNESS SEA KEEPING	SANDWICH STRUCTURES          SHEETS	SATURN 1 LAUNCH VEHICLES
	SPACECRAFT MOTION	@ SPICE 13	SATURN 1 SA-1 LAUNCH VEHICLE
	STABLE OSCILLATIONS	MULTIPHASE FLOW	SATURN 1 SA-2 LAUNCH VEHICLE
	SURFACE STABILITY	UF MIXED FLOW	SATURN 1 SA-3 LAUNCH VEHICLE
		GS FLUID FLOW	SATURN 1 SA-5 LAUNCH VEHICLE
MOTOR	S {LIMITED TO MACHINES SUPPLIED WITH	. MULTIPHASE FLOW TWO PHASE FLOW	SATURN 1 SA-6 LAUNCH VEHICLE
SN	EXTERNAL ENERGY WHICH IS	RT CONICAL FLOW	SATURN 1 SA-7 LAUNCH VEHICLE
	CONVERTED INTO FORCE AND/OR	CRITICAL FLOW	SATURN 1 SA-8 LAUNCH VEHICLE SATURN 1 SA-9 LAUNCH VEHICLE
	MOTION-SEE ENGINES FOR MACHINES	CROCCO-LEE THEORY	SATURN 1 SA-10 LAUNCH
	WITH SELF-CONTAINED POWER	FLOW DISTORTION FLOW MEASUREMENT	VEHICLE
GS	SOURCES) MOTORS	GAS FLOW	SATURN 1B LAUNCH VEHICLES
GO	. ELECTRIC MOTORS	LAMINAR FLOW	SATURN 2 LAUNCH VEHICLES SATURN 5 LAUNCH VEHICLES
	ASYNCHRONOUS MOTORS	LIQUID FLOW	. SCOUT LAUNCH VEHICLE
	INDUCTION MOTORS MICROMOTORS	MASS FLOW ORIFICE FLOW	SKYLARK ROCKET VEHICLE
	. STEPPING MOTORS	PIPE FLOW	THOR LAUNCH VEHICLES
	SYNCHRONOUS MOTORS	PRESSURE GRADIENTS	THOR ABLE ROCKET VEHICLE THOR AGENA LAUNCH VEHICLE
	TORQUE MOTORS	SINGLE-PHASE FLOW	THOR DELTA LAUNCH VEHICLE
RT	. SERVOMOTORS APOGEE BOOST MOTORS	SOLIDS FLOW STEADY FLOW	TITAN LAUNCH VEHICLES
	∞ ELECTRIC EQUIPMENT	STEAM FLOW	TITAN 3 LAUNCH VEHICLE
	ENERGY CONVERSION EFFICIENCY	SUBCRITICAL FLOW	VANGUARD 2 LAUNCH VEHICLE VEGA LAUNCH VEHICLE
	ENGINES	SUPERCRITICAL FLOW	WASP SOUNDING ROCKET
	∞ GENERATORS HYDRAULIC EQUIPMENT	TURBULENT FLOW UNIFORM FLOW	RT AIR LAUNCHING
	STATORS	UNSTEADY FLOW	EXPENDABLE STAGES (SPACECRAFT)
			INTERIM STAGES (SPACECRAFT) LAUNCH VEHICLES
MOUNT	ING	MULTISPECTRAL PHOTOGRAPHY	MINUTEMAN ICBM
GS	MOUNTING	GS PHOTOGRAPHY . MULTISPECTRAL PHOTOGRAPHY	MULTIENGINE VEHICLES
RŤ	. RIGID MOUNTING ASSEMBLING	INFRARED PHOTOGRAPHY	NAVAHO MISSILE PAYLOAD MASS RATIO
	∞ ATTACHMENT	COLOR INFRARED PHOTOGRAPHY	PERSHING MISSILE
	BRACKETS	RADAR PHOTOGRAPHY	PIGGYBACK SYSTEMS
	∞ JOINING	RT CHANGE DETECTION CROP IDENTIFICATION	POLARIS MISSILES
	SUSPENDING (HANGING)	EARTH OBSERVATIONS (FROM SPACE	PROPULSIVE EFFICIENCY
MOVEM	FNT	IMAGE RESOLUTION	ROCKET ENGINES SS-11 MISSILE
USE	MOTION	IMAGERY	STAGE SEPARATION
000	M.O.1.0.1	IMAGING TECHNIQUES	SUNBLAZER SPACE PROBE
MRCA	AIRCRAFT	I2S CAMERAS SPECTRAL RECONNAISSANCE	TALOS MISSILE
UF	MULTI-ROLE COMBAT AIRCRAFT	SPECIFIC NECONITATIONATOR	TERRIER MISSILE TITAN ICBM
AT	TORNADO AIRCRAFT  ∞ AIRCRAFT	MULTISTAGE COMPRESSORS	TRAILBLAZER 1 REENTRY VEHICLE
nı.	ATTACK AIRCRAFT	USE TURBOCOMPRESSORS	TRAILBLAZER 2 REENTRY VEHICLE
	FIGHTER AIRCRAFT		UPPER STAGE ROCKET ENGINES
	∞ MILITARY AIRCRAFT	MULTISTAGE ROCKET VEHICLES	∞ VEHICLES
MUFFL	- na	GS ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES	
RT	ACOUSTIC RETROFITTING	. ABLESTAR LAUNCH VEHICLE	MULTITEMPORAL ANALYSIS
, , ,	AIRCRAFT NOISE	ANTARES ROCKET VEHICLE	USE TEMPORAL RESOLUTION
	ATTENUATORS	ARGO ROCKET VEHICLES	
	BAFFLES DAMPING	ARIANE LAUNCH VEHICLE ASTROBEE ROCKET VEHICLES	MUSTANG AIRCRAFT
	DAMPING  DIFFUSERS	ASTROBEE 1500 ROCKET VEHICLES	
	EXHAUST SYSTEMS	ATHENA ROCKET VEHICLE	
	FURNACES	ATLAS LAUNCH VEHICLES	MAN MICON F
	JET AIRCRAFT NOISE	ATLAS ABLE 5 LAUNCH VEHICLE	MX MISSILE E GS MISSILES
	NOISE (SOUND) NOISE REDUCTION	ATLAS AGENA B LAUNCH VEHICLES	
	PROPELLER NOISE	ATLAS CENTAUR LAUNCH VEHICL	
	ROCKET ENGINE NOISE	ATLAS SLV-3 LAUNCH VEHICLE	MISSILES
	SILENCERS	. BERENICE ROCKET VEHICLE	MX MISSILE
	SUPPRESSORS	BLACK KNIGHT ROCKET VEHICLE	RT MISSILE SILOS

**MYSTERE 20 AIRCRAFT** NAVIGATION-(CONT.) NATIONAL AIRSPACE UTILIZATION-(CONT.) MYSTERE 20 AIRCRAFT AIR TRAFFIC CONTROL DASSAULT MYSTERE 20 AIRCRAFT DASSAULT AIRCRAFT TACAN VHF OMNIRANGE NAVIGATION GS SPACE NAVIGATION
. INTERPLANETARY NAVIGATION AIRCRAFT APPROACH SPACING . MYSTERE 20 AIRCRAFT JET AIRCRAFT AIRSPACE COLLISION AVOIDANCE . SURFACE NAVIGATION AUTOMATIC FLIGHT CONTROL TURBOFAN AIRCRAFT FLIGHT PATHS .. MYSTERE 20 AIRCRAFT LIGHT AIRCRAFT AZIMUTH FLIGHT PLANS BAY ICE DECLINATION DISTANCE MEASURING EQUIPMENT FLIGHT RULES MYSTERE 20 AIRCRAFT MONOPLANES
MYSTERE 20 AIRCRAFT
PASSENGER AIRCRAFT
MYSTERE 20 AIRCRAFT NATIONAL AIRSPACE SYSTEM m SYSTEMS FLIGHT CONTROL NATIONAL AVIATION SYSTEM FLIGHT PATHS TRANSPORT AIRCRAFT AIR TRAFFIC CONTROL GLOBAL POSITIONING SYSTEM GUIDANCE (MOTION) GYROSCOPIC COUPLING MYSTERE 20 AIRCRAFT AIR TRANSPORTATION AIRCRAFT APPROACH SPACING MYSTERE 50 AIRCRAFT
UF DASSAULT MYSTERE 50 AIRCRAFT
RT DASSAULT AIRCRAFT HOMING DEVICES
LATITUDE MEASUREMENT FLIGHT RULES LANDING AIDS
NATIONAL AIRSPACE SYSTEM LOCOMOTION JET AIRCRAFT LONGITUDE MEASUREMENT ORBITAL POSITION ESTIMATION ∞ SYSTEMS LIGHT AIRCRAFT TRAFFIC CONTROL PASSENGER AIRCRAFT TRANSPORT AIRCRAFT PLOTTING POSITION (LOCATION) POSITION ERRORS TURBOFAN AIRCRAFT NATIONAL LAUNCH VEHICLE PROGRAM
GS PROGRAMS POSITIONING STAR TRACKERS . NASA PROGRAMS . . NASA SPACE PROGRAMS . . . NATIONAL LAUNCH VEHICLE STATIONKEEPING N ∞ SYSTEMS PROGRAM SPACE PROGRAMS TRIANGULATION . NASA SPACE PROGRAMS
. NATIONAL LAUNCH VEHICLE
PROGRAM N-156 AIRCRAFT NAVIGATION AIDS
GS NAVIGATION AIDS F-5 AIRCRAFT **BEACONS** LAUNCH VEHICLES RT NA-300 AIRCRAFT AIRPORT BEACONS OV-10 AIRCRAFT LAUNCHERS LAUNCHING DISCRETE ADDRESS BEACON SYSTEM LAUNCHING SITES RADAR BEACONS . DISCRETE ADDRESS BEACON **NACELLES** AERODYNAMIC CONFIGURATIONS NAVAHO MISSILE
GS MISSILES AIR INTAKES SYSTEM AIRERAMES RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES COWLINGS RAMJET MISSILES . NAVAHO MISSILE SURFACE TO SURFACE MISSILES . CRUISE MISSILES SELF CALIBRATING OMNIRANGE RADIO DIRECTION FINDERS LIGHT AIRBORNE MULTIPURPOSE DUCTED BODIES ENGINE INLETS EXTERNAL STORE SEPARATION EXTERNAL STORES
EXTERNAL TANKS ... NAVAHO MISSILE LIQUID PROPELLANT ROCKET ENGINES SYSTEM MICROWAVE SCANNING BEAM RT FAIRINGS MULTISTAGE ROCKET VEHICLES LANDING SYSTEM HOUSINGS NOSE INLETS PERFORATED SHELLS NAVIGATION INSTRUMENTS . ATTITUDE INDICATORS RAMJET ENGINES GYRO HORIZONS **NAVIER-STOKES EQUATION** PODS (EXTERNAL STORES) PROTUBERANCES COMPASSES
GYROCOMPASSES
MAGNETIC COMPASSES
SOLAR COMPASSES EQUATIONS OF MOTION . NAVIER-STOKES EQUATION SHELLS (STRUCTURAL FORMS) FLOW EQUATIONS NAVIER-STOKES EQUATION
BURGER EQUATION
COMPUTATIONAL FLUID DYNAMICS WING-FUSELAGE STORES RADIO DIRECTION FINDERS RT TERCOM NAMC AIRCRAFT ∞ EQUATIONS ∞ AIDS NIHON AIRCRAFT USE FLOW THEORY AIR NAVIGATION INCOMPRESSIBLE FLOW AIR TRAFFIC CONTROL AIRCRAFT EQUIPMENT NAP-OF-THE-EARTH NAVIGATION INCOMPRESSIBLE FLUIDS NOE NAVIGATION MILNE-THOMSON METHOD AIRCRAFT INSTRUMENTS GS NAVIGATION NEWTONIAN FLUIDS OSEEN APPROXIMATION AIRCRAFT SAFETY AIR NAVIGATION AIRPORTS .. NAP-OF-THE-EARTH NAVIGATION HELICOPTERS REYNOLDS EQUATION ALL-WEATHER AIR NAVIGATION RT ALTIMETERS REYNOLDS STRESS IMAGE PROCESSING APPROACH INDICATORS VISCOUS FLOW LOW ALTITUDE NIGHT FLIGHTS (AIRCRAFT) AUTOMATIC FLIGHT CONTROL AUTOMATIC PILOTS AUTOMATIC TRAFFIC ADVISORY AND VISCOUS FLUIDS NIGHT VISION
TARGET RECOGNITION NAVIGATION RESOLUTION AUTONOMOUS NAVIGATION NAVIGATION TERRAIN ANALYSIS . AIR NAVIGATION TERRAIN FOLLOWING AIRCRAFT BUOYS ALL-WEATHER AIR NAVIGATION AREA NAVIGATION CHARTS NATIONAL AEROSPACE PLANE PROGRAM
GS PROGRAMS DECCA NAVIGATION NAP-OF-THE-EARTH NAVIGATION CELESTIAL NAVIGATION ASTROGUIDE NAVIGATION SYSTEM DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT . NASA PROGRAMS NATIONAL AEROSPACE PLANE PROGRAM ECHO SOUNDING ASTRONAVIGATION
DEAD RECKONING FLIGHT CONTROL FLIGHT MANAGEMENT SYSTEMS AEROSPACE PLANES
HYPERSONIC VEHICLES
TRANSATMOSPHERIC VEHICLES DIGITAL NAVIGATION FLIGHT PATHS DOPPLER NAVIGATION
HYBRID NAVIGATION SYSTEMS GYROSTABILIZERS HEAD-UP DISPLAYS X-30 VEHICLE INERTIAL NAVIGATION
. ASTROGUIDE NAVIGATION SYSTEM
. GIMBALLESS INERTIAL NAVIGATION HELIPORTS HOMING DEVICES
HYBRID NAVIGATION SYSTEMS
INERTIAL NAVIGATION
KALMAN FILTERS NATIONAL AIRSPACE SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT SAFETY OMEGA NAVIGATION SYSTEM POLAR NAVIGATION RADAR NAVIGATION AIRPORTS LANDING AIDS LASER RANGE FINDERS AIRSPACE RADIO NAVIGATION HYPERBOLIC NAVIGATION NATIONAL AIRSPACE UTILIZATION LORAC NAVIGATION SYSTEM SYSTEM DECCA NAVIGATION NATIONAL AVIATION SYSTEM LORAN LORAC NAVIGATION SYSTEM LORAN C LOBAN . LORAN C NATIONAL AIRSPACE UTILIZATION SYSTEM

LORAN D

SHORAN

~ MARS

AIR LAW

AIR NAVIGATION

# NIKE X SYSTEMS

	(2017)		DANGEMARTED AIRCRAFT	NEWT	ONIAN FLUIDS-(CONT.)
	ON AIDS-(CONT.)		RANGEMASTER AIRCRAFT G-1 AIRCRAFT	142471	NAVIER-STOKES EQUATION
	MILITARY AIR FACILITIES VAUTICAL CHARTS	USE	d-1 /M/Ortin		NEWTON
	PLOTTERS	NAVSTAF	SATELLITES		NEWTON PRESSURE LAW
	POSITION INDICATORS	GS	ARTIFICIAL SATELLITES		NEWTON THEORY NONNEWTONIAN FLUIDS
	RADIO NAVIGATION		NAVIGATION SATELLITES		STRESS-STRAIN-TIME RELATIONS
	RANGE FINDERS		. NAVSTAR SATELLITES		VISCOUS FLUIDS
	REDUCED ORDER FILTERS		ACTIVE SATELLITES		
	REFERENCE STARS		ATS GEODETIC SATELLITES	NIGHT	•
	SEXTANTS SHORAN		NAVIGATION TECHNOLOGY SATELLITES	RT	DARKENING
	SOLAR SENSORS		REFSAT		DARKNESS
	SONAR		SATELLITE NETWORKS		DAYTIME
	STAR TRACKERS				DIURNAL VARIATIONS
	SURFACE NAVIGATION	NC-130 A			EVENING
	TACAN	USE	C-130 AIRCRAFT		SHADOWS SKY BRIGHTNESS
	VHF OMNIRANGE NAVIGATION				TWILIGHT GLOW
	WEATHER	NEAR W			THE GITT GEOT
		GS	WAKES . NEAR WAKES	NIGHT	FLIGHTS (AIRCRAFT)
NAVIGATI	ON INSTRUMENTS		. NEAR WARES	RT	∞ AIRCRAFT
GS	NAVIGATION AIDS	MELITRAL	BUOYANCY SIMULATION		APPROACH CONTROL
	NAVIGATION INSTRUMENTS		ENVIRONMENTAL TESTS		BLIND LANDING
	. ATTITUDE INDICATORS	45	. UNDERWATER TESTS		DARKNESS
	GYRO HORIZONS		NEUTRAL BUOYANCY SIMULATION		FLIGHT INSTRUMENTS
	COMPASSES GYROCOMPASSES		SIMULATION		INSTRUMENT APPROACH
	MAGNETIC COMPASSES		. ENVIRONMENT SIMULATION		INSTRUMENT LANDING SYSTEMS
	SOLAR COMPASSES		SPACE ENVIRONMENT SIMULATION		NAP-OF-THE-EARTH NAVIGATION RADAR
	. RADIO DIRECTION FINDERS		WEIGHTLESSNESS SIMULATION		RADIO BEACONS
	AIRCRAFT EQUIPMENT		NEUTRAL BUOYANCY SIMULATION		VISIBILITY
	AIRCRAFT INSTRUMENTS	D.T.			FIGIBIETT
	ALTIMETERS	RT	BUOYANCY SPACE SIMULATORS	NIMO	AIRCRAFT
	AUTONOMOUS NAVIGATION		WEIGHTLESSNESS	UF	NAMC AIRCRAFT
	BORESIGHT ERROR		WEIGHT ELOONED	GS	NIHON AIRCRAFT
	FLIGHT CONTROL	MELITRA	CURRENTS	40	, YS-11 AIRCRAFT
	FLIGHT INSTRUMENTS GIMBALLESS INERTIAL NAVIGATION	RT	CURRENT DISTRIBUTION	RT	∞ AIRCRAFT
	HORIZON SCANNERS	•••	GRAVITATIONAL COLLAPSE		
	HYBRID NAVIGATION SYSTEMS		NEUTRAL PARTICLES	NIHO	N YS-11 AIRCRAFT
	INERTIAL PLATFORMS		NEUTRINOS		YS-11 AIRCRAFT
	INSTRUMENTS		NEUTRON STARS		
	KALMAN-SCHMIDT FILTERING		PARTICLE INTERACTIONS	NIKE	BOOSTER ROCKET ENGINES
	LASER RANGE FINDERS		STELLAR EVOLUTION	GS	ENGINES
	LIGHT AIRBORNE MULTIPURPOSE		0.4050		. ROCKET ENGINES
	SYSTEM		L <b>GASES</b> GASES		. BOOSTER ROCKET ENGINES
	LORAC NAVIGATION SYSTEM LORAN	GS	. NEUTRAL GASES		NIKE BOOSTER ROCKET ENGINES
	MEASURING INSTRUMENTS	RT	COSMIC GASES		. SOLID PROPELLANT ROCKET ENGINES
	POSITION INDICATORS	• • • •	H I REGIONS		NIKE BOOSTER ROCKET ENGINES
	RADAR		HYDROGEN CLOUDS	RT	∞NIKE ROCKETS
	SOLAR SENSORS		INTERPLANETARY GAS	111	Withing Hookers
	STAR TRACKERS		INTERSTELLAR GAS	NIKE	MISSILES
	TERCOM		IONIZED GASES	GS	MISSILES
			NEUTRAL ATMOSPHERES NEUTRAL ATOMS		. SURFACE TO AIR MISSILES
NAVIGAT	ION SATELLITES		PLASMAS (PHYSICS)		. NIKE MISSILES
	ARTIFICIAL SATELLITES		PLASMAS (FITTSIOO)		NIKE-AJAX MISSILE
	NAVIGATION SATELLITES	NEWTON	I METHODS		NIKE-HERCULES MISSILE
	AEROSAT SATELLITES	GS	ANALYSIS (MATHEMATICS)		NIKE-ZEUS MISSILE ANTIAIRCRAFT MISSILES
	. EXPLORER 22 SATELLITE		NUMERICAL ANALYSIS	RT	ANTIMISSILE MISSILES
	NAVIGATION TECHNOLOGY		APPROXIMATION		∞NIKE ROCKETS
	SATELLITES		NEWTON METHODS		SENTINEL SYSTEM
	NAVSTAR SATELLITES NOVA SATELLITES		NEWTON-RAPHSON METHOD		
	. REFSAT		. ITERATION	NIKE	PROJECT
	. TRANSIT ATTITUDE CONTROL	RT	NEWTON METHODS ITERATIVE SOLUTION	GS	PROGRAMS
	SATELLITE	n,	PROBLEM SOLVING		. PROJECTS
	TRANSIT SATELLITES		ROOTS OF EQUATIONS		NIKE PROJECT  NIKE ROCKETS
RT	ACTIVE SATELLITES			AT	∞ NIKE HUCKEIS
	ATS GEODETIC SATELLITES	NEWTO	PRESSURE LAW		ROCKET VEHICLES
	LOCATES SYSTEM	GS	LAWS	RIKE	ROCKET VEHICLES
	METEOROLOGICAL SATELLITES		. NEWTON PRESSURE LAW	GS	MULTISTAGE ROCKET VEHICLES
	MILITARY SPACECRAFT	RT	COMPRESSIBLE FLOW		NIKE ROCKET VEHICLES
	NAUTICAL CHARTS		LAMINAR FLOW		NIKE-APACHE ROCKET VEHICLE
	PASSIVE SATELLITES		NEWTONIAN FLUIDS		NIKE-CAJUN ROCKET VEHICLE
	SATELLITE NAVIGATION SYSTEMS		PRANDTL-MEYER EXPANSION PRESSURE		NIKE-HYDAC ROCKET VEHICLE
	SATELLITE NETWORKS		PRESSURE DISTRIBUTION		NIKE-IROQUOIS ROCKET VEHICLE
	SYNCHRONOUS SATELLITES		THESCORE BIOTHISOTION		NIKE-JAVELIN ROCKET VEHICLE NIKE-TOMAHAWK ROCKET VEHICLE
	TRANSIT NAVIGATION SYSTEM	NEWTO	N-BUSEMANN LAW	O.T.	
		GS	LAWS	RT	∞ NIKE ROCKÉTS ∞ VEHICLES
NAVIGA		u o	. NEWTON-BUSEMANN LAW		W TELLIOSEO
GS	PERSONNEL			~ MIKE	ROCKETS
	NAVIGATORS	MEMIC	N-RAPHSON METHOD	∞ NINE SN	(USE OF A MORE SPECIFIC TERM IS
AT	FLIGHT CREWS	GS	ANALYSIS (MATHEMATICS)	J.,	RECOMMENDED-CONSULT THE TERMS
	FLYING PERSONNEL		NUMERICAL ANALYSIS		LISTED BELOW)
			APPROXIMATION	AT	
	AIRCRAFT		NEWTON METHODS		NIKE MISSILES
GS	NAVION AIRCRAFT		NEWTON-RAPHSON METHOD		NIKE PROJECT
DT	. G-1 AIRCRAFT	RT	∞ METHODOLOGY		NIKE ROCKET VEHICLES
RT a	• AIRCRAFT			MINE	X SYSTEMS
			NIAN FLUIDS	RIKE	
	G-1 AIRCRAFT	RT	ANISOTROPIC FLUIDS	us	. MISSILE SYSTEMS
USE	G-1 AIRCRAFT		∞FLUIDS		

NAVION G-1 AIRCRAFT USE G-1 AIRCRAFT

### **NIKE-AJAX MISSILE**

NIKE X SYSTEMS-(CONT.)
...NIKE X SYSTEMS
RT ANTIMISSILE MISSILES MISSILES SURFACE TO AIR MISSILES ∞ SYSTEMS

NIKE-AJAX MISSILE MISSILES

RT

. ANTIAIRCRAFT MISSILES . NIKE-AJAX MISSILE SURFACE TO AIR MISSILES . . NIKE MISSILES ARGO ROCKET VEHICLES EXOS SOUNDING ROCKET

LIQUID PROPELLANT ROCKET ENGINES SOLID PROPELLANT ROCKET ENGINES TRAILBLAZER 1 REENTRY VEHICLE

NIKE-APACHE ROCKET VEHICLE
GS ROCKET VEHICLES

MULTISTAGE ROCKET VEHICLES
. NIKE ROCKET VEHICLES
. NIKE-APACHE ROCKET VEHICLE RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ASP ROCKET

ASP ROCKET VEHICLE

NIKE-CAJUN ROCKET VEHICLE GS ROCKET VEHICLES

HOCKET VEHICLES

... MULTISTAGE ROCKET VEHICLES

... NIKE ROCKET VEHICLE

CAJUN ROCKET VEHICLE

CAJUN ROCKET VEHICLE

SOLID PROPELLANT ROCKET ENGINES

NIKE-HERCULES MISSILE

MISSILES ANTIAIRCRAFT MISSILES

. NIKE-HERCULES MISSILE
. SURFACE TO AIR MISSILES
. NIKE MISSILES

... NIKE-HERCULES MISSILE
SOLID PROPELLANT ROCKET ENGINES RT

NIKE-HYDAC ROCKET VEHICLE

ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES . . NIKE ROCKET VEHICLES . . . NIKE-HYDAC ROCKET VEHICLE ~VEHICLES

NIKE-IROQUOIS ROCKET VEHICLE

ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES NIKE ROCKET VEHICLES
NIKE-IROQUOIS ROCKET VEHICLE

NIKE-JAVELIN ROCKET VEHICLE

ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES NIKE ROCKET VEHICLES

NIKE-JAVELIN ROCKET VEHICLE SOLID PROPELLANT ROCKET ENGINES SOUNDING ROCKETS

NIKE-TOMAHAWK ROCKET VEHICLE

ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES NIKE ROCKET VEHICLES
. NIKE-TOMAHAWK ROCKET VEHICLE SOLID PROPELLANT ROCKET ENGINES RT

NIKE-ZEUS MISSILE UF ZEUS MISSILE

MISSILES ANTIMISSILE MISSILES
. NIKE-ZEUS MISSILE

. SURFACE TO AIR MISSILES . . NIKE MISSILES NIKE-ZEUS MISSILE

SOLID PROPELLANT ROCKET ENGINES SPARTAN MISSILE RT SPRINT MISSILE

NITRAMINE PROPELLANTS

**PROPELLANTS** 

BOCKET PROPELLANTS NITRAMINE PROPELLANTS SOLID PROPELLANTS

NITRAMINE PROPELLANTS-(CONT.)
... NITRAMINE PROPELLANTS

**OXIDIZERS** 

NOE NAVIGATION

USE NAP-OF-THE-EARTH NAVIGATION

NOISE ATTENUATION
USE NOISE REDUCTION

NOISE ELIMINATION

NOISE REDUCTION USF

NOISE INJURIES GS INJURIES

NOISE INJURIES EAR PROTECTORS

NOISE INTENSITY

AIRCRAFT NOISE AUDITORY STIMULI EFFECTIVE PERCEIVED NOISE LEVELS ELECTROMAGNETIC NOISE 
∞ INTENSITY PROPELLER NOISE **PSYCHOACOUSTICS** 

SIRENS

MOISE MEASUREMENT
GS ACOUSTIC MEASUREMENT
. NOISE MEASUREMENT AERODYNAMIC NOISE AIRCRAFT NOISE BACKGROUND NOISE JET AIRCRAFT NOISE LOUDNESS RT ∞ MEASUREMENT NOISE (SOUND) PROPELLER NOISE SOUND INTENSITY

SOUND INTENSITY

NOISE POLLUTION POLLUTION

GS

NOISE POLLUTION ACOUSTICS AUDIO FREQUENCIES ENVIRONMENT EFFECTS ENVIRONMENT POLLUTION ENVIRONMENTAL QUALITY HUMAN REACTIONS HUMAN TOLERANCES PHYSIOLOGICAL EFFECTS PHYSIOLOGICAL FACTORS

SOUND WAVES NOISE PREDICTION (AIRCRAFT)
UF AIRCRAFT NOISE PREDICTION

PREDICTIONS
. NOISE PREDICTION (AIRCRAFT) GS **AEROACOUSTICS** ВT

∞ AIRCRAFT AIRCRAFT NOISE ESTIMATES FORECASTING PROPELLER NOISE SOUND WAVES

LOUDNESS

MUFFLERS

RT

NOISE REDUCTION

UF NOISE ATTENUATION

NOISE ELIMINATION NOISE SUPPRESSORS
ACOUSTIC ATTENUATION
ACOUSTIC DUCTS
ACOUSTIC RETROFITTING ACOUSTICS ACCOSTICS
AERODYNAMIC NOISE
AIRCRAFT NOISE
COAXIAL NOZZLES
DELAYED FLAP APPROACH
EAR PROTECTORS ECHO SUPPRESSORS
EFFECTIVE PERCEIVED NOISE LEVELS
ELECTRICAL GROUNDING ELECTROMAGNETIC INTERFERENCE ELECTROMAGNETIC NOISE FLIGHT RULES GRAZING FLOW HELMHOLTZ RESONATORS INTERFERENCE IMMUNITY ISOLATORS
JET AIRCRAFT NOISE

NOISE REDUCTION-(CONT.)
PROPELLER NOISE
QUIET ENGINE PROGRAM ∞ REDUCTION
SHOCK WAVE ATTENUATION

SILENCE SQUELCH CIRCUITS SUPPRESSORS SYNCHROPHASING VIBRATION ISOLATORS

NOISE SPECTRA **SPECTRA** GS

. NOISE SPECTRA ACOUSTIC FREQUENCIES BACKGROUND NOISE

CHANNEL NOISE **ELECTROMAGNETIC COMPATIBILITY** ELECTROMAGNETIC NOISE ELECTROMAGNETIC SPECTRA NOISE (SOUND)
RADIATION SPECTRA
RANDOM NOISE RANDOM SIGNALS SHOCK SPECTRA SIGNAL TO NOISE RATIOS

WHITE NOISE

NOISE SUPPRESSORS
USE NOISE REDUCTION

NOISE TEMPERATURE

**TEMPERATURE** GS NOISE TEMPERATURE
ELECTROMAGNETIC NOISE
ELECTRON ENERGY ELECTRON STATES
TEMPERATURE MEASUREMENT

THERMAL NOISE

NOMAD LAUNCH VEHICLE
GS LAUNCH VEHICLES
. NOMAD LAUNCH VEHICLE

NOMAD LAUNCH VEHICLES

SINGLE STAGE ROCKET VEHICLES

NOMAD LAUNCH VEHICLE
ATLAS LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES

RT

NOMINAL VALUES
USE APPROXIMATION

**NOMOGRAMS** 

USE **NOMOGRAPHS** 

MOMOGRAPHS

ISOPLETHS UF NOMOGRAMS ANALYSIS (MATHEMATICS)

GS . NUMERICAL ANALYSIS **NOMOGRAPHS** 

CHARTS RT

**GRAPHS (CHARTS)** 

NONADIABATIC CONDITIONS

CONDITIONS GS

. NONADIABATIC CONDITIONS ENERGY TRANSFER

HEAT TRANSFER

NONISOTHERMAL PROCESSES THERMODYNAMICS

NONADIABATIC PROCESSES
USE HEAT TRANSFER

NONADIABATIC THEORY
RT ADIABATIC EQUATIONS CHARGED PARTICLES ENERGY DISSIPATION IONIZATION CROSS SECTIONS MAGNETIC DISTURBANCES ∞ THEORIES WAVE PROPAGATION

NONCONDENSABLE GASES

GS

NONCONDENSABLE GASES CRITICAL TEMPERATURE GAS-LIQUID INTERACTIONS LIQUEFACTION

NONDESTRUCTIVE TESTS FLAW DETECTION GS NONDESTRUCTIVE TESTS

NONDESTRUCTIVE TESTS-(CONT.) . NEUTRON RADIOGRAPHY	NONLINEAR EVOLUTION EQUATIONS-(CONT.) . NONLINEAR EQUATIONS	NOSE CAPS USE NOSE CONES
RT ACOUSTIC EMISSION	. NONLINEAR EVOLUTION EQUATIONS	
ADHESION TESTS	ANALYSIS (MATHEMATICS)	NOSE CONES
CHEMICAL TESTS	. REAL VARIABLES	UF NOSE CAPS
DESTRUCTIVE TESTS	NONLINEAR EQUATIONS	GS CONES
ELECTRONIC EQUIPMENT TESTS ENGINE TESTS	NONLINEAR EVOLUTION EQUATIONS	. <b>NOSE CONES</b> ABLATIVE NOSE CONES
HARDNESS TESTS	RT DIFFERENCE EQUATIONS	. ROCKET NOSE CONES
HIGH TEMPERATURE TESTS	∞ EQUATIONS	FOREBODIES
INSPECTION		NOSES (FOREBODIES)
LOAD TESTS	NONNEWTONIAN FLOW	NOSE CONES
LOW TEMPERATURE TESTS	GS FLUID FLOW	ABLATIVE NOSE CONES
∞ MATERIALS TESTS PHOTOACOUSTIC MICROSCOPY	. NONNEWTONIAN FLOW	ROCKET NOSE CONES RT ABLATIVE MATERIALS
QUALITY CONTROL	RT LIQUID FLOW STEADY FLOW	BLUNT BODIES
RADIOGRAPHY	THIXOTROPY	∞ CAPS
RELIABILITY	UNSTEADY FLOW	CIRCULAR CONES
SH WAVES	VISCOELASTICITY	HALF CONES
STATIC TESTS	VISCOPLASTICITY	MISSILE COMPONENTS OGIVES
THERMOGRAPHY		REENTRY SHIELDING
TOLERANCES (MECHANICS)	NONOHMIC EFFECT RT BARRIER LAYERS	REENTRY VEHICLES
ULTRASONIC FLAW DETECTION	CONTACT RESISTANCE	SPACECRAFT COMPONENTS
ULTRASONIC SPECTROSCOPY	∞ EFFECTS	SPACECRAFT SHIELDING
ULTRASONIC TESTS X RAY INSPECTION	SPACE CHARGE	SPHERICAL CAPS WARHEADS
A HAT INSPECTION		WARINEADS
NONEQUILIBRIUM DRAG	NONUNIFORM FLOW	NOSE FINS
USE FRICTION DRAG	GS FLUID FLOW	GS FINS
	. NONUNIFORM FLOW RT FLOW CHARACTERISTICS	. NOSE FINS
NONEQUILIBRIUM FLOW	RT FLOW CHARACTERISTICS  GAS FLOW	RT CONTROL SURFACES
GS FLUID FLOW	TURBULENT FLOW	FINNED BODIES
. GAS FLOW <b>Nonequilibrium Flow</b>	UNIFORM FLOW	NOSES (FOREBODIES)
RT EQUILIBRIUM FLOW	UNSTEADY FLOW	VANES
∞ FLUIDS		NOSE INLETS
HEAT TRANSMISSION	NONVISCOUS FLOW	GS INTAKE SYSTEMS
OSCILLATING FLOW	USE INVISCID FLOW	. NOSE INLETS
QUASI-STEADY STATES		RT AIR INTAKES
UNSTEADY FLOW	NORD AIRCRAFT GS NORD AIRCRAFT	ANNULAR DUCTS
NONFLAMMABLE MATERIALS	. C-160 AIRCRAFT	BYPASS RATIO
RT ASBESTOS	MH-262 AIRCRAFT	DUCTED BODIES DUCTS
FIREPROOFING	, NORD 1500 AIRCRAFT	HYPERSONIC INLETS
∞ INORGANIC MATERIALS	RT ∞AIRCRAFT	INLET AIRFRAME CONFIGURATIONS
KEVLAR (TRADEMARK)		NACELLES
∞ MATERIALS OXIDES	NORD 262 AIRCRAFT	NOSES (FOREBODIES)
REFRACTORY MATERIALS	USE MH-262 AIRCRAFT	SCOOPS SIDE INLETS
	HORMAL BURGE WAVES	SUPERSONIC INLETS
NONISOTHERMAL PROCESSES	NORMAL SHOCK WAVES  GS ELASTIC WAVES	∞WATER INTAKES
RT ENERGY TRANSFER	. SHOCK WAVES	
HEAT TRANSFER	NORMAL SHOCK WAVES	NOSE TIPS
NONADIABATIC CONDITIONS PRESSURE EFFECTS	RT LONGITUDINAL WAVES	GS TIPS
∞ PROCESSES	MAGNETOHYDRODYNAMIC WAVES	. NOSE TIPS
TEMPERATURE GRADIENTS	OBLIQUE SHOCK WAVES PLANE WAVES	RT AERODYNAMIC CONFIGURATIONS AIRFOIL PROFILES
THERMODYNAMICS	SHOCK LAYERS	NOSES (FOREBODIES)
	Grison Bright	110020 (1 0112202120)
NONISOTROPY	NORTH AMERICAN AIRCRAFT	NOSE WHEELS
USE ANISOTROPY	GS NORTH AMERICAN AIRCRAFT	GS WHEELS
NONLIFTING VEHICLES	. A-2 AIRCRAFT	. VEHICLE WHEELS
USE BALLISTIC VEHICLES	. A-5 AIRCRAFT	. NOSE WHEELS
	. B-1 AIRCRAFT . B-70 AIRCRAFT	RT BRAKES (FOR ARRESTING MOTION) LANDING GEAR
NONLINEAR EQUATIONS	. F-86 AIRCRAFT	Data de la
GS ALGEBRA	. F-100 AIRCRAFT	NOSES (FOREBODIES)
. NONLINEAR EQUATIONS CUBIC EQUATIONS	. OV-10 AIRCRAFT	GS FOREBODIES
. DUFFING DIFFERENTIAL EQUATION	. P-51 AIRCRAFT . T-2 AIRCRAFT	NOSES (FOREBODIES)
MONGE-AMPERE EQUATION	T-28 AIRCRAFT	NOSE CONES
NONLINEAR EVOLUTION EQUATIONS	. T-39 AIRCRAFT	ABLATIVE NOSE CONES ROCKET NOSE CONES
QUADRATIC EQUATIONS	. X-15 AIRCRAFT	RT AIRCRAFT STRUCTURES
QUARTIC EQUATIONS	RT ∞AIRCRAFT	∞ NOSE
ANALYSIS (MATHEMATICS) . REAL VARIABLES		NOSE FINS
. NONLINEAR EQUATIONS	NORTHROP AIRCRAFT	NOSE INLETS
CUBIC EQUATIONS	GS NORTHROP AIRCRAFT	NOSE TIPS
DUFFING DIFFERENTIAL EQUATION	. A-9 AIRCRAFT . F-5 AIRCRAFT	
MONGE-AMPERE EQUATION	. F-18 AIRCRAFT	NOVA LAUNCH VEHICLES  GS LAUNCH VEHICLES
NONLINEAR EVOLUTION EQUATIONS	. F-20 AIRCRAFT	. NOVA LAUNCH VEHICLES
QUADRATIC EQUATIONS	. F-89 AIRCRAFT	ROCKET VEHICLES
QUARTIC EQUATIONS	. T-38 AIRCRAFT	. MULTISTAGE ROCKET VEHICLES
RT BORN-INFELD THEORY	. X-21 AIRCRAFT	. NOVA LAUNCH VEHICLES
DIFFERENTIAL EQUATIONS	. X-21A AIRCRAFT RT ∞AIRCRAFT	RT F-1 ROCKET ENGINE
∞EQUATIONS FIELD THEORY (ALGEBRA)	COLUMN TO THE TOTAL TOTA	J-2 ENGINE LIQUID PROPELLANT ROCKET ENGINES
INTEGRAL EQUATIONS	∞ NOSE	M-1 ENGINE
POLYNOMIALS	SN (USE OF A MORE SPECIFIC TERM IS	∞ NOVA
ROOTS OF EQUATIONS	RECOMMENDED-CONSULT THE TERMS	∞ VEHICLES
	LISTED BELOW)	NOTE COEFFOREIT
NONLINEAR EVOLUTION EQUATIONS	RT NOSE (ANATOMY)	NOZZLE COEFFICIENT USE NOZZLE FLOW
GS ALGEBRA	NOSES (FOREBODIES)	OUL HOLELE I LOTT

### NOZZLE DESIGN

NOZZLES-(CONT.) NUMERICAL INTEGRATION-(CONT.) NOZZLE DESIGN ... NUMERICAL INTEGRATION
... RUNGE-KUTTA METHOD
DIFFERENTIAL EQUATIONS INJECTORS ∞ DESIGN INLET NOZZLES NOZZLE DESIGN ENGINE DESIGN ∞ NOZZLES NOZZLE EFFICIENCY DIGITAL INTEGRATORS INTEGRAL CALCULUS NOZZLE GEOMETRY NOZZLE EFFICIENCY NOZZLE INSERTS NOZZLE WALLS **EFFICIENCY** GS **NUMERICAL STABILITY** NOZZLE EFFICIENCY APPROXIMATION
BACKWARD DIFFERENCING ORIFICES ∞ NOZZLES OUTLETS POWER EFFICIENCY PIPE NOZZLES
PLUG NOZZLES DIFFERENCE EQUATIONS PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY DIFFERENTIAL EQUATIONS STRANGE ATTRACTORS ROCKET NOZZLES SHROUDED NOZZLES SONIC NOZZLES NOZZLE FLOW NUSSELT NUMBER GS RATIOS NOZZLE COEFFICIENT SPIKE NOZZLES FLUID FLOW GS SPRAY NOZZLES SPRAYERS . DIMENSIONLESS NUMBERS . NOZZLE FLOW AEROTHERMOCHEMISTRY ANNULAR FLOW .. NUSSELT NUMBER CONVECTIVE HEAT TRANSFER RT SUPERSONIC NOZZLES
TRANSONIC NOZZLES RT HEAT TRANSFER CORNER FLOW TURBINES PRANDTL NUMBER DISCHARGE COEFFICIENT EXHAUST GASES VENTS WIND TUNNEL NOZZLES EXHAUST NOZZLES FISSIONABLE MATERIALS FLOW GEOMETRY NRX REACTORS NUCLEAR REACTORS 0 FLUID INJECTION LIQUID COOLED REACTORS
WATER COOLED REACTORS INJECTORS JET FLOW NRX REACTORS OBLIQUE SHOCK WAVES
GS ELASTIC WAVES OUTLET FLOW PNEUMATIC PROBES NUCLEAR RESEARCH AND TEST REACTORS SUPERSONIC JET FLOW SHOCK WAVES

OBLIQUE SHOCK WAVES NRX REACTORS TRANSONIC FLOW RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET MAGNETOHYDRODYNAMIC WAVES NORMAL SHOCK WAVES SHOCK LAYERS NOZZLE GEOMETRY GEOMETRY GEOMETRY
COAXIAL NOZZLES
CONICAL NOZZLES
CONVERGENT NOZZLES SUPERSONIC COMPRESSORS NUCLEAR GYROSCOPES RT GYROSCOPES **OBLIQUE WINGS** NUCLEAR GYROSCOPES CONVERGENT-DIVERGENT NOZZLES DISCHARGE COEFFICIENT WINGS OBLIQUE WINGS NUCLEAR LIGHTBULB ENGINES DIVERGENT NOZZLES
MASS FLOW FACTORS AERODYNAMIC CONFIGURATIONS AIRCRAFT PARTS AIRCRAFT STRUCTURES ENGINES . ROCKET ENGINES ∞ NOZZLES NUCLEAR ROCKET ENGINES DRONE AIRCRAFT
PILOTLESS AIRCRAFT
REMOTELY PILOTED VEHICLES PIPE NOZZLES NUCLEAR LIGHTBULB ENGINES
GASEOUS FISSION REACTORS PLUG NOZZLES SHROUDED NOZZLES RT SPIKE NOZZLES WING PLANFORMS NUCLEAR PROPELLED AIRCRAFT THROATS ∞ AIRCRAFT

∞ MILITARY AIRCRAFT OBSERVATION AIRCRAFT OBSERVATION AIRCRAFT NOZZLE INSERTS RESEARCH AIRCRAFT A-2 AIRCRAFT BREGUET 1150 AIRCRAFT INSERTS GS NOZZLE INSERTS NUCLEAR RAMJET ENGINES CESSNA L-19 AIRCRAFT CL-84 AIRCRAFT E-2 AIRCRAFT ABLATIVE MATERIALS ENGINES . ROCKET ENGINES CHOKES CONICAL NOZZLES NUCLEAR RAMJET ENGINES F-5 AIRCRAFT G-91 AIRCRAFT CONVERGENT-DIVERGENT NOZZLES PLUTO REACTORS EXHAUST NOZZLES ~ ROCKETS G-95/4 AIRCRAFT ~ NOZZLES SUPERSONIC LOW ALTITUDE MISSILE MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT ROCKET NOZZLES THROATS NUCLEAR ROCKET ENGINES OH-4 HELICOPTER THERMIONIC REACTORS ENGINES OH-5 HELICOPTER OH-6 HELICOPTER **NOZZLE WALLS** GS GS WALLS . ROCKET ENGINES OV-1 AIRCRAFT NOZZLE WALLS NUCLEAR ROCKET ENGINES
. NUCLEAR LIGHTBULB ENGINES OV-10 AIRCRAFT P-1127 AIRCRAFT P-1154 AIRCRAFT RB-50 AIRCRAFT CONICAL NOZZLES
CONVERGENT NOZZLES RT BOOSTER ROCKET ENGINES DIVERGENT NOZZLES
JET AMPLIFIERS ION ENGINES MERCURY ION ENGINES
PHOEBUS NUCLEAR REACTOR
PLUTO REACTORS RF-4 AIRCRAFT TSR-2 AIRCRAFT U-2 AIRCRAFT ∞ NOZZLES REFRACTORY MATERIALS
SHROUDED NOZZLES ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT RESTARTABLE ROCKET ENGINES THROATS ROCKETS ARC CLOUDS SUSTAINER ROCKET ENGINES ∞ NOZZLES BALLOONS , (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS FLYING PLATFORMS GLIDERS **NUCLEAR WARHEADS WEAPONS** LISTED BELOW) HS-801 AIRCRAFT KUIPER AIRBORNE OBSERVATORY WARHEADS ACOUSTIC NOZZLES
ANNULAR NOZZLES **AT** NUCLEAR WARHEADS LIGHT AIRCRAFT ATOMIZERS LIGHT HELICOPTERS

MILITARY AIRCRAFT

RECONNAISSANCE AIRCRAFT NUMERICAL FLOW VISUALIZATION **BLOWERS** FLOW VISUALIZATION CHOKES GS NUMERICAL FLOW VISUALIZATION CHOKES (RESTRICTIONS)
COAXIAL NOZZLES TERRAIN FOLLOWING AIRCRAFT FLOW DISTRIBUTION UTILITY AIRCRAFT HYDRAULIC ANALOGIES CONICAL NOZZLES WEATHER RECONNAISSANCE AIRCRAFT CONVERGENT NOZZLES CONVERGENT-DIVERGENT NOZZLES NUMERICAL INTEGRATION
UF COWELL METHOD OBSTACLES ∞ DIFFUSERS BARRIERS DIVERGENT NOZZLES
DUAL THRUST NOZZLES ANALYSIS (MATHEMATICS) USE GS NUMERICAL ANALYSIS . NUMERICAL INTEGRATION

RUNGE-KUTTA METHOD

MEASURE AND INTEGRATION

REAL VARIABLES

OCCLUSION

DEGASSING

GAS-METAL INTERACTIONS

GAS-SOLID INTERFACES

EXHAUST NOZZLES

FLOW MEASUREMENT FUNNELS

HYPERSONIC NOZZLES

# OPTICAL MEASUREMENT

OPENINGS-(CONT.)
CRACKS OMNIPOL L-29 AIRCRAFT occlusion-(CONT.) L-29 JET TRAINER CURTAINS DOORS OMNIPOL Z-37 AIRCRAFT USE Z-37 AIRCRAFT DUCT GEOMETRY ∞ OCTANE (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS DUCTS SN **FGRESS** OMNIRANGE NAVIGATION
USE VHF OMNIRANGE NAVIGATION EXHAUST NOZZLES LISTED BELOW) EXHAUST SYSTEMS ANTIKNOCK ADDITIVES RT GAPS
GATES (OPENINGS)
INGRESS (SPACECRAFT PASSAGEWAY)
INLET NOZZLES ONBOARD EQUIPMENT
GS ONBOARD EQUIPMENT
AIRBORNE EQUIPMENT
AIRBORNE/SPACEBORNE OCTANES OCTANE NUMBER INTAKE SYSTEMS
ORIFICES
OUTLETS GASOLINE COMPUTERS LIGHT AIRBORNE MULTIPURPOSE OGEE WINGS SYSTEM TERCOM VARIABLE SWEEP WINGS **PASSAGEWAYS** USE PERFORATED PLATES
PIPE NOZZLES AIRBORNE LASERS
AIRCRAFT EQUIPMENT
. BOMBING EQUIPMENT **OGIVES** SLOTS BODIES OF REVOLUTION **VENTS ELLIPSOIDS EJECTION SEATS** WINDOWS (APERTURES) FAIRINGS . FLYING EJECTION SEATS TERCOM NOSE CONES OPERATING TEMPERATURE SPACECRAFT EQUIPMENT
SPACECRAFT ELECTRONIC
EQUIPMENT SPHERES TEMPERATURE
OPERATING TEMPERATURE
AMBIENT TEMPERATURE STREAMLINED BODIES GS SYMMETRICAL BODIES RT AIRBORNE SURVEILLANCE RADAR COMBUSTION TEMPERATURE
HIGH TEMPERATURE OH-4 HELICOPTER
UF HO-4 HELICOPTER
GS BELL AIRCRAFT
. OH-4 HELICOPTER
LIGHT AIRCRAFT
. LIGHT HELICOPTERS
. OH-4 HELICOPTER
OBSERVATION AIRCRAFT
. OH-4 HELICOPTER
V/STOL AIRCRAFT
DOTABLY WING AIRCRAF MAIRCRAFT BUBBLE TECHNIQUE
CREW PROCEDURES (PREFLIGHT)
EQUIPMENT SUPERCONDUCTORS ROOM TEMPERATURE WALL TEMPERATURE FLIGHT INSTRUMENTS
FLIGHT OPERATIONS
FLIGHT SAFETY OPERATIONAL HAZARDS
GS HAZARDS HEATING EQUIPMENT LIFE SUPPORT SYSTEMS LIGHTING EQUIPMENT OPERATIONAL HAZARDS
AIR PIRACY
AIRCRAFT HAZARDS ВT RADAR EQUIPMENT
RADIO EQUIPMENT
SPACECRAFT INSTRUMENTS ROTARY WING AIRCRAFT CUMULATIVE DAMAGE FLIGHT HAZARDS METEOROID HAZARDS HELICOPTERS LIGHT HELICOPTERS STOWAGE (ONBOARD EQUIPMENT) SURVIVAL EQUIPMENT TELECOMMUNICATION OH-4 HELICOPTER NOISE (SOUND) OCCUPATIONAL DISEASES OH-4 HELICOPTER RADIATION HAZARDS ™TEST EQUIPMENT
TRAINING DEVICES OH-5 HELICOPTER OPTICAL DEPTH
USE OPTICAL THICKNESS FH-1100 HELICOPTER HO-5 HELICOPTER FAIRCHILD-HILLER AIRCRAFT ONE DIMENSIONAL FLOW FLUID FLOW . ONE DIMENSIONAL FLOW ANNULAR FLOW GS GS OPTICAL GYROSCOPES OH-5 HELICOPTER
HILLER AIRCRAFT
OH-5 HELICOPTER RT OPTICAL GYROSCOPES AXIAL FLOW OPTICAL EQUIPMENT LIGHT AIRCRAFT
LIGHT HELICOPTERS
OH-5 HELICOPTER CORE FLOW FLOW GEOMETRY OPTICAL GYROSCOPES
LASER GYROSCOPES HUGONIOT EQUATION OF STATE THREE DIMENSIONAL FLOW OBSERVATION AIRCRAFT
OH-5 HELICOPTER ∞ OPTICS TWO DIMENSIONAL FLOW SAGNAC EFFECT PASSENGER AIRCRAFT OH-5 HELICOPTER OPTICAL MEASUREMENT ONE-PHASE FLOW (MEASUREMENTS OF OPTICAL PROPERTIES, QUANTITIES OR CONDITIONS) VISTOL AIRCRAFT SINGLE-PHASE FLOW USE ROTARY WING AIRCRAFT HELICOPTERS ONISOTROPY
USE ANISOTROPY LIGHT HELICOPTERS

OH-5 HELICOPTER

MILITARY HELICOPTERS OPTICAL MEASUREMENT
COLORIMETRY
OPTOMETRY GS ONSAGER PHENOMENOLOGICAL COEFFICIENT OH-5 HELICOPTER
RIGID ROTOR HELICOPTERS PHOTOMETRY
ASTRONOMICAL PHOTOMETRY RT GS ASTHUMOMICAL PHOTOMETRY
STELLAR SPECTROPHOTOMETRY
ELECTROPHOTOMETRY
INFRARED PHOTOMETRY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY ONSAGER PHENOMENOLOGICAL COEFFICIENT OH-6 HELICOPTER RΤ HO-6 HELICOPTER PLASMAS (PHYSICS) STATISTICAL MECHANICS LOH HELICOPTER HUGHES AIRCRAFT GS TELEPHOTOMETRY
ULTRAVIOLET PHOTOMETRY
VISUAL PHOTOMETRY VARIATIONAL PRINCIPLES OH-6 HELICOPTER LIGHT AIRCRAFT
LIGHT HELICOPTERS OPEN CHANNEL FLOW POLARIMETRY OH-6 HELICOPTER
OBSERVATION AIRCRAFT
OH-6 HELICOPTER FLUID FLOW . CHANNEL FLOW CHEMICAL ANALYSIS COLLIMATORS RT . OPEN CHANNEL FLOW LIQUID FLOW DENSITOMETERS
DIFFRACTOMETERS
ELECTRO-OPTICAL PHOTOGRAPHY V/STOL AIRCRAFT
ROTARY WING AIRCRAFT OPEN CHANNEL FLOW LAMINAR FLOW HELICOPTERS RT . LIGHT HELICOPTERS ELLIPSOMETRY EMISSIVITY MEANDERS PIPE FLOW TURBULENT FLOW WATER FLOW ETALONS MILITARY HELICOPTERS ETALONS
FARADAY EFFECT
GAMMA RAY SPECTROMETERS
GEODIMETERS
GEOMETRICAL OPTICS
GRAZING INCIDENCE OMEGA NAVIGATION SYSTEM
GS MEASURING INSTRUMENTS **OPENINGS** CUT-OUTS **OPENINGS** GHAZING INCIDENCE
INFRARED INTERFEROMETERS
INTERFEROMETERS
LIGHT (VISIBLE RADIATION)

MEASUREMENT
INTERPEDIATION (TERRO OMEGA NAVIGATION SYSTEM GS **APERTURES** NAVIGATION IRISES (MECHANICAL APERTURES)
SYNTHETIC APERTURES OMEGA NAVIGATION SYSTEM

PORTS (OPENINGS)

SLITS ANNULAR DUCTS

CAVITIES

RT

AIR NAVIGATION

HC-3 HELICOPTER

∞ SYSTEMS

OMNIPOL HC-3 HELICOPTER

RT

USE

MICRODENSITOMETERS
MODULATION TRANSFER FUNCTION
NEPHELOMETERS

# OPTICAL MEASURING INSTRUMENTS

OPTICAL	MEASUREMENT-(CONT.)	OPTION	MEAGURING MOTHUMENTO (COME)		CONT.
OPTICAL	OPTICS	OPTICAL	L MEASURING INSTRUMENTS-(CONT.) TRANSITS	OPTIMA	L CONTROL-(CONT.) FEEDBACK CONTROL
•	PHASE CONTRAST		THEODOLITES		FEEDFORWARD CONTROL
	PHOTOGRAPHIC MEASUREMENT		CINETHEODOLITES		INVENTORY CONTROLS
	PHOTOMETERS		TRANSMISSOMETERS		KALMAN-SCHMIDT FILTERING
	POLARIMETERS	RT	ABSORPTION SPECTROSCOPY		MODEL REFERENCE ADAPTIVE
	RAY TRACING		CINESPECTROGRAPHS		CONTROL
	REFLECTANCE REFLECTOMETERS		COLORIMETRY DENSITOMETERS		PARAMETER IDENTIFICATION TRACKING PROBLEM
	REFRACTOMETERS		FABRY-PEROT SPECTROMETERS		TRAJECTORY CONTROL
	RONCHI TEST		FAINT OBJECT CAMERA		THE STATE OF THE S
	SPECTRAL SIGNATURES		GONIOMETERS	OPTIMUI	M CONTROL
	SPECTROMETERS		GUIDANCE SENSORS		OPTIMAL CONTROL
	SPECTROPHOTOMETERS STROBOSCOPES		INFRARED INTERFEROMETERS		
	STRUBUSCUPES		INTERFEROMETERS LASER DOPPLER VELOCIMETERS		M THRUST PROGRAMMING
OPTICAL	MEASURING INSTRUMENTS		MACH-ZEHNDER INTERFEROMETERS	USE	THRUST PROGRAMMING
	(INSTRUMENTS UTILIZING OPTICAL		MICROSCOPES	OPRITAL	. ASSEMBLY
	PRINCIPLES FOR MEASUREMENT)		MIROS SYSTEM	UF	CONSTRUCTION IN SPACE
	OPTICAL SENSORS		MONOCHROMATORS	0,	SPACECRAFT ORBITAL ASSEMBLY
	MEASURING INSTRUMENTS		MULTISPECTRAL TRACKING TELESCOPES	GS	ASSEMBLING
	OPTICAL MEASURING INSTRUMENTS CATHETOMETERS		OPTICAL BISTABILITY		ORBITAL ASSEMBLY
	. DIFFRACTOMETERS	a	OPTICS	AT	EXPANDABLE STRUCTURES
	. EBERT SPECTROMETERS		OPTOGALVANIC SPECTROSCOPY		INFLATABLE SPACECRAFT SELF ERECTING DEVICES
	ELLIPSOMETERS		PERISCOPES		SPACE ERECTABLE STRUCTURES
	ETALONS		POLARIMETRY POLARISCOPES		SPACE OPERATIONS CENTER (NASA
	GEODIMETERS HAPLOSCOPES		RADIATION MEASURING INSTRUMENTS		SPACE STATION STRUCTURES
	INFRARED SPECTROMETERS		REFLECTING TELESCOPES		SPACECRAFT MODULES
	FILTER WHEEL INFRARED		REFRACTING TELESCOPES		SPACECRAFT STRUCTURES
	SPECTROMETERS		SELF FOCUSING	OCRITAL	PPEAKID
	LIGHT SCATTERING METERS		SENARMONT POLARISCOPES		. BREAKUP SPACECRAFT BREAKUP
	. MICRODENSITOMETERS		SOLAR INSTRUMENTS	USE	SPACECHAPT BREAKUP
	NEPHELOMETERS OCULOMETERS		TELEPHOTOMETRY TELESCOPES	ORBITAL	SHOTS
	. OPTICAL PYROMETERS		TELESCOPES	AT ∝	
	. OPTICAL RANGE FINDERS	OPTICAL	PYROMETERS		SPACECRAFT LAUNCHING
	LASER RANGE FINDERS		MEASURING INSTRUMENTS		
	PHOTOGONIOMETERS		. OPTICAL MEASURING INSTRUMENTS	ORIFICE	
	PHOTOMETERS		OPTICAL PYROMETERS		FLUID FLOW
	ELECTROPHOTOMETERS		. TEMPERATURE MEASURING		. ORIFICE FLOW CRITICAL FLOW
	ULTRAVIOLET SPECTROMETERS TOTAL OZONE MAPPING		INSTRUMENTS		FLOW
•	SPECTROMETER		OPTICAL PYROMETERS OPTICAL EQUIPMENT		GAS FLOW
	ULTRAVIOLET		. OPTICAL MEASURING INSTRUMENTS		GRAZING FLOW
	SPECTROPHOTOMETERS		OPTICAL PYROMETERS		LAMINAR FLOW
	POLARIMETERS		OPTICS		LIQUID FLOW
	REFLECTOMETERS		RADIATION PYROMETERS		MULTIPHASE FLOW ORIFICES
	MICROWAVE REFLECTOMETERS REFRACTOMETERS				PIPE FLOW
	SEXTANTS		RANGE FINDERS		PRESSURE GRADIENTS
	SPECTROPHOTOMETERS		MEASURING INSTRUMENTS		SINGLE-PHASE FLOW
	INFRARED SPECTROPHOTOMETERS		. DISTANCE MEASURING EQUIPMENT RANGE FINDERS		STEADY FLOW
	ULTRAVIOLET		OPTICAL RANGE FINDERS		STEAM FLOW
	SPECTROPHOTOMETERS TRANSITS		LASER RANGE FINDERS		SUBCRITICAL FLOW SUPERCRITICAL FLOW
	THEODOLITES		. OPTICAL MEASURING INSTRUMENTS		TURBULENT FLOW
	CINETHEODOLITES		OPTICAL RANGE FINDERS		UNSTEADY FLOW
	. TRANSMISSOMETERS		LASER RANGE FINDERS OPTICAL EQUIPMENT		
	OPTICAL EQUIPMENT		. OPTICAL MEASURING INSTRUMENTS	ORIFICES	
	OPTICAL MEASURING INSTRUMENTS		OPTICAL RANGE FINDERS		ANNULAR DUCTS
	. CATHETOMETERS . DIFFRACTOMETERS		LASER RANGE FINDERS		APERTURES CAVITIES
	. EBERT SPECTROMETERS		LUNAR RANGEFINDING		CHOKES (FUEL SYSTEMS)
	ELLIPSOMETERS	90	OPTICS		CHOKES (RESTRICTIONS)
	. ETALONS				DUCTS
	. GEODIMETERS		SENSORS		FLOW MEASUREMENT
	. HAPLOSCOPES	USE	OPTICAL MEASURING INSTRUMENTS		FLOWMETERS
	INFRARED SPECTROMETERS	OPTICAL	THICKNESS		GAPS INJECTORS
•	SPECTROMETERS		OPTICAL DEPTH		NOZZLES
	. LIGHT SCATTERING METERS	RT	ANTIREFLECTION COATINGS		OPENINGS
	. MICRODENSITOMETERS		FERMAT PRINCIPLE		OPERATIONS
	NEPHELOMETERS		OPTICS		ORIFICE FLOW
	. OCULOMETERS . OPTICAL PYROMETERS		REFRACTIVITY THICKNESS		PORTS (OPENINGS)
	. OPTICAL PTROMETERS		THIORNESS		SPRAY NOZZLES THROATS
	LASER RANGE FINDERS	OPTIMAL	CONTROL		VENTURI TUBES
	. PHOTOGONIOMETERS		OPTIMUM CONTROL		
	. PHOTOMETERS	GS	AUTOMATIC CONTROL	ORION (R	ADIO INTERFEROMETRY NETWORK)
	. ELECTROPHOTOMETERS		OPTIMAL CONTROL		RADIO INTERFEROMETERS
	ULTRAVIOLET SPECTROMETERS		LINEAR QUADRATIC REGULATOR		RADIO RECEIVERS
	TOTAL OZONE MAPPING SPECTROMETER		LINEAR QUADRATIC GAUSSIAN CONTROL		TRACKING NETWORKS
	ULTRAVIOLET		TIME OPTIMAL CONTROL		
•	SPECTROPHOTOMETERS		OPTIMIZATION	ORION AI	
	. POLARIMETERS		OPTIMAL CONTROL	USE	P-3 AIRCRAFT
	REFLECTOMETERS		LINEAR QUADRATIC REGULATOR		DTED AIDODA
	. MICROWAVE REFLECTOMETERS		LINEAR QUADRATIC GAUSSIAN		PTER AIRCRAFT RESEARCH AIRCRAET
	. REFRACTOMETERS . SEXTANTS		CONTROL TIME OPTIMAL CONTROL	USE	RESEARCH AIRCRAFT
	. SPECTROPHOTOMETERS		ADAPTIVE CONTROL	ORP-6VM	MERFELD EQUATIONS
	. INFRARED SPECTROPHOTOMETERS		CONTROL		EQUATIONS
	ULTRAVIOLET		CONTROL SYSTEMS DESIGN		FLOW DISTORTION
	SPECTROPHOTOMETERS		CONTROL THEORY		FLOW STABILITY

ORR-SOMMERFELD EQUATIONS-(CONT.)
FLOW THEORY
QUANTUM MECHANICS
VELOCITY DISTRIBUTION PACKAGES-(CONT.) OXIDATION-(CONT.) REDUCTION (CHEMISTRY)
ROASTING . EREP RAGS THERMAL RESISTANCE BOXES (CONTAINERS) BUNDLES CARTRIDGES OXIDIZERS ORTHOPHOTOGRAPHY CASES (CONTAINERS) **OXIDIZERS** PHOTOGRAPHY HIGH ENERGY OXIDIZERS LIQUID OXIDIZERS LIQUID OXYGEN ∞ CONTAINERS ORTHOPHOTOGRAPHY
AERIAL PHOTOGRAPHY ∞ INSTRUMENTS PACKAGING COLOR PHOTOGRAPHY PHOTOCHEMICAL OXIDANTS ROCKET OXIDIZERS MAPPING PADE APPROXIMATION . FLOX ANALYSIS (MATHEMATICS) OSCILLATING FLOW
GS FLUID FLOW CALCULUS
SERIES (MATHEMATICS)
PADE APPROXIMATION
NUMERICAL ANALYSIS
APPROXIMATION ∞ AGENTS UNSTEADY FLOW AIR POLLUTION .. OSCILLATING FLOW BUFFETING FLUORINE RT **FUELS** COMPRESSIBILITY EFFECTS FLOW DISTORTION NONEQUILIBRIUM FLOW NITRAMINE PROPELLANTS OXIDATION .. PADE APPROXIMATION
REAL VARIABLES . SERIES (MATHEMATICS)
. PADE APPROXIMATION SMALL PERTURBATION FLOW STROUHAL NUMBER OXYGEN MASKS BREATHING APPARATUS PALMGREN-MINER RULE UF MINER RULE OSEEN APPROXIMATION ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION MASKS
OXYGEN MASKS
OXYGEN SUPPLY EQUIPMENT
OXYGEN MASKS
HIGH ALTITUDE BREATHING
LIFE SUPPORT SYSTEMS
PORTABLE LIFE SUPPORT SYSTEMS GS RULES PALMGREN-MINER RULE RT FATIGUE LIFE ... OSEEN APPROXIMATION INCOMPRESSIBLE FLUIDS PТ RT PANAVIA MILITARY AIRCRAFT NAVIER-STOKES EQUATION ∞AIRCRAFT AIRCRAFT DESIGN ROSHKO PREDICTION STOKES FLOW AIRCRAFT DESIGN
FIGHTER AIRCRAFT

∞ MILITARY AIRCRAFT

VARIABLE SWEEP WINGS

WEAPON SYSTEMS VISCOUS FLUIDS P OSPREY AIRCRAFT V-22 AIRCRAFT P WAVES PANEL FLUTTER OSPREY MISSILE GS ELASTIC WAVES VIBRATION . P WAVES COMPRESSIBLE FLUIDS STRUCTURAL VIBRATION . FLUTTER GS MISSILES OSPREY MISSILE RT J-85 ENGINE COMPRESSION WAVES CRUSTAL FRACTURES DILATATIONAL WAVES RT . PANEL FLUTTER SELF INDUCED VIBRATION OTTO CYCLE PANEL FLUTTER CYCLES S WAVES AERODYNAMIC NOISE AEROELASTICITY BENDING VIBRATION SEISMIC WAVES SURFACE WAVES THERMODYNAMIC CYCLES .. OTTO CYCLE RANKINE CYCLE RT P-3 AIRCRAFT PANEL METHOD (FLUID DYNAMICS) ORION AIRCRAFT **OV-1 AIRCRAFT** GS PROCEDURES
PANEL METHOD (FLUID DYNAMICS) AO-1 AIRCRAFT P3V AIRCRAFT GRUMMAN OV-1C AIRCRAFT MOHAWK AIRCRAFT GRUMMAN AIRCRAFT ANTISUBMARINE WARFARE AIRCRAFT GS BERNOULLI THEOREM . P-3 AIRCRAFT JET AIRCRAFT BOUNDARY LAYERS
COMPUTATIONAL FLUID DYNAMICS
FINITE ELEMENT METHOD GS **OV-1 AIRCRAFT** P-3 AIRCRAFT JET AIRCRAFT
TURBOPROP AIRCRAFT LOCKHEED AIRCRAFT
P-3 AIRCRAFT ∞FLOW FLOW THEORY .. OV-1 AIRCRAFT MONOPLANES . OV-1 AIRCRAFT FLUID DYNAMICS
FLUX VECTOR SPLITTING P-3 AIRCRAFT ∞ AIRCRAFT GAS-SOLID INTERACTIONS OBSERVATION AIRCRAFT
OV-1 AIRCRAFT

MAIRCRAFT TURBOPROP ENGINES ∞ METHODOLOGY TURBULENCE P-51 AIRCRAFT MUSTANG AIRCRAFT UF PANTHER AIRCRAFT OVERPRESSURE GS PRESSURE GS ATTACK AIRCRAFT F-9 AIRCRAFT FIGHTER AIRCRAFT
P-51 AIRCRAFT OVERPRESSURE PARABOLIC BODIES BLAST LOADS DYNAMIC PRESSURE MONOPLANES RT PARABOLOIDS . P-51 AIRCRAFT NORTH AMERICAN AIRCRAFT SYMMETRICAL BODIES
BODIES OF REVOLUTION P-51 AIRCRAFT OXIDATION PARABOLIC BODIES CHEMICAL REACTIONS SINGLE ENGINE AIRCRAFT OXIDATION

ELECTROCHEMICAL OXIDATION

PHOTOOXIDATION P-51 AIRCRAFT PARABOLIC DIFFERENTIAL EQUATIONS ∞ AIRCRAFT AT ANALYSIS (MATHEMATICS)
. REAL VARIABLES RUSTING P-84 AIRCRAFT USE JET PROVOST AIRCRAFT DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS ASSOCIATION REACTIONS CHARRING CHEMICAL ATTACK AT PARABOLIC DIFFERENTIAL PA-34 SENECA AIRCRAFT
UF SENECA AIRCRAFT **EQUATIONS** COMBUSTION CHEMISTRY ∞ EQUATIONS GS LIGHT AIRCRAFT CORROSION PIPER AIRCRAFT PARABOLIC FLIGHT DEGRADATION DEHYDROGENATION PA-34 SENECA AIRCRAFT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES ∞ AIRCRAFT RT DOPA ELECTRON TRANSFER ATLIT PROJECT CLIMBING FLIGHT COASTING FLIGHT GAW-1 AIRFOIL
GENERAL DYNAMICS AIRCRAFT **EPOXIDATION** DESCENT TRAJECTORIES **EROSIVE BURNING** FUEL COMBUSTION FLIGHT MIDCOURSE TRAJECTORIES HOT CORROSION **PACKAGES** MISSILE TRAJECTORIES SUBORBITAL FLIGHT TRAJECTORIES HYDROCARBON COMBUSTION METAL COMBUSTION **PACKAGES** . INSTRUMENT PACKAGES

APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE

EASEP

OXIDIZERS OXYGENATION

PASSIVITY

WEIGHTLESSNESS

WEIGHTLESSNESS SIMULATION

### **PARABOLOIDS**

**PARABOLOIDS** PARAWINGS PASSAGEWAYS-(CONT.) PARABOLIC BODIES USE **AIRFOILS** GS CAVITIES CORRIDORS WINGS . FLEXIBLE WINGS GAPS NOTCHES PARACHUTE DESCENT PARAWINGS PARACHUTING AT AIR DROP OPERATIONS FOLDING STRUCTURES **OPENINGS** GS DESCENT PATHS PARACHUTE DESCENT HANG GLIDERS ROADS RT BAILOUT **PARACHUTES** ∞ TUNNELS FJECTION PARAGLIDERS UNDERGROUND STRUCTURES EJECTION TRAINING VESTIBULES ESCAPE (ABANDONMENT) ∞ PARKING FREE FALL . (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) PASSENGER AIRCRAFT PARACHUTES EXECUTIVE AIRCRAFT
PASSENGER AIRCRAFT PARACHUTE FABRICS
GS FABRICS RT BAC 111 AIRCRAFT BO-105 HELICOPTER RAMPS (STRUCTURES) PARACHUTE FABRICS BOEING 707 AIRCRAFT BOEING 707 AIRCRAFT BOEING 720 AIRCRAFT BOEING 727 AIRCRAFT BOEING 737 AIRCRAFT BOEING 747 AIRCRAFT BOEING 757 AIRCRAFT BOEING 767 AIRCRAFT BOEING 2707 AIRCRAFT BREGUET 941 AIRCRAFT C-33 AIRCRAFT RT FORTISAN (TRADEMARK) PARTIAL DIFFERENTIAL EQUATIONS **GORES** ANALYSIS (MATHEMATICS) **PARACHUTES** . . DIFFERENTIAL EQUATIONS **PARACHUTES** PARTIAL DIFFERENTIAL EQUATIONS **PARACHUTES** BIHARMONIC EQUATIONS
BURGER EQUATION
CAUCHY-RIEMANN EQUATIONS DRAG CHUTES RECOVERY PARACHUTES C-33 AIRCRAFT C-35 AIRCRAFT RIBBON PARACHUTES . ROTOCHUTES AERODYNAMIC BRAKES ELLIPTIC DIFFERENTIAL RT C-46 AIRCRAFT EQUATIONS
MONGE-AMPERE EQUATION AIR DROP OPERATIONS AIRDROPS CESSNA 172 AIRCRAFT CESSNA 205 AIRCRAFT EULER-CAUCHY EQUATIONS FOKKER-PLANCK EQUATION GAUSS EQUATION CESSNA 210 AIRCRAFT CESSNA 402B AIRCRAFT BALLUTES BRAKES (FOR ARRESTING MOTION) FOLDING STRUCTURES CH-3 HELICOPTER HELMHOLTZ VORTICITY EQUATION LIOUVILLE EQUATIONS PARABOLIC DIFFERENTIAL PARACHUTE DESCENT PARACHUTE FABRICS CH-46 HELICOPTER CH-47 HELICOPTER CH-54 HELICOPTER
COMET 4 AIRCRAFT
COMMUTER AIRCRAFT PARACONE EQUATIONS POISSON EQUATION PARAVULCOONS PARAWINGS VLASOV EQUATIONS CV-340 AIRCRAFT CV-440 AIRCRAFT CV-880 AIRCRAFT CV-990 AIRCRAFT DC 8 AIRCRAFT TOWED BODIES RT ALTERNATING DIRECTION IMPLICIT WHIRL TOWERS METHODS **BOLTZMANN-VLASOV EQUATION** FOUATIONS **PARACHUTING** FUNCTIONAL INTEGRATION PARACHUTE DESCENT DC 10 AIRCRAFT KINETIC EQUATIONS LAPLACE EQUATION DH 121 AIRCRAFT DH 125 AIRCRAFT PARACONE METHOD OF CHARACTERISTICS NEUMANN PROBLEM DO-27 AIRCRAFT DO-28 AIRCRAFT ELECTRA AIRCRAFT ESCAPE CAPSULES ESCAPE SYSTEMS WAVE EQUATIONS **PARACHUTES** EUROPEAN AIRGRAFT
. A-300 AIRCRAFT
. A-310 AIRCRAFT
. A-320 AIRCRAFT
F-27 AIRCRAFT PARTIAL PRESSURE PARAGLIDERS PRESSURE GLIDERS PARTIAL PRESSURE PARAGLIDERS
. INFLATABLE GLIDERS OXYGEN TENSION **HYPOXEMIA** F-28 HELICOPTER FOLDING STRUCTURES DALTON LAW F-28 TRANSPORT AIRCRAFT G-1 AIRCRAFT HYPERSONIC GLIDERS GAS PRESSURE HENRY LAW PARAWINGS G-222 AIRCRAFT ∞ SUBSONIC AIRCRAFT INTERNAL PRESSURE H-19 HELICOPTER **BAOULT LAW** H-53 HELICOPTER RESIDUAL GAS PARALLEL FLOW H-56 HELICOPTER HFB-320 AIRCRAFT ∞ TENSION FLUID FLOW VAPOR PRESSURE HS-748 AIRCRAFT IL-62 AIRCRAFT JETSTREAM AIRCRAFT PIPE FLOW PARTICLE IN CELL TECHNIQUE .. THREE DIMENSIONAL FLOW FLOW GEOMETRY ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION RT L-1011 AIRCRAFT L-2000 AIRCRAFT MYSTERE 20 AIRCRAFT FLOW VELOCITY FLUID DYNAMICS LAMINAR FLOW PARTICLE IN CELL TECHNIQUE OH-5 HELICOPTER P-160 AIRCRAFT P-166 AIRCRAFT STEADY FLOW ∞ CELLS CRYSTAL LATTICES FLOW EQUATIONS METHODOLOGY SE-210 AIRCRAFT T-39 AIRCRAFT PARALLEL PLATES
RT CAPACITORS TU-104 AIRCRAFT TU-124 AIRCRAFT ∞ CHANNELS PARTICLE LADEN JETS RT FUEL FLOW FLAT PLATES TU-134 AIRCRAFT METAL PLATES JET FLOW TU-144 AIRCRAFT U-10 AIRCRAFT **PARTICLES** THIN PLATES TURBULENT FLOW VC-10 AIRCRAFT WAVEGUIDES VISCOUNT AIRCRAFT YAK 40 AIRCRAFT ∞ PARTITIONS . YS-11 AIRCRAFT
AIR TRANSPORTATION

AIRCRAFT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS **PARAVULCOONS** BRAKES (FOR ARRESTING MOTION) AERODYNAMIC BRAKES LISTED BELOW) AN-22 AIRCRAFT AN-24 AIRCRAFT CARGO AIRCRAFT **PARAVULCOONS** RΤ CURTAINS PARTITIONS (MATHEMATICS) DRAG DEVICES
. AERODYNAMIC BRAKES PARTITIONS (STRUCTURES) .. PARAVULCOONS
EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES SEPTUM CIVIL AVIATION COMMERCIAL AIRCRAFT DC 7 AIRCRAFT PASSAGEWAYS E-2 AIRCRAFT GENERAL AVIATION AIRCRAFT ... PARAVULCOONS
AIR DROP OPERATIONS **PASSAGEWAYS** RT STRAITS BALLOONS . TORRES STRAIT GROUND EFFECT MACHINES FOLDING STRUCTURES PARACHUTES TRANSFER TUNNELS HC-3 HELICOPTER

RT

**APPROACH** 

JET AIRCRAFT

# PETREL SOUNDING ROCKET

DA QQEMO	ER AIRCRAFT-(CONT.)	PAYLOA	TRANSFER	PECLET GS	NUMBER RATIOS
PAGGETTO	LIGHT AIRCRAFT	RT	ORBITAL SERVICING	us	. DIMENSIONLESS NUMBERS
	LIGHT TRANSPORT AIRCRAFT		PAYLOAD RETRIEVAL (STS)		PECLET NUMBER
œ	LOW WING AIRCRAFT		SPACE MAINTENANCE	RT	ADVECTION
	MERCURE AIRCRAFT				HEAT TRANSFER
	MH-262 AIRCRAFT	PAYLOA	DS .		PRANDTL NUMBER
	MILITARY AIRCRAFT	GS	PAYLOADS		REYNOLDS NUMBER
	MYSTERE 50 AIRCRAFT P-531 HELICOPTER		. EXPOS (SPACELAB PAYLOAD)		THERMAL DIFFUSION
	PD-808 AIRCRAFT		OSTA-2 PAYLOAD		
	ROTARY WING AIRCRAFT		. SEPAC (PAYLOAD) . SHUTTLE IMAGING RADAR	PEGASU	S AIR-LAUNCHED BOOSTER
	SAAB 105 AIRCRAFT		SORTIE SYSTEMS	GS	LAUNCH VEHICLES
	SC-7 AIRCRAFT		. SPACE SHUTTLE PAYLOADS		PEGASUS AIR-LAUNCHED BOOSTER
	SHORT HAUL AIRCRAFT		. ADVANCED TECHNOLOGY		ROCKET VEHICLES
oc.	SUBSONIC AIRCRAFT		LABORATORY		. MULTISTAGE ROCKET VEHICLES . PEGASUS AIR-LAUNCHED BOOSTER
	SUPERSONIC AIRCRAFT		ASTRO MISSIONS (STS)	RT	AIR LAUNCHING
	SUPERSONIC TRANSPORTS		ATMOSPHERIC GENERAL	n)	B-52 AIRCRAFT
	TRANSPORT AIRCRAFT		CIRCULATION EXPERIMENT		D-05 MITOLINE
	TU-154 AIRCRAFT		EARTH RADIATION BUDGET		
	TURBOFAN AIRCRAFT TURBOPROP AIRCRAFT		EXPERIMENT		S ENGINE BRISTOL-SIDDELEY BS 53 ENGINE
	V/STOL AIRCRAFT		EARTH VIEWING APPLICATIONS	USE	BHISTOL-SIDDELET BS 33 ENGINE
	WATER TAKEOFF AND LANDING		LABORATORY ELECTROMAGNETIC ENVIRONMENT		
	AIRCRAFT		EXPERIMENT		EFFECTS
			. GET AWAY SPECIALS (STS)	RT o	»EFFECTS
PASSEN	TEDG		HALOGEN OCCULTATION		SEEBECK EFFECT TEMPERATURE EFFECTS
AL	AIRLINE OPERATIONS		EXPERIMENT		THERMOCOUPLES
***	AUTOMATED GUIDEWAY TRANSIT		OSS-1 PAYLOAD		THERMOELECTRIC COOLING
	VEHICLES		OSTA-1 PAYLOAD		THERMOELECTRICITY
	AUTOMATED MIXED TRAFFIC VEHICLES		OSTA-3 PAYLOAD		THERMOPHYSICAL PROPERTIES
	AUTOMATED TRANSIT VEHICLES		PHYSICS AND CHEMISTRY		
	PAYLOADS		EXPERIMENT IN SPACE	DENDIII	OUS GYROSCOPES
	RAPID TRANSIT SYSTEMS		. PLASMA INTERACTION EXPERIMENT	USE	GYROSCOPIC PENDULUMS
	RIDING QUALITY		SPACELAB X RAY ASTROPHYSICS FACILITY	USL	difficocorio i Endocomo
	TRANSPORTATION		. SPACE STATION PAYLOADS		*****
			SPACELAB PAYLOADS	PENDUL GS	OSCILLATORS
	DER NUCLEAR REACTOR NUCLEAR ELECTRIC POWER		AMPS (SATELLITE PAYLOAD)	GS	. MECHANICAL OSCILLATORS
GS	GENERATION		ATMOSPHERIC CLOUD PHYSICS LAB		PENDULUMS
	NUCLEAR POWER REACTORS		(SPACELAB)		GYROSCOPIC PENDULUMS
	PATHFINDER NUCLEAR REACTOR		ATMOSPHERIC GENERAL	RT	ACCELEROMETERS
	NUCLEAR REACTORS		CIRCULATION EXPERIMENT		GRAVITATION
	LIQUID COOLED REACTORS		GEOPHYSICAL FLUID FLOW CELLS		MOMENTUM
	WATER COOLED REACTORS		SOLAR CELL CALIBRATION FACILITY		OSCILLATIONS
	ROILING WATER REACTORS	RT	AIRCRAFT PERFORMANCE AIRCRAFT SPECIFICATIONS		TIMING DEVICES
	PATHFINDER NUCLEAR REACTOR		ANNULAR SUSPENSION AND POINTING		
	NUCLEAR POWER REACTORS		SYSTEM	∞ PERFO	RATION
	PATHFINDER NUCLEAR REACTOR		APOLLO LUNAR SURFACE EXPERIMENTS	SN	(USE OF A MORE SPECIFIC TERM IS
			PACKAGE		RECOMMENDED-CONSULT THE TERMS
PATHS	TERM IS		ASTEROID CAPTURE		LISTED BELOW)
SN	(USE OF A MORE SPECIFIC TERM IS		EASEP	RT	CAVITIES
	RECOMMENDED-CONSULT THE TERMS LISTED BELOW)		GERMAN INFRARED LABORATORY		HOLES (MECHANICS) PERFORATED PLATES
UF	COURSES		INSTRUMENT PACKAGES		PERFORATED SHELLS
Or .	LANES		LIATS (TELESCOPE)		PERFORATING
RT	CRITICAL PATH METHOD		∞ LOADING		PIERCING
• • • •	DIFFRACTION PATHS		LOADS (FORCES)		
	DUALITY PRINCIPLE		PASSENGERS PAYLOAD ASSIST MODULE	PERFUS	RION
	FLIGHT PATHS		PAYLOAD CONTROL	USE	DIFFUSION
	GROUND TRACKS		PAYLOAD DELIVERY (STS)		
	MEAN FREE PATH		PAYLOAD DEPLOYMENT & RETRIEVAL	PERILU	NES
	METEOR TRAILS MULTIPATH TRANSMISSION		SYSTEM	GS	APSIDES
	NETWORK ANALYSIS		PAYLOAD INTEGRATION		PERILUNES
	OPERATIONS RESEARCH		PAYLOAD INTEGRATION PLAN	FIT	LUNAR ORBITS
	OPTICAL PATHS		PAYLOAD STATIONS		LUNAR SATELLITES
	ORBITS		PIGGYBACK SYSTEMS SPACE PROCESSING APPLICATIONS		PERIGEES
	PARTICLE TRAJECTORIES		ROCKET		
	PASSAGEWAYS		SPACE TRANSPORTATION		IERAL JET FLOW
	PERT		SPACE TUGS	GS	FLUID FLOW
	ROUTES		SPACEBORNE EXPERIMENTS		. JET FLOW <b>Peripheral jet flow</b>
	SOUND TRANSMISSION		VERTICAL 8 ROCKET	RT	DOWNWASH
	THERMODYNAMICS TRAJECTORIES		WARHEADS	F1 (	GROUND EFFECT (AERODYNAMICS)
	IMAGEOTORIES		∞ WEIGHT		GROUND EFFECT MACHINES
DATE	T MISSILE		WEIGHT (MASS)		LIFT AUGMENTATION
GS	MISSILES				
	. SURFACE TO AIR MISSILES	PD-808	AIRCRAFT	PERIP	HERIES
	. PATRIOT MISSILE	UF	DOUGLAS PD-808 AIRCRAFT	USE	BOUNDARIES
RT	MISSILE CONFIGURATIONS		PIAGGIO-DOUGLAS PD-808 AIRCRAFT		
	∞ ROCKETS	GS	JET AIRCRAFT	PERSH	IING MISSILE
	WEAPONS		. PD-808 AIRCRAFT	GS	MISSILES
			LIGHT AIRCRAFT		. BALLISTIC MISSILES
	RN DISTRIBUTION		. PD-808 AIRCRAFT MCDONNELL DOUGLAS AIRCRAFT		. PERSHING MISSILE
USE	DISTRIBUTION (PROPERTY)		DOUGLAS AIRCRAFT		SURFACE TO SURFACE MISSILES
			PD-808 AIRCRAFT		PERSHING MISSILE
PAVEM			MONOPLANES	RT	MULTISTAGE ROCKET VEHICLES SOLID PROPELLANT ROCKET ENGINES
RT	ASPHALT COATINGS		. PD-808 AIRCRAFT		SULID PROPELLANT RUCKET ENGINES
	COATINGS CONCRETES		PIAGGIO AIRCRAFT		
	FOUNDATIONS		. PD-808 AIRCRAFT		L SOUNDING ROCKET
	HIGHWAYS		UTILITY AIRCRAFT	GS	ROCKET VEHICLES . SOUNDING ROCKETS
	ROADS		. PD-808 AIRCRAFT		PETREL SOUNDING ROCKET
	RUNWAYS	RT		RT	∞ ROCKETS
	STREETS		PASSENGER AIRCRAFT	ri i	w

# **PETROLEUM PRODUCTS**

PETR	DLEUM PRODUCTS	PHOT	OGRADUIC EQUIDMENT (CONT.)	<b></b>	TOOMANIN (COMIT)
GS	PRODUCTS	PHOI	OGRAPHIC EQUIPMENT-(CONT.)  OPTICAL FILTERS	PHO	TOGRAPHY-(CONT.)
	PETROLEUM PRODUCTS		PHOTOGRAPHY		ULTRAVIOLET PHOTOMETRY UNDERWATER PHOTOGRAPHY
	ASPHALT		PHOTOMETERS		. UROGRAPHY
	DIESEL FUELS		PROJECTORS	RT	
	GASOLINE			•••	BRIGHTNESS TEMPERATURE
	TARS	PHOT	OGRAPHIC FILM		CAMERAS
RT	BUTANES	GS	PHOTOGRAPHIC FILM		CLOUD PHOTOGRAPHS
	CRUDE OIL		. MICROFILMS		DARKROOMS
	GREASES	RT	∞FILMS		EARTH OBSERVATIONS (FROM SPACE)
	LUBRICANTS LUBRICATING OILS		MAGAZINES (SUPPLY CHAMBERS)		EARTH RESOURCES
	METHANE		OPTICAL DATA STORAGE MATERIALS		EVAPOROGRAPHY
	NATURAL GAS		OPTICAL FILTERS		EXPOSURE
	OILS		PHOSPHORS		GRAPHIC ARTS
	PLASTICS		PHOTOGRAPHS		HS-801 AIRCRAFT
	POLYNUCLEAR ORGANIC COMPOUNDS		PHOTOGRAPHY		ICE MAPPING IMAGERY
			POLYMERIC FILMS SABATIER REACTION		IMAGING TECHNIQUES
PHANT	TOM AIRCRAFT		SABATIEN REACTION		LUNAR PHOTOGRAPHS
GS	JET AIRCRAFT	D107	000.000.000.000.000		MAPPING
	. PHANTOM AIRCRAFT	GS	OGRAPHIC MEASUREMENT PHOTOGRAPHIC MEASUREMENT		MARS PHOTOGRAPHS
	F-4 AIRCRAFT	GS	. PHOTOGRAMMETRY		MICROPHOTOGRAPHS
	MCDONNELL DOUGLAS AIRCRAFT	RT	DOSIMETERS		MULTISPECTRAL BAND CAMERAS
	. MCDONNELL AIRCRAFT	•••	∞ MEASUREMENT		MULTISPECTRAL BAND SCANNERS
	PHANTOM AIRCRAFT		OPTICAL CORRECTION PROCEDURE		PANORAMIC CAMERAS
	F-4 AIRCRAFT MONOPLANES		OPTICAL MEASUREMENT		PHOTOGRAPHIC DEVELOPERS
	. PHANTOM AIRCRAFT		PHOTOELASTIC ANALYSIS		PHOTOGRAPHIC EMULSIONS
	F-4 AIRCRAFT		PHOTOGRAPHY		PHOTOGRAPHIC EQUIPMENT
	SUPERSONIC AIRCRAFT		PHOTOINTERPRETATION		PHOTOGRAPHIC FILM
	. PHANTOM AIRCRAFT		PHOTOMETRY		PHOTOGRAPHIC MEASUREMENT PHOTOGRAPHIC PLATES
	F-4 AIRCRAFT		PHOTORECONNAISSANCE		PHOTOGRAPHIC PROCESSING
RT	∞ AIRCRAFT		SPECTROMETERS		PHOTOGRAPHIC PROCESSING
					EQUIPMENT
PHASE	SWITCHING INTERFEROMETERS		OGRAPHIC RECORDING		PHOTOGRAPHIC RECORDING
GS	MEASURING INSTRUMENTS	GS	RECORDING		PHOTOGRAPHIC RECTIFIERS
	. INTERFEROMETERS		PHOTOGRAPHIC RECORDING		PHOTOGRAPHIC TRACKING
	PHASE SWITCHING	AT	DATA RECORDING		PHOTOGRAPHS
	INTERFEROMETERS		HIGH SPEED PHOTOGRAPHY		PHOTOINTERPRETATION
RT	RADIO ASTRONOMY		HOLOGRAMMETRY		PHOTOLITHOGRAPHY
	RADIO TELESCOPES		INTERMITTENCY HYPOTHESIS PHOTOGRAPHS		PHOTOMAPPING
			PHOTOGRAPHY		PHOTOMAPS
	IX SOUNDING ROCKET		RECORDING INSTRUMENTS		PHOTOMASKS
GS	ROCKET VEHICLES		THE SOURCE IN STRUMENTS		PHOTOMECHANICAL EFFECT
	. MULTISTAGE ROCKET VEHICLES	PHOTO	PGRAPHIC TRACKING		PHOTORECONNAISSANCE
	PHOENIX SOUNDING ROCKET	GS	TRACKING (POSITION)		PINHOLE CAMERAS PIXELS
	. SOUNDING ROCKETS PHOENIX SOUNDING ROCKET		PHOTOGRAPHIC TRACKING		PROJECTORS
RT	SOLID PROPELLANT ROCKET ENGINES	RT	CINETHEODOLITES		RADIOGRAPHY
	SOLID PROFELLANT ROCKET ENGINES		OPTICAL TRACKING		RAPID BALLISTICS IDENTIFICATION
DHOTO	DETECTORS		PHOTOGRAPHY		REPRODUCTION (COPYING)
USE	PHOTOMETERS		SATELLITE TRACKING		TIMBER INVENTORY
OOL	THOTOMETERS		SPACE DETECTION AND TRACKING		VIDEO TAPES
PHOTO	ELASTIC ANALYSIS		SYSTEM		WAVE FRONT RECONSTRUCTION
UF	PHOTOELASTIC STRESS MEASUREMENT				XEROGRAPHY
RT	FRINGE MULTIPLICATION		GRAPHY		
	MOIRE EFFECTS	GS	PHOTOGRAPHY	PHOTO	DINTERPRETATION
	∞ OPTICS		. AERIAL PHOTOGRAPHY	UF	PHOTOGRAPH INTERPRETATION
	PHOTOGRAPHIC MEASUREMENT		. ALL SKY PHOTOGRAPHY . ASTRONOMICAL PHOTOGRAPHY	RT	AERIAL PHOTOGRAPHY
	∞ POLARIZATION		. AUTORADIOGRAPHY		∞ ANALYZING
	POLARIZATION (WAVES)		. BLACK AND WHITE PHOTOGRAPHY		CHANGE DETECTION
	STRESS ANALYSIS		. CHRONOPHOTOGRAPHY		GROUND TRUTH
	STRESS MEASUREMENT		. CINEMATOGRAPHY		∞ INTERPRETATION
	TEMPERATURE INVERSIONS		CLOUD PHOTOGRAPHY		PHOTOGRAPHIC MEASUREMENT
DUCTO	ELASTIC STRESS MEASUREMENT		COLOR PHOTOGRAPHY		PHOTOGRAPHY PHOTOMAPPING
USE	PHOTOELASTIC ANALYSIS		. ELECTRO-OPTICAL PHOTOGRAPHY		
JJE	THOTOLLASTIC ANALTSIS		. ELECTRON PHOTOGRAPHY		PHOTORECONNAISSANCE SEA TRUTH
PHOTO	GRAPH INTERPRETATION		. FRACTOGRAPHY		SPATIAL FILTERING
USE	PHOTOINTERPRETATION		FRAME PHOTOGRAPHY		- come deleting
	, no folitical repartor		. HIGH SPEED PHOTOGRAPHY		
PHOTO	GRAPHIC EQUIPMENT		. HOLOGRAPHY ACOUSTICAL HOLOGRAPHY		DMAPPING AMAPPING
GS	PHOTOGRAPHIC EQUIPMENT		. MICROWAVE HOLOGRAPHY	GS	MAPPING
	CAMERAS		. SPECKLE HOLOGRAPHY	RT	. PHOTOMAPPING
	. BAKER-NUNN CAMERA		. WHITE LIGHT HOLOGRAPHY	nı	AERIAL PHOTOGRAPHY COASTAL ZONE COLOR SCANNER
	BALLISTIC CAMERAS		. INFRARED IMAGERY		COLOR PHOTOGRAPHY
	DELFT CAMERA		LUNAR PHOTOGRAPHY		DMSP SATELLITES
	DIFFRACTION LIMITED CAMERAS		METRIC PHOTOGRAPHY		EARTH RESOURCES
	. FAINT OBJECT CAMERA		. MICROWAVE PHOTOGRAPHY		GEODESY
	HIGH SPEED CAMERAS		. MULTISPECTRAL PHOTOGRAPHY		GEOLOGY
	FRAMING CAMERAS		. INFRARED PHOTOGRAPHY		GNOMONIC PROJECTION
	I2S CAMERAS LALLEMAND CAMERAS		COLOR INFRARED PHOTOGRAPHY		HOLOGRAMMETRY
	MULTISPECTRAL BAND CAMERAS		RADAR PHOTOGRAPHY		ICE MAPPING
	. PANORAMIC CAMERAS		ORTHOPHOTOGRAPHY		MAPS
	. PINHOLE CAMERAS		PHOTOMICROGRAPHY		OCEAN COLOR SCANNER
	SCHMIDT CAMERAS		. ROCKET-BORNE PHOTOGRAPHY . SHADOWGRAPH PHOTOGRAPHY		PHOTOGEOLOGY
	. STREAK CAMERAS		. SCHLIEREN PHOTOGRAPHY		PHOTOGRAPHY
	. TELEVISION CAMERAS		. SPACEBORNE PHOTOGRAPHY		PHOTOINTERPRETATION
	PHOTOGRAPHIC PROCESSING		. SATELLITE-BORNE PHOTOGRAPHY		ROCKET-BORNE PHOTOGRAPHY
	EQUIPMENT		. SPECTROPHOTOGRAPHY		SATELLITE-BORNE PHOTOGRAPHY
	. PHOTOGRAPHIC RECTIFIERS		STEREOSCOPY		SOIL MAPPING SPACEBORNE PHOTOGRAPHY
RT .	∞ EQUIPMENT		. STEREOPHOTOGRAPHY		THEMATIC MAPPING
	LENSES		. STREAK PHOTOGRAPHY		THERMAL MAPPING
	OPTICAL EQUIPMENT		. ULTRAVIOLET PHOTOGRAPHY		TOPOGRAPHY

		D4407044	ICROGRAPHY-(CONT.)	PILOT E	ERROR
PHOTON	IAPS MAPS	GS	IMAGERY	UF	FLIGHT TECHNICAL ERROR
GS	, PHOTOMAPS		. PHOTOMICROGRAPHY	GS	ERRORS
RT	AERIAL PHOTOGRAPHY		PHOTOGRAPHY		. PILOT ERROR AIRCRAFT ACCIDENTS
•••	PHOTOGRAPHY		PHOTOMICROGRAPHY	RT	COLLISIONS
	RELIEF MAPS	RT	BLACK AND WHITE PHOTOGRAPHY ELECTRON MICROSCOPES		CRASH LANDING
	SATELLITE-BORNE PHOTOGRAPHY		METALLOGRAPHY		CRASHES
	SPACEBORNE PHOTOGRAPHY THEMATIC MAPPING		MICROSCOPES		HUMAN FACTORS ENGINEERING
	THEMATIC MAPPING		MICROSCOPY		HUMAN PERFORMANCE
	ACTEDO		MICROSTRUCTURE		MIDAIR COLLISIONS
PHOTON UF	MICROPHOTOMETERS		PHOTOMICROGRAPHS		PILOT INDUCED OSCILLATION
	PHOTODETECTORS	NUOTOR	ECONNAISSANCE	PILOT I	NDUCED OSCILLATION
GS	MEASURING INSTRUMENTS	GS	IMAGERY	RT	AERODYNAMIC STABILITY
	. OPTICAL MEASURING INSTRUMENTS PHOTOMETERS		PHOTORECONNAISSANCE		AIRCRAFT CONTROL
	ELECTROPHOTOMETERS		RECONNAISSANCE		AIRCRAFT STABILITY
	ULTRAVIOLET SPECTROMETERS		PHOTORECONNAISSANCE		CONTROL STABILITY HIGH GAIN
	TOTAL OZONE MAPPING	AT	AERIAL RECONNAISSANCE AIRBORNE INTEGRATED		LONGITUDINAL CONTROL
	SPECTROMETER		RECONNAISSANCE SYSTEM		MAN MACHINE SYSTEMS
	ULTRAVIOLET SPECTROPHOTOMETERS		BLACK AND WHITE PHOTOGRAPHY		NONSTABILIZED OSCILLATION
	. RADIATION MEASURING INSTRUMENTS		DMSP SATELLITES		PILOT ERROR
	PHOTOMETERS		EARTH RESOURCES SURVEY AIRCRAFT		PILOT PERFORMANCE SELF INDUCED VIBRATION
	ELECTROPHOTOMETERS		GROUND TRUTH		STABLE OSCILLATIONS
	ULTRAVIOLET SPECTROMETERS		HS-801 AIRCRAFT PHOTOGRAMMETRY		TRANSIENT OSCILLATIONS
	TOTAL OZONE MAPPING		PHOTOGRAPHIC MEASUREMENT		
	SPECTROMETER ULTRAVIOLET		PHOTOGRAPHY	PILOT	LANDING AID TELEVISION SYSTEM
	SPECTROPHOTOMETERS		PHOTOINTERPRETATION	USE	PLAT SYSTEM
	OPTICAL EQUIPMENT		SPECTRAL RECONNAISSANCE		
	. OPTICAL MEASURING INSTRUMENTS				TRAINING
	PHOTOMETERS		HERMOTROPISM ANISOTROPY	GS	EDUCATION . PILOT TRAINING
	ELECTROPHOTOMETERS	USE	PHOTOTROPISM	PIT	ASTRONAUT TRAINING
	ULTRAVIOLET SPECTROMETERS TOTAL OZONE MAPPING		TEMPERATURE EFFECTS	***	AVIATION PSYCHOLOGY
	SPECTROMETER				EJECTION INJURIES
	ULTRAVIOLET	PHUGOI	OSCILLATIONS		EJECTION TRAINING
	SPECTROPHOTOMETERS	USE	OSCILLATIONS		FLIGHT SIMULATORS FLIGHT TRAINING
RT	BOLOMETERS		OSCILLATORS		SPACE FLIGHT TRAINING
	DENSITOMETERS ELECTROPHOTOMETRY		PITCH (INCLINATION)		TRAINING SIMULATORS
	ELLIPSOMETERS				
	HORIZON SCANNERS	PIAGGIC GS	AIRCRAFT PIAGGIO AIRCRAFT	PILOTL	ESS AIRCRAFT
	INFRARED SPECTROPHOTOMETERS	us	. P-166 AIRCRAFT	SN	(CONVENTIONAL AIRCRAFT CONVERTE
	MICRODENSITOMETERS		. PD-808 AIRCRAFT	00	FOR REMOTE CONTROL) PILOTLESS AIRCRAFT
	NEPHELOMETERS	RT a	AIRCRAFT	GS	DRONE AIRCRAFT
	OPTICAL MEASUREMENT PHOTOCONDUCTORS				. TARGET DRONE AIRCRAFT
	PHOTOELECTRIC CELLS	PIAGGIC	P-166 AIRCRAFT		FIREBEE 2 TARGET DRONE
	PHOTOGRAPHIC EQUIPMENT	USE	P-166 AIRCRAFT		AIRCRAFT
	PHOTOMETRY				JINDIVIK TARGET AIRCRAFT
	PHOTOTRANSISTORS		-DOUGLAS PD-808 AIRCRAFT	AT	®AIRCRAFT
	POLARIMETERS PYRANOMETERS	USE	PD-808 AIRCRAFT		BALLOONS DRONE VEHICLES
	RADIOMETERS	5445501	(I AIRCRAFT		LIGHT AIRCRAFT
	REFLECTOMETERS	GS	PIASECKI AIRCRAFT		∞ MILITARY AIRCRAFT
	SPECTROMETERS	G.S	. VZ-8 AIRCRAFT		OBLIQUE WINGS
	SPECTROPHOTOMETERS	RT (	*AIRCRAFT		RECONNAISSANCE AIRCRAFT REMOTELY PILOTED VEHICLES
	TELEPHOTOMETRY TRANSMISSOMETERS				NEMOTELY FILOTED VEHICLES
	ULTRAVIOLET DETECTORS		ELEMENTS	∞ PILOTS	1
		USE	PIXELS	SN	(USE OF A MORE SPECIFIC TERM IS
PHOTO	METRY				RECOMMENDED-CONSULT THE TERMS
GS	OPTICAL MEASUREMENT	PIEZOEI GS	LECTRIC GAGES MEASURING INSTRUMENTS		LISTED BELOW)
	PHOTOMETRY	us	. PRESSURE GAGES	RT	AIRCRAFT PILOTS AUTOMATIC PILOTS
	ASTRONOMICAL PHOTOMETRY STELLAR SPECTROPHOTOMETRY		. PIEZOELECTRIC GAGES		PILOTS (PERSONNEL)
	ELECTROPHOTOMETRY		TRANSDUCERS		TEST PILOTS
	INFRARED PHOTOMETRY		. PIEZOELECTRIC TRANSDUCERS		
	SPECTROPHOTOMETRY		. PIEZOELECTRIC GAGES . PIEZORESISTIVE TRANSDUCERS		(PERSONNEL)
	STELLAR SPECTROPHOTOMETRY		. PIEZOELECTRIC GAGES	GS	PERSONNEL STATES
	TELEPHOTOMETRY ULTRAVIOLET PHOTOMETRY	RT	PRESSURE SENSORS		. FLYING PERSONNEL PILOTS (PERSONNEL)
	VISUAL PHOTOMETRY		STRAIN GAGES		AIRCRAFT PILOTS
RT	CHEMICAL ANALYSIS				TEST PILOTS
	COLORIMETRY	PIEZOM			OPERATORS (PERSONNEL)
	ILLUMINATING	GS	MEASURING INSTRUMENTS		PILOTS (PERSONNEL)
	∞ILLUMINATION LIGHT (VISIBLE RADIATION)		. PRESSURE GAGES		AIRCRAFT PILOTS
	LUMINANCE	RT	SEEPAGE	RT	ASTRONAUTS
	PHOTOGRAPHIC MEASUREMENT	,,,		•••	COSMONAUTS
	PHOTOMETERS	PIEZOR	ESISTIVE TRANSDUCERS		CREWS
	POLARIMETRY	GS	TRANSDUCERS		FLIGHT CREWS
	REFLECTANCE		PIEZORESISTIVE TRANSDUCERS		∞ PILOTS
	SPECTROSCOPY TRANSMITTANCE		. PIEZOELECTRIC GAGES	PINTL	ze .
	HAMMITANCE	RT	PIEZOELECTRIC CRYSTALS PIEZOELECTRICITY	PINTL	PIVOTS
PHOTO	MICROGRAPHS		FILEOCLECTRIOTT	nı	RUDDERS
GS	PHOTOGRAPHS	PIGGYE	IACK SYSTEMS		SHAFTS (MACHINE ELEMENTS)
	PHOTOMICROGRAPHS	RT	AIR LAUNCHING		
RT	PHOTOMICROGRAPHY		MULTISTAGE ROCKET VEHICLES	PIPE F	
			PAYLOAD MASS RATIO	UF GS	KIRCHHOFF-HELMHOLTZ FLOW FLUID FLOW
	MICROGRAPHY		PAYLOADS ∞ SYSTEMS	us	. GAS FLOW
UF	MICROGRAPHY		# O I O I EMO		

# PIPER AIRCRAFT

PIPE	FLOW-(CONT.)	∞ PITCI	4		
	PIPE FLOW	SN	(USE OF A MORE SPECIFIC TERM IS	PLAN	POSITION INDICATORS-(CONT.)
	. PARALLEL FLOW		RECOMMENDED-CONSULT THE TERMS		RADAR EQUIPMENT
RT	PIPE FLOW		Listed Below)		RADARSCOPES
n i	CHANNEL FLOW CRITICAL FLOW	UF	TONE		PLAN POSITION INDICATORS
	LAMINAR FLOW	RT	FREQUENCIES	PLAN	AR STRUCTURES
	LIQUID FLOW		PITCH (INCLINATION)	RT	FLAT LAYERS
	MASS FLOW		PITCH (MATERIAL)		FLAT PLATES
	MULTIPHASE FLOW				FLAT SURFACES
	OPEN CHANNEL FLOW		(INCLINATION)		FLATNESS
	ORIFICE FLOW	UF	DAMPING IN PITCH		∞ STRUCTURES
	PIPES (TUBES)		PHUGOID OSCILLATIONS		SURFACE PROPERTIES
	PRESSURE GRADIENTS	GS	PITCH ANGLES		
	SINGLE-PHASE FLOW	43	ATTITUDE (INCLINATION) . PITCH (INCLINATION)	PLAN	ETARY BOUNDARY LAYER
	STEADY FLOW	RT	ANGLES (GEOMETRY)	GS	BOUNDARY LAYERS
	STEAM FLOW		HEAVING	ОТ	PLANETARY BOUNDARY LAYER
	SUBCRITICAL FLOW SUPERCRITICAL FLOW		LONGITUDINAL CONTROL	RT	ATMOSPHERIC BOUNDARY LAYER
	TURBULENT FLOW		LONGITUDINAL STABILITY	DIAN	FTARW FARMA
	UNIFORM FLOW		∞ MOTION	USE	ETARY ENTRY
	UNSTEADY FLOW		∞ PITCH	OGE	ATMOSPHERIC ENTRY
	WATER FLOW		ROLL	PI AM	ETARY LANDING
	WATER HAMMER		ROTATION	SN	(EXCLUDES LANDING ON THE PLANET
	WATER PRESSURE		SLOPES STABILITY ALICAIDATATION		EARTH)
			STABILITY AUGMENTATION VARIABLE PITCH PROPELLERS	GS	LANDING
	AIRCRAFT		YAW		. SPACECRAFT LANDING
GS	LIGHT AIRCRAFT		1AW		PLANETARY LANDING
	PIPER AIRCRAFT	DITCH	ANGLES	RT	CRASH LANDING
DT	PA-34 SENECA AIRCRAFT	USE	PITCH (INCLINATION)		GLIDE LANDINGS
RT	©AIRCRAFT	OOL	FITCH (MCLINATION)		HARD LANDING
	GENERAL AVIATION AIRCRAFT	DITOU	ATTITUDE COLUMN		HORIZONTAL SPACECRAFT LANDING
DIDEO	(TIDEA)	USE	ATTITUDE CONTROL		INTERPLANETARY FLIGHT
UF	(TUBES) TUBING	USE	LONGITUDINAL CONTROL		LUNAR LANDING
GS	PIPES (TUBES)	DITOLI	10 1010		MARS LANDING
	. GAS PIPES	GS	NG MOMENTS		ORBITAL MECHANICS ROVING VEHICLES
	. U BENDS		MOMENTS . STABILITY DERIVATIVES		SOFT LANDING
RT	∞ CASING		. PITCHING MOMENTS		WATER LANDING
	CIRCULAR TUBES	RT	AERODYNAMIC COEFFICIENTS		
	DUCTS		LONGITUDINAL STABILITY	PLANF	ORMS
	FLUID FLOW		MOMENTS OF INERTIA	GS	PLANFORMS
	∞ HEADERS		ROLLING MOMENTS		. CARET WINGS
	HOSES		TORQUE		RECTANGULAR PLANFORMS
	MANIFOLDS		YAWING MOMENTS		RECTANGULAR PANELS
	PIPE FLOW				RECTANGULAR PLATES
	PIPELINES	PITOT '			. RECTANGULAR WINGS
	RISERS	UF	PRESTON TUBES		SWEPTBACK TAIL SURFACES
	SIPHONS	RT	FLOW MEASUREMENT		TRAPEZOIDAL TAIL SURFACES WING PLANFORMS
	SYRINGES		FLOWMETERS		. CHANNEL WINGS
	∞ TUBES		PRESSURE MEASUREMENT PROTUBERANCES		INFINITE SPAN WINGS
			SPEED INDICATORS		SWEPT FORWARD WINGS
PIRANI	GAGES		STATIC PRESSURE		TRAPEZOIDAL WINGS
G\$	MEASURING INSTRUMENTS		∞ TUBES		SWEPTBACK WINGS
	PRESSURE GAGES		VELOCITY MEASUREMENT		ARROW WINGS
	. VACUUM GAGES		VENTURI TUBES		DELTA WINGS
	PIRANI GAGES				TRAPEZOIDAL WINGS
	VACUUM APPARATUS . VACUUM GAGES	PIVOTE	WING AIRCRAFT	RT	VARIABLE SWEEP WINGS
	. PIRANI GAGES	USE	TILT WING AIRCRAFT		∞ CROSS SECTIONS
RT	HOT-WIRE FLOWMETERS				GEOMETRY
•••	IONIZATION GAGES	PIVOTS			∞ PROFILES
	KNUDSEN GAGES	UF	TROCHOIDS		SHAPES
	MCLEOD GAGES	RT	BEARINGS		∞SURFACE GEOMETRY
	PRESSURE MEASUREMENT		GIMBALS		
			HINGES PINTLES	PLANISI	PHERES
	ENGINES		SHAFTS (MACHINE ELEMENTS)	GS	MAPS
UF	RECIPROCATING ENGINES		SUPPORTS		. ASTRONOMICAL MAPS
GS	ENGINES		SWIVELS		PLANISPHERES
	PISTON ENGINES			RT	ASTRONOMICAL COORDINATES
	. DIESEL ENGINES . FREE-PISTON ENGINES	PIXELS			CELESTIAL SPHERE CONSTELLATIONS
		UF	PICTURE ELEMENTS		POLAR COORDINATES
RT	STIRLING ENGINES AIRCRAFT ENGINES	GS	IMAGERY		TODAY COORDINATES
•••	AUTOMOBILE ENGINES		. PIXELS	PLASMA	El OW
	EXTERNAL COMBUSTION ENGINES	RT	AERIAL PHOTOGRAPHY	USE	
	FUEL INJECTION		ELECTROPHOTOMETRY	USE	MAGNETOHYDRODYNAMIC FLOW
	INTERNAL COMBUSTION ENGINES		IMAGING TECHNIQUES	DI AGMA	INIOTA DAL INDA
	PISTONS		PHOTOGRAPHS PHOTOGRAPHY	USE	INSTABILITY
	RECIPROCATION		REMOTE SENSING	USE	MAGNETOHYDRODYNAMIC STABILITY
	ROTARY ENGINES		SATELLITE IMAGERY	DI ACIIA	177 MAINE TO MAIN TO
	WANKEL ENGINES		VIDICONS	PLASMA UF	JET WIND TUNNELS
			<del></del>	GS	HYDRODYNAMIC TUNNELS TEST FACILITIES
ISTONS		PLAN PO	SITION INDICATORS	30	. WIND TUNNELS
GS	PISTONS	UF	PPI (POSITION INDICATORS)		HYPERSONIC WIND TUNNELS
ОТ	. MAGNETIC PISTONS	GS	DISPLAY DEVICES		PLASMA JET WIND TUNNELS
RT	COMBUSTION CHAMBERS		. POSITION INDICATORS		HYPERVELOCITY WIND TUNNELS
	ENGINE PARTS FREE-PISTON ENGINES		. PLAN POSITION INDICATORS		PLASMA JET WIND TUNNELS
	INTERNAL COMBUSTION ENGINES		RADARSCOPES	RT	PLASMAS (PHYSICS)
	PISTON ENGINES		PLAN POSITION INDICATORS		•
	PISTON THEORY		MEASURING INSTRUMENTS		SHEATHS
	PLUNGERS		. INDICATING INSTRUMENTS		PARTICLES
	RECIPROCATION		POSITION INDICATORS PLAN POSITION INDICATORS		. CHARGED PARTICLES
			CHU FOSTION INDICATORS		PLASMA LAYERS

			STEM-(CONT.)	PLUMES.	-(CONT.)
PLASMA	SHEATHS-(CONT.)		STEM-(COTTI.)		SHOCK WAVES
	PLASMA SHEATHS SHEATHS	•	0,0,2,0		
	PLASMA SHEATHS	PLATE (		PLUTO F	REACTORS
RT	BLACKOUT (PROPAGATION)	USE	METAL PLATES	GS	NUCLEAR REACTORS
	BOUNDARY LAYER PLASMAS ION SHEATHS	∞ PLATFO	oue.	RT	. PLUTO REACTORS NUCLEAR RAMJET ENGINES
	MAGNETOHYDRODYNAMIC SHEAR	SN	ILISE OF A MORE SPECIFIC TERM IS	•••	NUCLEAR ROCKET ENGINES
	HEATING		RECOMMENDED-CONSULT THE TERMS		SUPERSONIC LOW ALTITUDE MISSILE
	MAGNETOSHEATH		LISTED BELOW)		
	METALLIC PLASMAS	RT	FLIGHT MECHANICS FLOORS	PLUVIO	
	MISSILES NONEQUILIBRIUM PLASMAS		FLYING PLATFORMS	USE	RAIN GAGES RECORDING INSTRUMENTS
	PLASMAS (PHYSICS)		GUIDANCE (MOTION)		RECORDING INSTRUMENTO
	REENTRY COMMUNICATION		INERTIAL PLATFORMS LANDFORMS	DMELIMA	ATIC CIRCUITS
	REENTRY EFFECTS REENTRY PHYSICS		LAUNCHING PADS	GS	CIRCUITS
	SYSTEM GENERATED		OFFSHORE PLATFORMS		PNEUMATIC CIRCUITS
	ELECTROMAGNETIC PULSES		SLABS		PNEUMATIC EQUIPMENT
	UNCONTROLLED REENTRY		SOLETTAS SPACE PLATFORMS	RT	PNEUMATIC CIRCUITS FLUIDICS
	(SPACECRAFT)		SPACE STATIONS	N.	VALVES
DI A 044A	SOUND WAVES		STABILIZED PLATFORMS		
USE	MAGNETOHYDRODYNAMIC WAVES		SUPPORTS	PNEUM/	ATIC CONTROL
UUL	PLASMA WAVES		SYNCHRONOUS PLATFORMS	UF	PNEUMATIC RESET
		PLAYBA	CA.6	RT	AUTOMATIC CONTROL AUTOMATIC CONTROL VALVES
	STABILITY MAGNETOHYDRODYNAMIC STABILITY	RT	MAGNETIC TAPES		COMPRESSED GAS
USE	MAGNETOHTDRODTNAMIC STABLETT		RECORDERS		CONTROL
PI ASTIC	AIRCRAFT STRUCTURES		RECORDING		CONTROL EQUIPMENT
GS	AIRCRAFT STRUCTURES		RECORDS TAPES		CONTROL VALVES
	PLASTIC AIRCRAFT STRUCTURES	•	VIDEO DISKS		CONTROLLERS ELECTRONIC CONTROL
ЯT	AIRCRAFT CONSTRUCTION MATERIALS AIRCRAFT SURVIVABILITY				ENGINE CONTROL
	BORON-EPOXY COMPOSITES	PLENUN	CHAMBERS		FLUID POWER
	GLASS FIBER REINFORCED PLASTICS	RT	AIR INTAKES		FLUIDICS
	PLASTICS	,	∞CHAMBERS DUCTS		HYDRAULIC CONTROL REMOTE CONTROL
			EXHAUST SYSTEMS		HEMOTE CONTINUE
	BEAMS (SUPPORTS)		FUEL SYSTEMS	DME: ISS	ATIC EQUIPMENT
RT	∞ BODIES		INTAKE SYSTEMS	GS	PNEUMATIC EQUIPMENT
•	CYLINDRICAL BODIES		MANIFOLDS ∞WATER INTAKES		. GAS VALVES
	ELASTIC BODIES	,	BANGET HATTACE		PNEUMATIC CIRCUITS
	ELASTIC PLATES ELASTOPLASTICITY	PLEXIG	ASS (TRADEMARK)	RT	AIR BAG RESTRAINT DEVICES COMPRESSED AIR
	PLASTIC PROPERTIES	USE	POLYMETHYL METHACRYLATE		CUSHIONS
	PLASTIC SHELLS				∞ EQUIPMENT
	RIGID STRUCTURES	PLIES USE	LAYERS		FLUID AMPLIFIERS
	DEFORMATION	USE	Brens		FLUID POWER FLUID SWITCHING ELEMENTS
UF	DEFORMATION LUDER BANDS	∞ PLOTS			FLUIDICS
Oi.	PLASTIC YIELDING	SN	(USE OF A MORE SPECIFIC TERM IS		GAS GENERATORS
	STRAIN SOFTENING		RECOMMENDED-CONSULT THE TERMS		GOLAY DETECTOR CELLS
GS	DEFORMATION	RT	LISTED BELOW) CHARTS		INFLATABLE STRUCTURES
RT	. PLASTIC DEFORMATION  BANDS	n,	DISPLAY DEVICES		SERVOCONTROL
יח	BENDING		PLOTTERS		SERVOMECHANISMS
	BORDONI PEAKS		PLOTTING		SHOCK ABSORBERS
	CREEP PROPERTIES		SITES		∞SYSTEMS VALVES
	CREEP TESTS ELASTIC DEFORMATION	PLOTTI	:De		TALTES
	ELONGATION	UF	PLOTTING INSTRUMENTS	DAJELISA	ATIC PROBES
	J INTEGRAL	GS	RECORDING INSTRUMENTS	GS	MEASURING INSTRUMENTS
	PLANE STRAIN SAINT VENANT PRINCIPLE		. PLOTTERS		. TEMPERATURE MEASURING
	SHEAR CREEP	RT	X-Y PLOTTERS COMPUTER GRAPHICS		INSTRUMENTS
	∞ SLIP	n,	DIGITAL TO ANALOG CONVERTERS		TEMPERATURE PROBES PNEUMATIC PROBES
	STRAIN DISTRIBUTION		DISPLAY DEVICES	RT	FLOW MEASUREMENT
	STRESS PROPAGATION STRESS RELAXATION		NAVIGATION AIDS PERIPHERAL EQUIPMENT (COMPUTERS)		HIGH TEMPERATURE GASES
	STRESS-STRAIN RELATIONSHIPS		PLOTS		MASS FLOW RATE NOZZLE FLOW
	STRETCHING		PLOTTING		PRESSURE MEASUREMENT
	STRUCTURAL STRAIN		POSITION INDICATORS		THEODOTTE WESTERNESS
	SUPERPLASTICITY TEMPERATURE INVERSIONS		PRINTERS	PMFUM	IATIC RESET
	TENSILE CREEP		REMOTE CONSOLES		PNEUMATIC CONTROL
	TENSILE DEFORMATION	PLOTT	ING.		
	THERMOMECHANICAL TREATMENT	RT	ANALOG TO DIGITAL CONVERTERS	PNEUN	
	WARPAGE		DISPLAY DEVICES	GS	FLUID MECHANICS
	WORK SOFTENING YIELD STRENGTH		NAVIGATION	AT	. PNEUMATICS FLOW THEORY
			∞ PLOTS PLOTTERS	71	FLUID POWER
	IC YIELDING		PRINTING		FLUIDICS
USE	PLASTIC DEFORMATION		RECORDING		GASES
	AVATP11				∞ HYDRAULICS
PLAT :	BYSTEM PILOT LANDING AID TELEVISION		ING INSTRUMENTS		(EVERNIA) OTOBEO
UF	SYSTEM	USE	PLOTTERS	PODS GS	(EXTERNAL STORES) EXTERNAL STORES
GS	COMMUNICATION EQUIPMENT	B1 1144	e	us	. PODS (EXTERNAL STORES)
	PLAT SYSTEM	PLUME GS	S PLUMES	RT	COWLINGS
	TELECOMMUNICATION . PLAT SYSTEM	G	. ROCKET EXHAUST		EXTERNAL STORE SEPARATION
	TELEVISION SYSTEMS	RT	CHIMNEYS		FUEL TANKS NACELLES
	. PLAT SYSTEM		CONDENSATES POLLUTION TRANSPORT		WING-FUSELAGE STORES
RT	LANDING AIDS		CLEOTION THANGEON		

### POHLHAUSEN METHOD

POLARIMETERS-(CONT.)
SOLAR MAXIMUM MISSION POLLUTION TRANSPORT-(CONT.) POHLHAUSEN METHOD POHLHAUSEN SOLUTION ANALYSIS (MATHEMATICS) THERMAL POLLUTION TRACE CONTAMINANTS GS . NUMERICAL ANALYSIS . APPROXIMATION TRANSPORT PROPERTIES TRANSPORT THEORY POLARIMETRY OPTICAL MEASUREMENT ... APPROXIMATION
... POHLHAUSEN METHOD
LAMINAR BOUNDARY LAYER

METHODOLOGY
VELOCITY DISTRIBUTION GS WATER CIRCULATION . POLARIMETRY OPTICAL ACTIVITY WATER POLLUTION RT OPTICAL MEASURING INSTRUMENTS **POLONIUM PHOTOMETRY** VISCOUS FLOW CHEMICAL ELEMENTS **POLARIMETERS** METALLOIDS POLONIUM POLARIZATION (WAVES) POHLHAUSEN SOLUTION POLONIUM ISOTOPES
. POLONIUM 208
. POLONIUM 209 POHLHAUSEN METHOD USE POLARIS A1 MISSILE
GS MISSILES . BALLISTIC MISSILES **POINTERS** POLONIUM 210 DIALS USE INTERMEDIATE RANGE BALLISTIC MISSILES METALS POINTING CONTROL SYSTEMS POLARIS MISSILES POLYMETHYL METHACRYLATE FLIGHT CONTROL
POINTING CONTROL SYSTEMS ... POLARIS A1 MISSILE
SURFACE TO SURFACE MISSILES LUCITE (TRADEMARK) PLEXIGLASS (TRADEMARK) . ANNULAR SUSPENSION AND POINTING SYSTEM . FLEET BALLISTIC MISSILES
... POLARIS A1 MISSILE
.. INTERMEDIATE RANGE BALLISTIC **PLASTICS** SYNTHETIC RESINS
POLYETHER RESINS
POLYMETHYL METHACRYLATE ∞ CONTROL EDON'HOL ENTRY GUIDANCE (STS) GUIDANCE (MOTION) SPACE FLIGHT SPACECRAFT CONTROL MISSILES
POLARIS MISSILES .... POLARIS A1 MISSILE RESINS . SYNTHETIC RESINS . . POLYETHER RESINS ~SYSTEMS POLARIS A2 MISSILE
GS MISSILES POLYMETHYL METHACRYLATE . BALLISTIC MISSILES POISEUILLE FLOW POROUS AIRFOILS INTERMEDIATE RANGE BALLISTIC LAMINAR FLOW MISSILES POROUS BOUNDARY LAYER CONTROL MISSILES
POLARIS MISSILES
POLARIS A2 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A2 MISSILE POISSON EQUATION POROUS BOUNDARY LAYER CONTROL
UF POROUS AIRFOILS
GS BOUNDARY LAYER CONTROL ANALYSIS (MATHEMATICS)
. REAL VARIABLES DIFFERENTIAL EQUATIONS POROUS BOUNDARY LAYER CONTROL PARTIAL DIFFERENTIAL EQUATIONS INTERMEDIATE RANGE BALLISTIC RT ∞CONTROL POISSON EQUATION MISSII ES CONVECTIVE FLOW CLASSICAL MECHANICS ELECTROSTATICS POLARIS MISSILES EKMAN LAYER FREE CONVECTION .... POLARIS A2 MISSILE ∞ EQUATIONS HOLES (MECHANICS) MASS TRANSFER ISENTROPE POLARIS AS MISSILE LAPLACE EQUATION MISSILES PERFORATED PLATES BALLISTIC MISSILES . INTERMEDIATE RANGE BALLISTIC POROSITY POLAR COORDINATES WINGS COORDINATES MISSILES . POLAR COORDINATES
ASTRONOMICAL COORDINATES POLARIS MISSILES POROUS WALLS ... POLARIS AS MISSILE
SURFACE TO SURFACE MISSILES
. FLEET BALLISTIC MISSILES GS PLANISPHERES SMITH CHART POROUS WALLS ∞ DIFFUSERS SPHERICAL COORDINATES POLARIS AS MISSILE INTERMEDIATE RANGE BALLISTIC ∞ PORTS POLAR NAVIGATION MISSILES (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS NAVIGATION POLARIS MISSILES POLAR NAVIGATION . POLARIS A3 MISSILE LISTED BELOW) AIR NAVIGATION RT **AIRPORTS** CELESTIAL NAVIGATION DEAD RECKONING POLARIS MISSILES DRYDOCKS MISSILES HARBORS DIGITAL NAVIGATION INERTIAL NAVIGATION BALLISTIC MISSILES
. INTERMEDIATE RANGE BALLISTIC PORTS (OPENINGS) SHIPYARDS LORAN MISSILES
POLARIS MISSILES POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE POLAR ORBITS POSEIDON MISSILES ORBITS GS MISSILES SPACECRAFT ORBITS BALLISTIC MISSILES SATELLITE ORBITS SURFACE TO SURFACE MISSILES . BALLISTIC MISSILES
. POSEIDON MISSILES
. SURFACE TO SURFACE MISSILES
. FLEET BALLISTIC MISSILES
. POSEIDON MISSILES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES ... POLAR ORBITS CIRCULAR ORBITS EARTH ORBITS INTERMEDIATE RANGE BALLISTIC MISSILES ВT MISSILES
... POLARIS MISSILES
... POLARIS A1 MISSILE
... POLARIS A2 MISSILE
... POLARIS A3 MISSILE
MULTISTAGE ROCKET VEHICLES ELLIPTICAL ORBITS
EQUATORIAL ORBITS RT EQUATORIAL ORBITS
LUNAR ORBITS
LUNAR SATELLITES
PLANETARY ORBITS
SPACE STATION POLAR PLATFORMS SEA LAUNCHING RT SOLID PROPELLANT ROCKET ENGINES XM-33 ENGINE ∞ POSITION (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS TIROS SATELLITES SN TWENTY-FOUR HOUR ORBITS POLISH TS-11 AIRCRAFT USE TS-11 AIRCRAFT LISTED BELOW)
ATTITUDE (INCLINATION)
POSITION (LOCATION)
POSITION (TITLE) RT **POLARIMETERS** SPECTROPOLARIMETERS
MEASURING INSTRUMENTS POLLUTION TRANSPORT
UF ATMOSPHERIC LOADING GS OPTICAL MEASURING INSTRUMENTS **AEROSOLS** .. POLARIMETERS
OPTICAL EQUIPMENT AIR POLLUTION
ATMOSPHERIC CIRCULATION POSITION (LOCATION)
UF LOCALIZATION OPTICAL MEASURING INSTRUMENTS
. POLARIMETERS
CHEMICAL ANALYSIS ATMOSPHERIC DIFFUSION LOCATION COMBUSTION PRODUCTS POSITION (LOCATION)
. SOLAR POSITION GS DISPERSING RT ELLIPSOMETERS ENVIRONMENT POLLUTION EXHAUST EMISSION EXHAUST GASES ALTITUDE RT OPTICAL MEASUREMENT PHOTOMETERS ASTROLABES AZIMUTH GAS TRANSPORT GASEOUS DIFFUSION POLARIMETRY BEARING (DIRECTION)

GLOBAL AIR POLLUTION

**PLUMES** 

COLLATING

COLLOCATION

COORDINATES

POLARISCOPES

POLAROGRAPHY

POLARIZERS

		PRANDTL-MEYER EXPANSION-(CONT.)
POSITION (LOCATION)-(CONT.)	POSTFLIGHT ANALYSIS RT ∞ANALYZING	NEWTON PRESSURE LAW
DETECTION	DEDECRMANCE	SUPERSONIC FLOW TWO DIMENSIONAL FLOW
DISTANCE EPHEMERIDES	POSTMISCION ANALYSIS (SPACECRAFT)	TWO DIMENSIONAL FLOW
EXPOSURE		PRECESSION
∞ FIXING	POSTMISSION ANALYSIS (SPACECRAFT) RT FLIGHT TESTS	GS GYRATION
GEOMETRY	RT FLIGHT TESTS POSTFLIGHT ANALYSIS	PRECESSION
LATITUDE LONGITUDE		LARMOR PRECESSION PROTON PRECESSION
MISALIGNMENT	POTENTIAL FLOW	QUENCHING (ATOMIC PHYSICS)
NAVIGATION	UF IRROTATIONAL FLOW	RT EARTH ORIENTATION
ORBITAL POSITION ESTIMATION  © ORIENTATION	GS FLUID FLOW POTENTIAL FLOW	GYROSCOPES
∞ POINTS	EQUIPOTENTIALS	GYROSCOPIC STABILITY LARMOR RADIUS
POSITION ERRORS	RT CARTAN SPACE	LIBRATION
POSITION SENSING	HEAT TRANSMISSION INVISCID FLOW	MUON SPIN ROTATION
POSITIONING RADAR BEACONS	VORTICITY	NUTATION POLAR WANDERING (GEOLOGY)
SITES		ROTATION
SOUND RANGING	POTENTIAL GRADIENTS	VORTEX PRECESSION
SPATIAL DISTRIBUTION SPHERICAL COORDINATES	GS GRADIENTS POTENTIAL GRADIENTS	
STATIONS	RT PRESSURE GRADIENTS	PRECOOLING
SURVEYS	SPARK GAPS	GS COOLING PRECOOLING
TRACKING (POSITION)	TEMPERATURE GRADIENTS	RT REGENERATIVE COOLING
	POTENTIAL THEORY	
POSITION ERRORS	RT DIFFERENTIAL EQUATIONS	PREDICTOR-CORRECTOR METHODS
GS ERRORS . <b>POSITION ERRORS</b>	JACOBI INTEGRAL	GS ANALYSIS (MATHEMATICS)
. BORESIGHT ERROR	LENNARD JONES POTENTIAL	. NUMERICAL ANALYSIS APPROXIMATION
RT ASTROLABES	∞ POTENTIAL STREAM FUNCTIONS (FLUIDS)	PREDICTOR-CORRECTOR METHODS
ERROR SIGNALS NAVIGATION	∞ THEORIES	ITERATION
OPTICAL CORRECTION PROCEDURE		PREDICTOR-CORRECTOR METHODS
ORBITAL POSITION ESTIMATION	POTENTIOMETERS (INSTRUMENTS)	RT DIFFERENTIAL EQUATIONS ITERATIVE SOLUTION
POSITIONING	GS MEASURING INSTRUMENTS POTENTIOMETERS (INSTRUMENTS)	TENTIVE COLOTTO
VELOCITY ERRORS	RT BOLOMETERS	PREFIRING TESTS
	ELECTRIC POTENTIAL	GS ENGINE TESTS
POSITION INDICATORS GS DISPLAY DEVICES	ELECTRICAL MEASUREMENT	PREFIRING TESTS
POSITION INDICATORS	ELECTROMETERS ∞POTENTIOMETERS	RT CAPTIVE TESTS CHECKOUT
PLAN POSITION INDICATORS	THERMOCOUPLE PYROMETERS	GROUND TESTS
RADIO DIRECTION FINDERS SPACECRAFT POSITION INDICATORS	THERMOCOUPLES	PREFLIGHT ANALYSIS
MEASURING INSTRUMENTS	VOLTMETERS	PRELAUNCH TESTS ROCKET ENGINE DESIGN
INDICATING INSTRUMENTS	DOTES AIRCRAFT	SPACE VEHICLE CHECKOUT PROGRAM
POSITION INDICATORS	POTEZ AIRCRAFT  RT   AIRCRAFT	STATIC TESTS
PLAN POSITION INDICATORS RADIO DIRECTION FINDERS	M WALLOW !	TEST FIRING
SPACECRAFT POSITION	∞ POWER	TEST STANDS
INDICATORS	SN (USE OF A MORE SPECIFIC TERM IS	∞ TESTS
RT AIRCRAFT INSTRUMENTS	RECOMMENDED-CONSULT THE TERMS LISTED BELOW)	PREHEATING
ALTIMETERS	RT ELECTRIC GENERATORS	USE HEATING
BEACONS DISTANCE MEASURING EQUIPMENT	FLUID POWER	<b></b>
FLIGHT INSTRUMENTS	FLUX (RATE)	PREMIXED FLAMES
GLOBAL POSITIONING SYSTEM	FLUX DENSITY HORSEPOWER	GS FLAMES
HEAD-UP DISPLAYS NAVIGATION AIDS	RESOLUTION	. PREMIXED FLAMES RT CARBURETORS
NAVIGATION INSTRUMENTS	THRUST	FLAME PROPAGATION
PLOTTERS		GAS MIXTURES
POSITION SENSING	POWERED LIFT AIRCRAFT	MIXING PREMIXING
RANGE FINDERS ROCKET-BORNE INSTRUMENTS	RT ∞AIRCRAFT EXTERNALLY BLOWN FLAPS	PREMIXING
SEXTANTS	SHORT TAKEOFF AIRCRAFT	PREMIXING
SOLAR COMPASSES	VERTICAL TAKEOFF AIRCRAFT	GS MIXING
SOUND LOCALIZATION		. PREMIXING RT FUEL-AIR RATIO
TO THE PERSON OF MAIN	PPI (POSITION INDICATORS) USE PLAN POSITION INDICATORS	RT FUEL-AIR HATIO FUELS
POSITION SENSING RT COMPUTER VISION	OSE PENT COME.	GAS MIXTURES
ELECTRO-OPTICS	PRANDTL NUMBER	HOMOGENIZING
POSITION (LOCATION)	GS RATIOS	IGNITION JET MIXING FLOW
POSITION INDICATORS ROBOTICS	. DIMENSIONLESS NUMBERS PRANDTL NUMBER	PREMIXED FLAMES
HOBOTICS	RT FORCED CONVECTION	SPRAYING
POSITIONING DEVICES (MACHINERY)	GRASHOF NUMBER	
GS POSITIONING DEVICES (MACHINERY)	HEAT TRANSFER	PREPROCESSING RT DATA PROCESSING
BOOMS (EQUIPMENT)	INVISCID FLOW  MOMENTUM TRANSFER	DATA REDUCTION
. CAMS	NUSSELT NUMBER	IMAGE PROCESSING
. JIGS RT ∞DEVICES	PECLET NUMBER	
HOLDERS	REYNOLDS NUMBER	PRESSURE UF SURFACE PRESSURE
JACKS (LIFTS)	SCHMIDT NUMBER THERMODYNAMIC PROPERTIES	GS PRESSURE
∞MACHINERY SLEWING	VISCOUS FLOW	. ATMOSPHERIC PRESSURE
OLE MING		BASE PRESSURE
POST BOOST PROPULSION SYSTEM	PRANDTL-MEYER EXPANSION	BLOOD PRESSURE DIASTOLIC PRESSURE
RT ASCENT TRAJECTORIES	GS EXPANSION . PRANDTL-MEYER EXPANSION	HYPERTENSION
PROPULSION PROPULSION SYSTEM CONFIGURATIONS	RT BLASIUS EQUATION	HYPOTENSION
ROCKET ENGINES	FALKNER-SKAN EQUATION	LOWER BODY NEGATIVE PRESSURE SYSTOLIC PRESSURE
SPACECRAFT PROPULSION	FLOW DEFLECTION	CRITICAL PRESSURE
∞ SYSTEMS	LAMINAR FLOW METHOD OF CHARACTERISTICS	DENSIFICATION
TRAJECTORY CONTROL	METHOD OF OUR WOOD	

### PRESSURE DEPENDENCE

PRESSI	URE-(CONT.) DIFFERENTIAL PRESSURE	PRESSURE DISTRIBUTION	PRESSURE GAGES-(CONT.)
	DYNAMIC PRESSURE	UF PRESSURE FIELDS GS DISTRIBUTION (PROPERTY)	MCLEOD GAGES
	FLUID PRESSURE	PRESSURE DISTRIBUTION	RT ∞BOMBS
	WATER PRESSURE	RT AERODYNAMIC COEFFICIENTS	BOURDON TUBES
	. GAS PRESSURE	AERODYNAMIC LOADS	FLOWMETERS
	. GEOPRESSURE . HIGH PRESSURE	AERODYNAMIC STABILITY CENTER OF PRESSURE	HYPSOMETERS
	. INLET PRESSURE	DIFFERENTIAL PRESSURE	PRESSURE SHOCK MEASURING INSTRUMENTS
	. INTERNAL PRESSURE	∞ DISTRIBUTION	STRAIN GAGE ACCELEROMETERS
	INTRACRANIAL PRESSURE	FIELD THEORY (PHYSICS)	STRAIN GAGE BALANCES
	INTRAOCULAR PRESSURE ISOSTATIC PRESSURE	INFLUENCE COEFFICIENT	STRAIN GAGES
	LOW PRESSURE	INTERNAL PRESSURE ISOBARS (PRESSURE)	WEIGHT INDICATORS
	HIGH ALTITUDE PRESSURE	LIFT	
	. MIDDLE EAR PRESSURE	LOADING MOMENTS	PRESSURE GRADIENTS GS GRADIENTS
	. OVERPRESSURE	LOADS (FORCES)	. PRESSURE GRADIENTS
	. PARTIAL PRESSURE OXYGEN TENSION	MANOMETERS MASS DISTRIBUTION	RT ATMOSPHERIC PRESSURE
	HYPOXEMIA	MOMENT DISTRIBUTION	BATHYTHERMOGRAPHS
	PLASMA PRESSURE	NEWTON PRESSURE LAW	CRITICAL FLOW
	. RADIATION PRESSURE	PRESSURE	DIFFERENTIAL PRESSURE FLUID BOUNDARIES
	ELECTRON PRESSURE	∞ PRESSURE DROP	FLUID FLOW
	LUMENS LUMINOUS INTENSITY	SHOCK WAVE PROFILES SPANWISE BLOWING	FRICTION FACTOR
	ILLUMINANCE	STATIC LOADS	GEOPRESSURE
	LUMINANCE	STRUCTURAL DESIGN CRITERIA	HYDRODYNAMICS HYDROSTATICS
	SOUND PRESSURE	THEODORSEN TRANSFORMATION	HYDROSTATICS INLET PRESSURE
	STAGNATION PRESSURE STATIC PRESSURE	THRUST DISTRIBUTION	ISOBARS (PRESSURE)
	HYDROSTATIC PRESSURE	VELOCITY DISTRIBUTION VERTICAL DISTRIBUTION	KNUDSEN FLOW
	. SUPERCRITICAL PRESSURES	WALL PRESSURE	LIQUID FLOW
	. THRUST CHAMBER PRESSURE		LIQUID-LIQUID INTERFACES LIQUID-VAPOR INTERFACES
	TRANSIENT PRESSURES	PRESSURE DRAG	MULTIPHASE FLOW
	. TRANSITION PRESSURE . VACUUM	GS DYNAMIC CHARACTERISTICS	ORIFICE FLOW
	. HIGH VACUUM	. Drag <b>Pressure Drag</b>	PIPE FLOW
	LOW VACUUM	SUPERSONIC DRAG	POTENTIAL GRADIENTS PRESSURE
	ULTRAHIGH VACUUM	WAVE DRAG	∞ PRESSURE DROP
	. VAPOR PRESSURE . WALL PRESSURE	INTERFERENCE DRAG	RANKINE-HUGONIOT RELATION
	. WIND PRESSURE	RT AERODYNAMIC DRAG	STEADY FLOW
RT	BARORECEPTORS	FRICTION DRAG PRESSURE	STEAM FLOW
	BLAST LOADS	THESSONE	SUBCRITICAL FLOW SUCTION
	CENTER OF PRESSURE COMPRESSING	∞ PRESSURE DROP	SUPERCRITICAL FLOW
	EAR PRESSURE TEST	SN (USE OF A MORE SPECIFIC TERM IS	UNIFORM FLOW
	ELASTIC WAVES	RECOMMENDED-CONSULT THE TERMS	UNSTEADY FLOW
	ENVIRONMENTS	LISTED BELOW) RT FLUID POWER	VENTURI TUBES
or	FORCE FUEL TANK PRESSURIZATION	FRICTION	PRESSURE HEADS
	GIBBS-HELMHOLTZ EQUATIONS	GAS FLOW	UF HEAD (PRESSURE)
	HEAD (FLUID MECHANICS)	HEAD FLOW	GS FLUID FLOW
	HIGH PRESSURE OXYGEN	INLET FLOW	. HEAD (FLUID MECHANICS)
	IMPACT	PRESSURE PRESSURE DISTRIBUTION	<b>Pressure Heads</b> RT Center of Pressure
	ISOBARS (PRESSURE) LOADS (FORCES)	PRESSURE GRADIENTS	ELEVATION
	NEWTON PRESSURE LAW	PRESSURE OSCILLATIONS	∞ HYDRAULICS
	OSMOSIS	PRESSURE REDUCTION	HYDRODYNAMICS
	PRESSURE BREATHING	TWO PHASE FLOW	HYDROSTATIC PRESSURE HYDROSTATICS
	PRESSURE BROADENING PRESSURE CHAMBERS	PRESSURE EFFECTS	LIQUID FLOW
	PRESSURE DISTRIBUTION	RT BETA FACTOR	PRESSURE
	PRESSURE DRAG	COMPRESSIBILITY EFFECTS	
	PRESSURE DROP	∞EFFECTS	PRESSURE MEASUREMENT
	PRESSURE EFFECTS PRESSURE GAGES	JET BLAST EFFECTS LOADS (FORCES)	UF TONOMETRY GS MECHANICAL MEASUREMENT
	PRESSURE GRADIENTS	NONISOTHERMAL PROCESSES	GS MECHANICAL MEASUREMENT PRESSURE MEASUREMENT
	PRESSURE HEADS	PRESSURE	RT BAROMETERS
	PRESSURE ICE	SUCTION	BOURDON TUBES
	PRESSURE MEASUREMENT PRESSURE MODULATOR RADIOMETERS	TEMPERATURE EFFECTS TEMPERATURE INVERSIONS	DIFFERENTIAL PRESSURE
	PRESSURE OSCILLATIONS	TRANSITION PRESSURE	FLOW MEASUREMENT FLOWMETERS
	PRESSURE PULSES	VACUUM EFFECTS	IONIZATION GAGES
	PRESSURE RATIO	WIND EFFECTS	KNUDSEN GAGES
	PRESSURE RECORDERS		MANOMETERS
	PRESSURE RECOVERY PRESSURE REDUCTION	PRESSURE FIELDS	MCLEOD GAGES ∞ MEASUREMENT
	PRESSURE SENSORS	USE PRESSURE DISTRIBUTION	MEASUREMENT NOISE METERS
	PRESSURE SUITS	PRESSURE GAGES	PHILIPS IONIZATION GAGES
	PRESSURE VESSEL DESIGN	UF BOMBS (PRESSURE GAGES)	PIRANI GAGES
	PRESSURE VESSELS PRESSURE WELDING	GS MEASURING INSTRUMENTS	PITOT TUBES
	PRESSURIZED CABINS	. PRESSURE GAGES	PNEUMATIC PROBES PRESSURE
	PRESSURIZED WATER REACTORS	. BAROMETERS . MANOMETERS	VACUUM
	PRESSURIZING	. OSMOMETERS	VACUUM GAGES
	TEMPERATURE INVERSIONS	PIEZOELECTRIC GAGES	VELOCITY
	VACUUM CHAMBERS WEIGHT (MASS)	PIEZOMETERS	VELOCITY MEASUREMENT
	TELECTIC (MICOS)	VACUUM GAGES IONIZATION GAGES	VENTURI TUBES WEIGHT INDICATORS
		JUNIZATION GAGES	WIND TUNNEL CALIBRATION
		BAYARD-ALPERT IONIZATION	WIND TUNNEL TESTS
	E DEPENDENCE	GAGES	
AT	BURNING RATE	PENNING GAGES	PRESSURE OSCILLATIONS
	HYDROSTATIC PRESSURE		CO COCILIATIONS
	HYDROSTATIC PRESSURE REACTION KINETICS	PHILIPS IONIZATION GAGES KNUDSEN GAGES	GS OSCILLATIONS . PRESSURE OSCILLATIONS

#### **PROPELLANTS**

PROP-FAN TECHNOLOGY PRESSURE VESSEL DESIGN PRESSURE OSCILLATIONS-(CONT.) PROPELLER BLADES
PROPELLER EFFICIENCY STRUCTURAL DESIGN
PRESSURE VESSEL DESIGN ACOUSTIC FREQUENCIES
COMBUSTION STABILITY
FLAME PROPAGATION GS PROPELLER FANS DESIGN TURBOPROP ENGINES PERFORATED SHELLS PRESSURE DROP
SOUTHERN OSCILLATION PRESSURE SHELLS (STRUCTURAL FORMS) © PROPELLANT ACTUATED DEVICES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS TURBULENT FLOW PRESSURE WAVES LISTED BELOW) ELASTIC WAVES PRESSURE PROBES **EJECTION SEATS** RΤ EXPLOSIVE DEVICES
PROPELLANT ACTUATED INSTRUMENTS PRESSURE SENSORS PRESSURIZING PRESSURIZING **ROCKET ENGINES** PRESSURE PULSES FUEL TANK PRESSURIZATION ACCUMULATORS DENSIFICATION EXPULSION GS **PULSES** PROPELLANT ADDITIVES PRESSURE PULSES ADDITIVES
PROPELLANT ADDITIVES
PROPELLANT BINDERS BLAST LOADS RT FLAME PROPAGATION EXPULSION BLADDERS GAS GENERATORS PRESSURE ... SOLID ROCKET BINDERS
ANTICING ADDITIVES
ANTIOXIDANTS SHOCK WAVES GAS INJECTION ЯT INFLATING PRESSURE RATIO PRESSURE CATALYSTS
COMPOSITE PROPELLANTS
CORROSION PREVENTION PRESSURE REGULATORS RATIOS PRESSURE RATIO STIMULATION FUEL-AIR RATIO LIFT DRAG RATIO RT GELLED PROPELLANTS PRESTON TUBES
USE PITOT TUBES INHIBITORS MASS RATIOS PAYLOAD MASS RATIO PRESSURE PLASTICIZERS SPEED INDICATORS STORABLE PROPELLANTS PROPELLANT MASS RATIO STRESS RATIO THRUST-WEIGHT RATIO PRETESTS PROPELLANT COMBUSTION TESTS COMBUSTION PROPELLANT COMBUSTION SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION PRIMITIVE EQUATIONS
RT ATMOSPHERIC BOUNDARY LAYER
CLIMATOLOGY PRESSURE RECORDERS
GS RECORDING INSTRUMENTS
. PRESSURE RECORDERS AXIAL MODES RT © EQUATIONS

EULER EQUATIONS OF MOTION
FLUID DYNAMICS COMBUSTION EFFICIENCY COMBUSTION STABILITY AT PRESSURE EROSIVE BURNING PRESSURE RECOVERY FUEL COMBUSTION
HYDROCARBON COMBUSTION ∞ MATHEMATICS ∞ DIFFUSERS DIFFUSERS
EXPLOSIVE DECOMPRESSION
FLUID AMPLIFIERS IGNITION PRINCETON SAILWINGS METAL COMBUSTION VELOCITY COUPLING SAILWINGS USE INLET PRESSURE PRESSURE ~ RECOVERY PRIVATE AIRCRAFT
USE GENERAL AVIATION AIRCRAFT PROPELLANT EXPLOSIONS DETONATION PRESSURE REDUCTION IMPLOSIONS BLEED-OFF DECOMPRESSION ROCKET ENGINES **PROJECTILES PROJECTILES** GS DEFLATING HYPERVELOCITY PROJECTILES PRECISION GUIDED PROJECTILES SABOT PROJECTILES PROPELLANT GRAINS DEPRESSURIZATION
PRESSURE REDUCTION
EXPLOSIVE DECOMPRESSION BURNING RATE GS ∞ GRAINS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS AMMUNITION BALLISTICS BOMBS (ORDNANCE) ∞ BLEEDING COMPRESSING GAS EXPANSION CARTRIDGES FINNED BODIES PROPELLANT MASS RATIO INFLATING RATIOS FINNED BODIES
GUNFIRE
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
NUCLEAR WEAPONS
PYROTECHNICS GS PRESSURE . MASS RATIOS
... PROPELLANT MASS RATIO
PAYLOAD MASS RATIO ∞ PRESSURE DROP REDUCTION ВŤ PRESSURE RATIO
PROPULSION SYSTEM PERFORMANCE PRESSURE REGULATORS
GS CONTROL EQUIPMENT
PRESSURE REGULATORS SHAPED CHARGES PROPULSIVE EFFICIENCY SHRAPNEL
TERMINAL BALLISTICS
TERRADYNAMICS SPECIFIC IMPULSE STAGE SEPARATION REGULATORS PRESSURE REGULATORS VALVES
. AUTOMATIC CONTROL VALVES
. PRESSURE REGULATORS WARHEADS PROPELLANT OXIDIZERS WEAPONS ROCKET OXIDIZERS CONTROLLERS FLOW REGULATORS ЯT **PROJECTORS** PROPELLANT PROPERTIES (LIGHT AND IMAGE) BEACONS PROPELLANT PROPERTIES
PROPELLANT SENSITIVITY FUEL TANK PRESSURIZATION OXYGEN REGULATORS PRESSURIZING ILLUMINATING PROPELLANT STORABILITY LUMINAIRES MOTION PICTURES PHOTOGRAMMETRY CHEMICAL PROPERTIES ELASTIC PROPERTIES RELIEF VALVES MECHANICAL PROPERTIES

© PHYSICAL PROPERTIES

© PROPERTIES PRESSURE SENSORS
UF PRESSURE PROBES
PRESSURE TRANSDUCERS PHOTOGRAPHIC EQUIPMENT **PHOTOGRAPHY** PRINTERS THERMODYNAMIC PROPERTIES TRANSDUCERS
TRANSDUCERS
PRESSURE SENSORS
BOURDON TUBES
ELECTROACOUSTIC WAVES
PIEZOELECTRIC GAGES ∞ PROJECTION GS **SEARCHLIGHTS** PROPELLANT SPRAYS
RT FUEL INJECTION
FUEL SPRAYS ΑT **PROLATENESS** LIQUID INJECTION SHAPES PRESSURE LIQUID ROCKET PROPELLANTS QUARTZ TRANSDUCERS SPRAYERS PRONY SERIES ∞RAKES SHOCK WAVE GENERATORS
TRANSIENT PRESSURES ANALYSIS (MATHEMATICS)
. CALCULUS **PROPELLANTS** PROPELLANTS

SERIES (MATHEMATICS)

. . SERIES (MATHEMATICS)

PRONY SERIES

... PRONY SERIES

TRANSIENT RESPONSE ULTRASONIC WAVE TRANSDUCERS

PRESSURE TRANSDUCERS

PRESSURE SENSORS

COLLOIDAL PROPELLANTS
DOUBLE BASE PROPELLANTS

DOUBLE BASE ROCKET

**PROPELLANTS** 

### **PROPELLER BLADES**

PROPELLANTS-(CONT.)		PELLER FANS	PROPULSION-(CONT.)
GELLED PROPELLANTS	GS		ELECTROSTATIC PROPULSION
. Gelled rocket propellants . Gun propellants		PROPELLER FANS	ION PROPULSION
. HIGH ENERGY PROPELLANTS	AT	DUCTED FANS ∞FANS	MATTER-ANTIMATTER PROPULSION
DOMINO PROPELLANTS		LIFT FANS	. PHOTONIC PROPULSION
. HIGH TEMPERATURE PROPELLANTS		PROP-FAN TECHNOLOGY	. PLASMA PROPULSION SOLAR PROPULSION
. HYBRID PROPELLANTS			SOLAR ELECTRIC PROPULSION
HYDRAZINE NITROFORM	PRO	PELLER NOISE	SOLAR THERMAL PROPULSION
. HYDROGEN AZIDES . NITRASOL EXPLOSIVES	GS		RT AERONAUTICAL ENGINEERING
. PENTOLITE		. SOUND WAVES	∞ AIRCRAFT
. RDX		. NOISE (SOUND)	∞ ASTRONAUTICS
. ROCKET PROPELLANTS		AERODYNAMIC NOISE PROPELLER NOISE	∞ DRIVES ENGINES
. GASEOUS ROCKET PROPELLANTS		AIRCRAFT NOISE	EXHAUST GASES
. LIQUID ROCKET PROPELLANTS		PROPELLER NOISE	FUEL TANK PRESSURIZATION
CRYOGENIC ROCKET PROPELLANTS GELLED ROCKET PROPELLANTS	RT	ACOUSTIC RETROFITTING	FUEL TANKS
HYPERGOLIC ROCKET		AEROACOUSTICS	HIGH IMPULSE
PROPELLANTS		BLADE SLAP NOISE ENGINE NOISE	LOCOMOTION MASS DRIVERS
MONOPROPELLANTS		MUFFLERS	MISSILES
AEROZINE		NOISE INTENSITY	POST BOOST PROPULSION SYSTEM
RP-1 ROCKET PROPELLANTS		NOISE MEASUREMENT	PROPELLANTS
SLURRY PROPELLANTS SLUSH HYDROGEN		NOISE PREDICTION (AIRCRAFT)	PROPULSIVE EFFICIENCY
. NITRAMINE PROPELLANTS		NOISE REDUCTION	PULLING
. SOLID ROCKET PROPELLANTS		SOUND FIELDS	PUSHING
DOUBLE BASE ROCKET		SOUND TRANSMISSION	ROCKET PROPELLANTS SOLAR SAILS
PROPELLANTS	0000	ELLER SLIPSTREAMS	SPACE FLIGHT
METAL PROPELLANTS	GS	WAKES	SPACE SHUTTLE MAIN ENGINE
TAGN TATB	40	. AIRCRAFT WAKES	SPACE TUGS
SOLID PROPELLANTS		SLIPSTREAMS	THRUST
. CASE BONDED PROPELLANTS		PROPELLER SLIPSTREAMS	
. COMPOSITE PROPELLANTS		. TURBULENT WAKES	PROPULSION SYSTEM CONFIGURATIONS
NITRAMINE PROPELLANTS		SLIPSTREAMS	GS PROPULSION SYSTEM CONFIGURATIONS
PLASTIC PROPELLANTS	RT	PROPELLER SLIPSTREAMS INTERFERENCE DRAG	. ASCENT PROPULSION SYSTEMS
. SOLID ROCKET PROPELLANTS	111	INTERPENCE DRAG	DESCENT PROPULSION SYSTEMS
DOUBLE BASE ROCKET PROPELLANTS	PPOP	ELLERS	RT AERODYNAMIC CONFIGURATIONS
HMX	GS	PROPELLERS	AIRCRAFT CONFIGURATIONS
HTPB PROPELLANTS		. CONTRAROTATING PROPELLERS	AUXILIARY PROPULSION
METAL PROPELLANTS		. PROPELLER FANS	∞ CONFIGURATIONS
. STORABLE PROPELLANTS		. SHROUDED PROPELLERS	CONVERTIBLE FAN-SHAFT ENGINES LASER PROPULSION
. TETRYL RT AMMUNITION		. TILTED PROPELLERS	LAUNCH VEHICLE CONFIGURATIONS
RT AMMUNITION ASCENT PROPULSION SYSTEMS	RT	. VARIABLE PITCH PROPELLERS ACTUATOR DISKS	MISSILE CONFIGURATIONS
AUXILIARY PROPULSION	N1	FEATHERING	POST BOOST PROPULSION SYSTEM
BALLISTICS		PROPELLER BLADES	SPACE STATION PROPULSION
BURNING RATE		PROPELLER DRIVE	SPACECRAFT CONFIGURATIONS ∞SYSTEMS
CARTRIDGES		PROPELLER EFFICIENCY	TOPPING CYCLE ENGINES
CHEMICAL FUELS		SHIPS	TOTALING OTOLE ENGINES
∞ENERGY SOURCES EXPLOSIVES			PROPULSION SYSTEM PERFORMANCE
FUEL TANKS	GS	ORTIONAL CONTROL AUTOMATIC CONTROL	RT COLD FLOW TESTS
FUELS	us	. PROPORTIONAL CONTROL	COMBUSTION EFFICIENCY
FULMINATES	RT	∞CONTROL	∞ PERFORMANCE
GUNS (ORDNANCE)		CONTROL EQUIPMENT	POWER EFFICIENCY
INCENDIARY AMMUNITION		FEEDBACK CONTROL	PROPELLANT MASS RATIO PROPULSIVE EFFICIENCY
∞ POWER SUPPLIES PROPULSION		OFF-ON CONTROL	ROCKET THRUST
SPACECRAFT POWER SUPPLIES		SERVOCONTROL	SOLAR THERMAL PROPULSION
SPACECRAFT PROPULSION	PROPL		SPECIFIC IMPULSE
SPECIFIC IMPULSE	GS	PROPULSION	∞ SYSTEMS
TORPEDOES		. ASCENT PROPULSION SYSTEMS	THERMODYNAMIC EFFICIENCY
		. AUXILIARY PROPULSION	
ROPELLER BLADES		. CHEMICAL PROPULSION	PROPULSIVE EFFICIENCY GS EFFICIENCY
GS AIRFOILS PROPELLER BLADES		. HYBRID PROPULSION	PROPULSIVE EFFICIENCY
RT BLADE TIPS		DESCENT PROPULSION SYSTEMS ELECTRIC PROPULSION	. PROPELLER EFFICIENCY
∞BLADES		. ELECTRIC PROPULSION	RT COMBUSTION EFFICIENCY
FAN BLADES		. ELECTROSTATIC PROPULSION	ENGINE TESTS
FEATHERING		ION PROPULSION	LASER PROPULSION
PROP-FAN TECHNOLOGY		LASER PROPULSION	MULTISTAGE ROCKET VEHICLES
PROPELLERS		PLASMA PROPULSION	NOZZLE EFFICIENCY POWER EFFICIENCY
ROTARY WINGS SYNCHROPHASING		. SOLAR ELECTRIC PROPULSION	PROPELLANT MASS RATIO
STHORNOPHASING		. JET PROPULSION . LOW THRUST PROPULSION	PROPELLANT TESTS
ROPELLER DRIVE		. ELECTROMAGNETIC PROPULSION	PROPULSION
GS MECHANICAL DRIVES		ELECTROSTATIC PROPULSION	PROPULSION SYSTEM PERFORMANCE
. PROPELLER DRIVE		ION PROPULSION	SPECIFIC IMPULSE
HELICOPTER PROPELLER DRIVE		MAN OPERATED PROPULSION	THERMODYNAMIC EFFICIENCY THRUST PROGRAMMING
RT CONTRAROTATING PROPELLERS		SYSTEMS	HINGSI FROGRAMMING
MARINE PROPULSION		. PHOTONIC PROPULSION	PROTOTYPES
PROPELLERS		. PLASMA PROPULSION . SOLAR PROPULSION	RT BREADBOARD MODELS
UNDERWATER PROPULSION		SOLAR ELECTRIC PROPULSION	∞ PATTERNS
		SOLAR THERMAL PROPULSION	PILOT PLANTS
ROPELLER EFFICIENCY		MARINE PROPULSION	
SS EFFICIENCY  PROPILISIVE EFFICIENCY		. UNDERWATER PROPULSION	PROTUBERANCES
. PROPULSIVE EFFICIENCY PROPELLER EFFICIENCY		SUBMARINE PROPULSION	SN (COMPONENTS MOUNTED EXTERNAL TO
RT CONTRAROTATING PROPELLERS		. NUCLEAR PROPULSION NUCLEAR ELECTRIC PROPULSION	THE STRUCTURE)
POWER EFFICIENCY .		. SPACE STATION PROPULSION	GS PROTUBERANCES
PROP-FAN TECHNOLOGY		. SPACECRAFT PROPULSION	. PROTON PROTUBERANCES RT AERODYNAMIC CONFIGURATIONS
PROPELLERS		ELECTROMAGNETIC PROPULSION	AERODYNAMIC INTERFERENCE

RT

		PSV AIRCRAFT
PROTUBERANCES-(CONT.)	PYLON MOUNTING RT AERODYNAMIC CONFIGURATIONS	USE P-3 AIRCRAFT
AIRCRAFT ANTENNAS	AIRCRAFT STRUCTURES	
AIRCRAFT PARTS	COLUMNS (SUPPORTS)	
AIRFRAMES	RIGID MOUNTING	
∞ BLISTERS	STRUCTURAL MEMBERS	Q
COWLINGS	SUPPORTS	<b>u</b>
DOMES (STRUCTURAL FORMS)	WIND TUNNEL MODELS	
EXTERNAL STORE SEPARATION EXTERNAL STORES		QH-50 HELICOPTER
FAIRINGS	PYLONS	UF DASH HELICOPTER
FUEL TANKS	GS SUPPORTS	DSN HELICOPTER
HOUSINGS	PYLONS	GYRODYNE DSN-3 HELICOPTER
NACELLES	RT COLUMNS (SUPPORTS)	GYRODYNE MILITARY AIRCRAFT
PAPILLAE	STRUCTURAL MEMBERS	GS GYRODYNE AIRCRAFT
PITOT TUBES	STRUTS	. QH-50 HELICOPTER
RADOMES	TOWERS	V/STOL AIRCRAFT
∞RIDGES		. ROTARY WING AIRCRAFT HELICOPTERS
SHELLS (STRUCTURAL FORMS)	PYRAMIDAL BODIES	MILITARY HELICOPTERS
VORTEX ALLEVIATION	RT ∞BODIES	QH-50 HELICOPTER
WING-FUSELAGE STORES	PYRAMIDS	. , GIPOO HELLOOT TON
WINGLETS	REENTRY VEHICLES	ANADRATIC FOUNTIONS
		QUADRATIC EQUATIONS  GS ALGEBRA
PROVIDER AIRCRAFT	PYRANOMETERS	GS ALGEBRA , NONLINEAR EQUATIONS
USE C-123 AIRCRAFT	GS MEASURING INSTRUMENTS	QUADRATIC EQUATIONS
	. RADIATION MEASURING INSTRUMENTS	ANALYSIS (MATHEMATICS)
PULSATING FLOW	ACTINOMETERS	REAL VARIABLES
USE UNSTEADY FLOW	PYRANOMETERS	NONLINEAR EQUATIONS
	RT PHOTOMETERS	QUADRATIC EQUATIONS
	RADIOMETERS	FIELD THEORY (ALGEBRA)
PULSE HEATING	SKY RADIATION	. QUADRATIC EQUATIONS
GS HARDENING (MATERIALS) . PULSE HEATING		RT ∞EQUATIONS
HEAT TREATMENT	PYROGRAPHALLOY	POLYNOMIALS
. ANNEALING	USE COMPOSITE MATERIALS	
. PULSE HEATING	PYROLYTIC GRAPHITE	QUAIL MISSILE
HEATING	REFRACTORY MATERIALS	GS DECOYS
. TRANSIENT HEATING		, QUAIL MISSILE
PULSE HEATING	PYROLYTIC GRAPHITE	MISSILES
RT LASER HEATING	UF PYROGRAPHALLOY	. AIR TO SURFACE MISSILES
	GS CARBONACEOUS MATERIALS	. QUAIL MISSILE
PULSED JET ENGINES	GRAPHITE	RT COUNTERMEASURES
GS ENGINES	PYROLYTIC GRAPHITE	TURBOJET ENGINES
. PULSED JET ENGINES	MINERALS	
RT ELECTRIC ROCKET ENGINES	. GRAPHITE	QUANTIZATION
ELECTROTHERMAL ENGINES	PYROLYTIC GRAPHITE PYROLYTIC MATERIALS	USE MEASUREMENT
PLASMA ENGINES	PYROLYTIC GRAPHITE	ALLEST TRANSPIRED
RESISTOJET ENGINES	RT HEAT SHIELDING	QUARTZ TRANSDUCERS GS TRANSDUCERS
	AT HEAT STILLEDING	GS TRANSDUCERS . Quartz transducers
THE OF ITT PRODUCE		RT PIEZOELECTRIC CRYSTALS
PULSEJET ENGINES GS ENGINES	PYROLYTIC MATERIALS	PRESSURE SENSORS
. AIR BREATHING ENGINES	GS PYROLYTIC MATERIALS . PYROLYTIC GRAPHITE	
. GAS TURBINE ENGINES	RT ABLATIVE MATERIALS	∞ QUENCHING
JET ENGINES	CERAMICS	EN /USE OF A MORE SPECIFIC TERM IS
RAMJET ENGINES	∞ MATERIALS	RECOMMENDED-CONSULT THE TERMS
PULSEJET ENGINES	REFRACTORY COATINGS	LISTED BELOW)
. INTERNAL COMBUSTION ENGINES	REFRACTORY MATERIALS	RT EXTINGUISHING
GAS TURBINE ENGINES		QUENCHING (ATOMIC PHYSICS)
JET ENGINES	PYROMETALLURGY	QUENCHING (COOLING)
RAMJET ENGINES <b>Pulsejet Engines</b>	RT AEROTHERMOCHEMISTRY	RAPID QUENCHING (METALLURGY)
	ALLOYING	
. Turbine engines Gas turbine engines	CHLORINATION	QUENCHING (COOLING)
JET ENGINES	∞ CONVERTERS	UF FLAME QUENCHING
RAMJET ENGINES	HEAT BALANCE	GS COOLING (COOLING)
PULSEJET ENGINES	METAL WORKING	RT BATHS
RT V-1 MISSILE	∞ METALLURGY	COMBUSTION
	REFINING	DIPPING
PULSES	SINTERING	EXTINGUISHING
GS PULSES	SUBLIMATION THERMOCHEMISTRY	HARDENING (MATERIALS)
. ELECTRIC PULSES	INERWOOREMISTO	HEAT TREATMENT
. ELECTROMAGNETIC PULSES		MICROSTRUCTURE
SYSTEM GENERATED	PYROMETERS	∞ QUENCHING
ELECTROMAGNETIC PULSES	GS MEASURING INSTRUMENTS	SUBMERGING
. GEOMAGNETIC PULSATIONS	. TEMPERATURE MEASURING INSTRUMENTS	SUPERCOOLING
GEOMAGNETIC MICROPULSATIONS	. PYROMETERS	SUPERSATURATION THERMOMECHANICAL TREATMENT
. MICROPULSATIONS	RADIATION PYROMETERS	WATER IMMERSION
. GEOMAGNETIC MICROPULSATIONS	THERMOCOUPLE PYROMETERS	WATER IMMERSION
. PICOSECOND PULSES . PRESSURE PULSES	RT TEMPERATURE MEASUREMENT	QUESTOL AIRCRAFT
		SN (EXPERIMENTAL STOL TRANSPORT
RT AMPLITUDES INTERMITTENCY	PYROMETRY	RESEARCH AIRPLANE)
SOLITARY WAVES	USE TEMPERATURE MEASUREMENT	UF EXPERIMENTAL STOL TRANSPORT RSCH
**************************************	JOE TERM ENDING MEDITER	AIRPLANE
OFFICE MADEL I ERG	nynonuonio 414770141 6	GS RESEARCH AIRCRAFT
PUMP IMPELLERS  GS ROTATING BODIES	PYROPHORIC MATERIALS	QUESTOL AIRCRAFT
GS ROTATING BODIES . ROTORS	RT EXPLOSIVES	V/STOL AIRCRAFT
. IMPELLERS	FLAMMABILITY HYPERGOLIC ROCKET PROPELLANTS	. SHORT TAKEOFF AIRCRAFT
PUMP IMPELLERS	IGNITERS	QUESTOL AIRCRAFT
RT CENTRIFUGAL COMPRESSORS	IGNITION TEMPERATURE	RT ∞AIRCRAFT
CENTRIFUGAL PUMPS	∞ MATERIALS	NASA PROGRAMS
<del></del>	METAL COMBUSTION	
PYCNOMETERS	SOLID PROPELLANT IGNITION	QUIET ENGINE PROGRAM
RT DENSITY (MASS/VOLUME)	SPONTANEOUS COMBUSTION	GS PROGRAMS
*** ****** (***************************		

#### **RA-28 ENGINE**

QUIET ENGINE PROGRAM-(CONT.) NASA PROGRAMS
. QUIET ENGINE PROGRAM AIRCRAFT ENGINES ENGINE NOISE JET AIRCRAFT NOISE JET ENGINES NOISE REDUCTION

### R

**RA-28 ENGINE ENGINES** AIR BREATHING ENGINES ... GAS TURBINE ENGINES . TURBOJET ENGINES ... RA-28 ENGINE
INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES JET ENGINES
TURBOJET ENGINES TURBINE ENGINES

GAS TURBINE ENGINES ... JET ENGINES . TURBOJET ENGINES . . RA-28 ENGINE

RADAR ALTIMETERS
USE RADIO ALTIMETERS

RADAR ANTENNAS

ANTENNAS
. DIRECTIONAL ANTENNAS . . RADAR ANTENNAS . . . RADANT RADAR EQUIPMENT

RADAR ANTENNAS

AIRCRAFT ANTENNAS **DIPLEXERS** 

DIPOLE ANTENNAS DOGHOUSES (ELECTRONICS) HIGH RESOLUTION COVERAGE ANTENNAS

HORN ANTENNAS LENS ANTENNAS MICROWAVE ANTENNAS PARABOLIC ANTENNAS RADOMES REFLECTOR ANTENNAS

SCHWARZSCHILD ANTENNAS SIDELOBE REDUCTION SLOT ANTENNAS STEERABLE ANTENNAS

RADAR APPROACH CONTROL RAPCON (CONTROL) GS APPROACH CONTROL

RADAR APPROACH CONTROL RADAR APPROACH CONTROL
GROUND BASED CONTROL
AIR TRAFFIC CONTROL
RADAR APPROACH CONTROL
AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROL
AIR TRAFFIC CONTROL
AIRBORNE RADAR APPROACH
AIRCRAFT GUIDANCE
AIRCRAFT GUIDANCE
AIRBORNE HANGATORE

APPROACH INDICATORS CONTROL
INSTRUMENT LANDING SYSTEMS LANDING AIDS LANDING INSTRUMENTS LANDING RADAR RADARSCOPES SURVEILLANCE RADAR

RADAR HOMING MISSILES

MISSILES RADAR HOMING MISSILES MILITARY TECHNOLOGY MISSILE CONTROL RT MISSILE SYSTEMS TARGET RECOGNITION

RADAR MEASUREMENT

RADAR

RADAR MEASUREMENT

DISTANCE MEASURING EQUIPMENT ∞ MEASUREMENT

RADAR MEASUREMENT-(CONT.) RADIO ALTIMETERS SATELLITE ALTIMETRY

RADAR NAVIGATION

NAVIGATION . RADAR NAVIGATION AIR NAVIGATION AIR TRAFFIC CONTROL AIRCRAFT GUIDANCE ALL-WEATHER AIR NAVIGATION AUTOMATIC FLIGHT CONTROL CELESTIAL NAVIGATION COLLISION AVOIDANCE DEAD RECKONING DISTANCE MEASURING EQUIPMENT DOPPLER NAVIGATION DOPPLER RADAR DOPPLER-FIZEAU EFFECT GROUND BASED CONTROL INERTIAL NAVIGATION INTERPLANETARY NAVIGATION

> RADARSCOPES RADIO NAVIGATION SATELLITE NAVIGATION SYSTEMS SPACE NAVIGATION SURFACE NAVIGATION TACAN

MAP MATCHING GUIDANCE

RADIAL DRAINAGE PATTERNS
USE DRAINAGE PATTERNS

RADIAL FLOW

FLUID FLOW GS RADIAL FLOW AXIAL FLOW CENTRIFUGAL COMPRESSORS

FLOW GEOMETRY GAS FLOW

HEAT TRANSMISSION TWO DIMENSIONAL FLOW

RADIANT COOLING COOLING

RADIANT COOLING

RADIATIVE HEAT TRANSFER SURFACE COOLING

RADIANT HEATING

RADIATION HEATING HEATING . RADIANT HEATING GS

∞ ENERGY GAS HEATING ∞RADIATION

RADIATIVE HEAT TRANSFER RADIATIVE TRANSFER SOLAR HEATING

RADIATION HEATING
USE RADIANT HEATING

RADIATION NOISE
USE ELECTROMAGNETIC NOISE

RADIATION PRESSURE

(DYNES/SQ CM AS DISTINGUISHED FROM RADIANT FLUX DENSITY--DYNES/CM-SEC)

GS PRESSURE

ВT

RADIATION PRESSURE **ELECTRON PRESSURE** 

LUMENS LUMINOUS INTENSITY

... ILLUMINANCE SOUND PRESSURE

BAROCLINIC WAVES
BESSEL-BREDICHIN THEORY COMET TAILS

CORPUSCULAR RADIATION ELASTIC WAVES ELECTROMAGNETIC RADIATION

KOHOUTEK COMET PARTICLE FLUX DENSITY

PERTURBATION PHOTOPHORESIS RADIANT FLUX DENSITY

∞ RADIATION SOLAR FLUX DENSITY SOLAR RADIATION

RADIATION PRESSURE-(CONT.) SOLAR WIND STELLAR WINDS

RADIATION PYROMETERS
GS MEASURING INSTRUMENTS
. TEMPERATURE MEASURING INSTRUMENTS

**PYROMETERS** 

RADIATION PYROMETERS RT **BOLOMETERS** 

CIRCUMSOLAR TELESCOPES OPTICAL PYROMETERS RADIATION

TEMPERATURE MEASUREMENT THERMOCOUPLE PYROMETERS

RADIATIVE HEAT TRANSFER
GS RADIATIVE TRANSFER . RADIATIVE HEAT TRANSFER TRANSMISSION HEAT TRANSMISSION
. HEAT TRANSFER
. RADIATIVE HEAT TRANSFER

RT CONCENTRATORS CONVECTIVE HEAT TRANSFER COOLING FINS HEAT RADIATORS
INFRARED REFLECTION
NEAR INFRARED RADIATION RADIANT COOLING RADIANT HEATING SATELLITE TEMPERATURE SPACECRAFT RADIATORS STEFAN-BOLTZMANN LAW SURFACE COOLING THERMOHYDRAULICS TROMBE WALLS

RADIATIVE TRANSFER

RADIATIVE TRANSFER . RADIATIVE HEAT TRANSFER ATMOSPHERIC CORRECTION COSMIC RAYS
ELECTROMAGNETIC RADIATION **ENERGY TRANSFER** 

VIEW EFFECTS

EXTRATERRESTRIAL RADIATION GALACTIC RADIATION

HEAT TRANSFER
HEAT TRANSMISSION
INTERSTELLAR RADIATION NEAR INFRARED RADIATION
PLANETARY ATMOSPHERES
POLARIZED ELECTROMAGNETIC RADIATION RADIANT HEATING

∞ RADIATION RADIATION TRANSPORT RADIO BURSTS RADIO STARS SOLAR RADIATION STELLAR ATMOSPHERES STELLAR RADIATION

~ RADIATORS

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)

ANTENNAS HEAT RADIATORS SOUND TRANSDUCERS THERMOSIPHONS

RADIO ALTIMETERS
UF RADAR ALTIMETERS
GS FLIGHT INSTRUMENTS . RADIO ALTIMETERS
MEASURING INSTRUMENTS
. DISTANCE MEASURING EQUIPMENT

. ALTIMETERS
... RADIO ALTIMETERS
AIRCRAFT INSTRUMENTS
AUTOMATIC PILOTS
INSTRUMENT LANDING SYSTEMS

RADAR MEASUREMENT

**RADIO BEACONS** 

RADIO RANGES NAVIGATION AIDS GS BEACONS RADIO BEACONS

. OMNIDIRECTIONAL RADIO RANGES SELF CALIBRATING OMNIRANGE

RADIO EQUIPMENT

			CONT)	RAMJET E	engines-(CONT.)
RADIO BE	ACONS-(CONT.)	RADIO NA	<b>vigation-(CONT.)</b> Loran D		TURBORAMJET ENGINES
	RADIO TRANSMITTERS	•	. SHORAN	-	INTERNAL COMBUSTION ENGINES GAS TURBINE ENGINES
	. RADIO BEACONS . OMNIDIRECTIONAL RADIO RANGES		TACAN	•	. JET ENGINES
•	SELF CALIBRATING OMNIRANGE		. VHF OMNIRANGE NAVIGATION		DAMLIFT ENGINES
	RANSMITTERS		IR NAVIGATION		INTEGRAL ROCKET RAMJETS
	RADIO TRANSMITTERS		IR TRAFFIC CONTROL IRCRAFT GUIDANCE		LOW VOLUME RAMJET ENGINES
	, RADIO BEACONS	,	ILL-WEATHER AIR NAVIGATION		PULSEJET ENGINES
	. OMNIDIRECTIONAL RADIO RANGES	,	STRONAVIGATION		SUPERSONIC COMBUSTION RAMJET ENGINES
	SELF CALIBRATING OMNIRANGE		UTOMATIC FLIGHT CONTROL		TURBORAMJET ENGINES
RT	BEACON COLLISION AVOIDANCE	Ç	ELESTIAL NAVIGATION		TURBINE ENGINES
1	SYSTEM		COLLISION AVOIDANCE		GAS TURBINE ENGINES
	HOMING DEVICES	į	DEAD RECKONING DISTANCE MEASURING EQUIPMENT		JET ENGINES
	NSTRUMENT LANDING SYSTEMS	ì	OPPLER NAVIGATION		RAMJET ENGINES LOW VOLUME RAMJET ENGINES
	LANDING AIDS		LIGHT CONTROL		PULSEJET ENGINES
00	MARKERS NIGHT FLIGHTS (AIRCRAFT)		SUIDANCE (MOTION)		SUPERSONIC COMBUSTION
	ORBIS		HOMING DEVICES		RAMJET ENGINES
	ORBIS CAL SATELLITE	!	NERTIAL NAVIGATION NTERPLANETARY NAVIGATION		TURBORAMJET ENGINES
	RANGES (FACILITIES)	j	AVIGATION AIDS		DUMP COMBUSTORS
	SOLAR COMPASSES	į	OMNIDIRECTIONAL RADIO RANGES		HYDROGEN FUELS METEOR 1 ROCKET VEHICLE
			POSITIONING		NAVAHO MISSILE
RADIO C	ONTROL REMOTE CONTROL	l	RADAR NAVIGATION		SUPERSONIC LOW ALTITUDE MISSILE
	RADIO CONTROL		SATELLITE NAVIGATION SYSTEMS		TURBOJET ENGINES
	AIRCRAFT CONTROL		SOLAR COMPASSES SPACE NAVIGATION		
	AUTOMATIC CONTROL		SURFACE NAVIGATION	RAMJET	MISSILES
~	CONTROL	· ·	301117102 1111712	GS	MISSILES
	DEEP SPACE INSTRUMENTATION	RADIO RA	INGES		. RAMJET MISSILES
	FACILITY	USE	RADIO BEACONS		NAVAHO MISSILE SUPERSONIC LOW ALTITUDE MISSILE
	GROUND BASED CONTROL MISSILE CONTROL				AIR TO AIR MISSILES
	SPACECRAFT CONTROL	RADIOME	TERS	ĦΤ	ANTIAIRCRAFT MISSILES
	G MOZOTULE COMME	GS	MEASURING INSTRUMENTS . RADIATION MEASURING INSTRUMENTS		SUPERSONIC COMBUSTION RAMJET
DANIO E	REQUENCY INTERFERENCE		. ACTINOMETERS		ENGINES
HE	PADIO INTERFERENCE		RADIOMETERS		SURFACE TO AIR MISSILES
G.S.	ELECTROMAGNETIC INTERFERENCE		DICKE RADIOMETERS		SURFACE TO SURFACE MISSILES
	RADIO FREQUENCY INTERFERENCE		INFRARED DETECTORS		
	BLACKOUT (PROPAGATION) POLAR RADIO BLACKOUT		INFRARED RADIOMETERS	∞ RAMPS SN	(USE OF A MORE SPECIFIC TERM IS
	CHIRP		INFRARED SCANNERS MICROWAVE RADIOMETERS	SN	RECOMMENDED-CONSULT THE TERMS
	CHIRP SIGNALS		PASSIVE L-BAND RADIOMETERS		LISTED BELOW)
	ELECTROMAGNETIC NOISE		PRESSURE MODULATOR	RT	RAMP FUNCTIONS
	ATMOSPHERICS		RADIOMETERS		RAMPS (STRUCTURES)
	IONOSPHERICS		SPECTRORADIOMETERS		
	DAWN CHORUS	RT	BOLOMETERS		LOADS
	HISS SUDDEN ENHANCEMENT OF		FOREST FIRE DETECTION	GS	LOADS (FORCES) . RANDOM LOADS
	ATMOSPHERICS		HORIZON SCANNERS INFRARED PHOTOGRAPHY		GUST LOADS
	WHISTLERS		INFRARED TRACKING	RT	CONTACT LOADS
	COSMIC NOISE		KNUDSEN GAGES		DYNAMIC LOADS
	IONOSPHERIC NOISE		PHOTOMETERS		IMPACT LOADS
	WHISTLERS SHOT NOISE		PYRANOMETERS		STATIC LOADS STRUCTURAL DESIGN CRITERIA
	WHITE NOISE		RADIOMETRIC RESOLUTION SPECTROPHOTOMETERS		TRANSIENT LOADS
	THERMAL NOISE		THERMISTORS		THE TOTAL PROPERTY OF THE PROP
	IONOSPHERIC CROSS MODULATION		ULTRAVIOLET DETECTORS	∞ RANGE	
RT	CLUTTER			SN	(USE OF A MORE SPECIFIC TERM IS
	CROSS COUPLING ELECTROMAGNETIC COMPATIBILITY	RAFTS			RECOMMENDED-CONSULT THE TERMS
	ELECTRONIC COUNTERMEASURES	GS	RAFTS		LISTED BELOW)
	ELECTRONIC WARFARE		LIFE RAFTS	RT	DISTANCE ORBITAL POSITION ESTIMATION
	EXTRATERRESTRIAL RADIO WAVES	RT	FLOATS LIFEBOATS		RANGE (EXTREMES)
	mINTERFERENCE		SURVIVAL EQUIPMENT		RANGES (FACILITIES)
	INTERFERENCE GRATING				
	INTERFERENCE IMMUNITY JAMMING	∞ RAKES			AND RANGE RATE TRACKING
	NOISE GENERATORS	SN	(USE OF A MORE SPECIFIC TERM IS	GS	DISTANCE . RANGE AND RANGE RATE TRACKING
	NOISE STORMS		RECOMMENDED-CONSULT THE TERMS		RADAR
	SIGNAL FADING	DT	LISTED BELOW) PRESSURE SENSORS		. RANGE AND RANGE RATE TRACKING
		RT	SLOPES		TRACKING (POSITION)
	FREQUENCY NOISE		020120		. RANGE AND RANGE RATE TRACKING
USE	ELECTROMAGNETIC NOISE	DAM R	LAUNCH VEHICLE	RT	GLOBAL TRACKING NETWORK
		GS	LAUNCH VEHICLES		MISSILE TRACKING NORTH AMERICAN SEARCH AND
RADIO	INTERFERENCE RADIO FREQUENCY INTERFERENCE		. RAM B LAUNCH VEHICLE		RANGING RADAR
USE	HADIO PHEGOLIGI INTERIORI		ROCKET VEHICLES		OPTICAL TRACKING
DANIO	INTERFEROMETERS		MULTISTAGE ROCKET VEHICLES		RADAR TRACKING
GS	MEASURING INSTRUMENTS	D.T.	RAM B LAUNCH VEHICLE SOLID PROPELLANT ROCKET ENGINES		RADIO TRACKING
	. INTERFEROMETERS	RT	TX-354 ENGINE		SATELLITE TRACKING
	RADIO INTERFEROMETERS		1X-00-7 E.Ha=		STDN (NETWORK)
RT	ASTROPHYSICS	DAMLET	ENGINES		
	ORION (RADIO INTERFEROMETRY NETWORK)	UF	ATHODYDS		CONTROL TRAJECTORY CONTROL
	VERY LONG BASE INTERFEROMETRY	GS	ENGINES	USE	THADEOTORY CONTINUE
			. AIR BREATHING ENGINES	RANGE	FINDERS
RADIO	NAVIGATION		GAS TURBINE ENGINES JET ENGINES	UF	RANGE INDICATORS
GS	NAVIGATION		RAMJET ENGINES	GS	MEASURING INSTRUMENTS
	RADIO NAVIGATION		INTEGRAL ROCKET RAMJETS		DISTANCE MEASURING EQUIPMENT
	. HYPERBOLIC NAVIGATION DECCA NAVIGATION		LOW VOLUME RAMJET ENGINES		PANGE FINDERS OPTICAL RANGE FINDERS
	LORAC NAVIGATION SYSTEM		PUI SEJET ENGINES		LASER RANGE FINDERS
	LORAN		SUPERSONIC COMBUSTION RAMJET ENGINES	RT	ALTIMETERS
	LORAN C		MAINUE! ENGINES	•••	

#### **RANGE INDICATORS**

RATES (PER TIME)-(CONT.)

GROUND SPEED

GROUP VELOCITY

HEART RATE RANGE FINDERS-(CONT.) RAREFIED GAS DYNAMICS-(CONT.) FIRE CONTROL GEODIMETERS ATOMIC BEAMS
CHAPMAN-ENSKOG THEORY LASER RANGER/TRACKER LUNAR RANGEFINDING CONTINUUM FLOW ∞ DYNAMICS FREE MOLECULAR FLOW ARRHYTHMIA NAVIGATION AIDS BRADYCARDIA TACHYCARDIA KNUDSEN FLOW
LOW DENSITY FLOW
LOW DENSITY WIND TUNNELS POSITION INDICATORS
RADAR EQUIPMENT HIGH SPEED HYPERSONIC SPEED ION PRODUCTION RATES RANGEFINDING SOUND LOCALIZATION SPACE PERCEPTION MOLECULAR BEAMS MOLECULAR FLOW LANDING SPEED STADIMETERS PLASMAS (PHYSICS) LIGHT SPEED LOADING RATE TELLUROMETERS SLIP FLOW TRANSITION FLOW LOADING HATE
LOW SPEED
MASS FLOW RATE
ORBITAL VELOCITY
PHASE VELOCITY
PHASE VELOCITY
PHYSIOLOGICAL ACCELERATION RANGE INDICATORS USE RANGE FINDERS RAREFIED GASES
UF LOW DENSITY GASES RANGEMASTER AIRCRAFT GS GASES PROPAGATION VELOCITY USE G-1 AIRCRAFT RAREFIED GASES PULSE RATE . PULSE REPETITION RATE COSMIC GASES INTERPLANETARY GAS RANGES (FACILITIES) RADIAL VELOCITY
RECOMBINATION COEFFICIENT
RELATIVISTIC VELOCITY RANGES (FACILITIES)
TEST RANGES GS RT ELECTRON GAS BALLISTIC RANGES MISSILE RANGES FREE MOLECULAR FLOW RESPIRATORY RATE
DYSPNEA
HYPOVENTILATION GAS DENSITY GAS TEMPERATURE
HIGH TEMPERATURE GASES
LOW DENSITY FLOW
LOW DENSITY RESEARCH RADIO BEACONS ∞ RANGE TACHYPNEA ROTOR SPEED SIGNAL FADING RATE RANKINE-HUGONIOT RELATION RT AEROTHERMODYNAMICS MOLECULAR GASES SOLAR VELOCITY STRAIN ENERGY RELEASE RATE ~ DENSITY RATE METERS
USE MEASURING INSTRUMENTS PRESSURE GRADIENTS STRAIN RATE SHOCK WAVE PROPAGATION SUBSONIC SPEED SUPERSONIC SPEED RAOULT LAW
RT COMPOSITION (PROPERTY) RATE OF CLIMB INDICATORS SYSTOLE TERMINAL VELOCITY AIRCRAFT INSTRUMENTS
RATE OF CLIMB INDICATORS HENRY LAW PARTIAL PRESSURE TIP SPEED . TRANSONIC SPEED
. TRANSONIC SPEED
. WIND VELOCITY
. . SOLAR WIND VELOCITY
ACCESS TIME RT SOLUTIONS VAPOR PRESSURE FLIGHT INSTRUMENTS

INDICATORS RT RAPCON (CONTROL) MTBF RATES (PER TIME) RADAR APPROACH CONTROL RATES (PER TIME)
. ACCELERATION (PHYSICS)
. ANGULAR ACCELERATION
. DECELERATION
. SPIN REDUCTION SOLITARY WAVES TIME FUNCTIONS
TIME MEASUREMENT RAPID BALLISTICS IDENTIFICATION
GS IDENTIFYING
. RAPID BALLISTICS IDENTIFICATION
RT DISPLAY DEVICES
IMAGING TECHNIQUES . SPIN REDUCTION
ELECTRON ACCELERATION
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
IMPACT ACCELERATION
PARTICLE ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION
ACOUSTIC VELOCITY
AIRSPEED RAVEN HELICOPTER USE OH-23 HELICOPTER LASER APPLICATIONS LASERS MEASURING INSTRUMENTS PHOTOGRAPHY RAY ACOUSTICS GEOMETRICAL ACOUSTICS SCANNING STIMULATED EMISSION STIMULATED EMISSION DEVICES **RAYLEIGH EQUATIONS** AIRSPEED ∞ EQUATIONS ANGULAR VELOCITY BIT ERROR RATE FLOW EQUATIONS HEAT TRANSFER RAPID TRANSIT SYSTEMS HIGH SPEED TRANSPORTATION TRANSPORTATION RAPID TRANSIT SYSTEMS BURNING RATE THERMODYNAMICS COLLISION PARAMETERS . COLLISION RATES GS CRITICAL VELOCITY
DECAY RATES
. ELECTRON DECAY RATE AIR TRANSPORTATION AUTOMATED GUIDEWAY TRANSIT RAYLEIGH NUMBER GS RATIOS RT **VEHICLES** . DIMENSIONLESS NUMBERS DRIFT RATE
ESCAPE VELOCITY
EVAPORATION RATE
EXHAUST VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
ELLIV (GATE) AUTOMATED TRANSIT VEHICLES CARGO . . RAYLEIGH NUMBER BENARD CELLS RT **GROUND EFFECT MACHINES** BUOYANCY HIGHWAYS LOGISTICS RAYLEIGH-BENARD CONVECTION PASSENGERS
RAIL TRANSPORTATION RAYLEIGH WAVES
GS ELASTIC WAVES
. SEISMIC WAVES
. RAYLEIGH WAVES
RT BAROTROPIC FLOW FLUX (RATE)
. HEAT FLUX RAILS ROADS MAGNETIC FLUX ~SYSTEMS SOLAR FLUX **∞ TRANSPORT VEHICLES** FLUX DENSITY FLUID FLOW CURRENT DENSITY
PHOTON DENSITY
RADIANT FLUX DENSITY TRANSPORTATION NETWORKS URBAN TRANSPORTATION S WAVES TWO DIMENSIONAL FLOW IRRADIANCE RAPIDS ILLUMINANCE RAYLEIGH-BENARD CONVECTION
GS CONVECTION MEANDERS SOLAR CONSTANT RIVER BASINS LUMENS . FREE CONVECTION RIVERS LUMINOUS INTENSITY RAYLEIGH-BENARD CONVECTION
BENARD CELLS ILLUMINANCE WATER CURRENTS LUMINANCE FLUID FLOW WATER FLOW PARTICLE FLUX DENSITY
. ELECTRON FLUX DENSITY
. NEUTRON FLUX DENSITY CONVECTIVE FLOW

RAYLEIGH-BENARD CONVECTION **RAREFACTION WAVES** ... BENARD CELLS
CONVECTION CURRENTS
CONVECTIVE HEAT TRANSFER ELASTIC WAVES PROTON FLUX DENSITY RT RADIANCE RADIANCY RAREFIED GAS DYNAMICS FORCED CONVECTION HOT SURFACES FLUID MECHANICS . FLUID DYNAMICS SOLAR FLUX DENSITY SOLAR CONSTANT LAMINAR FLOW

SOUND INTENSITY

ZERO SOUND

RAYLEIGH NUMBER

THERMAL BOUNDARY LAYER

... GAS DYNAMICS

RAREFIED GAS DYNAMICS

# RECTANGULAR DRAINAGE

	IGH-RITZ METHOD	RECIRCULATIVE FLUID FLOW-(CONT.)	RECORDING INSTRUMENTS-(CONT.) . PLOTTERS
GS	ANALYSIS (MATHEMATICS)	BOUNDARY LAYER SEPARATION	X-Y PLOTTERS
GO	, NUMERICAL ANALYSIS	REVERSED FLOW TURBULENT FLOW	. PRESSURE RECORDERS
	APPROXIMATION	TURBULENT MIXING	RADIOMETEOROGRAPHS
	RAYLEIGH-RITZ METHOD	VORTICES	. SEISMOGRAPHS LUNAR SEISMOGRAPHS
RT	∞ METHODOLOGY VARIATIONAL PRINCIPLES		VIDEO TAPE RECORDERS
	AMMINIONAL TIMOS	RECONNAISSANCE	WEATHER DATA RECORDERS
RAYS		GS RECONNAISSANCE	. WHISTLER RECORDERS
SN	(USE OF A MORE SPECIFIC TERM IS	. AERIAL RECONNAISSANCE AIRBORNE INTEGRATED	RT AIRCRAFT INSTRUMENTS AUTOMATIC CONTROL
	RECOMMENDED-CONSULT THE TERMS	RECONNAISSANCE SYSTEM	BUBBLE TECHNIQUE
	LISTED BELOW) ATMOSPHERIC RADIATION	PHOTORECONNAISSANCE	CONTROL EQUIPMENT
RT	BACKGROUND NOISE	. SPECTRAL RECONNAISSANCE	COUNTERS
	BEAMS (RADIATION)	RT COSPAS  EARTH RESOURCES	DATA RECORDERS ELECTRONIC RECORDING SYSTEMS
	CAUSTICS (OPTICS)	OBSERVATION	FLIGHT INSTRUMENTS
	COHERENT RADIATION CONTINUOUS RADIATION	PATROLS	GRAPHS (CHARTS)
	CORPUSCULAR RADIATION	PHOTOGEOLOGY	INDICATING INSTRUMENTS
	ELECTROMAGNETIC RADIATION	SARSAT SEARCHING	INSTRUMENT RECEIVERS INSTRUMENT TRANSMITTERS
	EXTRATERRESTRIAL RADIATION	SPACE OBSERVATIONS (FROM EARTH)	©INSTRUMENTS
	GAMMA RAYS	SPACE SURVEILLANCE (SPACEBORNE)	MEASURING INSTRUMENTS
	LUNAR RAYS POLARIZED RADIATION	SURVEILLANCE	METEOROLOGICAL INSTRUMENTS
	PULSED RADIATION	SURVEYS TERRAIN ANALYSIS	∞ PENS
		TERRAIN ARALTOIS	PHOTOGRAPHIC RECORDING  © RECORDERS
RB-47	AIRCRAFT	RECONNAISSANCE AIRCRAFT	RECORDING HEADS
USE		GS RECONNAISSANCE AIRCRAFT	SONOGRAMS
		. A-9 AIRCRAFT	SPHYGMOGRAPHY
RB-50 UF	AIRCRAFT SUPER FORTRESS AIRCRAFT	BREGUET 1150 AIRCRAFT	TAPE RECORDERS
GS	BOEING AIRCRAFT	. CESSNA L-19 AIRCRAFT . CL-84 AIRCRAFT	TRANSDUCERS VLF EMISSION RECORDERS
	RB-50 AIRCRAFT	EARTH RESOURCES SURVEY	
	MONOPLANES	AIRCRAFT	RECOVERABLE LAUNCH VEHICLES
	. RB-50 AIRCRAFT OBSERVATION AIRCRAFT	. F-5 AIRCRAFT	GS LAUNCH VEHICLES
	RB-50 AIRCRAFT	. G-91 AIRCRAFT . G-95/4 AIRCRAFT	RECOVERABLE LAUNCH VEHICLES
	RECONNAISSANCE AIRCRAFT	. HS-801 AIRCRAFT	RT BOOSTER RECOVERY LAUNCH VEHICLE CONFIGURATIONS
	RB-50 AIRCRAFT	. MIRAGE AIRCRAFT	MULTIENGINE VEHICLES
RT	∞AIRCRAFT BOMBER AIRCRAFT	MIRAGE 3 AIRCRAFT	∞ RECOVERY
	WEATHER RECONNAISSANCE AIRCRAFT	. OV-10 AIRCRAFT . P-1127 AIRCRAFT	RECOVERY PARACHUTES
		P-1127 AIRCRAFT	REUSABLE LAUNCH VEHICLES
RB-57	AIRCRAFT	. RB-50 AIRCRAFT	∞ VEHICLES  ∞ WINGED VEHICLES
USE	B-57 AIRCRAFT	. SR-71 AIRCRAFT	w ************************************
	AIDCOAFT	. TSR-2 AIRCRAFT . U-2 AIRCRAFT	∞ RECOVERY
HB-64	B AIRCRAFT B-66 AIRCRAFT	. VICTOR MK-1 AIRCRAFT	EN //ISE OF A MORE SPECIFIC TERM IS
000		. WEATHER RECONNAISSANCE	RECOMMENDED-CONSULT THE TERMS
REAC	CTION JETS	AIRCRAFT	LISTED BELOW) RT BOOSTER RECOVERY
USE		RT AERIAL RECONNAISSANCE  ∞AIRCRAFT	RT BOOSTER RECOVERY  GAS RECOVERY
	JET THRUST	ANTISUBMARINE WARFARE AIRCRAFT	MATERIALS RECOVERY
DEAL	GASES	FLYING PLATFORMS	NUCLEAR FUEL REPROCESSING
GS	GASES	JET AIRCRAFT	OIL RECOVERY
	REAL GASES	LIGHT AIRCRAFT	PRESSURE RECOVERY RECLAMATION
RT	EQUATIONS OF STATE	∞ MILITARY AIRCRAFT ∞ MILITARY AVIATION	RECOVERABILITY
	GAS DENSITY IDEAL GAS	MILITARY HELICOPTERS	RECOVERABLE LAUNCH VEHICLES
	KINETIC THEORY	OBSERVATION AIRCRAFT	RECOVERY PARACHUTES
	MOLECULAR GASES	PILOTLESS AIRCRAFT SUBMERSIBLE AIRCRAFT	RETRIEVAL REUSE
	MONATOMIC GASES	SUBMERSIBLE AIRCHAFT	SPACECRAFT RECOVERY
	RWARD FACING STEPS	UTILITY AIRCRAFT	STRESS RELAXATION
	E BACKWARD FACING STEPS	V/STOL AIRCRAFT	STRESS RELIEVING VISUAL DISCRIMINATION
00.		VALIANT AIRCRAFT WATER TAKEOFF AND LANDING	VISUAL DISCRIMINATION
REA	TTACHED FLOW	AIRCRAFT	RECOVERY PARACHUTES
GS	FLUID FLOW	YF-12 AIRCRAFT	GS PARACHUTES
	. VISCOUS FLOW BOUNDARY LAYER FLOW		RECOVERY PARACHUTES
	REATTACHED FLOW	∞ RECORDERS	RT BOOSTER RECOVERY
RT	∞ ATTACHMENT	SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS	DISCOVERER RECOVERY CAPSULES
	BACKWARD FACING STEPS	LISTED BELOW)	RECOVERABLE LAUNCH VEHICLES  © RECOVERY
	BOUNDARY LAYER SEPARATION COANDA EFFECT	RT CABLE FORCE RECORDERS	RIBBON PARACHUTES
	CROCCO-LEE THEORY	DATA RECORDERS	SPACECRAFT RECOVERY
	FLOW CHARACTERISTICS	PLAYBACKS	
	FLOW DISTRIBUTION	RECORDING INSTRUMENTS REGISTERS (COMPUTERS)	RECOVERY VEHICLES
	SEPARATED FLOW	TAPE RECORDERS	SN (EXCLUDES RECOVERABLE VEHICLES) RT HELICOPTERS
DEC	CEPTACLES (CONTAINERS)	VLF EMISSION RECORDERS	RT HELICOPTERS ∞MILITARY VEHICLES
US	SE CONTAINERS		TRUCKS
		RECORDING INSTRUMENTS	∞ VEHICLES
REC	CIPROCATING ENGINES	UF EMISSOGRAPHS	
US	SE PISTON ENGINES	PLUVIOGRAPHS THERMOGRAMS	RECOVERY ZONES  RT DOWNRANGE
	CIRCULATION	GS RECORDING INSTRUMENTS	RT DOWNRANGE LANDING SITES
	SE CIRCULATION	BATHYTHERMOGRAPHS	REENTRY RANGE
٠.	<del></del>	. CABLE FORCE RECORDERS	REGIONS
	CIRCULATIVE FLUID FLOW	. FLIGHT LOAD RECORDERS . FLIGHT RECORDERS	SPACECRAFT RECOVERY
G	S FLUID FLOW . <b>RECIRCULATIVE FLUID FLOW</b>	FORCE VECTOR RECORDERS	TOTAL OF THE PROPERTY OF
R'		. MECHANOGRAMS	RECTANGULAR DRAINAGE USE DRAINAGE PATTERNS
п	BOUNDARY LAYER FLOW	OSCILLOGRAPHS	<u> </u>

## **RECTANGULAR PANELS**

	NGULAR PANELS	REENTR	Y DECOYS-(CONT.)	REEN	ITRY VEHICLES-(CONT.)
GS	PANELS		DECOYS		. MARK 1 REENTRY BODY
	. RECTANGULAR PANELS		. REENTRY DECOYS		. MARK 2 REENTRY BODY
	PLANFORMS		REENTRY VEHICLES		. MARK 3 REENTRY BODY
	. RECTANGULAR PLANFORMS		. REENTRY DECOYS		. MARK 4 REENTRY BODY
nż	RECTANGULAR PANELS	RT	BALLISTIC MISSILE DECOYS		. MARK 5 REENTRY BODY
RT	STRAKES STRUCTURAL MEMBERS		MISSILE DEFENSE		MARK 6 REENTRY BODY
	WING PANELS	055450	v rereas		. MARK 11 REENTRY BODY . MARK 12 REENTRY BODY
	WING PARELS	RT	Y EFFECTS		. MARK 12 REENTRY BODY
DECTA	IGULAR PLANFORMS	n:	ABLATION AERODYNAMIC HEATING		. RECOVERABLE SPACECRAFT
GS	PLANFORMS		BLACKOUT (PROPAGATION)		APOLLO SPACECRAFT
40	. RECTANGULAR PLANFORMS	_	EFFECTS		APOLLO LUNAR EXPERIMENT
	RECTANGULAR PANELS	•	HYPERSONIC REENTRY		MODULE
	RECTANGULAR PLATES		PLASMA SHEATHS		ASTRO VEHICLE
	RECTANGULAR WINGS		SPACECRAFT BREAKUP		GEMINI B SPACECRAFT
RT	RECTANGLES		TEMPERATURE EFFECTS		GEMINI SPACECRAFT
	WING PLANFORMS				GEMINI (GT-1) SPACECRAFT
		REENTR	Y GLIDERS		GEMINI 2 SPACECRAFT
	IGULAR PLATES	USE	LIFTING REENTRY VEHICLES		MERCURY SPACECRAFT
GS	PLANFORMS				AURORA 7
	. RECTANGULAR PLANFORMS		Y GUIDANCE		FAITH 7 FRIENDSHIP 7
	. RECTANGULAR PLATES	GS	GUIDANCE (MOTION)		SIGMA 7
	STRUCTURAL MEMBERS		REENTRY GUIDANCE		. REUSABLE SPACECRAFT
	. PLATES (STRUCTURAL MEMBERS)	RT	AUTOMATIC CONTROL		AEROSPACE PLANES
RT	RECTANGULAR PLATES FLAT PLATES		DESCENT TRAJECTORIES		HOTOL LAUNCH VEHICLE
	METAL PLATES		INERTIAL GUIDANCE		X-30 VEHICLE
	∞PLATES		MANUAL CONTROL SATELLITE GUIDANCE		MARS (MANNED REUSABLE
	W1 D1720		SPACECRAFT GUIDANCE		SPACECRAFT)
DECTAN	IGULAR WIND TUNNELS		TERMINAL GUIDANCE		SPACE SHUTTLE ORBITERS
GS	TEST FACILITIES		TEMMINE GOIDANGE		ATLANTIS (ORBITER)
	. WIND TUNNELS	DEENTO	Y PHYSICS		CHALLENGER (ORBITER)
	. RECTANGULAR WIND TUNNELS	RT	ABLATION		COLUMBIA (ORBITER)
RT	SUBSONIC WIND TUNNELS	***	AEROTHERMOCHEMISTRY		DISCOVERY (ORBITER)
			AEROTHERMODYNAMICS		ENDEAVOUR (ORBITER)
RECTAN	IGULAR WINGS		HYPERSONIC REENTRY		ENTERPRISE (ORBITER)
UF	STRAIGHT WINGS		LOW OBSERVABLE REENTRY VEHICLES		SPACE SHUTTLES BURAN SPACE SHUTTLE
GS	AIRFOILS	ot o	PHYSICS		HERMES MANNED SPACEPLANE
	. WINGS		PLASMA SHEATHS		VOSKHOD MANNED SPACECRAFT
	UNSWEPT WINGS	œ	SCIENCE		VOSKHOD 1 SPACECRAFT
	RECTANGULAR WINGS				VOSKHOD 2 SPACECRAFT
	PLANFORMS		Y_RANGE_		VOSTOK SPACECRAFT
	. RECTANGULAR PLANFORMS RECTANGULAR WINGS	GS	DISTANCE		VOSTOK 1 SPACECRAFT
	NEC:ANGULAN WINGS	RT	. REENTRY RANGE		VOSTOK 2 SPACECRAFT
DECLIDE	RATORS	HI	MISSILE RANGES RECOVERY ZONES		VOSTOK 3 SPACECRAFT
USE	REGENERATORS		NECOVERT ZUNES		VOSTOK 4 SPACECRAFT
USL	REGERENATIONS	DEENTO	Y SHIELDING		VOSTOK 5 SPACECRAFT
DEBEVE	MOON F	GS	SHIELDING		VOSTOK 6 SPACECRAFT
	MISSILE	G.S	. HEAT SHIELDING		. REENTRY DECOYS
GS	MISSILES . ANTIAIRCRAFT MISSILES		. REENTRY SHIELDING		TRAILBLAZER 1 REENTRY VEHICLE
	. REDEYE MISSILE	RT	ABLATION		. TRAILBLAZER 2 REENTRY VEHICLE . X-17 REENTRY VEHICLE
	. SURFACE TO AIR MISSILES	•••	ABLATIVE NOSE CONES	RT	ABLATIVE NOSE CONES
	. REDEYE MISSILE		AERODYNAMIC HEATING		AEROTHERMOCHEMISTRY
AT	SOLID PROPELLANT ROCKET ENGINES		AEROTHERMOCHEMISTRY		ATHENA ROCKET VEHICLE
			HEAT SINKS		∞ BALLISTIC VEHICLES
REENTR	Υ	00	INSULATED STRUCTURES		BLUFF BODIES
GS	ATMOSPHERIC ENTRY		LUDOX (TRADEMARK)		∞ BODIES
	REENTRY		NOSE CONES		FERRY SPACECRAFT
	HYPERBOLIC REENTRY		REUSABLE HEAT SHIELDING SPACECRAFT SHIELDING		∞ FLIGHT VEHICLES
	HYPERSONIC REENTRY		THERMAL CONTROL COATINGS		HYPERSONIC VEHICLES
	UNCONTROLLED REENTRY		THERMAL INSULATION		∞INSULATED STRUCTURES
	(SPACECRAFT)		THERMAL PROTECTION		LANDING MODULES LIFTING BODIES
	MANNED REENTRY		THE THOTE OF THE TENT OF THE T		MANEUVERABLE SPACECRAFT
	SPACECRAFT REENTRY	REFITE	TRAJECTORIES		MISSILES
	UNCONTROLLED REENTRY		TRAJECTORIES		NOSE CONES
RT	(SPACECRAFT) ABLATION		. DESCENT TRAJECTORIES		PYRAMIDAL BODIES
n.	AERODYNAMIC HEATING		REENTRY TRAJECTORIES		∞ ROCKETS
	AERODYNAMIC STABILITY	RT	CIRCUMLUNAR TRAJECTORIES		SPACE CAPSULES
	AERODYNAMICS		FLIGHT MECHANICS		∞ SPACECRAFT
	AEROTHERMODYNAMICS		HYPERBOLIC REENTRY		SPACECRAFT CONFIGURATIONS
	DESCENT		MISSILE TRAJECTORIES		TERMINAL GUIDANCE
	DESCENT TRAJECTORIES		MOON-EARTH TRAJECTORIES		TEST VEHICLES
	© ENTRY		SPACECRAFT TRAJECTORIES		∞ VEHICLES ∞ WINGED VEHICLES
	FLIGHT PATHS		TERMINAL GUIDANCE		∞ WINGED VEHICLES
	IMPACT PREDICTION	DECUTAL.	/ VEHICLES		
	LIFTING REENTRY VEHICLES		REENTRY BODIES		ENCE STARS
	LOW OBSERVABLE REENTRY VEHICLES MISSILES	GS	REENTRY VEHICLES	GS	CELESTIAL BODIES
	MISSILES ROCKETS		. BOOSTGLIDE VEHICLES		. STARS
٥	SPACE FLIGHT		. X-20 AIRCRAFT		REFERENCE STARS
	TERMINAL GUIDANCE		. LOW OBSERVABLE REENTRY	RT	ASTRONOMICAL COORDINATES
			VEHICLES		ASTRONOMICAL PHOTOGRAPHY CELESTIAL NAVIGATION
DEFUTO	Y BODIES		. MANEUVERABLE REENTRY BODIES		NAVIGATION AIDS
USE	REENTRY VEHICLES		LIFTING REENTRY VEHICLES		SPACE NAVIGATION
JOE			FDL-5 REENTRY VEHICLE		a not windring
BEFAIT	V DOCAVID		HL-10 REENTRY VEHICLE		
USE	Y BREAKUP SPACECRAFT BREAKUP		HLD-35 REENTRY VEHICLE		CTOMETERS
USE	OF AGEORACE DISEASOF		JANUS SPACECRAFT	GS	MEASURING INSTRUMENTS
DEELITE	v necove		M-2 LIFTING BODY		. OPTICAL MEASURING INSTRUMENTS . REFLECTOMETERS
	Y DECOYS COLINTEDMEASURES		M-2F2 LIFTING BODY X-20 AIRCRAFT		MICROWAVE REFLECTOMETERS
GS	COUNTERMEASURES . REENTRY DECOYS		X-20 AIHCHAFT		OPTICAL EQUIPMENT
	. REENINI DECOTO		A-24 AIDURALI		OF HOME EXCHIMENT

## RESEARCH FACILITIES

REFLECT	TOMETERS-(CONT.) OPTICAL MEASURING INSTRUMENTS REFLECTOMETERS MICROWAVE REFLECTOMETERS	RELAXATION METHOD (MATHEMATICS) GS ANALYSIS (MATHEMATICS) . NUMERICAL ANALYSIS . APPROXIMATION	RENORMALIZATION GROUP METHODS RT MONTE CARLO METHOD NORMALIZING (STATISTICS) STATISTICAL MECHANICS TURBULENCE MODELS
ЯT	COMPARATORS	RELAXATION METHOD (MATHEMATICS)	
	DIRECTORS (ANTENNA ELEMENTS) OPTICAL MEASUREMENT	RT COMPUTATIONAL FLUID DYNAMICS	REPUBLIC AIRCRAFT GS REPUBLIC AIRCRAFT
	PHOTOMETERS	∞ METHODOLOGY	GS REPUBLIC AIRCRAFT . A-10 AIRCRAFT
	REACTOR CORES	∞ RELAXATION RELAXATION (MECHANICS)	, F-84 AIRCRAFT
	REFLECTANCE	HELPOTTION (MESSAGE)	. F-105 AIRCRAFT
	REFLECTOR ANTENNAS SCHELKUNOFF PRINCIPLE	RELOCATION	RT ∞AIRCRAFT
	TWO REFLECTOR ANTENNAS	RT INSTALLING POSITIONING	REPUBLIC MILITARY AIRCRAFT
	ULTRAVIOLET REFLECTION	REPLACING	USE MILITARY AIRCRAFT
REFRAC	TOMETERS	REMOTE CONTROL	RESEARCH AIRCRAFT
GS	MEAGIRING INSTRUMENTS	UF ELECTROMAGNETIC CONTROL	UF EXPERIMENTAL AIRCRAFT
	OPTICAL MEASURING INSTRUMENTS REFRACTOMETERS	GS REMOTE CONTROL	ORNITHOPTER AIRCRAFT
	ORTICAL FOLIPMENT	. RADIO CONTROL RT AIRCRAFT CONTROL	GS RESEARCH AIRCRAFT . AVIAN 2/180 AUTOGIRO
	OPTICAL MEASURING INSTRUMENTS	AT AIRCRAFT CONTHOL  ANTIRADIATION MISSILES	AVRO 707 AIRCRAFT
	REFRACTOMETERS	ATTITUDE CONTROL	B-70 AIRCRAFT
RT	GONIOMETERS OPTICAL MEASUREMENT	AUTOMATIC CONTROL	BREGUET 940 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT
	REFRACTIVITY	∞ AUTOMATION CASCADE CONTROL	D-558 AIRCRAFT
		∞ CONTROL	ED 2 AIRCRAFT
	CTORIES	CONTROL BOARDS	FIREBEE 2 TARGET DRONE AIRCRAF
GS	REFRACTORY MATERIALS REFRACTORIES	CONTROLLERS DIGITAL COMMAND SYSTEMS	. H-17 HELICOPTER . H-126 AIRCRAFT
RT	CERAMICS	DYNAMIC CHARACTERISTICS	. HP-115 AIRCRAFT
	CERMETS	ELECTRIC CONTROL	, NORD 1500 AIRCRAFT
	COMBUSTION CHAMBERS	ELECTRONIC CONTROL	P-1052 AIRCRAFT
	FORSTERITE FURNACES	ENGINE CONTROL	. QUESTOL AIRCRAFT . ROTOR SYSTEMS RESEARCH
	HEARTHS	FLIGHT CONTROL GROUND BASED CONTROL	AIRCRAFT
	MORTARS (MATERIAL)	GUIDANCE (MOTION)	SC-1 AIRCRAFT
	REFRACTORY COATINGS	HYDRAULIC CONTROL	. U-2 AIRCRAFT
	ROCKET ENGINES ROCKET LININGS	∞INSTRUMENTS KALMAN-SCHMIDT FILTERING	. VZ-2 AIRCRAFT . VZ-8 AIRCRAFT
	THERMAL INSULATION	MANIPULATORS	X-1 AIRCRAFT
	TURBINES	MANUAL CONTROL	. X-2 AIRCRAFT
		MISSILE CONTROL	. X-3 AIRCRAFT . X-5 AIRCRAFT
	IERATIVE COOLING COOLING	PNEUMATIC CONTROL REMOTE MANIPULATOR SYSTEM	, X-5 AIRCRAFT , X-13 AIRCRAFT
GS	REGENERATIVE COOLING	ROCKET ENGINE CONTROL	X-14 AIRCRAFT
RT	HEAT EXCHANGERS	SATELLITE CONTROL	. X-15 AIRCRAFT
	PRECOOLING	SERVOCONTROL SERVOMECHANISMS	. X-19 AIRCRAFT . X-20 AIRCRAFT
	REGENERATORS	SPACECRAFT CONTROL	. X-20 AIRCRAFT
DE051	MERATORS	TELEOPERATORS	, X-21A AIRCRAFT
UF	RECUPERATORS	TEMPERATURE CONTROL	. X-22 AIRCRAFT
ĞS	REGENERATORS	TURBOJET ENGINE CONTROL VISUAL CONTROL	, X-22A AIRCRAFT , X-24 AIRCRAFT
	. THERMOSIPHONS ENERGY STORAGE	TIOUNE SOMMOD	XH-51 HELICOPTER
₽Ţ	HEAT EXCHANGERS	REMOTELY PILOTED VEHICLES	. XV-4 AIRCRAFT
	HEAT SINKS	uf RPV	. XV-5 AIRCRAFT . XV-8A AIRCRAFT
	REGENERATIVE COOLING	RT ∞AIRCRAFT DAST PROGRAM	XV-9A AIRCRAFT
	TUBE HEAT EXCHANGERS	DRONE AIRCRAFT	. XV-11A AIRCRAFT
05011	LATION	HIGHLY MANEUVERABLE AIRCRAFT	RT AEROSPACE PLANES
USE		JINDIVIK TARGET AIRCRAFT	∞AIRCRAFT DRONE AIRCRAFT
		OBLIQUE WINGS ORBITAL MANEUVERING VEHICLES	FAN IN WING AIRCRAFT
REGU	LUS MISSILE	PILOTLESS AIRCRAFT	FLIGHT TEST VEHICLES
GS	MISSILES SURFACE TO SURFACE MISSILES	TARGET DRONE AIRCRAFT	FLYING PLATFORMS GROUND EFFECT MACHINES
	DECLIFIE MISSILE	VATOL AIRCRAFT ∞VEHICLES	HOVERCRAFT GROUND EFFECT
RT	SOLID PROPELLANT ROCKET ENGINES	∞ VERICLES	MACHINES
	TURBOJET ENGINES	RENDEZVOUS GUIDANCE	HYPERSONIC AIRCRAFT
	47110	GS GUIDANCE (MOTION)	JET AIRCRAFT JOINED WINGS
	ATING HEATING	RENDEZVOUS GUIDANCE	METEOROLOGICAL RESEARCH
USE	HEATING	RT COMMAND GUIDANCE HOMING DEVICES	AIRCRAFT
REIG	NITION	INJECTION GUIDANCE	∞MILITARY AIRCRAFT NUCLEAR PROPELLED AIRCRAFT
USE	IGNITION	MIDCOURSE GUIDANCE	ROCKET PLANES
	FORCED SHELLS	ORBITAL RENDEZVOUS SATELLITE GUIDANCE	SUBMERSIBLE AIRCRAFT
GS	SHELLS (STRUCTURAL FORMS)	SPACECRAFT GUIDANCE	SUPERSONIC AIRCRAFT
	REINFORCED SHELLS	TERMINAL GUIDANCE	TAILLESS AIRCRAFT TANDEM WING AIRCRAFT
RT	ANISOTROPIC SHELLS CORRUGATED SHELLS		TEST VEHICLES
	CYLINDRICAL SHELLS	RENDEZVOUS TRAJECTORIES	TILT WING AIRCRAFT
	FLUID FILLED SHELLS	GS TRAJECTORIES RENDEZVOUS TRAJECTORIES	V/STOL AIRCRAFT VERTICAL TAKEOFF AIRCRAFT
	HEMISPHERICAL SHELLS	RT ASCENT TRAJECTORIES	winged vehicles
	LIQUID FILLED SHELLS METAL SHELLS	CIRCUMLUNAR TRAJECTORIES	YF-12 AIRCRAFT
	ORTHOTROPIC SHELLS	EARTH ORBITAL RENDEZVOUS	
	PLASTIC SHELLS	EARTH-MOON TRAJECTORIES FLIGHT MECHANICS	RESEARCH FACILITIES
	REINFORCEMENT (STRUCTURES)	INTERPLANETARY TRAJECTORIES	RT ∞FACILITIES LABORATORIES
	REINFORCEMENT RINGS SHELL STABILITY	ORBITAL MECHANICS	mRESEARCH PROJECTS
	SPHERICAL SHELLS	ORBITAL RENDEZVOUS SPACE RENDEZVOUS	SPACE INDUSTRIALIZATION
	THIN WALLED SHELLS	SPACE HENDEZVOUS SPACECRAFT DOCKING	SPACE LABORATORIES
	TOROIDAL SHELLS WIND TUNNEL WALLS	SPACECRAFT TRAJECTORIES	TEST FACILITIES
	MIND TOMMER MATER		

#### RESEARCH PROJECTS

∞ RESEARCH PROJECTS RESTARTABLE ROCKET ENGINES-(CONT.)
LIQUID PROPELLANT ROCKET ENGINES
NUCLEAR ROCKET ENGINES
RETROROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SUSTAINER ROCKET ENGINES
TURBOROCKET ENGINES
VERNIER ENGINES RESISTANCE THERMOMETERS-(CONT.)
... THERMOMETERS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS ... RESISTANCE THERMOMETERS
BOLOMETERS LISTED BELOW CHINESE SPACE PROGRAM
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM RT OHMMETERS

RESISTANCE
TEMPERATURE MEASUREMENT APPLICATIONS PROGRAM
FRENCH SPACE PROGRAM
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MANAGEMENT
NASA PROGRAMS THERMOCOUPLE PYROMETERS RESISTOJET ENGINES
UF RESISTOJETS
GS ENGINES RESTRICTIONS
USE CONSTRICTIONS PROGRAMS **ROCKET ENGINES** PROJECT MANAGEMENT PROJECTS RETAINING ELECTRIC ROCKET ENGINES
. ELECTROTHERMAL ENGINES ASTEROID CAPTURE CONSTRAINTS .... RESISTOJET ENGINES
ARC JET ENGINES RESEARCH AND DEVELOPMENT RESEARCH FACILITIES CONTAINMENT ∞ HOLDING PLASMA ENGINES SPACE PROGRAMS ∞ JOINING LOCKING PULSED JET ENGINES SPACE STATION PROPULSION SPHINX ∞ RETENTION ... RESISTANCE SEALING INCE.
(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
CONDUCTANCE RESISTOJETS ∞STORAGE RESISTOJET ENGINES RETARDANTS RESOLUTION UF RESOLVING POWER UF RETARDANTS RESISTANCE COEFFICIENTS ABRASION RESISTANCE ACCELERATION TOLERANCE . FLAME RETARDANTS ACCELERATING AGENTS RESOLUTION

ANGULAR RESOLUTION
HIGH RESOLUTION GS RT ADDITIVES ACCUSTIC PROPERTIES
AERODYNAMIC DRAG
CHEMICAL PROPERTIES
CONSTRICTIONS
CONTACT RESISTANCE ANTIICING ADDITIVES
ANTIKNOCK ADDITIVES IMAGE RESOLUTION
RADAR RESOLUTION
RADIOMETRIC RESOLUTION **ANTIOXIDANTS** CATALYSTS EXPLOSION SUPPRESSION SPATIAL RESOLUTION SPECTRAL RESOLUTION TEMPORAL RESOLUTION CONTACT HESISTANCE CORROSION RESISTANCE CRACK PROPAGATION CREEP STRENGTH DAMPING DIFFUSIVITY INHIBITORS NEUTRALIZERS RT ACCURACY AUTOMATIC TRAFFIC ADVISORY AND PENETRANTS PRESERVATIVES ∞ RETARDERS RESOLUTION BLURRING DURABILITY RETARDING CHARACTER RECOGNITION EARTHQUAKE RESISTANCE ELECTRICAL PROPERTIES STABILIZERS (AGENTS) CONTRAST SUPPRESSORS ELECTRICAL RESISTANCE ELECTRICAL RESISTIVITY FLAMMABILITY SURFACTANTS WEAR INHIBITORS DYNAMIC CHARACTERISTICS **ERRORS** FLOW RESISTANCE FRACTURE STRENGTH FOCI ∞ RETARDERS HIGH RESOLUTION COVERAGE (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) ANTENNAS IMAGE CONTRAST **FUSIBILITY** MACT RESISTANCE IMAGE ENHANCEMENT LEGIBILITY RT RETARDANTS RETARDERS (DEVICES) LOCI IMPACT STRENGTH
IMPEDANCE
KAPITZA RESISTANCE
LIFE (DURABILITY)
LOW RESISTANCE
MAGNETORESISTIVITY
MOISTURE RESISTANCE
MEDITARIE DESISTANCE **MOPTICS** PERCEPTION RETARDING ∞ POWER SUPPRESSION PRECISION ATTENUATION BLOCKING RT RESOLUTION CELL SENSITIVITY SPATIAL FILTERING BRAKING NEGATIVE RESISTANCE CIRCUITS NEGATIVE RESISTANCE DEVICES OXIDATION RESISTANCE DAMPING DECELERATION STARK EFFECT THRESHOLDS
TOLERANCES (MECHANICS) FOULING PERMEABILITY PREVENTION HYSTERESIS PREVENTION VISIBILITY PROTECTION ∞ REDUCTION ROJECTION
QUALITY
RADIATION TOLERANCE
RESISTANCE THERMOMETERS
RETARDING
SENSITIVITY ∞ RESISTANCE RETARDANTS RESOLVING POWER RESOLUTION RETARDERS (DEVICES) STOPPING RESONANT VIBRATION SHOCK RESISTANCE MECHANICAL RESONANCE RETARDING ION MASS SPECTROMETERS
USE MASS SPECTROMETERS RESONANCE . RESONANT VIBRATION SKIN RESISTANCE GS STABILITY THERMAL RESISTANCE TOLERANCES (PHYSIOLOGY) TRANSCONDUCTANCE VIBRATION RETORC (TORPEDOES) RESONANT VIBRATION USE TORPEDOES DAMPING
DYNAMIC STABILITY RT VULNERABILITY WAVE RESISTANCE RETRACTABLE EQUIPMENT
UF RETRACTABLE LANDING GEAR
RT AERODYNAMIC BRAKES **∞ DYNAMICS** WEAR RESISTANCE FLAPPING FLUTTER LANDING GEAR MECHANICAL OSCILLATORS OSCILLATIONS RESISTANCE COEFFICIENTS REFUELING RESISTANCE Q FACTORS
STABLE OSCILLATIONS
STRUCTURAL VIBRATION
UNDAMPED OSCILLATIONS RETRACTABLE LANDING GEAR USE LANDING GEAR RESISTANCE HEATING
UF JOULE HEATING RETRACTABLE EQUIPMENT GS HEATING . RESISTANCE HEATING ARC HEATING RESTARTABLE ROCKET ENGINES RETROACTION
USE RETROTHRUST RT TABLE ROCKET ENGINES
ENGINES
. ROCKET ENGINES
. RESTARTABLE ROCKET ENGINES
DUCTED ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
ELECTROTHERMAL ENGINES ELECTROSLAG REFINING GAS HEATING LEVITATION MELTING RETROFIRING BT FIRING (IGNITING) GS ROCKET FIRING RESISTANCE THERMOMETERS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS . RETROFIRING DECELERATION RT HYBRID PROPELLANT ROCKET ENGINES RETROPOCKET ENGINES
RETROTHRUST

ION ENGINES

			S NUMBER-(CONT.)	∞ RIDGES	
	OCKET ENGINES	METROLI	RICHARDSON NUMBER	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDEDCONSULT THE TERMS
GS	ENGINES . ROCKET ENGINES		SCALE EFFECT		LISTED BELOW
	RETROROCKET ENGINES		TRANSITION POINTS TURBULENT FLOW	UF	CUESTAS
	BE-3 ENGINE		VISCOUS FLOW		HOGBACKS
ĦT	CONTROL ROCKETS INTERNAL COMBUSTION ENGINES			RT	BRIDGES (LANDFORMS) BUCKLING
	LIQUID PROPELLANT ROCKET ENGINES	REYNOLI	OS STRESS		CORRUGATING
	MAN OPERATED PROPULSION SYSTEMS RESTARTABLE ROCKET ENGINES	GS	STRESSES . REYNOLDS STRESS		GAPS (GEOLOGY)
	RETROFIRING	RT	INCOMPRESSIBLE FLOW		KARST LANDFORMS
	RETROTHRUST	•••	NAVIER-STOKES EQUATION		MOUNTAINS
	SOLID PROPELLANT ROCKET ENGINES		TURBULENT BOUNDARY LAYER TURBULENT FLOW		PROTUBERANCES
			TURBULENT FLOW		WRINKLING
RETRO1	RETROACTION	RF-4 AIR	POPLET	RIGGIN	<b>G</b>
GS	THRUST	GS AIR	MCDONNELL DOUGLAS AIRCRAFT	RT	ASSEMBLING
	. ROCKET THRUST RETROTHRUST		. MCDONNELL AIRCRAFT		CONSTRUCTION  © EQUIPMENT
ВT	DECELERATION		RF-4 AIRCRAFT MONOPLANES		MATERIALS HANDLING
•••	RETROFIRING		RF-4 AIRCRAFT		SHROUDS
	RETROROCKET ENGINES		OBSERVATION AIRCRAFT		
	N TO EARTH SPACE FLIGHT		. RF-4 AIRCRAFT SUPERSONIC AIRCRAFT	RIGID   GS	MOUNTING MOUNTING
GS	SPACE FLIGHT		. RF-4 AIRCRAFT	GS	. RIGID MOUNTING
40	. RETURN TO EARTH SPACE FLIGHT	RT .	AIRCRAFT	RT	PYLON MOUNTING
PIT	INTERPLANETARY FLIGHT		F-4 AIRCRAFT		
	MANNED MARS MISSIONS SPACECRAFT REENTRY			RIGID GS	ROTOR HELICOPTERS V/STOL AIRCRAFT
	SPACEONAL I NEETHOO	RF-8 AIF	RCRAFT	G.S	. ROTARY WING AIRCRAFT
REUSA	BLE LAUNCH VEHICLES	USE	F-8 AIRCRAFT		HELICOPTERS
GS	LAUNCH VEHICLES				RIGID ROTOR HELICOPTERS CH-3 HELICOPTER
	REUSABLE LAUNCH VEHICLES  . SINGLE STAGE TO ORBIT VEHICLES		LICOPTER UH-1 HELICOPTER		F-28 HELICOPTER
	HOTOL LAUNCH VEHICLE	USE	Office of the contract of the		XH-51 HELICOPTER
RT	ADVANCED LAUNCH SYSTEM (STS)	RHEOLO	MAY	RT	∞ AIRCRAFT OH-5 HELICOPTER
	AEROMANEUVERING ORBIT TO ORBIT	RT	ELECTRORHEOLOGICAL FLUIDS		OH-5 HELICOPTEN
	SHUTTLE RECOVERABLE LAUNCH VEHICLES		FLOW MEASUREMENT	RIGID	ROTORS
	ROCKET ENGINES		FLOW THEORY FLUIDS	UF	HINGELESS ROTORS
	SPACECRAFT LAUNCHING	•	LIQUID FLOW	GS	AIRFOILS , WINGS
	SPACECRAFT RECOVERY  © VEHICLES		MAXWELL FLUIDS		. ROTARY WINGS
	& VET HOLES		NONNEWTONIAN FLUIDS PLASTIC FLOW		RIGID ROTORS
REVER	SED FLOW		PLASTIC PROPERTIES		RIGID STRUCTURES
GS	FLUID FLOW		VISCOSITY		, rigid rotors Rotating Bodies
RT	. REVERSED FLOW BOUNDARY LAYER SEPARATION				, ROTORS
n i	RECIRCULATIVE FLUID FLOW	RHEOM	ETERS		ROTARY WINGS
	REVERSING	GS	MEASURING INSTRUMENTS	RT	RIGID ROTORS BEARINGLESS ROTORS
	SEPARATED FLOW		. FLOWMETERS	יח	BEARINGLESS NOTONS
DEVO	LUTION (MOTION)	RT	BLOOD CIRCULATION	RIGID	WINGS
USE	REVOLVING			SN	(EXCLUDES 'RIGID ROTORS')
		RIBBON	PARACHUTES	GS	AIRFOILS . WINGS
REVOL	VING	GS	PARACHUTES . RIBBON PARACHUTES		. RIGID WINGS
UF GS	REVOLUTION (MOTION) GYRATION	RT	DRAG CHUTES		RIGID STRUCTURES
us	. REVOLVING	•••	RECOVERY PARACHUTES	RT	. RIGID WINGS AEROELASTICITY
RT	ANGULAR VELOCITY				FIXED WINGS
	CENTRIPETAL FORCE ROTATION	RIBBO			FLEXIBLE WINGS
	HOTATION	RT	CONVEYORS FABRICS		LOW ASPECT RATIO WINGS
REYN	OLDS EQUATION		FASTENERS	RIMS	
UF	REYNOLDS LAW FOUATIONS OF MOTION		METAL STRIPS	RT	∞ BLADES
GS	REYNOLDS EQUATION		∞ STRIP ∞ TAPES		BORDERS EDGES
	FLOW EQUATIONS		& IAFES		MARGINS
	. REYNOLDS EQUATION AERODYNAMIC CONFIGURATIONS	RIBLET	re		SIDES
RT	© EQUATIONS	GS	GROOVES		
	NAVIER-STOKES EQUATION		. V GROOVES	RING GS	WINGS AIRFOILS
	SCALE MODELS	RT	<b>RIBLETS</b> BOUNDARY LAYER CONTROL	93	. WINGS
SEVN	OLDS LAW	n i	DRAG REDUCTION		UNCAMBERED WINGS
USE			FRICTION DRAG		RING WINGS UNSWEPT WINGS
	·		SHEAR LAYERS SKIN FRICTION		RING WINGS
***	OLDS NUMBER		STRIATION		RING STRUCTURES
UF GS	CRITICAL REYNOLDS NUMBER RATIOS		TURBULENT BOUNDARY LAYER	0.7	. RING WINGS DUCTED FANS
GS	DIMENSIONLESS NUMBERS		VORTEX ALLEVIATION	RT	SHROUDED PROPELLERS
	REYNOLDS NUMBER				TWISTED WINGS
	HIGH REYNOLDS NUMBER LOW REYNOLDS NUMBER		RDSON NUMBER		
RT	BOUNDARY LAYER FLOW	GS	RATIOS . DIMENSIONLESS NUMBERS	RION GS	IETERS MEASURING INSTRUMENTS
	BOUNDARY LAYER STABILITY		RICHARDSON NUMBER	us	. RADIATION MEASURING INSTRUMENTS
	BOUNDARY LAYER TRANSITION FLUID FLOW	RT	AERODYNAMIC STABILITY		RIOMETERS
	FROUDE NUMBER		REYNOLDS NUMBER SHEAR FLOW	AT	ATMOSPHERIC IONIZATION AURORAL ABSORPTION
	GRASHOF NUMBER				IONOGRAMS
	INVISCID FLOW LAMINAR FLOW	RICHA	ARDSON-DUSHMAN EQUATION		IONOSONDES
	PECLET NUMBER	USE	TEMPERATURE EFFECTS		IONOSPHERIC NOISE IONOSPHERIC PROPAGATION
	PRANDTL NUMBER		THERMIONIC EMISSION		OROGINETIO THO PLANTON

#### RIPPLES

ROCKET LAUNCHING-(CONT.) ROCKET VEHICLES-(CONT.) RIPPLES EXOS SOUNDING ROCKET JAGUAR ROCKET VEHICLE **ELASTIC WAVES** GS LAUNCHING ROCKET LAUNCHING CAPILLARY WAVES JAVELIN ROCKET VEHICLE
JUNO LAUNCH VEHICLE
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE LIFTOFF (LAUNCHING) RIPPLES SURFACE WAVES ORBITAL LAUNCHING EXHAUST CLOUDS LAUNCH VEHICLES RIPPLES GRAVITY WAVES INTERFACIAL TENSION AT KAPPA ROCKET VEHICLES
. KAPPA 8 ROCKET VEHICLE
. KAPPA 9 ROCKET VEHICLE LAUNCH WINDOWS WATER WAVES WIND (METEOROLOGY) LAUNCHERS SPACECRAFT LAUNCHING LAMBDA ROCKET VEHICLES LAMBDA ROCKET VEHICLES
LITTLE JOE 2 LAUNCH VEHICLE
NIKE ROCKET VEHICLES
. NIKE-APACHE ROCKET VEHICLE
. NIKE-CAJUN ROCKET VEHICLE
. NIKE-HYDAC ROCKET VEHICLE
. NIKE-IROCUOIS ROCKET VEHICLE
. NIKE-JAVELIN ROCKET VEHICLE
. NIKE-JAVELIN ROCKET VEHICLE RITZ AVERAGING METHOD ROCKET OXIDIZERS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS PROPELLANT OXIDIZERS GS OXIDIZERS APPROXIMATION ROCKET OXIDIZERS RITZ AVERAGING METHOD RT **∞ METHODOLOGY** TAGN ВT CRYOGENIC FLUIDS NIKE-TOMAHAWK ROCKET VEHICLE NOVA LAUNCH VEHICLES PEGASUS AIR-LAUNCHED BOOSTER DOMINO PROPELLANTS HIGH ENERGY OXIDIZERS **ROBIN BALLOONS** EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES HYDROGEN PEROXIDE PHOENIX SOUNDING ROCKET RAM B LAUNCH VEHICLE RUBIS ROCKET VEHICLE LIQUID OXIDIZERS BALLOONS METEOROLOGICAL BALLOONS
ROBIN BALLOONS NITROGEN TETROXIDE SATURN 1 LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLE
SATURN 1 LAUNCH VEHICLES
SATURN 1 SA-1 LAUNCH VEHICLE
SATURN 1 SA-2 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE
SATURN 1 SA-3 LAUNCH VEHICLE RT HIGH ALTITUDE BALLOONS NITRONIUM PERCHLORATE PADIOSONDES **TETRAFLUOROHYDRAZINE ROCKOONS** SKYHOOK BALLOONS SOLINDING ROCKET PLANES
GS ROCKET VEHICLES SATURN 1 SA-4 LAUNCH VEHICLE SATURN 1 SA-5 LAUNCH VEHICLE . ROCKET PLANES ROBUSTNESS (MATHEMATICS) ALGORITHMS CONTROL STABILITY CONTROL THEORY . X-1 AIRCRAFT SATURN 1 SA-6 LAUNCH VEHICLE X-2 AIRCRAFT X-15 AIRCRAFT SATURN 1 SA-7 LAUNCH VEHICLE SATURN 1 SA-8 LAUNCH VEHICLE FEEDBACK CONTROL LINEAR SYSTEMS RT AEROSPACE PLANES SATURN 1 SA-9 LAUNCH VEHICLE SATURN 1 SA-10 LAUNCH ∞ AIRCRAFT MATHEMATICAL MODELS BOOSTGLIDE VEHICLES **VEHICLE** RESEARCH AIRCRAFT SATURN 1B LAUNCH VEHICLES SATURN 2 LAUNCH VEHICLES ROCKET BOOSTERS
USE BOOSTER ROCKET ENGINES SATURN 5 LAUNCH VEHICLES SCOUT LAUNCH VEHICLE SKYLARK ROCKET VEHICLE ROCKET TEST FACILITIES
GS TEST FACILITIES ROCKET CHAMBERS
USE THRUST CHAMBERS ROCKET TEST FACILITIES THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THOR AGENA LAUNCH VEHICLE
THOR DELTA LAUNCH VEHICLE
TITAN LAUNCH VEHICLES RT ENGINE TESTS TEST FIRING TEST RANGES TEST STANDS ROCKET ENGINE NOISE
GS ELASTIC WAVES SOUND WAVES NOISE (SOUND) . TITAN SUNCH VEHICLE
. VANGUARD 2 LAUNCH VEHICLE
. VAGA LAUNCH VEHICLE
. WASP SOUNDING ROCKET
PAYLOAD ASSIST MODULE ROCKET THRUST ... ENGINE NOISE THRUST ROCKET THRUST . RETROTHRUST MUFFLERS AT RT HIGH THRUST JET THRUST ROCKET PLANES ROCKET FIRING LIFTOFF (LAUNCHING) X-1 AIRCRAFT X-2 AIRCRAFT FIRING (IGNITING) LOW THRUST ROCKET FIRING LOW THRUST PROPULSION X-15 AIRCRAFT SATURN STAGES
. SATURN S-1 STAGE
. SATURN S-1B STAGE MICROTHRUST
PROPULSION SYSTEM PERFORMANCE BURNING TIME RT DETONATION PROPULSION SYSTEM I SPECIFIC IMPULSE STATIC THRUST THRUST LOADS THRUST TERMINATION VARIABLE THRUST LIFTOFF (LAUNCHING) STATIC FIRING TEST FIRING SATURN S-1C STAGE SATURN S-2 STAGE SATURN S-4 STAGE SATURN S-4B STAGE SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES
. AGENA A ROCKET VEHICLE **ROCKET FLIGHT** CLIMBING FLIGHT ROCKET VEHICLES COASTING FLIGHT ROCKET VEHICLES
ARCON ROCKET VEHICLE ∞FLIGHT AGENA B ROCKET VEHICLE AGENA C ROCKET VEHICLE FLIGHT PATHS HORIZONTAL FLIGHT HYPERSONIC FLIGHT BLUE STREAK LAUNCH VEHICLE
BLUE STREAK MISSILE
CENTAUR LAUNCH VEHICLE
. ATLAS CENTAUR LAUNCH VEHICLE
FOLDING FIN AIRCRAFT ROCKET
VEHICLE AGENA D ROCKET VEHICLE ARCAS ROCKET VEHICLES
BLACK BRANT SOUNDING ROCKETS METEOROLOGICAL FLIGHT SPACE FLIGHT BLACK BRANT 1 SOUNDING SUBORBITAL FLIGHT SUPERSONIC FLIGHT **ROCKET** BLACK BRANT 2 SOUNDING HOVERING ROCKET VEHICLES METEOR 1 ROCKET VEHICLE MULTISTAGE ROCKET VEHICLES TRAJECTORIES ROCKET TRANSONIC FLIGHT VERTICAL FLIGHT BLACK BRANT 3 SOUNDING ROCKET ABLESTAR LAUNCH VEHICLE ANTARES ROCKET VEHICLE **BLACK BRANT 4 SOUNDING** ARGO ROCKET VEHICLES
ARIANE LAUNCH VEHICLE
ASTROBEE ROCKET VEHICLES **ROCKET LAUNCHERS** ROCKET LAUNCHERS **BLACK BRANT 5 SOUNDING** GS ROCKET LAUNCHERS
ROCKET CATAPULTS ROCKET BLACK KNIGHT ROCKET VEHICLE ASTROBEE 1500 ROCKET VEHICLE GROUND SUPPORT EQUIPMENT . . DORNIER PARAGLIDER ROCKET ATHENA ROCKET VEHICLE GUN LAUNCHERS ATLAS LAUNCH VEHICLES VEHICLE GENIE ROCKET VEHICLE LAUNCH VEHICLES . ATLAS ABLE 5 LAUNCH VEHICLE HONEST JOHN ROCKET VEHICLE
HYLA-STAR ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE LAUNCHING ATLAS AGENA B LAUNCH VEHICLE ATLAS AGENA LAUNCH VEHICLES ATLAS CENTAUR LAUNCH VEHICLE ATLAS SLV-3 LAUNCH VEHICLE LAUNCHING SITES
MISSILE LAUNCHERS LOKI ROCKET VEHICLE
NOMAD LAUNCH VEHICLE
VERONIQUE ROCKET VEHICLES ∞ ROCKETS BERENICE ROCKET VEHICLE
BLACK KNIGHT ROCKET VEHICLE
BLUE SCOUT ROCKET VEHICLE **ROCKOONS** SEA LAUNCHING VIKING ROCKET VEHICLE ZUNI ROCKET VEHICLE DIAMANT LAUNCH VEHICLE **ROCKET LAUNCHING** 

ELDO LAUNCH VEHICLE

SOUNDING ROCKETS

BLASTOFF

## **ROTARY WING AIRCRAFT**

OCKET	VEHICLES-(CONT.)	ROCKETS	S-(CONT.) HEAVY LIFT LAUNCH VEHICLES	ROOTS-(	RADICALS
	AEROBÉE ROCKÉT VEHICLE ANTARÉS ROCKÉT VEHICLE		INCENDIARY AMMUNITION		ROOTS OF EQUATIONS
	APACHE ROCKET VEHICLE		LAUNCH VEHICLES		WING ROOTS
	ARCAS ROCKET VEHICLES		MISSILES		
	ARIES SOUNDING ROCKET		NUCLEAR RAMJET ENGINES		PREDICTION
	ASP ROCKET VEHICLE		NUCLEAR ROCKET ENGINES NUCLEAR WEAPONS	GS	PREDICTIONS . ROSHKO PREDICTION
	ASTROBEE ROCKET VEHICLES		PATRIOT MISSILE	RT	BLUFF BODIES
	ASTROBEE 1500 ROCKET VEHICLE BLACK BRANT SOUNDING ROCKETS		PETREL SOUNDING ROCKET	n,	LAMINAR FLOW
	BLACK BRANT 1 SOUNDING		PYROTECHNICS		OSEEN APPROXIMATION
	ROCKET		REENTRY		THREE DIMENSIONAL FLOW
	BLACK BRANT 2 SOUNDING		REENTRY VEHICLES		
	ROCKET		ROCKET CATAPULTS ROCKET ENGINES		REGIMES
	BLACK BRANT 3 SOUNDING		ROCKET LAUNCHERS	RT	BAROTROPIC FLOW PLANETARY WAVES
	ROCKET BLACK BRANT 4 SOUNDING		ROCKET VEHICLES		PLANETART WAVES
	ROCKET		ROCKOONS	DOTABY	GYROSCOPES
	BLACK BRANT 5 SOUNDING		SPACE FLIGHT	GS	GYROSCOPES
	ROCKET		SURFACE TO AIR MISSILES		. ROTARY GYROSCOPES
	CAJUN ROCKET VEHICLE		SURFACE TO SURFACE MISSILES SURFACE TO SURFACE ROCKETS		FLUID ROTOR GYROSCOPES
	DORNIER PARAGLIDER ROCKET		TORPEDOES	RT	GYROSCOPE FLUIDS
	VEHICLE EXOS SOUNDING ROCKET		VERTICAL 8 ROCKET		GYROSCOPIC STABILITY
	. JAGUAR ROCKET VEHICLE		WARHEADS		ROTATING BODIES
	JUDI-DART ROCKET		WEAPON SYSTEMS	DOTABY	STABILITY
	KAPPA ROCKET VEHICLES		WEAPONS DELIVERY	UF	WHIRL INSTABILITY
	KAPPA 8 ROCKET VEHICLE		•••	GS	DYNAMIC CHARACTERISTICS
	KAPPA 9 ROCKET VEHICLE LAMBDA ROCKET VEHICLES	ROCKOO	NS HIGH ALTITUDE BALLOONS		. DYNAMIC STABILITY
	. LOKI ROCKET VEHICLE	RT	METEOROLOGICAL BALLOONS		MOTION STABILITY
	. PETREL SOUNDING ROCKET		ROBIN BALLOONS		ROTARY STABILITY
	PHOENIX SOUNDING ROCKET		ROCKET LAUNCHERS		GYROSCOPIC STABILITY
	SKUA ROCKET VEHICLES	on	ROCKETS		STABILITY . DYNAMIC STABILITY
	SKYLARK ROCKET VEHICLE		SKYHOOK BALLOONS		MOTION STABILITY
	VENUS FLY TRAP ROCKET VEHICLE VERONIQUE ROCKET VEHICLES				ROTARY STABILITY
	VERTICAL 8 ROCKET	ROGALLO	D WINGS FLEXIBLE WINGS		GYROSCOPIC STABILITY
	. WASP SOUNDING ROCKET	USE	FOLDING STRUCTURES	RT	AIRFOIL OSCILLATIONS
	. STANDARD LAUNCH VEHICLES		TOEBING STREET CALLS		DIRECTIONAL STABILITY
	ATLAS SLV-3 LAUNCH VEHICLE	ROLL			FLOW STABILITY LATERAL STABILITY
	STANDARD LAUNCH VEHICLE 5	UF	DAMPING IN ROLL		LONGITUDINAL STABILITY
	SURFACE TO SURFACE ROCKETS	GS	ATTITUDE (INCLINATION)		ROTATING BODIES
	HONEST JOHN ROCKET VEHICLE LITTLE JOHN ROCKET VEHICLE		. ROLL		ROTATION
	THORAD LAUNCH VEHICLES	RŤ	LATERAL CONTROL LATERAL OSCILLATION		ROTOR DYNAMICS
	THOR ABLE ROCKET VEHICLE		LATERAL STABILITY		
	. THOR AGENA LAUNCH VEHICLE		PITCH (INCLINATION)		WING AIRCRAFT
	THOR DELTA LAUNCH VEHICLE		ROLLERS	UF GS	ROTORCRAFT V/STOL AIRCRAFT
RT	. TITAN CENTAUR LAUNCH VEHICLE ACOUSTIC SOUNDING	œ	ROLLING	us	. ROTARY WING AIRCRAFT
	BALLISTIC VEHICLES		ROLLING MOMENTS		AUTOGYROS
	FLIGHT VEHICLES		ROTATION SIDESLIP		AVIAN 2/180 AUTOGIRO
	HEUS ROCKET ENGINES		TURNING FLIGHT		HELICOPTERS
	LAUNCH VEHICLES		YAW		ALOUETTE HELICOPTERS
	MISSILE CONFIGURATIONS				SA-330 HELICOPTER SE-3160 HELICOPTER
	MULTIENGINE VEHICLES ROCKETS	ROLL CO			COMPOUND HELICOPTERS
۰	SPACE PROCESSING APPLICATIONS	USE	LATERAL CONTROL		H-17 HELICOPTER
	ROCKET				LIGHT HELICOPTERS
	STAGE SEPARATION	∞ ROLLING SN	(USE OF A MORE SPECIFIC TERM IS		OH-4 HELICOPTER
	TEST VEHICLES	311	RECOMMENDED-CONSULT THE TERMS		OH-5 HELICOPTER
	TRAILBLAZER 1 REENTRY VEHICLE TRAILBLAZER 2 REENTRY VEHICLE		LISTED BELOW)		OH-58 HELICOPTER
_	VEHICLES	RT	AUSFORMING		MILITARY HELICOPTERS
	WINGED VEHICLES		FLATTENING		AH-1G HELICOPTER
_	X-17 REENTRY VEHICLE		FORGING LEVELING		AH-64 HELICOPTER
			METAL WORKING		BELL 214A HELICOPTER BO-105 HELICOPTER
ROCKET	-BORNE INSTRUMENTS		ROLL		CH-3 HELICOPTER
RT	CONTROLLERS				CH-21 HELICOPTER
	FLIGHT TEST INSTRUMENTS INSTRUMENTS		MOMENTS		CH-34 HELICOPTER
•	MEASURING INSTRUMENTS	GS	MOMENTS		CH-46 HELICOPTER
	METEOROLOGICAL INSTRUMENTS		. STABILITY DERIVATIVES . ROLLING MOMENTS		CH-47 HELICOPTER
	POSITION INDICATORS	RT	AERODYNAMIC COEFFICIENTS		CH-54 HELICOPTER H-19 HELICOPTER
		•••	LATERAL STABILITY		H-43 HELICOPTER
ROCKET	-BORNE PHOTOGRAPHY		MOMENTS OF INERTIA		H-53 HELICOPTER
GS	IMAGERY		PITCHING MOMENTS		H-54 HELICOPTER
	ROCKET-BORNE PHOTOGRAPHY		ROLL		H-56 HELICOPTER
	PHOTOGRAPHY . ROCKET-BORNE PHOTOGRAPHY		TORQUE YAWING MOMENTS		H-60 HELICOPTER
RT	AERIAL PHOTOGRAPHY				HEAVY LIFT HELICOPTERS
	ASTRONOMICAL PHOTOGRAPHY	ROOMS			CH-62 HELICOPTER
	BLACK AND WHITE PHOTOGRAPHY	GS	ROOMS		HH-43 HELICOPTER
	PHOTOMAPPING		. CLEAN ROOMS		OH-4 HELICOPTER
	SATELLITE-BORNE PHOTOGRAPHY SPACEBORNE PHOTOGRAPHY		. DARKROOMS		OH-5 HELICOPTER
	SPACEBONNE PROTOGRAPHT	AT	COMPARTMENTS ENCLOSURES		OH-6 HELICOPTER OH-13 HELICOPTER
DO0**-	···		LOUNGES €		OH-23 HELICOPTER
ROCKET	'8 (USE OF A MORE SPECIFIC TERM IS	•			OH-58 HELICOPTER
SN	RECOMMENDED-CONSULT THE TERMS	∞ ROOTS			P-531 HELICOPTER
	LISTED BELOW)	SN	(USE OF A MORE SPECIFIC TERM IS		QH-50 HELICOPTER
RT	AIR SLEW MISSILES		RECOMMENDED-CONSULT THE TERMS		S-58 HELICOPTER
	AMMUNITION	OT	LISTED BELOW) PLANT ROOTS		S-61 HELICOPTER SA-321 HELICOPTER
	ESCAPE ROCKETS	RT	FLANT NOOTO		, , , , Grozi ilettoorien

### **ROTARY WINGS**

	(OOMT)	CONT.		······································
ROTAR	Y WING AIRCRAFT-(CONT.)	ROTATING BODIES-(CONT.) COMPRESSOR ROTORS	HOTAT	ING SPHERES-(CONT.) SYMMETRICAL BODIES
	SA-330 HELICOPTER	FLYWHEELS		. BODIES OF REVOLUTION
	SH-3 HELICOPTER	IMPELLERS		. SPHERES
	SH-4 HELICOPTER SIKORSKY WHIRLWIND	PUMP IMPELLERS		ROTATING SPHERES
	HELICOPTER	ROTARY WINGS	AT	EQUATORS
	UH-1 HELICOPTER	CIRCULATION CONTROL ROTORS	***	SPHERICAL SHELLS
	UH-2 HELICOPTER	LIFTING ROTORS		571121113712 5712225
	UH-34 HELICOPTER	BEARINGLESS ROTORS	POTAT	ING STALLS
	UH-60A HELICOPTER	RIGID ROTORS	RT	BOUNDARY LAYER SEPARATION
	UH-61A HELICOPTER	TILTING ROTORS		COMPRESSOR BLADES
	WESTLAND WHIRLWIND	TIP DRIVEN ROTORS		∞ROTOR BLADES
	HELICOPTER	X WING ROTORS		TURBOCOMPRESSORS
	XV-9A AIRCRAFT	TAIL ROTORS		
	RIGID ROTOR HELICOPTERS	HELICOPTER TAIL ROTORS	ROTAT	ING VEHICLES
	CH-3 HELICOPTER	. TIP VANES	USE	ROTATING BODIES
	F-28 HELICOPTER	TURBINE WHEELS	002	VEHICLES
	XH-51 HELICOPTER	RT AXES OF ROTATION		
	TANDEM ROTOR HELICOPTERS	∞ BODIES	POTAT	IONAL FLOW
	CH-46 HELICOPTER	PLANETARY ROTATION ROCHE LIMIT	USE	FLUID FLOW
	CH-47 HELICOPTER H-25 HELICOPTER	ROTARY GYROSCOPES	002	VORTICES
	TH-55 HELICOPTER	ROTARY STABILITY		
	. ROTOR SYSTEMS RESEARCH	ROTATION	ROTOC	HUTES
	AIRCRAFT	SPINNING UNGUIDED ROCKET	GS	PARACHUTES
	TILT ROTOR AIRCRAFT	TRAJECTORY		ROTOCHUTES
	V-22 AIRCRAFT		RT	AUTOROTATION
	XV-15 AIRCRAFT	ROTATING CYLINDERS		
RŤ	∞ AIRCRAFT	GS ROTATING BODIES	ROTOR	AERODYNAMICS
	AUTOROTATION	. ROTATING CYLINDERS	GS	FLUID MECHANICS
	COMMERCIAL AIRCRAFT	SYMMETRICAL BODIES		. FLUID DYNAMICS
	LIFTING ROTORS	. BODIES OF REVOLUTION		. GAS DYNAMICS
	∞ MILITARY AIRCRAFT	CYLINDRICAL BODIES		AERODYNAMICS
	PASSENGER AIRCRAFT	ROTATING CYLINDERS		ROTOR AERODYNAMICS
	ROTORCRAFT AIRCRAFT	RT COUETTE FLOW	RT	FLAPPING
	SHORT TAKEOFF AIRCRAFT	∞CYLINDERS		FLAPPING HINGES
	∞ SUBSONIC AIRCRAFT	CYLINDRICAL SHELLS		GROUND RESONANCE
	TRANSPORT AIRCRAFT	ELASTOHYDRODYNAMICS		ROTOR BODY INTERACTIONS
	VERTICAL TAKEOFF AIRCRAFT	MAGNUS EFFECT		ROTOR DYNAMICS
	WESER AIRCRAFT	SHAFTS (MACHINE ELEMENTS)		ROTORCRAFT AIRCRAFT
	WESTLAND AIRCRAFT	VISCOMETERS		ROTORS
		VISCOMETRY		WHIRL TOWERS
ROTAR	Y WINGS	DOTATING DIOVE	DOTOR	OI ADEC
UF	HELICOPTER ROTORS	ROTATING DISKS	∞ ROTOR	
	HINGED ROTOR BLADES	GS DISKS (SHAPES) . ROTATING DISKS	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS
GS	AIRFOILS	ROTATING BODIES		LISTED BELOW)
	. WINGS	. ROTATING DISKS	RT	HELICOPTER TAIL ROTORS
	ROTARY WINGS	RT ACCRETION DISKS	***	ROTARY WINGS
	CIRCULATION CONTROL ROTORS	COUNTER ROTATION		ROTATING STALLS
	LIFTING ROTORS	KARMAN-BODEWADT FLOW		ROTOR BLADES (TURBOMACHINERY)
	BEARINGLESS ROTORS	101111111111111111111111111111111111111		ROTORCRAFT AIRCRAFT
	RIGID ROTORS	ROTATING FLUIDS		TAIL ROTORS
	TILTING ROTORS	GS ROTATING FLUIDS		X WING ROTORS
	TIP DRIVEN ROTORS X WING ROTORS	. ROTATING LIQUIDS		
	ROTATING BODIES	RT COUNTER ROTATION	ROTOR	BODY INTERACTIONS
	. ROTORS	∞FLUIDS	RT	AERODYNAMIC CHARACTERISTICS
	ROTARY WINGS	GOERTLER INSTABILITY		AERODYNAMIC CONFIGURATIONS
	CIRCULATION CONTROL ROTORS	KARMAN-BODEWADT FLOW		HELICOPTER DESIGN
	LIFTING ROTORS	LIQUID SLOSHING		ROTOR AERODYNAMICS
	BEARINGLESS ROTORS	PLANETARY WAVES		
	RIGID ROTORS	SUPERROTATION	ROTOR	DISKS
	TILTING ROTORS	TAYLOR INSTABILITY	USE	TURBINE WHEELS
	TIP DRIVEN ROTORS	TRAPPED VORTICES		
	X WING ROTORS	TURBULENT FLOW	ROTOR	HUBS
RT	BLADE TIPS	VORTEX SHEETS	USE	HUBS
	BLADE-VORTEX INTERACTION	VORTICES		ROTORS
	∞ BLADES	WING TIP VORTICES		
	CONVERTIBLE FAN-SHAFT ENGINES		ROTOR	LIFT
	FAN BLADES	ROTATING LIQUIDS	GS	AERODYNAMIC CHARACTERISTICS
	FLAPPING HINGES	UF LIQUID ROTATION		. UFT
	FOLDING STRUCTURES	GS LIQUIDS		ROTOR LIFT
	GROUND RESONANCE	. ROTATING LIQUIDS		AERODYNAMIC FORCES
	HARMONIC CONTROL HELICOPTER PROPELLER DRIVE	ROTATING FLUIDS . <b>ROTATING LIQUIDS</b>		. LIFT
	HELICOPTER TAIL ROTORS	RT GOERTLER INSTABILITY		ROTOR LIFT
	LIFT FANS	PLANETARY WAVES		DYNAMIC CHARACTERISTICS
	PROPELLER BLADES	HOTATION		. LIFT
	∞ ROTOR BLADES	TRAPPED VORTICES	RT	ROTOR LIFT DISTRIBUTION (PROPERTY)
	ROTOR DYNAMICS	VORTICES	n i	DISTRIBUTION (PROPERTY)
	TAIL ROTORS		DOTOS	SPEED
	TILT ROTOR RESEARCH AIRCRAFT	ROTATING MIRRORS	GS HOTOH	
	PROGRAM	GS MIRRORS	us	RATES (PER TIME) . ROTOR SPEED
	V-22 AIRCRAFT	. ROTATING MIRRORS		VELOCITY
	WHIRL TOWERS	RT FRAMING CAMERAS		. ROTOR SPEED
		HIGH SPEED CAMERAS	RT	ANGULAR VELOCITY
BOTAT	ING BODIES			HIGH SPEED
UF	ROTATING VEHICLES	ROTATING SHAFTS		LABYRINTH SEALS
OP.	SOLID ROTATION	GS SHAFTS (MACHINE ELEMENTS)		TIP SPEED
GS	ROTATING BODIES	ROTATING SHAFTS		
40	LUNAR ROTATION	TURBOSHAFTS	ROTOR	SYSTEMS RESEARCH AIRCRAFT
	. ROTATING CYLINDERS		GS	RESEARCH AIRCRAFT
	. ROTATING DISKS	ROTATING SPHERES		. ROTOR SYSTEMS RESEARCH
	ROTATING SPHERES	GS ROTATING BODIES		AIRCRAFT
	ROTORS	. ROTATING SPHERES		V/STOL AIRCRAFT

# **SAAB 37 AIRCRAFT**

	CONT.	BUDDE	as-(CONT.)	S WAVI	ES-(CONT.)
ROTOR S	SYSTEMS RESEARCH-(CONT.) . ROTARY WING AIRCRAFT	HUDDE	TABS (CONTROL SURFACES)		SH WAVES
	. ROTOR SYSTEMS RESEARCH		TAIL ASSEMENTES	RT	CRUSTAL FRACTURES DILATATIONAL WAVES
	AIRCRAFT		TAIL SURFACES TRAPEZOIDAL TAIL SURFACES		P WAVES
RT ∝	AIRCRAFT		TRAPEZOIDAL TAIL SONI ACLO		POLARIZED ELASTIC WAVES
	AIRCRAFT DESIGN HELICOPTERS	DI MAE	KUTTA METHOD		RAYLEIGH WAVES
	NASA PROGRAMS	GS	ANALYSIS (MATHEMATICS)		SEISMIC WAVES SURFACE WAVES
oc	SYSTEMS	•	NUMERICAL ANALYSIS		TRANSVERSE WAVES
			NUMERICAL INTEGRATION RUNGE-KUTTA METHOD		
ROTORC	RAFT ROTARY WING AIRCRAFT		REAL VARIABLES	S-2 AIR	CRAFT
USE	HUTARY WING AIRCHAFT		MEASURE AND INTEGRATION	UF	SNOW AERIAL APPLICATOR AIRCRAF S-28
ROTORC	RAFT AIRCRAFT		NUMERICAL INTEGRATION		SNOW S-2 AIRCRAFT
	AIRCRAFT	RT	RUNGE-KUTTA METHOD    METHODOLOGY		US-2A AIRCRAFT
	HELICOPTERS	HI	® METHODOLOGI	GS	MONOPLANES
	ROTARY WING AIRCRAFT ROTOR AERODYNAMICS	RUNWA	Y ALIGNMENT		. S-2 AIRCRAFT SNOW AIRCRAFT
a	ROTOR BLADES	SN	(ALIGNMENT WITH RUNWAYSNOT		S-2 AIRCRAFT
			ALIGNMENT OF RUNWAYS)		UTILITY AIRCRAFT
ROTORS		RT	AIRCRAFT LANDING TAKEOFF RUNS	D.T.	. S-2 AIRCRAFT
UF GS	ROTOR HUBS ROTATING BODIES		TAREOTT TIONS	RT	∞ AIRCRAFT
do	ROTORS	RUNWA	Y CONDITIONS	S-3 AIF	CRAFT
	. COMPRESSOR ROTORS	GS	CONDITIONS	GS	ANTISUBMARINE WARFARE AIRCRAF
	. FLYWHEELS		RUNWAY CONDITIONS		. S-3 AIRCRAFT
	IMPELLERS	RT	AVIATION METEOROLOGY ICE	RT	∞ AIRCRAFT  ∞ MILITARY AIRCRAFT
	ROTARY WINGS		RUNWAYS		MILITARY AIRCHAFT
	CIRCULATION CONTROL ROTORS		SLUSH	S-61 HI	ELICOPTER
	LIFTING ROTORS		SURFACE ROUGHNESS	UF	SIKORSKY S-61 HELICOPTER
	BEARINGLESS ROTORS RIGID ROTORS		WATER WEATHER	GS	SIKORSKY AIRCRAFT
	TILTING ROTORS		WEATHER		. S-61 HELICOPTER TRANSPORT AIRCRAFT
	TIP DRIVEN ROTORS	DIINW	Y LIGHTS		. S-61 HELICOPTER
	X WING ROTORS	GS	LANDING AIDS		V/STOL AIRCRAFT
	TAIL ROTORS HELICOPTER TAIL ROTORS		. AIRPORT LIGHTS		. ROTARY WING AIRCRAFT
	TIP VANES		. RUNWAY LIGHTS		HELICOPTERS MILITARY HELICOPTERS
	TURBINE WHEELS		LIGHTING EQUIPMENT LUMINAIRES		S-61 HELICOPTER
RT	AIRFOILS		. AIRPORT LIGHTS	RT	∞ AIRCRAFT
	ARMATURES		RUNWAY LIGHTS		ANTISUBMARINE WARFARE AIRCRAF
	CENTRIFUGAL COMPRESSORS HEAVY LIFT AIRSHIPS	RT	APPROACH CONTROL		CH-3 HELICOPTER
,	ROTATING ELECTRICAL MACHINES		∞ FLARES  ∞ MARKERS		SH-3 HELICOPTER SH-4 HELICOPTER
	ROTOR AERODYNAMICS		RUNWAYS		WATER TAKEOFF AND LANDING
	ROTOR BLADES (TURBOMACHINERY)		SEARCHLIGHTS		AIRCRAFT
	ROTOR DYNAMICS STATORS		VISUAL CONTROL		
	TURBINES				ELICOPTER
	TURBOCOMPRESSORS	RUNW	AIRFIELD SURFACE MOVEMENTS	USE	CH-54 HELICOPTER
	TURBOMACHINE BLADES		AIRPORTS		EL LOOPTER
	TURBOSHAFTS WHEELS		LANDING	5-67 H	ELICOPTER SIKORSKY S-67 HELICOPTER
	WINGS		LANDING AIDS	GS	SIKORSKY AIRCRAFT
			LANDING MATS LANDING SITES		S-67 HELICOPTER
ROUGH			PAVEMENTS	RT	∞ AIRCRAFT
GS	ROUGHNESS . SEA ROUGHNESS		RUNWAY CONDITIONS		HE LOOPTED
	SURFACE ROUGHNESS		RUNWAY LIGHTS	SA-321 UF	HELICOPTER SUD AVIATION SA-321 HELICOPTER
RT	COARSENESS		∞STRIP TAKEOFF	GS	SUD AVIATION AIRCRAFT
	CONTOURS		TAXIING		SA-321 HELICOPTER
	FLATNESS MECHANICAL PROPERTIES				V/STOL AIRCRAFT . ROTARY WING AIRCRAFT
	MOTION STABILITY		AIRCRAFT		. HELICOPTERS
	PROFILOMETERS	UF GS	RYAN MILITARY AIRCRAFT RYAN AIRCRAFT		MILITARY HELICOPTERS
	SMOOTHING	GS	. FIREBEE 2 TARGET DRONE AIRCRAFT		SA-321 HELICOPTER
	SURFACE PROPERTIES		. X-13 AIRCRAFT	RT	∞ AIRCRAFT
ROUTES	8		. XC-142 AIRCRAFT	0.1.00	HELICOPTER
RT	AIR TRAFFIC CONTROL		. XV-5 AIRCRAFT . XV-8A AIRCRAFT	<b>SA-33</b> 0	SUD AVIATION SA-330 HELICOPTER
	FLIGHT PLANS	RT	∞ AIRCRAFT	GS	SUD AVIATION AIRCRAFT
	∞PATHS				. ALOUETTE HELICOPTERS
	SITE SELECTION TRANSPORTATION		MILITARY AIRCRAFT		SA-330 HELICOPTER TRANSPORT AIRCRAFT
	THE CONTRACT OF THE CONTRACT O	USE	RYAN AIRCRAFT		SA-330 HELICOPTER
RPV		DED A	IRCRAFT		V/STOL AIRCRAFT
USE	REMOTELY PILOTED VEHICLES	USE	C-54 AIRCRAFT		. ROTARY WING AIRCRAFT
	DOCKET VEHICLE				HELICOPTERS
GS	ROCKET VEHICLES		IRCRAFT		SA-330 HELICOPTER
do	MULTISTAGE ROCKET VEHICLES	USE	C-121 AIRCRAFT		MILITARY HELICOPTERS
	RUBIS ROCKET VEHICLE		EC-121 AIRCRAFT		SA-330 HELICOPTER
RT	SOLID PROPELLANT ROCKET ENGINES			RT	∞ AIRCRAFT
BURNE	. De				AIDCRAFT
RUDDE GS	CONTROL SURFACES		S	SAAB GS	AIRCRAFT SAAB AIRCRAFT
30	RUDDERS		_	GG	. SAAB 37 AIRCRAFT
	AERIAL RUDDERS	S WA	VEC		. SAAB 105 AIRCRAFT
	. MARINE RUDDERS	S WA	SECONDARY WAVES	RT	∞ AIRCRAFT
RT	AIRFOILS FINS	0,	SHEAR DISTURBANCES		AT AIDCOAST
	PINTLES		SHEAR WAVES	SAAB GS	37 AIRCRAFT ATTACK AIRCRAFT
	STABILIZERS (FLUID DYNAMICS)	GS	ELASTIC WAVES . 8 WAVES	Ç.S	, FIGHTER AIRCRAFT
	SWEPTBACK TAIL SURFACES		. V MATER		

#### SABRE AIRCRAFT

SAAB 37 AIRCRAFT-(CONT.) SATURN D LAUNCH VEHICLE-(CONT.)
... SATURN D LAUNCH VEHICLE SAILPLANES .. SAAB 37 AIRCRAFT JET AIRCRAFT USE GLIDERS ROCKET VEHICLES . TURBOFAN AIRCRAFT SAILS . MULTISTAGE ROCKET VEHICLES . . SAAB 37 AIRCRAFT SAAB AIRCRAFT ... SATURN LAUNCH VEHICLES ... SATURN D LAUNCH VEHICLE GS SAH S SAILWINGS . SAAB 37 AIRCRAFT SUPERSONIC AIRCRAFT . SAAB 37 AIRCRAFT SOLAR SAILS RL-10-A-3 ENGINE RT FINS **GLIDERS SATURN LAUNCH VEHICLES** TAIL ASSEMBLIES LAUNCH VEHICLES
. SATURN LAUNCH VEHICLES
. SATURN D LAUNCH VEHICLE GS. CANARD CONFIGURATIONS HARRIER AIRCRAFT SAILWINGS PRINCETON SAILWINGS SATURN 1 LAUNCH VEHICLES . SATURN 1 SA-1 LAUNCH VEHICLE . SATURN 1 SA-2 LAUNCH VEHICLE SABRE AIRCRAFT GS FOLDING STRUCTURES . SAILWINGS F-86 AIRCRAFT USE SATURN 1 SA-3 LAUNCH VEHICLE SATURN 1 SA-4 LAUNCH VEHICLE SATURN 1 SA-5 LAUNCH VEHICLE SABRELINER AIRCRAFT SAIL WINGS RT GLIDERS USE T-39 AIRCRAFT HANG GLIDERS SATURN 1 SA-8 LAUNCH VEHICLE SATURN 1 SA-7 LAUNCH VEHICLE KA-6 SAILPLANES SAFEGUARD SYSTEM
GS WEAPON SYSTEMS SATURN 1 SA-8 LAUNCH VEHICLE SALT SPRAY TESTS
GS CHEMICAL TESTS SATURN 1 SA-9 LAUNCH VEHICLE MISSILE SYSTEMS SATURN 1 SA-10 LAUNCH VEHICLE .. SAFEGUARD SYSTEM ANTIMISSILE DEFENSE SATURN 1B LAUNCH VEHICLES SATURN 2 LAUNCH VEHICLES SATURN 5 LAUNCH VEHICLES SALT SPRAY TESTS ENVIRONMENTAL TESTS BALLISTIC MISSILES MILITARY TECHNOLOGY CORROSION TESTS . SALT SPRAY TESTS MISSILE DEFENSE ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES AT CORROSION SENTINEL SYSTEM CORROSION RESISTANCE SATURN LAUNCH VEHICLES ∞SYSTEMS . . . SATURN D LAUNCH VEHICLE . . . SATURN 1 LAUNCH VEHICLES SPRAY INGESTION STRESS CORROSION SAFETY DEVICES ~TESTS SATURN 1 SA-1 LAUNCH VEHICLE SATURN 1 SA-2 LAUNCH VEHICLE SATURN 1 SA-3 LAUNCH VEHICLE SAFETY DEVICES
. ABORT APPARATUS **SAMARITAN AIRCRAFT** AIR BAG RESTRAINT DEVICES SATURN 1 SA-3 LUNICH VEHICLE SATURN 1 SA-5 LAUNCH VEHICLE SATURN 1 SA-6 LAUNCH VEHICLE SATURN 1 SA-7 LAUNCH VEHICLE SATURN 1 SA-8 LAUNCH VEHICLE C-131 AIRCRAFT ARRESTING GEAR EJECTION SEATS . FLYING EJECTION SEATS ESCAPE CAPSULES ESCAPE ROCKETS SANDPIPER TARGET MISSILE

GS MISSILE CONFIGURATIONS SANDPIPER TARGET MISSILE SATURN 1 SA-9 LAUNCH VEHICLE HELMETS SEAT BELTS MISSILES SATURN 1 SA-10 LAUNCH SANDPIPER TARGET MISSILE **VEHICLE** ACCIDENT PREVENTION RT DRONE VEHICLES RΤ SATURN 1B LAUNCH VEHICLES SATURN 2 LAUNCH VEHICLES SATURN 5 LAUNCH VEHICLES ACCIDENT PRONENESS TARGETS **ACCIDENTS** AIRCRAFT SAFETY SATELLITE ALTIMETRY APOLLO PROJECT F-1 ROCKET ENGINE **RT** ALTIMETRY
. SATELLITE ALTIMETRY **AMBULANCES** GS ANTISKID DEVICES **RL-10 ENGINES** AUTOMOBILE ACCIDENTS

BARRIERS ALTIMETERS **∞VEHICLES** GEODESY CHEMICAL DEFENSE GEODETIC SATELLITES GEOIDS GEOS 3 SATELLITE SATURN PROJECT **DEFLECTORS** PROGRAMS
. NASA PROGRAMS ∞ DEVICES GEOSAT SATELLITES EMERGENCY LIFE SUSTAINING NASA SPACE PROGRAMS

BATURN PROJECT RADAR MEASUREMENT SATELLITE OBSERVATION SYSTEMS ENCLOSURES PROJECTS ∞ EQUIPMENT FAIL-SAFE SYSTEMS SATELLITE-BORNE RADAR . SATURN PROJECT SPACE PROGRAMS . NASA SPACE PROGRAMS SEASAT SATELLITES FIRE PREVENTION TOPOGRAPHY FLAME DEFLECTORS APOLLO APPLICATIONS PROGRAM APOLLO SPACECRAFT FLIGHT SAFETY GATES (OPENINGS) GUARDS (SHIELDS) SATELLITE ATTITUDE DISTURBANCE RT USF ATTITUDE STABILITY
SPACECRAFT STABILITY CENTAUR LAUNCH VEHICLE LAUNCH VEHICLES HARNESSES SATELLITE BREAKUP
USE SPACECRAFT BREAKUP LUNAR LAUNCH HUMAN FACTORS ENGINEERING LANDING AIDS PEGASUS SATELLITES RIFT (REACTOR IN FLIGHT TEST) PRESSURE SUITS SATELLITE DRAG VOYAGER PROJECT DYNAMIC CHARACTERISTICS PROTECTIVE CLOTHING . DRAG PROTECTORS
RADIATION MEASURING INSTRUMENTS SATURN 8-1 STAGE SATELLITE DRAG **ROCKET VEHICLES** RT AERODYNAMIC DRAG ELECTROSTATIC DRAG RADIATION SHIELDING SATURN STAGES . . SATURN S-1 STAGE LIQUID PROPELLANT ROCKET ENGINES SHIELDING SMOKE DETECTORS FRICTION DRAG RT SPACE SUITS SPACECRAFT SHIELDING SATELLITE FRAGMENTATION SATURN S-1B STAGE GS ROCKET VEHICLES SPACECRAFT BREAKUP WARNING WARNING SYSTEMS SATURN STAGES SATELLITE LAUNCHING
USE SPACECRAFT LAUNCHING ... SATURN S-18 STAGE
LIQUID PROPELLANT ROCKET ENGINES SAGNAC EFFECT PHASE SHIFT SATELLITE NAVIGATION SYSTEMS
GS SATELLITE NAVIGATION SYSTEMS . SAGNAC EFFECT ANGULAR VELOCITY SATURN S-1C STAGE
GS ROCKET VEHICLES . TRANSIT NAVIGATION SYSTEM AUTONOMOUS NAVIGATION SATURN STAGES **ETALONS** FIBER OPTICS ... SATURN S-1C STAGE LIQUID PROPELLANT ROCKET ENGINES GLOBAL POSITIONING SYSTEM NAVIGATION SATELLITES RADAR NAVIGATION INTERFEROMETERS INTERFEROMETRY LASER GYROSCOPES
LASER INTERFEROMETRY SATURN 8-2 STAGE RADIO NAVIGATION SPACE NAVIGATION GS **ROCKET VEHICLES** LIGHT TRANSMISSION SATURN STAGES . SATURN S-2 STAGE ∞ SYSTEMS NONLINEAR OPTICS OPTICAL GYROSCOPES RT LIQUID PROPELLANT ROCKET ENGINES OPTICAL PATHS SATURN D LAUNCH VEHICLE SPECKLE INTERFEROMETRY LAUNCH VEHICLES

SATURN LAUNCH VEHICLES

SATURN S-4 STAGE

**ROCKET VEHICLES** 

WAVE PROPAGATION

SATURN	S-4 STAGE-(CONT.) SATURN STAGES SATURN S-4 STAGE		I SA-4 LAUNCH VEHICLE-(CONT.) SATURN 1 LAUNCH VEHICLES SATURN 1 SA-4 LAUNCH VEHICLE	USE	E AIRCRAFT A-2 AIRCRAFT
RT	LIQUID PROPELLANT ROCKET ENGINES				OTH WAVEFORMS
			SA-5 LAUNCH VEHICLE	GS	WAVEFORMS . SAWTOOTH WAVEFORMS
SATURN	S-4B STAGE		LAUNCH VEHICLES SATURN LAUNCH VEHICLES	RT	PULSE AMPLITUDE
GS	ROCKET VEHICLES		. SATURN 1 LAUNCH VEHICLES	•••	PULSE DURATION
	. SATURN STAGES SATURN S-4B STAGE		SATURN 1 SA-5 LAUNCH VEHICLE		SQUARE WAVES
RT	LIQUID PROPELLANT ROCKET ENGINES	1	ROCKET VEHICLES		
			MULTISTAGE ROCKET VEHICLES		RCRAFT
SATURN	STAGES		. SATURN LAUNCH VEHICLES	UF GS	SHORT SC-1 AIRCRAFT JET AIRCRAFT
GS	ROCKET VEHICLES		SATURN 1 LAUNCH VEHICLES SATURN 1 SA-5 LAUNCH VEHICLE	us	SC-1 AIRCRAFT
	. SATURN STAGES		ortollir i orto ortollir i		MONOPLANES
	SATURN S-1 STAGE SATURN S-1B STAGE	SATURN	1 SA-6 LAUNCH VEHICLE		SC-1 AIRCRAFT
	. SATURN S-1C STAGE	GS	LAUNCH VEHICLES		RESEARCH AIRCRAFT
	SATURN S-2 STAGE		SATURN LAUNCH VEHICLES		. SC-1 AIRCRAFT TAILLESS AIRCRAFT
	SATURN S-4 STAGE		. SATURN 1 LAUNCH VEHICLES SATURN 1 SA-6 LAUNCH VEHICLE		. SC-1 AIRCRAFT
	SATURN S-4B STAGE		ROCKET VEHICLES		V/STOL AIRCRAFT
RT	LIQUID PROPELLANT ROCKET ENGINES		MULTISTAGE ROCKET VEHICLES		. VERTICAL TAKEOFF AIRCRAFT
CATLIDM	1 LAUNCH VEHICLES		. , SATURN LAUNCH VEHICLES		SC-1 AIRCRAFT
GS	LAUNCH VEHICLES		SATURN 1 LAUNCH VEHICLES	RT	∞ AIRCRAFT
	. SATURN LAUNCH VEHICLES		SATURN 1 SA-6 LAUNCH VEHICLE	CC 5 A	RCRAFT
	SATURN 1 LAUNCH VEHICLES	0.4711011	CA 7 LAUNCH VEHICLE	UF	BELFAST AIRCRAFT
	SATURN 1 SA-1 LAUNCH VEHICLE		1 SA-7 LAUNCH VEHICLE LAUNCH VEHICLES	O.	SHORT BELFAST C MK-1 AIRCRAFT
	SATURN 1 SA-2 LAUNCH VEHICLE SATURN 1 SA-3 LAUNCH VEHICLE		CATUDAL LAUNCH VEHICLES		SHORT SC-5 AIRCRAFT
	SATURN 1 SA-4 LAUNCH VEHICLE		SATURN 1 LAUNCH VEHICLES	GS	JET AIRCRAFT
	SATURN 1 SA-5 LAUNCH VEHICLE		SATURN 1 SA-/ LAUNCH VEHICLE		. TURBOPROP AIRCRAFT SC-5 AIRCRAFT
	SATURN 1 SA-6 LAUNCH VEHICLE		ROCKET VEHICLES		MONOPLANES
	SATURN 1 SA-7 LAUNCH VEHICLE		. MULTISTAGE ROCKET VEHICLES SATURN LAUNCH VEHICLES		. SC-5 AIRCRAFT
	SATURN 1 SA-8 LAUNCH VEHICLE		SATURN 1 LAUNCH VEHICLES		TRANSPORT AIRCRAFT
	SATURN 1 SA-9 LAUNCH VEHICLE SATURN 1 SA-10 LAUNCH VEHICLE		SATURN 1 SA-7 LAUNCH VEHICLE		. SC-5 AIRCRAFT
	ROCKET VEHICLES			RT	∞ AIRCRAFT
	MULTISTAGE ROCKET VEHICLES	SATURN	1 SA-8 LAUNCH VEHICLE		
	SATURN LAUNCH VEHICLES		LAUNCH VEHICLES		IRCRAFT
	SATURN 1 LAUNCH VEHICLES		. SATURN LAUNCH VEHICLES SATURN 1 LAUNCH VEHICLES	UF	SHORT SC-7 AIRCRAFT SKYVAN AIRCRAFT
	SATURN 1 SA-1 LAUNCH VEHICLE SATURN 1 SA-2 LAUNCH VEHICLE		SATURN 1 SA-B LAUNCH VEHICLE		TURBO-SKYVAN AIRCRAFT
	SATURN 1 SA-3 LAUNCH VEHICLE		ROCKET VEHICLES	GS	LIGHT AIRCRAFT
	SATURN 1 SA-4 LAUNCH VEHICLE		. MULTISTAGE ROCKET VEHICLES		. SC-7 AIRCRAFT
	SATURN 1 SA-5 LAUNCH VEHICLE		SATURN LAUNCH VEHICLES		MONOPLANES
	SATURN 1 SA-6 LAUNCH VEHICLE		SATURN 1 LAUNCH VEHICLES		SC-7 AIRCRAFT TRANSPORT AIRCRAFT
	SATURN 1 SA-7 LAUNCH VEHICLE		SATURN 1 SA-8 LAUNCH VEHICLE		SC-7 AIRCRAFT
	SATURN 1 SA-8 LAUNCH VEHICLE SATURN 1 SA-9 LAUNCH VEHICLE	CATHON	1 SA-9 LAUNCH VEHICLE	RT	∞ AIRCRAFT
	SATURN 1 SA-10 LAUNCH		LAUNCH VEHICLES		CARGO AIRCRAFT
	VEHICLE		. SATURN LAUNCH VEHICLES		PASSENGER AIRCRAFT
AT	H-1 ENGINE		SATURN 1 LAUNCH VEHICLES		
	M-1 ENGINE		SATURN 1 SA-9 LAUNCH VEHICLE	∞ SCALE	WAS OF A MORE CRECIEN TERM IS
0.4 TUDA	1 SA-1 LAUNCH VEHICLE		ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS
GS	LAUNCH VEHICLES		. SATURN LAUNCH VEHICLES		LISTED BELOW)
as	. SATURN LAUNCH VEHICLES		SATURN 1 LAUNCH VEHICLES	RT	SCALE (CORROSION)
	SATURN 1 LAUNCH VEHICLES		SATURN 1 SA-9 LAUNCH VEHICLE		SCALE (RATIO)
	SATURN 1 SA-1 LAUNCH VEHICLE				TEMPERATURE SCALES
	ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES		1B LAUNCH VEHICLES		WEIGHT INDICATORS
	. SATURN LAUNCH VEHICLES	GS	LAUNCH VEHICLES . SATURN LAUNCH VEHICLES	00415	FEFFAT
	SATURN 1 LAUNCH VEHICLES		SATURN 1B LAUNCH VEHICLES		EFFECT ∞ EFFECTS
	SATURN 1 SA-1 LAUNCH VEHICLE		ROCKET VEHICLES		FORCE DISTRIBUTION
			. MULTISTAGE ROCKET VEHICLES		PARAMETERIZATION
	1 SA-2 LAUNCH VEHICLE		SATURN LAUNCH VEHICLES		REYNOLDS NUMBER
GS	LAUNCH VEHICLES . SATURN LAUNCH VEHICLES	RT	SATURN 1B LAUNCH VEHICLES H-1 ENGINE		∞ SCALING
	. SATURN 1 LAUNCH VEHICLES	111	J-2 ENGINE		
	SATURN 1 SA-2 LAUNCH VEHICLE		M-1 ENGINE	GS	MODELS MODELS
	ROCKET VEHICLES		SKYLAB 2	Q3	SCALE MODELS
	MULTISTAGE ROCKET VEHICLES		SKYLAB 3	RT	AERODYNAMIC CONFIGURATIONS
	SATURN LAUNCH VEHICLES SATURN 1 LAUNCH VEHICLES		SKYLAB 4		AIRCRAFT MODELS
	SATURN 1 SA-2 LAUNCH VEHICLE	CATURN	2 LAUNCH VEHICLES		REYNOLDS EQUATION
	· · · · · · · · · · · · · · · · · · ·	GS	LAUNCH VEHICLES		SCALING LAWS SEMISPAN MODELS
SATUR	1 1 SA-3 LAUNCH VEHICLE		. SATURN LAUNCH VEHICLES		SIMILARITY THEOREM
GS	LAUNCH VEHICLES		SATURN 2 LAUNCH VEHICLES		SIMILITUDE LAW
	. SATURN LAUNCH VEHICLES		ROCKET VEHICLES . MULTISTAGE ROCKET VEHICLES		SPACECRAFT MODELS
	SATURN 1 LAUNCH VEHICLES SATURN 1 SA-3 LAUNCH VEHICLE		. SATURN LAUNCH VEHICLES		WIND TUNNEL MODELS
	ROCKET VEHICLES		SATURN 2 LAUNCH VEHICLES		
	MULTISTAGE ROCKET VEHICLES			∞ SCALI	NG (USE OF A MORE SPECIFIC TERM IS
	SATURN LAUNCH VEHICLES	SATURN	5 LAUNCH VEHICLES	SN	RECOMMENDED-CONSULT THE TERMS
	SATURN 1 LAUNCH VEHICLES	GS	LAUNCH VEHICLES		LISTED BELOW)
	SATURN 1 SA-3 LAUNCH VEHICLE		. SATURN LAUNCH VEHICLES	RT	CALIBRATING
			SATURN 5 LAUNCH VEHICLES ROCKET VEHICLES	***	ERRORS
	N 1 SA-4 LAUNCH VEHICLE LAUNCH VEHICLES		. MULTISTAGE ROCKET VEHICLES		SCALE (CORROSION)
GS	. SATURN LAUNCH VEHICLES		SATURN LAUNCH VEHICLES		SCALE EFFECT SCALING LAWS
	SATURN 1 LAUNCH VEHICLES		SATURN 5 LAUNCH VEHICLES		SUMMITTED ENTER
	SATURN 1 SA-4 LAUNCH VEHICLE	AT	J-2 ENGINE	CCAR	PROGRAM
	ROCKET VEHICLES		SKYLAB 2 SKYLAB 3	USE	
	. MULTISTAGE ROCKET VEHICLES SATURN LAUNCH VEHICLES		SKYLAB 4	JJL	RESEARCH
	SATURN LAUNUR VEHICLES				

#### **SCAT**

SEAPLANES-(CONT.) SCOUT LAUNCH VEHICLE-(CONT.) SCAT SUPERSONIC COMMERCIAL AIR EXPLORER 25 SATELLITE EXPLORER 27 SATELLITE AMPHIBIOUS AIRCRAFT AMPHIBIOUS VEHICLES USE TRANSPORT HULLS (STRUCTURES) EXPLORER 30 SATELLITE EXPLORER 37 SATELLITE EXPLORER 39 SATELLITE MONOPLANES SCATTERING COEFFICIENTS COEFFICIENTS GS EXPLORER 40 SATELLITE SCATTERING COEFFICIENTS **SEARCHLIGHTS** SAN MARCO SATELLITES
SOLID PROPELLANT ROCKET ENGINES LIGHTING EQUIPMENT RT ABSORPTIVITY ATTENUATION COEFFICIENTS . LUMINAIRES TX-354 ENGINE SEARCHLIGHTS FORM FACTORS X-248 ENGINE AIRPORT LIGHTS X-254 ENGINE ARC LAMPS **SCATTERING FUNCTIONS** X-258 ENGINES **BEACONS** FLUX DENSITY X-259 ENGINE **PROJECTORS** ∞ FUNCTIONS XM-33 ENGINE RUNWAY LIGHTS RADIANT FLUX DENSITY SCOUT PROJECT SEASPRITE HELICOPTER SCHLEICHER AIRCRAFT **PROGRAMS** GS UH-2 HELICOPTER USE ∞ AIRCRAFT GLIDERS NASA PROGRAMS NASA SPACE PROGRAMS
. SCOUT PROJECT SEAT BELTS SAFETY DEVICES GS SCHLEICHER KA-6 SAILPLANE SEAT BELTS KA-6 SAILPLANES . SCOUT PROJECT SPACE PROGRAMS ∞ BELTS HARNESSES NASA SPACE PROGRAMS SCHLIEREN PHOTOGRAPHY SEATS IMAGERY SCOUT PROJECT . SHADOWGRAPH PHOTOGRAPHY . . SCHLIEREN PHOTOGRAPHY ∞ BOOSTERS EXPLORER SATELLITES SEATS UF BENCHES PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY LAUNCH VEHICLES CHAIRS BLACK AND WHITE PHOTOGRAPHY
DIFFERENTIAL INTERFEROMETRY GS SEATS SCRAMJET ENGINES BARANY CHAIR SUPERSONIC COMBUSTION RAMJET AT **ENGINES EJECTION SEATS** FLYING EJECTION SEATS FLOW VISUALIZATION
MACH-ZEHNDER INTERFEROMETERS ЯT **SCRAMJETS** COUCHES MOIRE EFFECTS USE SUPERSONIC COMBUSTION RAMJET **ENGINES** HARNESSES SCHULER TUNING GS TUNING ∞ LOUNGES SDP (COMPUTERS) PILLOWS SITE DATA PROCESSORS SCHULER TUNING USE RIDING QUALITY GYROSCOPIC PENDULUMS GYROSCOPIC STABILITY RT SEAT BELTS SDV SITTING POSITION INERTIAL NAVIGATION SHUTTLE DERIVED VEHICLES SECONDARY FLOW GS FLUID FLOW SCHWARTZ METHOD SE-210 AIRCRAFT ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION CARAVELLE AIRCRAFT UF . VISCOUS FLOW SUD AVIATION SE-210 AIRCRAFT COMMERCIAL AIRCRAFT BOUNDARY LAYER FLOW . SECONDARY FLOW GS . SCHWARTZ METHOD SE-210 AIRCRAFT TRANSLATIONAL MOTION
. THREE DIMENSIONAL MOTION STRESS ANALYSIS
SCHWARTZ METHOD JET AIRCRAFT TURBOFAN AIRCRAFT . . THREE DIMENSIONAL FLOW SE-210 AIRCRAFT ... SECONDARY FLOW COMPRESSIBILITY EFFECTS MONOPLANES . SE-210 AIRCRAFT PASSENGER AIRCRAFT . SE-210 AIRCRAFT **SCIMITAR AIRCRAFT** CORNER FLOW VICKERS SCIMITAR AIRCRAFT UF THREE DIMENSIONAL BOUNDARY LAYER ATTACK AIRCRAFT . FIGHTER AIRCRAFT GS VORTICES SUD AVIATION AIRCRAFT
. SE-210 AIRCRAFT . SCIMITAR AIRCRAFT BAC AIRCRAFT . SCIMITAR AIRCRAFT ∞ AIRCRAFT SECONDARY INJECTION
GS INJECTION JET AIRCRAFT SE-3160 HELICOPTER SECONDARY INJECTION . SCIMITAR AIRCRAFT MONOPLANES ALOUETTE 3 HELICOPTER SUD AVIATION SE-3160 HELICOPTER SUD AVIATION AIRCRAFT . ALOUETTE HELICOPTERS FLUID INJECTION SHOCK WAVE CONTROL SCIMITAR AIRCRAFT SHOCK WAVE PROPAGATION SUPERSONIC FLOW THRUST AUGMENTATION THRUST VECTOR CONTROL ∞ AIRCRAFT RT SE-3160 HELICOPTER SCOOPS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT AIR INTAKES CONVEYORS SECONDARY WAVES DUCTS ... ALOUETTE HELICOPTERS USE S WAVES INTAKE SYSTEMS SE-3160 HELICOPTER NOSE INLETS SIDE INLETS SECTIONS SEA KEEPING RT ATTITUDE GYROS (USE OF A MORE SPECIFIC TERM IS -WATER INTAKES SN RECOMMENDED-CONSULT THE TERMS DAMPING SCORE OMNIRANGE GYROSCOPIC STABILITY LISTED BELOW) CATEGORIES SELF CALIBRATING OMNIRANGE **GYROSTABILIZERS** CLASSES MOTION STABILITY SUBDIVISIONS SCOUT HELICOPTER ∞ STABILIZERS TORQUERS SUBSIDIARIES P-531 HELICOPTER **SEEKERS** 9COUT LAUNCH VEHICLE
GS LAUNCH VEHICLES
. SCOUT LAUNCH VEHICLE SEA KING HELICOPTER HOMING DEVICES SH-3 HELICOPTER SEGREGATION ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES SEA KNIGHT HELICOPTER USE SEPARATION CH-46 HELICOPTER SCOUT LAUNCH VEHICLE SELF ADAPTIVE CONTROL SYSTEMS ALGOL ENGINE EXPLORER 9 SATELLITE **BT** SEAHORSE HELICOPTER AUTOMATIC CONTROL ADAPTIVE CONTROL **UH-34 HELICOPTER** EXPLORER 16 SATELLITE EXPLORER 19 SATELLITE EXPLORER 20 SATELLITE SELF ADAPTIVE CONTROL SYSTEMS ACTIVE CONTROL SEAPLANES EXPLORER 22 SATELLITE WATER TAKEOFF AND LANDING ADAPTIVE OPTICS AUTOMATA THEORY

AIRCRAFT

SEAPLANES

AUTONOMY

EXPLORER 23 SATELLITE EXPLORER 24 SATELLITE

#### SERVICE MODULES

SENSITIVITY-(CONT.)
. LIGHT ADAPTATION
. PHOTOTROPISM
. PROPELLANT SENSITIVITY
. RADIATION TOLERANCE SEPARATION-(CONT.)

ELECTROSTATIC PRECIPITATORS

ELIMINATION SELF ADAPTIVE CONTROL SYSTEMS-(CONT.) ∞ CONTROL ∞ SYSTEMS ELUTION EVAPORATION EXCHANGING SELF ALIGNMENT
GS ALIGNMENT SENSITOMETRY EXCLUSION SPECTRAL SENSITIVITY ALIGNMENT
SELF ALIGNMENT
SELF ALIGNMENT
ACTIVE CONTROL
ADAPTIVE CONTROL
LANDING GEAR
ACTIVE CONTROL
ANDING GEAR EXTERNAL STORE SEPARATION RT ACUITY EXTRACTION ADAPTATION FILTRATION AMPLIFICATION AUDITORY PERCEPTION RT FLAKING FLASHING (VAPORIZING) DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FREQUENCY RESPONSE FLOTATION MODEL REFERENCE ADAPTIVE FLUSHING CONTROL SERVOMECHANISMS FOAMING ITCHING PERCEPTION PRECISION FRACTIONATION FRACTURING SELF CALIBRATING OMNIRANGE
UF SCORE OMNIRANGE HOMOGENIZING RANGE (EXTREMES) ION EXCHANGING REACTION TIME ∞ RESISTANCE NAVIGATION AIDS GS BEACONS RADIO BEACONS ION STRIPPING RESOLUTION ISOLATION SENSITIZING OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIO EQUIPMENT SHOCK RESISTANCE LEACHING ∞ THRESHOLDS
THRESHOLDS (PERCEPTION) MATERIALS RECOVERY MELTING MIXING RADIO TRANSMITTERS
. RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES TOLERANCES (MECHANICS) OSMOSIS TRANSFER FUNCTIONS TRANSIENT RESPONSE PERCOLATION ... SELF CALIBRATING OMNIRANGE TRANSMITTERS PHASE SEPARATION (MATERIALS) POLARIZATION (CHARGE SEPARATION)
PRECIPITATION (CHEMISTRY) VULNERABILITY . RADIO TRANSMITTERS . RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES
. SELF CALIBRATING OMNIRANGE PURGING PURIFICATION
RADIOCHEMICAL SEPARATION SEPARATED FLOW FLOW SEPARATION RT SOLAR COMPASSES ĠS FLUID FLOW RECRYSTALLIZATION VISCOUS FLOW REFINING REMOVAL BOUNDARY LAYER FLOW SELF DEPLOYING SPACE STATIONS SELF ERECTING DEVICES SPACE STATIONS SEPARATED FLOW
BOUNDARY LAYER SEPARATION SCRAPERS SEPARATED FLOW SEPARATORS CAVITATION FLOW CONICAL FLOW CROCCO-LEE THEORY SETTLING SELF ERECTING DEVICES SHAKING FLOW CHARACTERISTICS FLOW DISTRIBUTION SHEARING ВT SIZE SEPARATION ∞ DEVICES REATTACHED FLOW **∞** EQUIPMENT SLICING REVERSED FLOW INFLATABLE SPACECRAFT SOLVENT EXTRACTION SORPTION SPACING INFLATABLE STRUCTURES SURFACE ROUGHNESS EFFECTS ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES TURBULENCE EFFECTS VORTEX FLAPS SPLITTING SPREADING STAGE SEPARATION STRIPPING (DISTILLATION) SELF INITIATED ANTIAIRCRAFT MISSILES SIAM MISSILES ∞ SEPARATION SUBLIMATION (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS SN SWIRLING SELF REGULATING THERMAL DIFFUSION AUTOMATIC CONTROL LISTED BELOW) THERMOPHORESIS SEGREGATION TUMBLING MOTION ADSORPTION SELF SEALING RT VAPORIZING AERATION SEALING GS VENTING . SELF SEALING FLIGHT SAFETY AGGLOMERATION AGITATION WASHING RT ZONE MELTING BENEFICIATION BOUNDARY LAYER SEPARATION FUEL SYSTEMS RUPTURING SERGEANT MISSILES SUPPORT SYSTEMS BREAKING MISSILES CENTRIFUGING CHEMICAL FRACTIONATION GS SURFACE TO SURFACE MISSILES . SERGEANT MISSILES SELF TESTS AUTOMATIC TEST EQUIPMENT CHIPPING JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
JUPITER C ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES CLASSIFIERS AVIONICS CLEANING CHECKOUT COAGULATION ELECTRONIC EQUIPMENT TESTS FAIL-SAFE SYSTEMS COALESCING COANDA EFFECT ~TFSTS COLLOIDS CONCENTRATING SERT (ROCKET TESTS) SEMISPAN MODELS SPACE ELECTRIC ROCKET TESTS CONDENSING MODELS GS CRYSTALLIZATION SEMISPAN MODELS SERT 1 SPACECRAFT
RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES AERODYNAMIC CONFIGURATIONS CUTTING RT DECONTAMINATION AIRCRAFT MODELS SCALE MODELS DEGASSING DEHUMIDIFICATION WIND TUNNEL MODELS ENGINE TESTS DEHYDRATION SPACE ELECTRIC ROCKET TESTS DEIONIZATION ∞ SPACECRAFT SENECA AIRCRAFT DELAMINATING PA-34 SENECA AIRCRAFT DEMINERALIZING SERT 2 SPACECRAFT DEOXYGENATION ELECTRIC PROPULSION ELECTRIC ROCKET ENGINES SENSIBILITY DEPOSITION SENSITIVITY USE **DESCALING** ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS DESORPTION DIALYSIS SENSITIVITY ∞ SPACECRAFT INSENSITIVITY DIFFUSION DISPERSING UF SENSIBILITY SENSITIVITY SERVICE MODULES DISSOLVING GS ANAPHYLAXIS
IMPACT RESISTANCE DISTILLATION SERVICE MODULES DIVERTERS SPACECRAFT COMPONENTS
SERVICE MODULES
APOLLO SPACECRAFT NOTCH SENSITIVITY DIVISION

DRYING **ELECTRODIALYSIS** 

PAIN SENSITIVITY PHOTOSENSITIVITY

RT

#### **SERVOAMPLIFIERS**

SERVICE MODULES-(CONT.) SEXTANTS-(CONT.)
. OPTICAL MEASURING INSTRUMENTS SHAFTS (MACHINE ELEMENTS)-(CONT.) COMMAND MODULES

SPACECRAFT DOCKING MODULES

SPACECRAFT MODULES ∞ LOADING SEXTANTS LOADS (FORCES) MANDRELS OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS MECHANICAL DRIVES PACKINGS (SEALS) SEXTANTS **SERVOAMPLIFIERS** NAVIGATION AIDS POSITION INDICATORS RT PINTLES SERVOAMPLIFIERS
CONTROL EQUIPMENT
SERVOAMPLIFIERS PIVOTS STADIMETERS ROTATING CYLINDERS THEODOLITES TRANSITS SPINDLES CONTROLLERS SUPPORTS SERVOMECHANISMS TORQUE . . SERVOAMPLIFIERS FEEDBACK AMPLIFIERS SH WAVES TRANSMISSIONS (MACHINE ELEMENTS) HORIZONTAL POLARIZED SHEAR WAVES HORIZONTALLY POLARIZED SHEAR RT VEHICLE WHEELS FLY BY TUBE CONTROL SERVOCONTROL WHEELS WAVES ELASTIC WAVES GS SHALLOW SHELL EQUATIONS . S WAVES SERVOCONTROL END PLATES .. SH WAVES NONDESTRUCTIVE TESTS SERVOSTABILITY CONTROL ∞ EQUATIONS AIRCRAFT HYDRAULIC SYSTEMS AUTOMATIC CONTROL RT PRESSURE VESSELS STRESS ANALYSIS SEISMIC WAVES TRANSVERSE WAVES ULTRASONIC TESTS CONTROL MOMENT GYROSCOPES
CONTROL THEORY
DIGITAL COMMAND SYSTEMS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT SHALLOW SHELLS
GS SHELLS (STRUCTURAL FORMS)
. SHALLOW SHELLS ∞ WAVES SH-3 HELICOPTER RT CRITICAL LOADING HSS-2 HELICOPTER SHELL STABILITY SHELL THEORY MANIPULATORS
MANUAL CONTROL
OFF-ON CONTROL
PNEUMATIC EQUIPMENT
PROPORTIONAL CONTROL SEA KING HELICOPTER SIKORSKY HSS-2 HELICOPTER ANTISUBMARINE WARFARE AIRCRAFT SHALLOW WATER . SH-3 HELICOPTER SIKORSKY AIRCRAFT GS WATER SHALLOW WATER REMOTE CONTROL SH-3 HELICOPTER CNOIDAL WAVES TRANSPORT AIRCRAFT . SH-3 HELICOPTER ROCKET ENGINE CONTROL SERVOAMPLIFIERS FISHERIES OCEANOGRAPHY SERVOMECHANISMS SERVOMOTORS V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT OCEANS REEFS STEPPING MOTORS
TURBOJET ENGINE CONTROL
VISUAL CONTROL . . HELICOPTERS MILITARY HELICOPTERS . SH-3 HELICOPTER SHORELINES TOPOGRAPHY S-61 HELICOPTER WATER DEPTH SERVOMECHANISMS
GS CONTROLLERS
. SERVOMECHANISMS SH-4 HELICOPTER SH-4 HELICOPTER SHAPE CONTROL SERVOAMPLIFIERS SERVOMOTORS ANTISUBMARINE WARFARE AIRCRAFT
8H-4 HELICOPTER ACTUATORS COLUMBUS SPACE STATION SIKORSKY AIRCRAFT
SH-4 HELICOPTER
TRANSPORT AIRCRAFT ACTIVE CONTROL CONTROL CONTROL THEORY
FLEXIBLE SPACECRAFT **ACTUATORS** ACTUATORS
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES

AUTOMATION LARGE SPACE STRUCTURES SPACE PLATFORMS SH-4 HELICOPTER V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT SPACECRAFT CONTROL . HELICOPTERS CONTROL MOMENT GYROSCOPES ELECTRIC MOTORS MILITARY HELICOPTERS SHARP LEADING EDGES SH-4 HELICOPTER EDGES FEEDBACK CONTROL S-61 HELICOPTER LEADING EDGES HYDRAULIC EQUIPMENT PNEUMATIC EQUIPMENT SH-3 HELICOPTER SHARP LEADING EDGES AIRFOILS RADAR EQUIPMENT REMOTE CONTROL SHACKLETON BOMBER
GS ATTACK AIRCRAFT FOREBODIES TRAILING EDGES BOMBER AIRCRAFT ROBOTS SELF ALIGNMENT SERVOCONTROL SHACKLETON BOMBER SHAWNEE HELICOPTER HAWKER SIDDELEY AIRCRAFT . SHACKLETON BOMBER USE CH-21 HELICOPTER STEPPING MOTORS ∞ SHEAR (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SHACKLETON BOMBER SERVOSTABILITY CONTROL SERVOCONTROL LISTED BELOW SHADOWGRAPH PHOTOGRAPHY SHADOWGRAPHS SPARK SHADOWGRAPH PHOTOGRAPHY DILATATIONAL WAVES RT SURFACE FEFECT SHIPS SHEARING USE SHEARS SETTLING SHADOWGRAPH PHOTOGRAPHY ACCUMULATIONS AGGLOMERATION AGITATION SCHLIEREN PHOTOGRAPHY SHEAR DISTURBANCES
USE S WAVES SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY BENEFICIATION COAGULATION SHEAR FATIGUE BLACK AND WHITE PHOTOGRAPHY COLOR PHOTOGRAPHY RT USE SHEAR STRESS COALESCING FLOW VISUALIZATION CONCENTRATING CRYSTALLIZATION SHEAR FLOW WIND TUNNEL MODELS FLUID FLOW DEPOSITION EFFLUENTS FLOCCULATING . SHEAR FLOW COAXIAL FLOW SHADOWGRAPHS SHADOWGRAPH PHOTOGRAPHY CORE FLOW FLOTATION **CREEP PROPERTIES** PARTICLE MOTION
PRECIPITATION (CHEMISTRY) SHAFTS (MACHINE ELEMENTS) ∞FLOW GRAZING FLOW ∞ PROCESSING JOURNALS (SHAFTS) KOLMOGOROFF THEORY KROOK EQUATION ∞ SEPARATION TRUNNIONS SIZE SEPARATION GS SHAFTS (MACHINE ELEMENTS)
ROTATING SHAFTS MIXING LENGTH FLOW THEORY PLASTIC FLOW STOKES LAW (FLUID MECHANICS) SUBSIDENCE . TURBOSHAFTS RICHARDSON NUMBER WATER TREATMENT AT AXES OF ROTATION STRATIFIED FLOW

BEARINGS

BUSHINGS

∞ JOURNALS

SHEAR LAYERS

CHAPMAN SHEAR LAYER

REXTANTS

GS

MEASURING INSTRUMENTS

### SHOCK SPECTRA

QUEAD	LAYERS-(CONT.)	SHIELDII	NG-(CONT.)	SHOCK	(CONT.)
RT	BOUNDARY LAYERS		BAFFLES		SHOCK RESISTANCE
	EARTH IONOSPHERE	q	BARRIERS		THERMAL SHOCK
	∞ LAYERS		BLAST DEFLECTORS	encek	ABCODRECC
	MIXING LAYERS (FLUIDS)		BLINDS DEFLECTORS		ABSORBERS     ABSORBERS
	RIBLETS		DIVERTERS	111	ABSORBERS (EQUIPMENT)
	SHOCK LAYERS SHOCK WAVE CONTROL		ENCLOSURES		CUSHIONS
	∞ TRANSITION LAYERS		FLAME DEFLECTORS		DAMPING
'	& , , , , , , , , , , , , , , , , , , ,		GUARDS (SHIELDS)		ENERGY ABSORPTION
SHEAR	PROPERTIES		HOUSINGS		HYDRAULIC EQUIPMENT
GS	MECHANICAL PROPERTIES		LININGS		IMPACT IMPACT ACCELERATION
	. SHEAR PROPERTIES		LOUVERS MANIPULATORS		ISOLATORS
	SHEAR STRENGTH		PANELS		LANDING GEAR
RT	CREEP PROPERTIES		PROTECTION		MECHANICAL SHOCK
	DUCTILITY FATIGUE (MATERIALS)		PROTECTORS		PNEUMATIC EQUIPMENT
	HOOKES LAW		SAFETY DEVICES		SILENCERS
	HYSTERESIS		SCREENS		SPRINGS (ELASTIC)
	IMPACT STRENGTH		SHADES		SUSPENSION SYSTEMS (VEHICLES)
	MODULUS OF ELASTICITY		SUPPRESSORS		VIBRATION DAMPING VIBRATION ISOLATORS
	∞ PROPERTIES		WINDOWS (APERTURES) WINDSHIELDS		VIBRATION ISOLATORS
	RESILIENCE		WINDSHIELDS	SHOCK	DIFFUSERS
	SET STRESS RELAXATION	OUISTING	G EQUILIBRIUM FLOW	USE	DIFFUSERS
	STRESS-STRAIN DIAGRAMS	GS	FLUID FLOW	001	SHOCK WAVE ATTENUATION
	STRESSES	40	. GAS FLOW		
	TEMPERATURE INVERSIONS		EQUILIBRIUM FLOW	SHOCK	DISCONTINUITY
	TOUGHNESS		SHIFTING EQUILIBRIUM FLOW	GS	DISCONTINUITY
		RT	FROZEN EQUILIBRIUM FLOW		. SHOCK DISCONTINUITY
SHEAR				RT	DENSITY DISTRIBUTION
RT	MECHANICAL PROPERTIES		AGH MISSILES		WAVE FRONTS
	STRUCTURAL STRAIN	GS	MISSILES	OLIOOK	FRONTS
	TORSIONAL VIBRATION		SURFACE TO SURFACE MISSILES	GS	WAVE FRONTS
OUEAD	STRENGTH		ANTITANK MISSILES SHILLELAGH MISSILES	GS	SHOCK FRONTS
GS	MECHANICAL PROPERTIES		Griffeed an micones	RT	∞ FRONTS
GO	. SHEAR PROPERTIES	SHIP HU	1116		MAGNETOSHEATH
	SHEAR STRENGTH	GS	HULLS (STRUCTURES)		WAVE PROPAGATION
AT	COMPRESSIVE STRENGTH	40	. SHIP HULLS		WAVE SCATTERING
	FIBER STRENGTH	RT	HYDRODYNAMIC COEFFICIENTS		
	HIGH STRENGTH		HYDRODYNAMICS		HEATING
	INTERFACIAL ENERGY		SHIPS	GS	HEATING , KINETIC HEATING
	∞STRENGTH TENSILE STRENGTH		STRUCTURAL DESIGN		AERODYNAMIC HEATING
	TENSILE STILLINGTH		SUBMARINES		SHOCK HEATING
SHEAR	STRESS	SHIPS			. TRANSIENT HEATING
UF	SHEAR FATIGUE	GS	WATER VEHICLES		SHOCK HEATING
	SHEARING STRESS	GS	. SHIPS	RT	MAGNETOHYDRODYNAMIC SHEAR
GS	STRESSES		ADVANCED RANGE		HEATING
	. SHEAR STRESS		INSTRUMENTATION SHIP		PLASMA HEATING
	TORSIONAL STRESS		AIRCRAFT CARRIERS		
RT	MECHANICAL PROPERTIES		CARGO SHIPS		LAYERS
A. 45 A.D.	WANTO		SAVANNAH NUCLEAR SHIP	RT	∞LAYERS NORMAL SHOCK WAVES
	WAVES S WAVES		TANKER SHIPS		OBLIQUE SHOCK WAVES
USE	3 WAVES		NUCLEAR POWERED SHIPS SAVANNAH NUCLEAR SHIP		SHEAR LAYERS
OUE A DI	NG STRESS		. SATELLITE COMMUNICATIONS SHIPS		STRESS WAVES
	SHEAR STRESS		. SUBMARINES		∞TRANSITION LAYERS
<b>00</b> 2			BALLISTIC MISSILE SUBMARINES		
SHELL	STABILITY		GUIDED MISSILE SUBMARINES	SHOCK	LOADS
GS	MECHANICAL PROPERTIES		TRIDENT SUBMARINE	GS	LOADS (FORCES)
	DIMENSIONAL STABILITY		SURFACE EFFECT SHIPS		. DYNAMIC LOADS
	STRUCTURAL STABILITY	RT	SWATH (SHIP) AMPHIBIOUS VEHICLES		TRANSIENT LOADS
	SHELL STABILITY STABILITY	R.I	ANTISHIP MISSILES		SHOCK LOADS
	. STATIC STABILITY		ANTISHIP WARFARE	RT	AERODYNAMIC LOADS
	. DIMENSIONAL STABILITY		BOATS	•••	AXIAL COMPRESSION LOADS
	STRUCTURAL STABILITY		HARBORS		COMPRESSION LOADS
	SHELL STABILITY		HYDROFOIL CRAFT		CONTACT LOADS
RT	BUCKLING		HYDROFOILS		CRUSTAL FRACTURES
	FLUID FILLED SHELLS		KEELS MARINE TRANSPORTATION		IMPACT LOADS
	LIQUID FILLED SHELLS ORTHOTROPIC SHELLS		MILITARY VEHICLES		LANDING LOADS SHATTER CONES
	PLASTIC SHELLS		NAVY		STRUCTURAL DESIGN CRITERIA
	REINFORCED SHELLS		OCEAN DATA ACQUISITIONS SYSTEMS		
	SHALLOW SHELLS		PROPELLERS	SHOCK	MEASURING INSTRUMENTS
			RESEARCH_VEHICLES	GS	MEASURING INSTRUMENTS
SHIELD	ING		SHIP HULLS		. SHOCK MEASURING INSTRUMENTS
GS	SHIELDING		SHIP TO SHORE COMMUNICATION SHIPYARDS	RT	ACCELEROMETERS
	. ELECTROMAGNETIC SHIELDING		SURFACE NAVIGATION		PRESSURE GAGES
	RADIO FREQUENCY SHIELDING . ELECTROSTATIC SHIELDING		SURFACE VEHICLES		SEISMOGRAPHS
	. HEAT SHIELDING		TRANSPORT VEHICLES		STRAIN GAGES
	. REENTRY SHIELDING		TRANSPORTATION ENERGY		0000 47000
	. REUSABLE HEAT SHIELDING		UNDERWATER VEHICLES		SIMULATORS
	MAGNETIC SHIELDING		∞ VESSELS	GS	SIMULATORS . SHOCK SIMULATORS
	. RADIATION SHIELDING			AT	VERTICAL MOTION SIMULATORS
	SOLAR RADIATION SHIELDING	∞ SHOCK	THE OF A MODE SPECIFIC TERM IS		VIBRATION SIMULATORS
	, SPACECRAFT SHIELDING	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS		
AT	ABLATIVE NOSE CONES		LISTED BELOW)	SHOCK	SPECTRA
	ABSORBERS (MATERIALS) ARMOR	RT	CONVULSIONS	GS	SPECTRA
	ATTENUATION	***	MECHANICAL SHOCK		. SHOCK SPECTRA
	ATTENUATORS		SHOCK (PHYSIOLOGY)	RT	DYNAMIC STRUCTURAL ANALYSIS

### **SHOCK TESTS**

SHOCK SPECTRA-(CONT.) ENERGY SPECTRA SHOCK WAVE PROFILES-(CONT.)
PRESSURE DISTRIBUTION SHORAN-(CONT.) SOLAR COMPASSES MECHANICAL SHOCK NOISE SPECTRA VELOCITY DISTRIBUTION SHORT BELFAST C MK-1 AIRCRAFT STROKING TESTS WAVE INTERACTION SC-5 AIRCRAFT STRUCTURAL DESIGN STRUCTURAL VIBRATION SHOCK WAVE PROPAGATION
GS TRANSMISSION SHORT HAUL AIRCRAFT
GS TRANSPORT AIRCRAFT . WAVE PROPAGATION
. SHOCK WAVE PROPAGATION
ATMOSPHERIC ATTENUATION SHOCK TESTS SHORT HAUL AIRCRAFT
. C-8A AUGMENTOR WING AIRCRAFT
. CESSNA 402B AIRCRAFT DROP TESTS IMPACT TESTS LOAD TESTS RT BURGER EQUATION CROCCO METHOD EUROPEAN AIRBUS
. A-300 AIRCRAFT
. A-310 AIRCRAFT RAILROAD HUMPING TESTS HIGH TEMPERATURE GASES VIBRATION TESTS NONEQUILIBRIUM RADIATION RANKINE-HUGONIOT RELATION ... A-320 AIRCRAFT .. MERCURE AIRCRAFT AIR TRANSPORTATION SECONDARY INJECTION SOUND PROPAGATION SHOCK TUBES IUBES
SHOCK WAVE GENERATORS
SHOCK TUBES
MAGNETIC ANNULAR SHOCK TUBES
SHOCK TUNNELS
GAS TEMPERATURE ∞ AIRCRAFT AIRCRAFT DESIGN TWO FLUID MODELS WAVE ATTENUATION WAVE INTERACTION AIRLINE OPERATIONS PASSENGER AIRCRAFT RT V/STOL AIRCRAFT HOTSHOT WIND TUNNELS HYPERSONIC FLOW HYPERSONIC WIND TUNNELS SHOCK WAVES BOW SHOCK WAVES SHORT RANGE BALLISTIC MISSILES ELASTIC WAVES
. SHOCK WAVES
. DETONATION WAVES GS MISSILES
BALLISTIC MISSILES HYPERVELOCITY WIND TUNNELS
LOW DENSITY RESEARCH
LOW DENSITY WIND TUNNELS SHORT RANGE BALLISTIC MISSILES MACH CONES SURFACE TO SURFACE MISSILES
. SHORT RANGE BALLISTIC MISSILES NORMAL SHOCK WAVES OBLIQUE SHOCK WAVES RIEMANN WAVES MAGNETIC PISTONS TEST FACILITIES FIELD ARMY BALLISTIC MISSILES INTERMEDIATE RANGE BALLISTIC RT TUBE LASERS ∞ TUBES SONIC BOOMS MISSILES ADIABATIC EQUATIONS AERODYNAMIC NOISE RT SHOCK TUNNELS
GS SHOCK WAVE GENERATORS
. SHOCK TUBES
. SHOCK TUNNELS
TEST FACILITIES SHORT RANGE NAVIGATION BLAST LOADS USE SHORAN BLASTS BOW WAVES CAUSTIC LINES CRUSTAL FRACTURES SHORT SC-1 AIRCRAFT WIND TUNNELS USF SC-1 AIRCRAFT DETONATION . HYPERSONIC WIND TUNNELS . . SHOCK TUNNELS EARTHQUAKE DAMAGE EARTHQUAKE RESISTANCE EARTHQUAKE RESISTANT STRUCTURES SHORT SC-5 AIRCRAFT HYPERVELOCITY WIND TUNNELS . SHOCK TUNNELS USE SC-5 AIRCRAFT CASCADE WIND TUNNELS HOTSHOT WIND TUNNELS HYPERSONIC FLOW **FARTHOUAKES** RT SHORT SC-7 AIRCRAFT ELECTROSTATIC WAVES SC-7 AIRCRAFT EXPLODING WIRES EXPLOSIONS LOW DENSITY RESEARCH LOW DENSITY WIND TUNNELS SUPERSONIC WIND TUNNELS SHORT TAKEOFF AIRCRAFT UF STOL AIRCRAFT GAS TEMPERATURE GAS TEMPERATURE
GEODYNAMICS
HUGONIOT EQUATION OF STATE
HYPERSONIC FLOW
HYPERSONIC SHOCK
HYPERSONIC WAKES V/STOL AIRCRAFT

SHORT TAKEOFF AIRCRAFT

ALADIN 2 AIRCRAFT

BREGUET 940 AIRCRAFT

BREGUET 941 AIRCRAFT

C-8A AUGMENTOR WING AIRCRAFT GS SHOCK WAVE ATTENUATION SHOCK DIFFUSERS ATTENUATION ĞS. WAVE ATTENUATION IMPLOSIONS LONGITUDINAL WAVES .. ACOUSTIC ATTENUATION ... SHOCK WAVE ATTENUATION ATMOSPHERIC ATTENUATION C-15 AIRCRAFT C-123 AIRCRAFT MACH NUMBER MACH REFLECTION DHC 4 AIRCRAFT DHC 5 AIRCRAFT QUESTOL AIRCRAFT RT NOISE REDUCTION MAGNETOHYDRODYNAMIC WAVES WAVE PROPAGATION MECHANICAL SHOCK MOLECULAR RELAXATION U-10 AIRCRAFT ∞ AIRCRAFT SHOCK WAVE CONTROL NOISE (SOUND) CIRCULATION CONTROL AIRFOILS NOVAE COMPOUND HELICOPTERS
EXTERNALLY BLOWN FLAPS
FAN IN WING AIRCRAFT
HELICOPTERS
JATO ENGINES PLANE WAVES SECONDARY INJECTION SHEAR LAYERS PLANETARY QUAKES PLASMA WAVES PLUMES SHOCK WAVE GENERATORS PLUMES
PRESSURE PULSES
SEISMIC WAVES
SOUND PRESSURE
SOUND WAVES
STRESS WAVES
SUPERSONIC FLOW
TRANSITION LAYERS
TRANSONIC FLOW
TRANSONIC FLOW
TRANSONIC FLOW SHOCK WAVE GENERATORS
. SHOCK TUBES JET AIRCRAFT JET FLAPS LIFT FANS . MAGNETIC ANNULAR SHOCK TUBES
. SHOCK TUNNELS
...GENERATORS LIFTING ROTORS ∞MILITARY AIRCRAFT POWERED LIFT AIRCRAFT MAGNETIC PISTONS PRESSURE SENSORS PULSE GENERATORS ROTARY WING AIRCRAFT SIEBEL AIRCRAFT TSUNAMI WAVES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION WAVE GENERATION ∞ SUBSONIC AIRCRAFT TAKEOFF RUNS
TILT WING AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT SHOCK WAVE INTERACTION
GS WAVE INTERACTION ∞ WAVES WEDGE FLOW SHOCK WAVE INTERACTION ∞ WINGED VEHICLES WHITHAM RULE **∞INTERACTIONS** PROPAGATION MODES ∞ SHOT **SCATTERING** SHOOTING STAR AIRCRAFT (USE OF A MORE SPECIFIC TERM IS WAVE DEGRADATION USE T-33 AIRCRAFT RECOMMENDED-CONSULT THE TERMS LISTED BELOW) SHOCK WAVE LUMINESCENCE SHORAN RT AMMUNITION **EMISSION** SHORT RANGE NAVIGATION LAUNCHING . LIGHT EMISSION GS **NAVIGATION** ORBITAL SHOTS . . LUMINESCENCE . RADIO NAVIGATION . . HYPERBOLIC NAVIGATION **PELLETS** ... SHOCK WAVE LUMINESCENCE LOW DENSITY RESEARCH WAVE INTERACTION SHOT NOISE RT SHORAN SHOT PEENING RT AIR NAVIGATION

DECCA NAVIGATION

NAVIGATION AIDS

DISTANCE MEASURING EQUIPMENT

SHRIKE MISSILE

MISSHES

. AIR TO SURFACE MISSILES

GS

SHOCK WAVE PROFILES RT KROOK EQUATION

### SINGLE EVENT UPSETS

SIMULATION-(CONT.) SHRIKE MISSILE-(CONT.)
... SHRIKE MISSILE SIDEWINDER MISSILES-(CONT.) . ANTIAIRCRAFT MISSILES GAME THEORY HEURISTIC METHODS SIDEWINDER MISSILES SOLID PROPELLANT ROCKET ENGINES HYPERVELOCITY PROJECTILES
MATHEMATICAL MODELS
MONTE CARLO METHOD SHROUDED NOZZLES SIEBEL AIRCRAFT ANNULAR NOZZLES NOZZLE GEOMETRY NOZZLE WALLS ∞ AIRCRAFT OPERATIONS RESEARCH SIMULATORS SHORT TAKEOFF AIRCRAFT SPACECRAFT CABIN SIMULATORS ∞ NOZZLES SIGNAL STABILIZATION SYSTEMS ANALYSIS GS STABILIZATION VALIDITY SHROUDED PROPELLERS SIGNAL STABILIZATION WAR GAMES DUCTED PROPELLERS FREQUENCY CONTROL TRANSMISSION CIRCUITS RT PROPELLERS GS SIMULATORS SHROUDED PROPELLERS SIMULATORS
. CONTROL SIMULATION
. ENVIRONMENT SIMULATORS ВT DUCTED FANS SIKORSKY AIRCRAFT RING WINGS SIKORSKY AIRCRAFT . CH-3 HELICOPTER . CH-34 HELICOPTER GS THRUST AUGMENTATION XV-11A AIRCRAFT LUNAR GRAVITY SIMULATOR SOLAR SIMULATORS SPACE SIMULATORS CH-54 HELICOPTER SHROUDED TURBINES H-19 HELICOPTER H-53 HELICOPTER . SPACE SIMULATORS
. HIGH VACUUM ORBITAL SIMULATOR
. LANGLEY COMPLEX COORDINATOR
LUNAR ORBIT AND LANDING
SIMULATORS
MOTION SIMULATORS
SHOCK SIMULATORS
SHUTTLE ENGINEERING SIMULATOR
SHUTTLE MISSION SIMULATOR
TARGET SIMULATOR TURBOMACHINERY . TURBINES H-56 HELICOPTER SHROUDED TURBINES H-60 HELICOPTER S-58 HELICOPTER SHUNTS S-61 HELICOPTER **BYPASSES** S-67 HELICOPTER SH-3 HELICOPTER USE CIRCUITS SH-4 HELICOPTER SIKORSKY WHIRLWIND HELICOPTER TARGET SIMULATORS
TRAINING SIMULATORS SHUTDOWNS DEACTIVATION UH-34 HELICOPTER FLIGHT SIMULATORS
COCKPIT SIMULATORS
SPACECRAFT CABIN SIMULATORS UH-60A HELICOPTER UH-61A HELICOPTER **ENGINES** ∞ SCRAM VIBRATION SIMULATORS
. VERTICAL MOTION SIMULATORS SHUTTLE BOOSTERS SPACE SHUTTLE BOOSTERS SIKORSKY HSS-2 HELICOPTER USE SH-3 HELICOPTER ANALOGS RT COMPUTER SYSTEMS SIMULATION SHUTTLE DERIVED VEHICLES DUMMIES

MISSILE SIMULATORS SIKORSKY 8-58 HELICOPTER USE S-58 HELICOPTER ADVANCED LAUNCH SYSTEM (STS) MODELS SIMULATION RT MANNED SPACECRAFT SPACE SHUTTLE ORBITERS ∞ TEST EQUIPMENT SIKORSKY S-61 HELICOPTER SPACE SHUTTLES TEST FACILITIES
TRAINING DEVICES S-61 HELICOPTER ∞ SPACECRAFT SPACECRAFT DESIGN SIKORSKY S-64 HELICOPTER USE CH-54 HELICOPTER SINGLE ENGINE AIRCRAFT
GS SINGLE ENGINE AIRCRAFT SHUTTLE ORBITERS SPACE SHUTTLE ORBITERS USE CESSNA 172 AIRCRAFT CESSNA 205 AIRCRAFT CESSNA 210 AIRCRAFT SIKORSKY S-65 HELICOPTER H-53 HELICOPTER SIAM MISSILES SELF INITIATED ANTIAIRCRAFT MISSILES F-8 AIRCRAFT SIKORSKY S-67 HELICOPTER GS. MISSILES . ANTIAIRCRAFT MISSILES F-9 AIRCRAFT F-16 AIRCRAFT SIAM MISSILES SIKORSKY WHIRLWIND HELICOPTER
GS SIKORSKY AIRCRAFT
. SIKORSKY WHIRLWIND HELICOPTER
V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT F-84 AIRCRAFT AIR TO AIR MISSILES
ANTIMISSILE MISSILES RT F-86 AIRCRAFT F-94 AIRCRAFT F-100 AIRCRAFT SIDE INLETS F-101 AIRCRAFT F-102 AIRCRAFT INTAKE SYSTEMS HELICOPTERS
MILITARY HELICOPTERS F-104 AIRCRAFT AIR INTAKES SIKORSKY WHIRLWIND HELICOPTER F-105 AIRCRAFT F-106 AIRCRAFT BYPASS RATIO HYPERSONIC INLETS JAGUAR AIRCRAFT
JET PROVOST AIRCRAFT ∞ AIRCRAFT RT INLET AIRFRAME CONFIGURATIONS NOSE INLETS L-29 JET TRAINER SIMULATED ALTITUDE
USE ALTITUDE SIMULATION MIG AIRCRAFT SUPERSONIC INLETS

WATER INTAKES MIRAGE AIRCRAFT . MIRAGE 3 AIRCRAFT P-51 AIRCRAFT SIMULATION SIMULATION P-1127 AIRCRAFT P-1154 AIRCRAFT T-2 AIRCRAFT SIDE-LOOKING RADAR COMPUTER SYSTEMS SIMULATION RADAR . SYNTHETIC APERTURE RADAR COMPUTERIZED SIMULATION COMPOTERIZED SIMULATION

ANALOG SIMULATION

DIGITAL SIMULATION

CONTROL SIMULATION

ENVIRONMENT SIMULATION

ACCUSTIC SIMULATION SIDE-LOOKING RADAR T-28 AIRCRAFT CHANGE DETECTION IMAGING RADAR T-33 AIRCRAFT VAMPIRE MK 35 AIRCRAFT RT RADAR IMAGERY RADAR SCANNING SEARCH RADAR . VJ-101 AIRCRAFT . YF-16 AIRCRAFT . AIRCRAFT ALTITUDE SIMULATION
SPACE ENVIRONMENT SIMULATION
. WEIGHTLESSNESS SIMULATION FIGHTER AIRCRAFT ... NEUTRAL BUOYANCY SIMULATION
. THERMAL SIMULATION
. THERMAL SIMULATION
EXHAUST FLOW SIMULATION
.ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION GENERAL AVIATION AIRCRAFT SIDESLIP MANEUVERS GS SIDESLIP SINGLE EVENT UPSETS
GS RADIATION EFFECTS
. SINGLE EVENT UPSETS RT ROLL SKIDDING LANDING SIMULATION **ASTRIONICS** RT SPACECRAFT MOTION MOTION SIMULATION
RHEOELECTRICAL SIMULATION AVIONICS YAW CHARGED PARTICLES SOLAR SIMULATION SYSTEMS SIMULATION COSMIC RAYS
ELECTRON-HOLE DROPS SIDEWASH USE BACKWASH INNER RADIATION BELT RT ANALOGIES BIONICS BOND GRAPHS IONIZATION MICROELECTRONICS SIDEWINDER MISSILES DATA PROCESSING EQUIPMENT RADIATION DAMAGE MISSILES GS

DATA SIMULATION

DECEPTION

AIR TO AIR MISSILES

SIDEWINDER MISSILES

RADIATION DOSAGE

SATELLITE-BORNE INSTRUMENTS

### SINGLE STAGE ROCKET VEHICLES

SINGLE EVENT UPSETS-(CONT.)
SECONDARY COSMIC RAYS
SPACECRAFT CHARGING SIRENS-(CONT.) SKIN FRICTION-(CONT.) SOUND GENERATORS GS FRICTION . SKIN FRICTION
. . FRICTION DRAG
. . . AERODYNAMIC DRAG SOUND INTENSITY SOUND TRANSMISSION SPACECRAFT ELECTRONIC EQUIPMENT WARNING SYSTEMS SINGLE STAGE ROCKET VEHICLES . SUPERSONIC DRAG VISCOUS DRAG SITE DATA PROCESSORS

UF SDP (COMPUTERS)

GS DATA PROCESSING EQUIPMENT ROCKET VEHICLES AERODYNAMIC HEATING SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES DRAG AGENA A ROCKET VEHICLE AGENA B ROCKET VEHICLE AGENA C ROCKET VEHICLE . COMPUTERS
... SITE DATA PROCESSORS
APOLLO PROJECT DRAG DEVICES FLOW RESISTANCE AGENA D ROCKET VEHICLE ARCAS ROCKET VEHICLES BLACK BRANT SOUNDING ROCKETS FRICTION FACTOR ∞DATA DATA LINKS RIBLETS STREAMLINING DATA PROCESSING BLACK BRANT 1 SOUNDING ROCKET SITE SELECTION SKIN RESISTANCE BLACK BRANT 2 SOUNDING SELECTION **ELECTRICAL PROPERTIES** GS GS ROCKET
... BLACK BRANT 3 SOUNDING SITE SELECTION . ELECTRICAL IMPEDANCE AIRPORTS . . ELECTRICAL RESISTANCE ROCKET CERTIFICATION BLACK BRANT 4 SOUNDING ∞ FACILITIES IMPEDANCE INDUSTRIAL AREAS ROCKET ELECTRICAL IMPEDANCE BLACK BRANT 5 SOUNDING LAND USE . ELECTRICAL RESISTANCE ROCKET
.. BLACK KNIGHT ROCKET VEHICLE FASING ... SKIN RESISTANCE 

RESISTANCE LOGISTICS . . DORNIER PARAGLIDER ROCKET OPTIONS 8KIN TEMPERATURE (NON-BIOLOGICAL)
GS SURFACE PROPERTIES
. SURFACE TEMPERATURE
. SKIN TEMPERATURE
(NON-BIOLOGICAL) VEHICLE RESOURCES GENIE ROCKET VEHICLE ROADS HONEST JOHN ROCKET VEHICLE
HYLA-STAR ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE
LOKI ROCKET VEHICLE
LOKI ROCKET VEHICLE
NOMAD LAUNCH VEHICLE ROUTES SITES TERMINAL FACILITIES **TEMPERATURE** TRANSPORTATION TEMPERATURE
. SURFACE TEMPERATURE
. SKIN TEMPERATURE
(NON-BIOLOGICAL)
AERODYNAMIC HEATING
AEROTHERMODYNAMICS VERONIQUE ROCKET VEHICLES UTILITIES VIKING ROCKET VEHICLE ZUNI ROCKET VEHICLE SITES MAULER MISSILE ROCKET ENGINES RT TRACTS GS ∞ VEHICLES . ARIZONA REGIONAL ECOLOGICAL SKIRTS TEST SITE CENTRAL ATLANTIC REGIONAL ECOL TEST SITE **AFTERBODIES** SINGLE STAGE TO ORBIT VEHICLES

GS LAUNCH VEHICLES BOATTAILS CONICAL NOZZLES . REUSABLE LAUNCH VEHICLES . LANDING SITES **EXHAUST NOZZLES** ... SINGLE STAGE TO ORBIT VEHICLES
... HOTOL LAUNCH VEHICLE . . LUNAR LANDING SITES . LAUNCHING SITES **FOUNDATIONS** MJET NOZZLES NASA PROGRAMS . LAUNCHING PADS RT ROCKET NOZZLES . OFFSHORE REACTOR SITES AIRPORT PLANNING SPACE SHUTTLES SPACE TRANSPORTATION ∞ VEHICLES **SKIS** BARREN LAND **HYDROFOILS** X-30 VEHICLE ∞ FACILITIES HYDROPLANES (SURFACES) LAND LANDING GEAR SINGLE-PHASE FLOW ∞ PLOTS ONE-PHASE FLOW UNIPHASE FLOW POSITION (LOCATION) REGIONS SKUA ROCKET VEHICLES RURAL LAND USE FLUID FLOW GS ROCKET VEHICLES GS SITE SELECTION . SOUNDING ROCKETS . SINGLE-PHASE FLOW CRITICAL FLOW .. SKUA ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES RΤ GAS FLOW LAMINAR FLOW SKID LANDINGS ∞ VEHICLES LANDING LIQUID FLOW . AIRCRAFT LANDING ... SKID LANDINGS AIR CUSHION LANDING SYSTEMS MASS FLOW SKYBOLT MISSILE MULTIPHASE FLOW RT MISSILES ORIFICE FLOW CRASH LANDING BALLISTIC MISSILES PIPE FLOW STEADY FLOW . . SKYBOLT MISSILE
SOLID PROPELLANT ROCKET ENGINES HYDROPLANING SKIDDING RT STEAM FLOW SUBCRITICAL FLOW SKIDDING SKYCRANE HELICOPTER
USE CH-54 HELICOPTER SUPERCRITICAL FLOW HYDROPLANING TURBULENT FLOW LANDING GEAR TWO PHASE FLOW SIDESLIP SKYDROL (TRADEMARK) UNIFORM FLOW SKID LANDINGS LIQUIDS LINSTEADY FLOW SLEDS . HYDRAULIC FLUIDS YAW . SKYDROL (TRADEMARK) SIOUX HELICOPTER ESTERS OH-13 HELICOPTER SKIN (STRUCTURAL MEMBER) PHOSPHATES MEMBRANES PLASTICIZERS SIPHONING MEMBRANE STRUCTURES
SKIN (STRUCTURAL MEMBER) ∞FLUIDS .. SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
.. MEMBRANE STRUCTURES
.. SKIN (STRUCTURAL MEMBER)
AIRCRAFT CONSTRUCTION MATERIALS
CONSTRUCTION MATERIALS
HULLS (STRUCTURES)
METAL SUBJECT S SKYHAWK AIRCRAFT SIPHONS A-4 AIRCRAFT THERMOSIPHONS SKYHOOK BALLOONS
GS EXPANDABLE STRUCTURES SIPHONS MATERIALS HANDLING . INFLATABLE STRUCTURES PIPEL INES METAL SHELLS SHELLS (STRUCTURAL FORMS) BALLOONS . HIGH ALTITUDE BALLOONS PIPES (TUBES) PUMPS SIPHONING STRESSED-SKIN STRUCTURES SKYHOOK BALLOONS ∞ TUBES THIN WALLED SHELLS RT HIGH ALTITUDE
METEOROLOGICAL BALLOONS THIN WALLS TOROIDAL SHELLS ROBIN BALLOONS SIRENS WEBS (SUPPORTS) ROCKOONS HORNS NOISE INTENSITY SKYLARK USE SKYLARK ROCKET VEHICLE

SKIN FRICTION

FRICTION PRESSURE DROP

SIGNAL GENERATORS

~SIGNALS

### SOFTENING

UF	ROCKET VEHICLE SKYLARK		FRICTION-(CONT.)  SLIDING CONTACT STATIC FRICTION	SLV USE	STANDARD LAUNCH VEHICLES
	ROCKET VEHICLES  MULTISTAGE ROCKET VEHICLES  SKYLARK ROCKET VEHICLE  SOUNDING ROCKETS		WEAR RESISTANCE	SM-65 M USE	ATLAS LAUNCH VEHICLES
	SKYLARK ROCKET VEHICLE SOLID PROPELLANT ROCKET ENGINES	∞ <b>SLIP</b> SN	(USE OF A MORE SPECIFIC TERM IS	SM-68 M	ISSILE TITAN 1 ICBM
	TER AIRCRAFT C-54 AIRCRAFT	RT	RECOMMENDED—CONSULT THE TERMS LISTED BELOW) PLASTIC DEFORMATION	SM-68B USE	MISSILE TITAN 2 ICBM
	ER AIRCRAFT A-1 AIRCRAFT		POLYSLIPS SIDESLIP SLIDING	SMALL F GS	PERTURBATION FLOW FLUID FLOW . SMALL PERTURBATION FLOW
	KET AIRCRAFT D-558 AIRCRAFT	SLIP FLO	(LIMITED TO PIAREFIED GAS FLOW IN	RT	FLOW DISTORTION OSCILLATING FLOW
	AK AIRCRAFT D-558 AIRCRAFT		THE REGION BETWEEN KNUDSEN NUMBERS 0.01 AND 0.1 ONLY-EXCLUDES TRANSITION FLOW, FREE MOLECULE FLOW CREEP, SHEAR	SMOG RT	AIR POLLUTION AIR SAMPLING
	AIRCRAFT SC-7 AIRCRAFT	GS	FLOW, AND PLASTIC FLOW) FLUID FLOW . GAS FLOW		CARBON MONOXIDE COMBUSTION PRODUCTS ENVIRONMENTAL CHEMISTRY EXHAUST GASES
	RIOR AIRCRAFT A-3 AIRCRAFT	RT	. MOLECULAR FLOW SLIP FLOW CONTINUUM FLOW		FLAMES FOG HYDROCARBON COMBUSTION
SLAGS RT	AGGREGATES REACTION PRODUCTS WASTES		FREE MOLECULAR FLOW LOW DENSITY WIND TUNNELS RAREFIED GAS DYNAMICS TRANSITION FLOW		HYDROCARBON POISONING LEAD POISONING PARTICULATES SMOKE
SLAM USE	SUPERSONIC LOW ALTITUDE MISSILE	<b>SLIPSTF</b> GS	WAKES . AIRCRAFT WAKES	SMOKE GS	MIXTURES . DISPERSIONS
SLANT USE	SLOPES		. SLIPSTREAMS PROPELLER SLIPSTREAMS . TURBULENT WAKES	RT	PLASTISOLS SMOKE AEROSOLS
SLASHES USE	CLEARINGS (OPENINGS)	RT	. SLIPSTREAMS PROPELLER SLIPSTREAMS BACKWASH STROUHAL NUMBER		AIR POLLUTION COMBUSTION PRODUCTS DUST CYMBUST GASES
SLEDS GS	SURFACE VEHICLES . SLEDS		TURBULENCE		EXHAUST GASES FIRE DAMAGE FOG
RT	. ROCKET PROPELLED SLEDS DOLLIES SKIDDING TOWED BODIES TRACTORS TRAILERS	SLITS GS RT	OPENINGS . SLITS APERTURES FRESNEL REFLECTORS SLOTS		FOREST FIRES FUMES HAZE DETECTION  MARKERS PARTICULATES SMOG
SLENDE	R BODIES	SLOPES	<b>3</b>		SOOT VAPORS
GS	SLENDER BODIES . SLENDER CONES	UF	CANT SLANT		VISIBILITY
RT	AERODYNAMIC CONFIGURATIONS		STEEPNESS	CHOVE	TRAILS
c	AERODYNAMICS AXISYMMETRIC BODIES BODIES DUCTED BODIES	GS RT	SLOPES . GLIDE PATHS ANGLES (GEOMETRY) CLIFFS		TRACKS  ∞ TRACKS  WIND DIRECTION  WIND MEASUREMENT  WIND PROFILES
	FINENESS RATIO MISSILE BODIES STREAMLINED BODIES SYMMETRICAL BODIES THIN BODIES		ESCARPMENTS  ∞ GRADE  GRADIENTS  HEIGHT  ∞ INCLINATION	SNAKIN USE	
SLENDE	R CONES CONES		LANDSLIDES LEVEL (HORIZONTAL)		AERIAL APPLICATOR AIRCRAFT S-28 S-2 AIRCRAFT
GS	. CONICAL BODIES . SLENDER CONES SLENDER BODIES SLENDER CONES		PITCH (INCLINATION)  PROFILES  RAKES  RAMP FUNCTIONS	GS	AIRCRAFT SNOW AIRCRAFT . S-2 AIRCRAFT  ∞AIRCRAFT
	SYMMETRICAL BODIES . BODIES OF REVOLUTION CONICAL BODIES		RAMPS (STRUCTURES) TOPOGRAPHY		UTILITY AIRCRAFT S-2 AIRCRAFT
RT	SLENDER CONES AERODYNAMIC CONFIGURATIONS AXISYMMETRIC BODIES	SLOSH USE		USE	S-2 AIRCRAFT
SI EMPE	R WINGS	SLOTS		AT	CLIMBING FLIGHT
UF GS	HIGH ASPECT RATIO WINGS AIRFOILS . WINGS	GS RT	SLOTS . WING SLOTS LIFT DEVICES LOUVERS		COASTING FLIGHT ∞FLIGHT GLIDERS GLIDING
RT	. SLENDER WINGS INFINITE SPAN WINGS FIXED WINGS WING PLANFORMS		OPENINGS SLITS		HANG GLIDERS HORIZONTAL FLIGHT MAN POWERED AIRCRAFT VERTICAL AIR CURRENTS
			ED WIND TUNNELS		VENTIONE AIR CORRESTO
<b>SLIDIN</b> GS	FRICTION FRICTION KINETIC FRICTION	GS	TEST FACILITIES . WIND TUNNELS . SLOTTED WIND TUNNELS	SOFTE SN	(EXCLUDES WATER SOFTENING)
RT	SLIDING FRICTION COEFFICIENT OF FRICTION DRY FRICTION ELECTRIC CONTACTS	RT	SUPERSONIC WIND TUNNELS TRANSONIC WIND TUNNELS TRISONIC WIND TUNNELS VENTS	GS AT	SOFTENING . WORK SOFTENING ANNEALING DEIONIZATION

**SOLAR AZIMUTH** SOLENOID VALVES-(CONT.)

ELECTRIC CONTROL

©ELECTRIC EQUIPMENT SOFTENING-(CONT.)
DEMINERALIZING SONIC ANEMOMETERS-(CONT.)
... SONIC ANEMOMETERS DIGESTING ACOUSTICS ELECTRIC RELAYS DISSOLVING FLOWMETERS
HOT-FILM ANEMOMETERS
VELOCITY MEASUREMENT HARDENING (MATERIALS) ION EXCHANGING **ELECTRIC SWITCHES** HYDRAULIC CONTROL OFF-ON CONTROL SOLENOIDS SOLAR AZIMUTH SONIC BOOMS

GS ELASTIC WAVES **AZIMUTH** SOLAR POSITION **SOLID CRYOGEN COOLING** SHOCK WAVES SOUND WAVES SOLID CRYOGEN COOLING **SOLAR COMPASSES** MEASURING INSTRUMENTS RT CRYOGENIC FLUIDS NOISE (SOUND) CRYOGENICS . INDICATING INSTRUMENTS . . COMPASSES . AIRCRAFT NOISE LIQUEFIED GASES ... SOLAR COMPASSES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS ACOUSTIC VELOCITY SOLID CRYOGENS AERODYNAMIC NOISE GASES ∞ BOOM . COMPASSES
. SOLAR COMPASSES
AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT SAFETY SOLIDIFIED GASES CAUSTIC LINES JET AIRCRAFT NOISE SUPERSONIC FLIGHT SOLID NITROGEN SOLIDS TRANSONIC FLIGHT SOLIDIFIED GASES AIRPORT BEACONS SOLID CRYOGENS
. SOLID NITROGEN ALL-WEATHER AIR NAVIGATION APPROACH INDICATORS USE TRANSONIC FLOW COOLING SYSTEMS AUTOMATIC FLIGHT CONTROL CRYOGENIC EQUIPMENT SOOT CRYOGENICS **AUTOMATIC PILOTS** GS **PARTICLES** LIQUID NITROGEN BEACONS . PARTICULATES DECCA NAVIGATION
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT SOOT SOLID PROPELLANT IGNITION
GS COMBUSTION AIR POLLUTION CARBON COMBUSTION PRODUCTS FLIGHT CONTROL FLIGHT INSTRUMENTS . PROPELLANT COMBUSTION SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION FIRE DAMAGE FLIGHT PATHS SMOKE SMOKE ABATEMENT **GYROCOMPASSES** HELIPORTS SOLID PROPELLANT IGNITION HOMING DEVICES HYBRID PROPELLANTS SORET COEFFICIENT HYPERGOLIC ROCKET PROPELLANTS LORAN COEFFICIENTS IGNITERS MAGNETIC COMPASSES
OMNIDIRECTIONAL RADIO RANGES IGNITION TEMPERATURE DIFFUSION COEFFICIENT
SORET COEFFICIENT INHIBITORS
METAL COMBUSTION POSITION INDICATORS TRANSPORT PROPERTIES
DIFFUSION COEFFICIENT RADAR BEACONS PYROPHORIC MATERIALS RADIO BEACONS SORET COEFFICIENT SOUIBS RADIO NAVIGATION SELF CALIBRATING OMNIRANGE AT LIQUID FLOW THERMAL DIFFUSION SOLID ROCKET BOOSTERS (SPACE SHUTTLE)
USE SPACE SHUTTLE BOOSTERS SHORAN SUN SOUND TACAN ACOUSTICS USE SOLID ROTATION VHF OMNIRANGE NAVIGATION **ROTATING BODIES** WEATHER **SOUND-SOUND INTERACTIONS SOLIDS FLOW** SOLAR LONGITUDE LONGITUDE GS FLUID FLOW INTERMODULATION SOLIDS FLOW . SOLAR LONGITUDE
ASTRONOMICAL COORDINATES WAVE DISPERSION RT ∞FLOW FLOW MEASUREMENT CELESTIAL REFERENCE SYSTEMS SPACE ELECTRIC ROCKET TESTS
UF SERT (ROCKET TESTS) FLOW THEORY MASS FLOW ENGINE TESTS
. SPACE ELECTRIC ROCKET TESTS
ELECTRIC ROCKET ENGINES GS MULTIPHASE FLOW **SOLAR POWERED AIRCRAFT** PARTICLE SIZE DISTRIBUTION ∞ AIRCRAFT STEADY FLOW SOLAR CELLS FLIGHT TESTS TWO PHASE FLOW SOLAR ELECTRIC PROPULSION GROUND TESTS UNIFORM FLOW SOLAR PROPULSION SERT 1 SPACECRAFT UNSTEADY FLOW SUN SERT 2 SPACECRAFT ∞ TESTS SOMMERFELD APPROXIMATION
GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . APPROXIMATION SOLAR PROPULSION **PROPULSION** SPACE GLIDERS . LOW THRUST PROPULSION USE LIFTING REENTRY VEHICLES SOLAR PROPULSION

SOLAR ELECTRIC PROPULSION

SOLAR THERMAL PROPULSION SOMMERFELD APPROXIMATION
ANTENNA RADIATION PATTERNS
DIRECTIONAL ANTENNAS SPACE SCIENCES RT USE **AEROSPACE SCIENCES** SPACECRAFT PROPULSION SOLAR PROPULSION ELECTROMAGNETIC FIELDS RADIO TRANSMISSION SPACE SHUTTLE ASCENT STAGE SOLAR ELECTRIC PROPULSION
SOLAR THERMAL PROPULSION
SOLAR POWERED AIRCRAFT

### SOLAR

RT

SENSORS
SUN SENSORS ATTITUDE CONTROL GUIDANCE SENSORS IRIS SATELLITES NAVIGATION AIDS NAVIGATION INSTRUMENTS STAR TRACKERS SUN TRACKING (POSITION)

SOLENOID VALVES GS **VALVES** 

SOLENOID VALVES AUTOMATIC CONTROL VALVES RT

SONAR

SONAR GS

> SONOBUOYS DISTANCE MEASURING EQUIPMENT ECHO SOUNDING ECHO SUPPRESSORS HYDROPHONES LOFAR NAVIGATION AIDS NAYIGATION AIDS
> SOUND LOCALIZATION
> SOUND RANGING
> ULTRASONIC WAVE TRANSDUCERS
> UNDERWATER ACOUSTICS
> UNDERWATER COMMUNICATION

SONIC ANEMOMETERS

MEASURING INSTRUMENTS GS **ANEMOMETERS** 

SPACECRAFT CONFIGURATIONS
SPACE SHUTTLE ASCENT STAGE
ADVANCED SOLID ROCKET MOTOR GS

ASCENT PROPULSION SYSTEMS EXTERNAL TANKS SPACE SHUTTLE BOOSTERS
SPACE SHUTTLE ORBITERS
SPACE SHUTTLE UPPER STAGES

SPACE SHUTTLES STAGE SEPARATION

SPACE SHUTTLE BOOSTERS

GS

SHUTTLE BOOSTERS
SOLID ROCKET BOOSTERS (SPACE SPACE SHUTTLE SOLID ROCKET MOTORS SRB (SOLID ROCKET BOOSTERS) **ENGINES** 

		CONT	SPACECRAFT LAUNCHING-(CONT.)
	HUTTLE BOOSTERS-(CONT.)	SPACE SHUTTLES-(CONT.) INTRAORBIT TRANSFER VEHICLES	MISSILES
SPACE 8		LIRTS (TELESCOPE)	ORBITAL LAUNCHING ORBITAL SHOTS
	POOSTER ROCKET ENGINES	AAAAAED SDACE ELIGHT	POSTLAUNCH REPORTS
	SPACE SHUTTLE BOOSTERS ADVANCED SOLID ROCKET	ORBIT MANEUVERING ENGINE (SPACE	PRELAUNCH SUMMARIES
	MOTOR (STS)	SHUTTLE) ORBIT TRANSFER VEHICLES	DAILGLIN ACCELERATORS
	SOLID PROPELLANT ROCKET	ORBIT HANSFER VEHICLES	REUSABLE LAUNCH VEHICLES ROCKET LAUNCHING
	ENGINES	AND COMPANY	SPACE COMMERCIALIZATION
	SPACE SHUTTLE BOOSTERS ADVANCED SOLID ROCKET	PAYLOAD DEPLOYMENT & HETHIEVAL	G. 7.02 0 =
	MOTOR (STS)	SYSTEM PAYLOAD RETRIEVAL (STS)	SPACECRAFT MOTION
RT o	BOOSTERS	SAIL PROJECT	en (MONTRAJECTORY MUTION)
	MANNED SPACECRAFT	CHITTIE DERIVED VEHICLES	RT AERODYNAMIC BALANCE AERODYNAMIC STABILITY
	O RING SEALS REUSABLE SPACECRAFT	CHITTIF ENGINEERING SIMULATOR	ATTITUDE STABILITY
	SPACE SHUTTLE ASCENT STAGE	SHUTTLE PALLET SATELLITES SINGLE STAGE TO ORBIT VEHICLES	BUFFETING
		CODTIE SYSTEMS	CONTROL STABILITY
SPACE	SHUTTLE ORBITER 099	CDACE SHITTLE ASCENT STAGE	DYNAMIC STABILITY FLEXIBLE SPACECRAFT
USE	CHALLENGER (ORBITER)	SPACE TRANSPORTATION SYSTEM SPACE TRANSPORTATION SYSTEM	FLUTTER
	OWNER CORPUTER 101	SPACE THANSPORTATION STATEM FLIGHTS	∞ MOTION
SPACE	SHUTTLE ORBITER 101 ENTERPRISE (ORBITER)	SPACECRAFT	MOTION STABILITY
-		SPACECRAFT RECOVERY	OSCILLATIONS SIDESLIP
SPACE	SHUTTLE ORBITER 102	SPACELAB	STABILITY
USE	COLUMBIA (ORBITER)		TUMBLING MOTION
	SHUTTLE ORBITER 103	SPACE SYSTEMS ENGINEERING USE AEROSPACE ENGINEERING	VIBRATION
SPACE	DISCOVERY (ORBITER)	USE AEROSPACE ENGINEERING	SPACECRAFT ORBITAL ASSEMBLY
		SPACE WEAPONS	USE ORBITAL ASSEMBLY
SPACE	SHUTTLE ORBITER 104	GS WEAPONS	GGC GHEMINE
USE	ATLANTIS (ORBITER)	SPACE WEAPONS	SPACECRAFT REENTRY
	OWNERS CORRECTEDS	RT AIR TO AIR MISSILES ANTIMISSILE MISSILES	GS ATMOSPHERIC ENTRY
SPACE UF	SHUTTLE ORBITERS SHUTTLE ORBITERS	CHAPARRAL MISSILE	. REENTRY SPACECRAFT REENTRY
GS	MANNED SPACECRAFT	LASER WEAPONS	UNCONTROLLED REENTRY
	SPACE SHUTTLE ORBITERS	MINUTEMAN ICBM	(SPACECRAFT)
	ATLANTIS (ORBITER) CHALLENGER (ORBITER)	NUCLEAR WEAPONS SURFACE TO AIR MISSILES	RT EARTH-VENUS TRAJECTORIES
	COLUMBIA (ORBITER)	WEAPON SYSTEMS	ENTRY GUIDANCE (STS) FLIGHT MECHANICS
	DISCOVERY (ORBITER)	WEAPONS DELIVERY	HYPERSONIC REENTRY
	ENDEAVOUR (ORBITEH)		LIFTING REENTRY VEHICLES
	ENTERPRISE (ORBITER)	SPACECRAFT BREAKUP	MANNED REENTRY RETURN TO EARTH SPACE FLIGHT
	REENTRY VEHICLES RECOVERABLE SPACECRAFT	UF BREAKUP (SPACECRAFT)	SATELLITE LIFETIME
	DELISABLE SPACECRAFT	ORBITAL BREAKUP REENTRY BREAKUP	SPACECRAFT BREAKUP
	SPACE SHUTTLE ORBITERS	SATELLITE BREAKUP	
	ATLANTIS (ORBITER) CHALLENGER (ORBITER)	SATELLITE FRAGMENTATION	SPACECRAFT STABILITY
	COLUMBIA (ORBITER)	RT ATMOSPHERIC ENTRY	UF SATELLITE ATTITUDE DISTURBANCE GS DYNAMIC CHARACTERISTICS
	DISCOVERY (ORBITER)	DESTRUCTION HAZARDS	GS DYNAMIC CHARACTERISTICS . DYNAMIC STABILITY
	ENDEAVOUR (ORBITER)	METEOROID HAZARDS	MOTION STABILITY
	ENTERPRISE (ORBITER) INERTIAL UPPER STAGE	ORBIT DECAY	SPACECRAFT STABILITY
RT	MANNED SPACE FLIGHT	REENTRY EFFECTS	STABILITY . DYNAMIC STABILITY
	MICROWAVE SCANNING BEAM LANDING	SPACE DEBRIS SPACECRAFT REENTRY	MOTION STABILITY
	SYSTEM	SPACECRAFT SURVIVABILITY	SPACECRAFT STABILITY
	PAYLOAD INTEGRATION PLAN SHUTTLE DERIVED VEHICLES	UNCONTROLLED REENTRY	RT AERODYNAMIC BALANCE
	SPACE SHUTTLE ASCENT STAGE	(SPACECRAFT)	AERODYNAMIC STABILITY ATTITUDE STABILITY
	SPACE TRANSPORTATION SYSTEM	WRECKAGE	BUFFETING
	SPACECRAFT RECOVERY TERMINAL AREA ENERGY MANAGEMENT	RPACECRAFT DESIGN	CONTROL STABILITY
	TERMINAL AHEA ENERGY MAINAGEMENT	GS SPACECRAFT DESIGN	COUNTERBALANCES
ODA(	E SHUTTLE SOLID ROCKET MOTORS	. IPAD . SATELLITE DESIGN	DIRECTIONAL STABILITY DISCOS (SATELLITE ATTITUDE
USE	SPACE SHUTTLE BOOSTERS	RT ADVANCED LAUNCH SYSTEM (STS)	CONTROL)
-		COMPUTER AIDED DESIGN	DUAL SPIN SPACECRAFT
	CE SHUTTLES	∞ DESiGN	LATERAL STABILITY
GS	MANNED SPACECRAFT SPACE SHUTTLES	ENGINE DESIGN HERMES MANNED SPACEPLANE	LIQUID SLOSHING LONGITUDINAL STABILITY
	DUDAN SPACE SHUTTLE	INDIAN SPACE PROGRAM	LOW SPEED STABILITY
	HERMES MANNED SPACEPLANE	JAPANESE SPACE PROGRAM	NUTATION DAMPERS
	REENTRY VEHICLES	LOFTING	SATELLITE PERTURBATION
	. RECOVERABLE SPACECRAFT . REUSABLE SPACECRAFT	PRODUCT DEVELOPMENT SATELLITE TEMPERATURE	TUMBLING MOTION WIND TUNNEL STABILITY TESTS
	RPACE SHUTTLES	SHUTTLE DERIVED VEHICLES	MIND TOTALES OF THE
	DURAN SPACE SHUTTLE	CDACE DERRIS	SPACECRAFT STRUCTURES
	HERMES MANNED SPACEPLANE ADVANCED LAUNCH SYSTEM (STS)	SPACECRAFT TEMPERATURE	RT AIRCRAFT STRUCTURES
AT	AEDC	STRUCTURAL DESIGN SYSTEMS ENGINEERING	FOLDING STRUCTURES
	AEROMANEUVERING ORBIT TO ORBIT	TRANSATMOSPHERIC VEHICLES	FUEL TANKS LARGE SPACE STRUCTURES
	SHUTTI F	WEIGHT REDUCTION	METEOROID PROTECTION
	ANNULAR SUSPENSION AND POINTING		ORBITAL ASSEMBLY
	SYSTEM APPROACH AND LANDING TESTS (STS)	SPACECRAFT LAUNCHING	ROCKET ENGINES
	ASSESS PROGRAM	UF SATELLITE LAUNCHING GS LAUNCHING	SATELLITE DESIGN SMART STRUCTURES
	AUXILIARY PROPULSION	SPACECRAFT LAUNCHING	SPACE ERECTABLE STRUCTURES
	BESS (SATELLITE) COLUMBUS SPACE STATION	LIFTOFF (LAUNCHING)	SPACE STATION STRUCTURES
	ENTRY GUIDANCE (STS)	PT COUNTDOWN	STRUCTURAL DESIGN
	CURECA (ESA)	HEAVY LIFT LAUNCH VEHICLES HOTOL LAUNCH VEHICLE	∞ STRUCTURES
	EXPENDARIE STAGES (SPACECRAFT)	LAUNCH DATES	
	GERMAN INFRARED LABORATORY	LAUNCH VEHICLES	SPACING GS SPACING
	HOTOL LAUNCH VEHICLE INERTIAL UPPER STAGE	LAUNCH WINDOWS	. AIRCRAFT APPROACH SPACING
	INTERIM STAGES (SPACECRAFT)	LAUNCHING PADS	

#### SPAN

SPACING-(CONT.)
RT ALTITUDE CONTROL
ATTITUDE CONTROL SPATIAL MARCHING SPECTROMETERS-(CONT.) ACOUSTIC DUCTS SOLAR BACKSCATTER UV SPECTROMETER DUCT GEOMETRY CLEARANCES NUMERICAL ANALYSIS TIME MARCHING SOLAR SPECTROMETERS SPECTROHELIOGRAPHS
TIME OF FLIGHT SPECTROMETERS
ULTRAVIOLET SPECTROMETERS ISOLATION **POSITIONING** SPATIAL ORIENTATION
USE ATTITUDE (INCLINATION) ∞ SEPARATION HIGH DISPERSION **SPACERS** SPECTROGRAPHS THICKNESS SPATIAL RESOLUTION TOTAL OZONE MAPPING SPECTROMETER RESOLUTION
. SPATIAL RESOLUTION
ATMOSPHERIC CORRECTION GS - SPAN ACTINOMETERS CHEMICAL ANALYSIS DIFFRACTOMETERS RT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS HIGH RESOLUTION LISTED BELOW IMAGE PROCESSING ELECTRON PROBES GONIOMETERS RT ASPECT RATIO IMAGE RESOLUTION DIMENSIONS IMAGING TECHNIQUES SPECTRAL RESOLUTION INFRARED SPECTROSCOPY LIFE SPAN MICHELSON INTERFEROMETERS WIDTH OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
PHOTOGONIOMETERS
PHOTOGRAPHIC MEASUREMENT TEMPORAL RESOLUTION WING SPAN SPECIFIC GRAVITY
USE DENSITY (MASS/VOLUME) SPANLOADER AIRCRAFT
GS TRANSPORT AIRCRAFT PHOTOMETERS CARGO AIRCRAFT RADIATION COUNTERS SOLAR INSTRUMENTS SPECIFIC IMPULSE SPANLOADER AIRCRAFT IMPULSES ∞ AIRCRAFT MASS FLOW RATE SPECTRA SUPERCRITICAL WINGS SPECTRAL REFLECTANCE SPECTROGRAPHS PROPELLANT MASS RATIO SWEPT WINGS **PROPELLANTS** SPECTRORADIOMETERS SPECTROSCOPIC ANALYSIS PROPULSION SYSTEM PERFORMANCE SPANWISE BLOWING PROPULSIVE EFFICIENCY BLOWING SPECTROSCOPY GS ROCKET PROPELLANTS SPANWISE BLOWING ROCKET THRUST SPECTRUM ANALYSIS CROSS FLOW EXTERNALLY BLOWN FLAPS RT THERMODYNAMIC EFFICIENCY THRUST SPECTROMETRY SPECTROMETERS JET FLOW LIFT AUGMENTATION SPECKLE HOLOGRAPHY PRESSURE DISTRIBUTION IMAGERY SPECTROPHOTOGRAPHY WING SPAN . HOLOGRAPHY IMAGERY SPECTROPHOTOGRAPHY .. SPECKLE HOLOGRAPHY IMAGING TECHNIQUES SPARK IGNITION PHOTOGRAPHY . SPECKLE HOLOGRAPHY PHOTOGRAPHY IGNITION SPECTROPHOTOGRAPHY SPECTROSCOPY SPARK IGNITION HOLOGRAPHY COMBUSTION SPECTROPHOTOGRAPHY **ELECTRIC IGNITION** SPECKLE HOLOGRAPHY ВT BLACK AND WHITE PHOTOGRAPHY GROUND TRUTH RT ELECTRIC SPARKS EUDIOMETERS COHERENT LIGHT DIFFRACTION PATTERNS SPECTRAL CORRELATION SPECTRAL RECONNAISSANCE HOLOGRAPHIC INTERFEROMETRY
IMAGE CORRELATORS SPECTROGRAMS SPARK PLUGS ARC GENERATORS LASER APPLICATIONS SCATTER PLATES (OPTICS) COMBUSTION CHAMBERS ELECTRIC SPARKS **SPECTROPOLARIMETERS** USE POLARIMETERS SPATIAL FILTERING IGNITERS SPECKLE INTERFEROMETRY SPECKLE PATTERNS IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES **SPECTROSCOPES** USE SPECTROMETERS SPECKLE INTERFEROMETRY
GS INTERFEROMETRY
. SPECKLE INTERFEROMETRY SPARK SHADOWGRAPH PHOTOGRAPHY
USE SHADOWGRAPH PHOTOGRAPHY SPEED USE VELOCITY DIFFRACTION PATTERNS FRESNEL DIFFRACTION FRESNEL REFLECTORS RI SPARKS SPEED CONTROL GS SPARKS SPEED REGULATION AUTOMATIC CONTROL UF ELECTRIC SPARKS INFRARED INTERFEROMETERS ISOCHROMATICS RT IGNITION CONTROL LASER APPLICATIONS CONTROL EQUIPMENT CONTROLLERS NULL ZONES PLASMA FLUX MEASUREMENT SPARROW MISSILES GS MISSILES ENGINE CONTROL SAGNAC EFFECT . AIR TO AIR MISSILES HELICOPTER CONTROL SCATTER PLATES (OPTICS) SPECKLE HOLOGRAPHY SPARROW MISSILES MANUAL CONTROL SPARROW 2 MISSILE SPARROW 3 MISSILE REGULATORS SPECTROGRAPHS RΤ SOLID PROPELLANT ROCKET ENGINES SPEED INDICATORS SPECTROGRAPHS PRESTON TUBES HIGH DISPERSION SPECTROGRAPHS SPEEDOMETERS DISPLAY DEVICES SPARROW 2 MISSILE RT SPECTRA MISSILES SPECTROGRAMS SPEED INDICATORS . AIR TO AIR MISSILES SPECTROMETERS ... TACHOMETERS
MEASURING INSTRUMENTS SPARROW MISSILES ... SPARROW 2 MISSILE
SOLID PROPELLANT ROCKET ENGINES SPECTROSCOPIC ANALYSIS SPECTROSCOPY INDICATING INSTRUMENTS SPEED INDICATORS SPECTROMETERS SPARROW 3 MISSILE ACCELEROMETERS
AIRCRAFT INSTRUMENTS SPECTROMETRY RT GS MISSILES SPECTROSCOPES . AIR TO AIR MISSILES GS MEASURING INSTRUMENTS ANEMOMETERS ... SPARROW MISSILES
... SPARROW 3 MISSILE
LIQUID PROPELLANT ROCKET ENGINES APPROACH INDICATORS
FLIGHT INSTRUMENTS SPECTROMETERS

EBERT SPECTROMETERS FABRY-PEROT SPECTROMETERS
GAMMA RAY SPECTROMETERS
IMAGING SPECTROMETERS FLOWMETERS LANDING INSTRUMENTS SPARTAN MISSILE PITOT TUBES MISSILES
. ANTIMISSILE MISSILES
. SPARTAN MISSILE
NIKE-ZEUS MISSILE GS INFRARED SPECTROMETERS
. FILTER WHEEL INFRARED
SPECTROMETERS VELOCITY MEASUREMENT

LASER SPECTROMETERS
MASS SPECTROMETERS
MICROWAVE SPECTROMETERS

**NEUTRON SPECTROMETERS** 

SPEED REGULATION

SPEED REGULATORS

SPEED CONTROL

GOVERNORS

USE

UF

AT

SENTINEL SYSTEM SPRINT MISSILE

SURFACE TO AIR MISSILES

	(DOLLE)	SPIN-(CONT.)	SPOILERS-(CONT.) BOUNDARY LAYER CONTROL
SPEED RE	GULATORS-(CONT.)	ELECTRON SPIN	DEFLECTORS
GS C	XONTROL EQUIPMENT	ISOTOPIC SPIN	FLAPS (CONTROL SURFACES)
	SPEED REGULATORS	NUCLEAR SPIN	GUST ALLEVIATORS
F	REGULATORS SPEED REGULATORS	SPIN-ORBIT INTERACTIONS	LEADING EDGE SLATS
	CONTROLLERS	ELECTRON CAPTURE	SPOILER SLOT AILERONS
	ENGINES	SPIN-SPIN COUPLING	VORTEX ALLEVIATION
	Hames	RT ANGULAR MOMENTUM NUCLEAR CAPTURE	WINGS
SPEEDOM	ETERS.	MUCLEAR CAPTORE  ∞SPINNERS	
USE	SPEED INDICATORS	YO-YO DEVICES	SPONTANEOUS COMBUSTION
-		, , , , , , , , , , , , , , , , , , , ,	GS COMBUSTION SPONTANEOUS COMBUSTION
SPHERES	_	SPIN REDUCTION	RT COMBUSTION TEMPERATURE
GS S	SYMMETRICAL BODIES	UF DESPINNING	EXPLOSIONS
	BODIES OF REVOLUTION	JET DAMPING	FIRE POINT
	SPHERES	GS RATES (PER TIME)	FIRE PREVENTION
	CONCENTRIC SPHERES	. ACCELERATION (PHYSICS)	FLAMMABILITY
	FALLING SPHERES	DECELERATION SPIN REDUCTION	FLASH POINT
	POINCARE SPHERES		FUEL COMBUSTION
	POTATING SPHERES	DESTABILIZATION	HAZARDS HYPERGOLIC ROCKET PROPELLANTS
RT	AERODYNAMIC CONFIGURATIONS	GRAVITY GRADIENT SATELLITES	IGNITION
	ASPHERICITY	∞ REDUCTION	IGNITION TEMPERATURE
	BALLS	SATELLITE ROTATION	PROPELLANT SENSITIVITY
	CIRCLES (GEOMETRY) EUCLIDEAN GEOMETRY	YO-YO DEVICES	PYROPHORIC MATERIALS
	GEOMETRY		
	GLOBES	SPIN STABILIZATION	SPRAY CHARACTERISTICS
	GLOBULES	GS STABILIZATION	RT ∞CHARACTERISTICS
	HEMISPHERES	. SPIN STABILIZATION RT ATTITUDE CONTROL	SPRAYERS
	HEMISPHERICAL SHELLS	RT ATTITUDE CONTROL DUAL SPIN SPACECRAFT	SPRAYING
	MICROBALLOONS	MISSILES	
	NODULES	OV-1 SATELLITES	SPRAY CONDENSERS  RT JET CONDENSERS
	OGIVES	OV-2 SATELLITES	RT JET CONDENSERS SPRAYERS
	SPHERICAL SHELLS SPHEROIDS	OV-3 SATELLITES	SPINIENO
	SPHERULES	OV-4 SATELLITES	SPRAY NOZZLES
	SELECTION	OV-5 SATELLITES	RT ANNULAR NOZZLES
CONEDIC	AL SHELLS	SATELLITE ORIENTATION	CONICAL NOZZLES
GS	SHELLS (STRUCTURAL FORMS)	SATELLITE ROTATION SPACE SHUTTLE UPPER STAGE D	FUEL INJECTION
GO	SPHERICAL SHELLS	SPACE STATIONS	FUEL SYSTEMS
	SPHERICAL CAPS	∞ SPINNERS	INJECTORS
RT	BODIES OF REVOLUTION		∞ NOZZLES
	CIRCULAR SHELLS	SPINNING UNGUIDED ROCKET TRAJECTORY	ORIFICES SPRAYERS
	HEMISPHERICAL SHELLS METAL SHELLS	UF SPURT (TRAJECTORIES)	SFRATERO
	REINFORCED SHELLS	GS TRAJECTORIES	SPRAYERS
	ROTATING SPHERES	SPINNING UNGUIDED ROCKET	UF SPRAYING APPARATUS
	SPHERES	TRAJECTORY RT EQUATIONS OF MOTION	SPRAYS
	STRESSED-SKIN STRUCTURES	RT EQUATIONS OF MOTION MISSILE TRAJECTORIES	RT ATOMIZERS
	THIN WALLED SHELLS	HOTATING BODIES	BLOWERS
		SYMMETRICAL BODIES	COLLOIDAL GENERATORS
	CAL WAVES		CONTACTORS ∞ CONTAINERS
RT	CYLINDRICAL WAVES DIFFRACTION PATHS	SPIROMETERS	∞ DIFFUSERS
	DIFFRACTION PROPAGATION	RT HEART MINUTE VOLUME	DISPENSERS
	ELASTIC WAVES	LUNGS	DISTRIBUTORS
	FLECTROMAGNETIC RADIATION	RESPIRATORY RATE	DROPS (LIQUIDS)
	HUYGENS PRINCIPLE	ORI IT EL ARE	EJECTORS
	PLANE WAVES	SPLIT FLAPS  GS AIRFOILS	FUEL SPRAYS
	POINT SOURCES THREE DIMENSIONAL FLOW	. FLAPS (CONTROL SURFACES)	∞JETS MATERIALS HANDLING
	WAVES	en IT EI ADS	MIXERS
	₩#A*E3	BRAKES (FOR ARRESTING MOTION)	m NOZZLES
<b>QDIKE</b>	NOZZLES	AERODYNAMIC BRAKES	PROPELLANT SPRAYS
GS	EXHAUST NOZZLES	. SPLIT FLAPS . AIRCRAFT BRAKES	SPRAY CHARACTERISTICS
	SPIKE NOZZLES	SPLIT FLAPS	SPRAY CONDENSERS
RT	CONICAL NOZZLES	CONTROL SURFACES	SPRAY NOZZLES
	NOZZLE GEOMETRY	. FLAPS (CONTROL SURFACES)	SPRAYING VAPORIZERS
	∞NOZZLES PLUG NOZZLES	SPLIT FLAPS	VAPONIELIO
	ROCKET NOZZLES	DRAG DEVICES	and a VIMO
	∞ SPIKES	AERODYNAMIC BRAKES	SPRAYING GS SPRAYING
	wo	<b>SPLIT FLAP8</b> RT JET FLAPS	ARC SPRAYING
∞ SPIKES	S	RT JET FLAPS LEADING EDGE SLATS	. CROP DUSTING
SN	USE OF A MORE SPECIFIC TERM IS	TRAILING EDGE FLAPS	. FLAME SPRAYING
	RECOMMENDED CONSULT THE TERMS	WING FLAPS	METAL SPRAYING
	LISTED BELOW)		PLASMA SPRAYING RT AERATION
RT	FASTENERS HOLDERS	SPOILER SLOT AILERONS	RT AERATION AEROSOLS
	MONOPOLE ANTENNAS	GS AIRFOILS	ATOMIZING
	PINS	. AILERONS <b>Spoiler Slot Ailerons</b>	BLOWING
	SPIKE NOZZLES	CONTROL SURFACES	COATING
	SPIKE POTENTIALS	AILERONS	COATINGS
	SPIKES (AERODYNAMIC	SPOILER SLOT AILERONS	DIFFUSION
	CONFIGURATIONS)	RT SPOILERS	DISPERSING
	TO THE PROPERTY OF THE PROPERT		ENTRAINMENT FORMING TECHNIQUES
SPIKE	S (AERODYNAMIC CONFIGURATIONS)	SPOILERS	FUMIGATION
RT	∞ SPIKES WIND TUNNELS	GS AIRFOILS	LIQUID ATOMIZATION
	**************************************	SPOILERS	METALLIZING
SPIN		CONTROL SURFACES	MIXING
GS	SPIN	. <b>Spoilers</b> Drag Devices	PREMIXING
	METAL SPINNING	SPOILERS	SEALING SPRAY CHARACTERISTICS
	HYDROSPINNING	RT AERODYNAMIC BRAKES	SPHAT CHAMACTERISTICS
	PARTICLE SPIN		

## SPRAYING APPARATUS

SPRAYING-(CONT.) SR-71 AIRCRAFT STABILITY DERIVATIVES-(CONT.)
MOMENTS OF INERTIA SPRAYERS SPRINKLING BLACKBIRD AIRCRAFT LOCKHEED AIRCRAFT SR-71 AIRCRAFT GS REAL VARIABLES VAPORIZING VECTOR ANALYSIS RECONNAISSANCE AIRCRAFT SR-71 AIRCRAFT SUPERSONIC AIRCRAFT SPRAYING APPARATUS STABILITY TESTS STABILITY TESTS

FLIGHT STABILITY TESTS

WIND TUNNEL STABILITY TESTS USE SPRAYERS . SR-71 AIRCRAFT **∞ MILITARY AIRCRAFT** SPRAYS SPRAYERS RT CORROSION TESTS USE DAMPING TESTS
ELECTRONIC EQUIPMENT TESTS SRB (SOLID ROCKET BOOSTERS) USE SPACE SHUTTLE BOOSTERS SPREADING FLIGHT TESTS FUEL TESTS GROUND TESTS ADHESION COHESION SS-11 MISSILE
GS MISSILES DIFFUSION MISSILE TESTS
PROPELLANT TESTS
RESONANCE TESTING DISPERSING SS-11 MISSILE MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES DISPOSAL RT DUMPING m TESTS EMPTYING INTERFACIAL TENSION VIBRATION TESTS STABILITY INTERNAL PRESSURE INSTABILITY
STABILITY
ACOUSTIC INSTABILITY STABILIZED PLATFORMS RT GIMBALS MATERIALS HANDLING GS SCATTERING **∞ SEPARATION** GYROSCOPIC STABILITY BAROCLINIC INSTABILITY SPILLING GYROSTABILIZERS INERTIAL GUIDANCE DYNAMIC STABILITY
COMBUSTION STABILITY SWELLING ∞ PLATFORMS
THREE AXIS STABILIZATION THROWING UNLOADING . FLAME STABILITY CONTROL STABILITY FREQUENCY STABILITY STABILIZERS
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS FREQUENCY STABILITY
MOTION STABILITY
AERODYNAMIC STABILITY
AIRCRAFT STABILITY
HOVERING STABILITY
ATTITUDE STABILITY
OFFICE STABILITY
GYROSCOPIC STABILITY
LATERAL STABILITY
LATERAL STABILITY SPRINT MISSILE MISSILES
. ANTIMISSILE MISSILES SPRINT MISSILE
SURFACE TO AIR MISSILES
SPRINT MISSILE LISTED BELOW)
GYROSCOPES RT SEA KEEPING NIKE-ZEUS MISSILE SENTINEL SYSTEM SOLID PROPELLANT ROCKET ENGINES RT STABILIZERS (AGENTS) STABILIZERS (FLUID DYNAMICS) LONGITUDINAL STABILITY
FLOW STABILITY
BOUNDARY LAYER STABILITY SPARTAN MISSILE STABILIZERS (FLUID DYNAMICS)

UF HORIZONTAL STABILIZERS
VERTICAL STABILIZERS
VERTICAL TAILS

GS STABILIZERS (FLUID DYNAMICS)
. HORIZONTAL TAIL SURFACES
AERIAL RUDDERS SPURT (TRAJECTORIES)
USE SPINNING UNGUIDED ROCKET
TRAJECTORY FLAME STABILITY
MAGNETOHYDRODYNAMIC STABILITY .. WEIBEL INSTABILITY SQUEEZE FILMS ... LOW SPEED STABILITY
... ROTARY STABILITY
... GYROSCOPIC STABILITY
... SPACECRAFT STABILITY
GOERTLER INSTABILITY
MAGNETOSPHERIC INSTABILITY
STATIC STABILITY FLUID FILMS
. SQUEEZE FILMS
BOUNDARY LUBRICATION GS AIRFOILS CONTROL SURFACES

DYNAMICS ELASTOHYDRODYNAMICS **ELEVATORS (CONTROL SURFACES)** ∞ FILMS FINS STATIC STABILITY
DIMENSIONAL STABILITY
STRUCTURAL STABILITY GAS BEARINGS **KEELS** GAS LUBRICANTS LIQUID-SOLID INTERFACES RUDDERS STABILIZERS SHELL STABILITY
STORAGE STABILITY
SURFACE STABILITY **LUBRICANTS** SWEPTBACK TAIL SURFACES THIN FILMS T TAIL SURFACES
TABS (CONTROL SURFACES) VISCOELASTICITY SYSTEMS STABILITY
THERMAL STABILITY VISCOUS FLUIDS TAIL ASSEMBLIES TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES RT AMPLIFICATION SQUIBS BALLAST (MASS) COMPATIBILITY XM-6 SQUIB XM-8 SQUIB STABLE OSCILLATIONS
GS OSCILLATIONS CONTROLLABILITY GS . SQUIBS ELECTRIC IGNITION IGNITION SYSTEMS DRIFT RATE . STABLE OSCILLATIONS
DYNAMIC STABILITY
FREQUENCY STABILITY RT DURABILITY DYNAMIC CHARACTERISTICS EQUATIONS OF MOTION PRIMERS (EXPLOSIVES) GYROSCOPIC STABILITY MOTION STABILITY NONSTABILIZED OSCILLATION SOLID PROPELLANT IGNITION EQUILIBRIUM METASTABLE STATE STARTERS QUALITY RELIABILITY PILOT INDUCED OSCILLATION RESONANT VIBRATION SQUID (DETECTORS)
UF SUPERCONDUCTING QUANTUM INTERFEROMETERS ∞ RESISTANCE TRANSVERSE OSCILLATION SAFETY FACTORS
SPACECRAFT MOTION
STABILIZERS (AGENTS) DETECTORS
JOSEPHSON JUNCTIONS
MAGNETIC MEASUREMENT
QUANTUM COUNTERS
SIS (SUPERCONDUCTORS) UNDAMPED OSCILLATIONS WING OSCILLATIONS BT STEADY STATE
TOLERANCES (MECHANICS)
TRESCA FLOW STAGE SEPARATION
UF STAGING (ROCKETS)
RT BOOSTER ROCKET ENGINES SUPERCONDUCTORS UNITY UNSTEADY STATE EXPENDABLE STAGES (SPACECRAFT)
INTERIM STAGES (SPACECRAFT)
LUNAR MODULE ASCENT STAGE SQUID PROJECT VARIABILITY PROGRAMS VLASOV EQUATIONS VULNERABILITY **PROJECTS** MISSILES MISSILES
MULTISTAGE ROCKET VEHICLES
PROPELLANT MASS RATIO
ROCKET VEHICLES

SEPARATION . . SQUID PROJECT JET PROPULSION RT STABILITY DERIVATIVES AERODYNAMIC MOMENTS SR-N2 GROUND EFFECT MACHINE GS SPACE SHUTTLE ASCENT STAGE SUSTAINER ROCKET ENGINES THRUST TERMINATION MOMENTS WESTLAND GROUND EFFECT MACHINES STABILITY DERIVATIVES PITCHING MOMENTS SR-N3 GROUND EFFECT MACHINE

ROLLING MOMENTS YAWING MOMENTS

DIFFERENTIAL EQUATIONS

COMPLEX VARIABLES

DAMPING

RT

UPPER STAGE ROCKET ENGINES

∞ CONFIGURATIONS

DISORIENTATION

STAGGERING

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WESTLAND GROUND EFFECT MACHINES

SR-N5 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

STATIC STABILITY STANTON NUMBER-(CONT.)
HEAT TRANSFER STAGING (ROCKETS)
USE STAGE SEPARATION STABILITY STATIC STABILITY
DIMENSIONAL STABILITY STAR TRACKERS STRUCTURAL STABILITY
SHELL STABILITY
AIRCRAFT STABILITY STAGNATION FLOW STAR TRACKING FLUID FLOW INVISCID FLOW TRACKING (POSITION) GS RT . STAGNATION FLOW
BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION COUNTERBALANCES
DRIFT (INSTRUMENTATION)
DYNAMIC STABILITY . CCD STAR TRACKER
ASTROGUIDE NAVIGATION SYSTEM
ASTROLABES RT MAGNETOHYDROSTATICS STATIC CHARACTERISTICS STORAGE STABILITY COMPRESSIBLE FLOW STAGNATION POINT ATTITUDE CONTROL CELESTIAL NAVIGATION CHARGE INJECTION DEVICES STRATIFICATION SURFACE STABILITY STAGNATION POINT FLIGHT INSTRUMENTS GUIDANCE SENSORS INERTIAL NAVIGATION STAGNATION REGION BLUNT BODIES BOUNDARY LAYER FLOW FLOW DISTRIBUTION FLUID DYNAMICS STATIC TESTS MISSILE CONTROL NAVIGATION NAVIGATION AIDS (ENCOMPASSES MATERIALS, ENGINE, AND VEHICLE TESTS) CAPTIVE TESTS
STATIC TESTS
STATIC FIRING HEAT TRANSFER STAGNATION FLOW GS NAVIGATION INSTRUMENTS SOLAR SENSORS SPACECRAFT GUIDANCE COLD FLOW TESTS
COMPRESSION TESTS
CREEP TESTS STAGNATION PRESSURE PRESSURE
STAGNATION PRESSURE STAR TRACKING DYNAMIC TESTS ENGINE TESTS FATIGUE TESTS COMPRESSIBLE FLOW STAR TRACKERS RT INLET PRESSURE STARFIGHTER AIRCRAFT GROUND TESTS
HARDNESS TESTS
INSPECTION STAGNATION REGION
USE STAGNATION POINT F-104 AIRCRAFT INSPECTION
LOAD TESTS
MATERIALS TESTS
MISSILE TESTS
NONDESTRUCTIVE TESTS
PREFIRING TESTS
PREFAUNCH TESTS
QUALITY CONTROL STARLIFTER AIRCRAFT STAGNATION TEMPERATURE
GS TEMPERATURE C-141 AIRCRAFT USE . STAGNATION TEMPERATURE ADIABATIC FLOW COMPRESSIBLE FLOW STARTERS RT STARTERS GS ENGINE STARTERS INVISCID FLOW **ACTUATORS** QUALITY CONTHOL
RESONANCE TESTING
STATIC CHARACTERISTICS
TENSILE TESTS
TEST FIRING IGNITION SYSTEMS ∞ STALLING SQUIBS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SN STARTING LISTED BELOW)
AERODYNAMIC STALLING ∞ TESTS STARTING RT VIBRATION TESTS BOUNDARY LAYER SEPARATION ENGINE FAILURE STARTING GS WEAR TESTS . AIR START ACTIVATION ŖΤ STANDARD LAUNCH VEHICLE 3 USE ATLAS SLV-3 LAUNCH VEHICLE ACTUATION STATIC THRUST CYCLES THRUST GS ELECTRIC IGNITION STATIC THRUST ENGINE PRIMERS JET THRUST ROCKET THRUST STANDARD LAUNCH VEHICLE 5 EXCITATION LAUNCH VEHICLES
. STANDARD LAUNCH VEHICLES FIRING (IGNITING) IGNITION INITIATION STATICS STANDARD LAUNCH VEHICLE 5 STATICS . AEROSTATICS ROCKET VEHICLES
STANDARD LAUNCH VEHICLES
STANDARD LAUNCH VEHICLE 5 LAUNCHING ∞ PRIMING
REACTOR STARTUP TESTS **ELECTROSTATICS** HYDROSTATICS STARTERS MAGNETOHYDROSTATICS STANDARD LAUNCH VEHICLES ∞DYNAMICS ELASTOSTATICS ∞EQUILIBRIUM STIMULATION SIV GS LAUNCH VEHICLES STATE EQUATIONS
USE EQUATIONS OF STATE STANDARD LAUNCH VEHICLES
. ATLAS SLV-3 LAUNCH VEHICLE FLUID MECHANICS

MECHANICS (PHYSICS) ATLAS SLV-3 LAUNCH VEHICLE 5
ROCKET VEHICLES
STANDARD LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
STANDARD LAUNCH VEHICLE 5 STATIC AERODYNAMIC CHARACTERISTICS STATOR BLADES
GS TURBOMACHINE BLADES
. STATOR BLADES AERODYNAMIC CHARACTERISTICS . STATIC AERODYNAMIC GS CHARACTERISTICS ∞ BLADES COMPRESSOR BLADES ATLAS D ICBM STATIC CHARACTERISTICS STATIC AERODYNAMIC AT ∞ VEHICLES ROTOR BLADES (TURBOMACHINERY) CHARACTERISTICS STATORS AERODYNAMIC BALANCE AERODYNAMIC STABILITY STANDING WAVE RATIOS TURBINE BLADES RATIOS VANES **∞CHARACTERISTICS** STANDING WAVE RATIOS AMPLITUDES
ELECTRICAL PROPERTIES RT STATORS STATIC FIRING COMPRESSORS
ELECTRIC MOTORS
©GENERATORS CAPTIVE TESTS
. STATIC TESTS SMITH CHART TRANSMISSION LINES STATIC FIRING IMPELLERS MOTORS ENGINE TESTS STANDING WAVES
RT ANTINODES
BEAT FREQUENCIES PUMPS FIRING (IGNITING) TEST FIRING ∞ ROTATING ELECTRICAL MACHINES **FREQUENCIES** ROTORS STATIC FIRING HARMONICS STATOR BLADES NODES (STANDING WAVES) ∞ RADIATION GROUND TESTS . PRELAUNCH TESTS **TURBINES** STATIC FIRING RESONANT FREQUENCIES ЯT ROCKET FIRING STEADY FLOW VIBRATION FLUID FLOW WAVELENGTHS STEADY FLOW STATIC PRESSURE
GS PRESSURE ∞ WAVES HARTMANN FLOW . STATIC PRESSURE
... HYDROSTATIC PRESSURE
ISOSTATIC PRESSURE STANTON NUMBER BELTRAMI FLOW CONTINUITY EQUATION RT

RATIOS
. DIMENSIONLESS NUMBERS

STANTON NUMBER

RT

RT

PITOT TUBES

SOUND PRESSURE

CRITICAL FLOW CROCCO METHOD

#### STEADY STATE

STEADY FLOW-(CONT.)
EQUILIBRIUM FLOW ∞FLOW FLOW CHARACTERISTICS FLOW GEOMETRY FLOW STABILITY
GAS FLOW
HEAT TRANSMISSION HYDRODYNAMIC COEFFICIENTS LAMINAR FLOW LIQUID FLOW LOW TURBULENCE MASS FLOW METHOD OF CHARACTERISTICS MULTIPHASE FLOW NONNEWTONIAN FLOW ORIFICE FLOW PARALLEL FLOW PIPE FLOW PRESSURE GRADIENTS QUASI-STEADY STATES SINGLE-PHASE FLOW SOLIDS FLOW STEAM FLOW STOKES FLOW SUBCRITICAL FLOW SUPERCRITICAL FLOW TURBULENCE TURBULENT FLOW TWO DIMENSIONAL FLOW UNIFORM FLOW UNSTEADY FLOW

STEADY STATE

∞EQUILIBRIUM FLUID DYNAMICS METASTABLE STATE STABILITY STATE VECTORS UNSTEADY FLOW UNSTEADY STATE

STEADY STATE FLOW **EQUILIBRIUM FLOW** 

STEAM

**BOILERS** FOG SUPERHEATING **THERMODYNAMICS** WATER WATER VAPOR

STEAM FLOW

FLUID FLOW GS . STEAM FLOW CRITICAL FLOW GAS FLOW RT LAMINAR FLOW MASS FLOW MULTIPHASE FLOW ORIFICE FLOW PIPE FLOW PIPELINES PRESSURE GRADIENTS SINGLE-PHASE FLOW STEADY FLOW SUBCRITICAL FLOW SUPERCRITICAL FLOW TURBULENT FLOW UNIFORM FLOW UNSTEADY FLOW

STEAM TURBINES
GS TURBOMACHINERY

**TURBINES** .. STEAM TURBINES AXIAL FLOW TURBINES COMBINED CYCLE POWER GENERATION GAS TURBINE ENGINES GAS TURBINES TURBOGENERATORS TWO STAGE TURBINES

STEEP GRADIENT AIRCRAFT V/STOL AIRCRAFT

STEEPNESS

USE

SLOPES

STEERING

∞ CONTROL CONTROL ROCKETS CONTROLLABILITY **ELECTRON OPTICS** 

STEERING-(CONT.)

**FOCUSING** 

SUSPENSION SYSTEMS (VEHICLES)

STEERING ROCKETS

CONTROL ROCKETS

SN

AT

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) BACKWARD FACING STEPS PROGRAMMING (SCHEDULING)

STAIRSTEPS STEP FUNCTIONS

STEREOPHONICS RT ACOUSTICS

HEARING

STEREOSCOPY

IMAGERY STEREOSCOPY STEREOPHOTOGRAPHY **PHOTOGRAPHY** 

STEREOSCOPY

. . STEREOPHOTOGRAPHY STEREOSCOPIC VISION

RT STERMS

**AFTERBODIES** USE

GS **SEPARATORS** STILLS AT CONCENTRATORS DISTILLATION EQUIPMENT

STOKES FLOW

FLUID FLOW INCOMPRESSIBLE FLOW VISCOUS FLOW

.. STOKES FLOW OSEEN APPROXIMATION STEADY FLOW

∞ STOKES LAW

(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)

RT LAWS

MAXWELL EQUATION STOKES LAW (FLUID MECHANICS) STOKES THEOREM (VECTOR CALCULUS)

STOKES LAW (FLUID MECHANICS)

SETTLING STOKES LAW

8TOKES-BELTRAMI EQUATION RT & EQUATIONS

LAPLACE EQUATION STREAM FUNCTIONS (FLUIDS)

STOL AIRCRAFT

RT

SHORT TAKEOFF AIRCRAFT

STORABLE PROPELLANTS
GS CONSUMABLES (SPACECRAFT)
. STORABLE PROPELLANTS PROPELLANTS
STORABLE PROPELLANTS

. STORABLE PROPELLANTS
CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
GROUND SUPPORT EQUIPMENT
HIGH TEMPERATURE PROPELLANTS
HYDROCARBON FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
PROPELLANT ADDITIVES
PROPELLANT ADDITIVES
PROPELLANT EVAPORATION
PROPELLANT SENSITIVITY
PROPELLANT STORABILITY PROPELLANT STORABILITY
PROPELLANT STORAGE ROCKET PROPELLANTS SOLID PROPELLANTS

SPACE STORAGE

STORE RELEASE
USE EXTERNAL STORE SEPARATION

STOVL AIRCRAFT

USE V/STOL AIRCRAFT

STRAIGHT WINGS

RECTANGULAR WINGS USE

STRAIN GAGE ACCELEROMETERS
GS MEASURING INSTRUMENTS

. ACCELEROMETERS

... STRAIN GAGE ACCELEROMETERS
PRESSURE GAGES

STRAIN GAGE BALANCES

MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. WEIGHT INDICATORS

PRESSURE GAGES

STRAIN GAGES

GS

ЯT

MEASURING INSTRUMENTS . STRAIN GAGES GS

CABLE FORCE RECORDERS DEFORMETERS

ELASTOMETERS EXTENSOMETERS
FLIGHT LOAD RECORDERS
MECHANICAL MEASUREMENT PIEZOELECTRIC GAGES PRESSURE GAGES

ROSETTE SHAPES

SHOCK MEASURING INSTRUMENTS STRAIN MEASUREMENT STRESS MEASUREMENT TEMPERATURE INVERSIONS TENSOMETERS

TRANSDUCERS WEIGHT INDICATORS

STRAIN MEASUREMENT
RT 

MEASUREMENT

SMART STRUCTURES STRAIN DISTRIBUTION STRAIN GAGES STRAIN RATE

STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS STRUCTURAL STRAIN

STRAIN SOFTENING

USE PLASTIC DEFORMATION

STRAKES

GS STRUCTURAL MEMBERS . STRAKES

AERODYNAMIC CONFIGURATIONS HULLS (STRUCTURES)

LONGERONS METAL STRIPS RECTANGULAR PANELS

REINFORCEMENT (STRUCTURES) WATER TUNNEL TESTS

STRAPDOWN INERTIAL GUIDANCE

GUIDANCE (MOTION)
. INERTIAL GUIDANCE

. STRAPDOWN INERTIAL GUIDANCE RΤ INERTIAL NAVIGATION

STRATIFICATION

STRATIFICATION
. ATMOSPHERIC STRATIFICATION
. INTERCALATION

AT ANTICLINES BEDROCK

CROSSBEDDING (GEOLOGY)

FLAT LAYERS FOLDS (GEOLOGY) GEOSYNCLINES

STRATIFIED FLOW STRATIGRAPHY

SYNCLINES TEMPERATURE GRADIENTS THERMOCLINES

STRATIFIED FLOW FLUID FLOW

. LAMINAR FLOW

STRESS WAVES-(CONT.)
TEMPERATURE INVERSIONS STREAMS-(CONT.)
LAKE ONTARIO
LAKE SUPERIOR STRATIFIED FLOW-(CONT.)
... STRATIFIED FLOW
RT BAROCLINIC WAVES WAVE PROPAGATION ∞ WAVES LIMNOLOGY BAROCLINITY MEANDERS COAXIAL FLOW FLOW GEOMETRY STRESSED-SKIN STRUCTURES
RT MONOCOQUE STRUCTURES RAPIDS RESERVOIRS SHEAR FLOW STRATIFICATION SKIN (STRUCTURAL MEMBER) SPHERICAL SHELLS RIVERS STREAM FUNCTIONS (FLUIDS) ∞ STRUCTURES SURFACE WATER SUSQUEHANNA RIVER BASIN STRATOFORTRESS AIRCRAFT THIN WALLED SHELLS **B-52 AIRCRAFT** (MD-NY-PA) STRINGERS STRATOJET AIRCRAFT STRUCTURAL MEMBERS GS B-47 AIRCRAFT STRINGERS LONGERONS USE STREETS RT HIGHWAYS STRATOTANKER AIRCRAFT REINFORCEMENT (STRUCTURES) INTERSECTIONS C-135 AIRCRAFT STRUCTURAL STABILITY PAVEMENTS ROADS STREAK CAMERAS ∞ TUNNELS STRINGS OPTICAL EQUIPMENT
. CAMERAS ASSEMBLIES URBAN PLANNING RT URBAN RESEARCH CORDAGE STREAK CAMERAS PHOTOGRAPHIC EQUIPMENT STRIP STRESS ANALYSIS CAMERAS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS ANALYSIS
STRESS CALCULATIONS
STRESS ANALYSIS
BOUNDARY ELEMENT METHOD
SCHWARTZ METHOD
X RAY STRESS ANALYSIS STREAK CAMERAS CAMERA SHUTTERS CINEMATOGRAPHY GS RT LISTED BELOW) RT CIRCUITS
DISPLAY DEVICES AIRY FUNCTION RT STREAK PHOTOGRAPHY METAL STRIPS RIBBONS ANALYZING
BENDING MOMENTS
BENDING THEORY
CASTIGLIANO VARIATIONAL THEOREM
COMBINED STRESS PHOTOGRAPHY
. STREAK PHOTOGRAPHY GS RUNWAYS AT CAMERAS ELECTRO-OPTICAL PHOTOGRAPHY STROKING TESTS
GS VIBRATION TESTS
DAMPING TESTS HIGH SPEED CAMERAS IMAGING TECHNIQUES COMBINED STRESS
CONSTRUCTION
CREEP ANALYSIS
DONNELL EQUATIONS
ENERGY METHODS
EULER BUCKLING
FLIGHT STRESS DYNAMIC RESPONSE

TREQUENCY RESPONSE

MODAL RESPONSE

SHOCK SPECTRA STREAM FUNCTIONS (FLUIDS) INCOMPRESSIBLE FLOW POTENTIAL THEORY STOKES-BELTRAMI EQUATION FRINGE MULTIPLICATION INCLASTIC STRESS INFLUENCE COEFFICIENT STREAMS TWO DIMENSIONAL FLOW STRUCTURAL VIBRATION ∞TESTS
TRANSIENT RESPONSE INTERFERENCE FIT
ISOPARAMETRIC FINITE ELEMENTS WAVE EXCITATION STREAMLINE FLOW
USE LAMINAR FLOW MECHANICAL ENGINEERING
MICHELL THEOREM
MOIRE FRINGES STROUHAL NUMBER RATIOS DIMENSIONLESS NUMBERS STREAMLINED BODIES SYMMETRICAL BODIES
. STREAMLINED BODIES MOMENTS OF INERTIA NASTRAN
PHOTOELASTIC ANALYSIS
PHOTOELASTICITY
REISSNER THEORY STROUHAL NUMBER FAIRINGS RT BACKWASH BUFFETING AERODYNAMIC CONFIGURATIONS FLOW CHARACTERISTICS FLOW DISTRIBUTION AIRFOILS S-N DIAGRAMS
SAINT VENANT PRINCIPLE
SHALLOW SHELL EQUATIONS AXISYMMETRIC BODIES FLOW STABILITY ∞ BODIES

BODIES OF REVOLUTION

MISSILE BODIES FROUDE NUMBER OSCILLATING FLOW SLIPSTREAMS STRESSES STRUCTURAL ANALYSIS STRUCTURAL DESIGN STRUCTURAL ENGINEERING OGIVES SLENDER BODIES TURBULENCE UNSTEADY FLOW STREAMLINING TEMPERATURE INVERSIONS VORTICES TOWED BODIES WAKES STRESS CALCULATIONS STREAMLINING STRESS ANALYSIS STRUCTURAL MATERIALS ACOUSTIC STREAMING CONSTRUCTION MATERIALS AIR FLOW AIRCRAFT DESIGN AIRCRAFT STRUCTURES STRESS MEASUREMENT MECHANICAL MEASUREMENT GS STRUCTURAL RELIABILITY STRESS MEASUREMENT
... X RAY STRESS MEASUREMENT
DEFORMETERS RELIABILITY
STRUCTURAL RELIABILITY AIRFOIL PROFILES GS **AIRFOILS** FAIRINGS ĦΤ AIRCRAFT RELIABILITY COMPONENT RELIABILITY CUMULATIVE DAMAGE QUALITY CONTROL EXTENSOMETERS
PHOTOELASTIC ANALYSIS FLUID DYNAMICS FRICTION REDUCTION S-N DIAGRAMS HELICOPTER DESIGN HYDROFOILS STRAIN GAGES TENSOMETERS
VIBRATION MEASUREMENT ∞ PROFILES STRUCTURAL RIGIDITY SKIN FRICTION STREAMLINED BODIES STRUCTURAL STABILITY STRESS TENSORS
GS ALGEBRA STRUCTURAL STABILITY
UF STRUCTURAL RIGIDITY
GS MECHANICAL PROPERTIES STREAMS ALGEBRA
TENSORS
STRESS TENSORS
CONTINUUM MECHANICS
ELASTIC PROPERTIES
FRACTURE MECHANICS STREAMS GS . GAS STREAMS DIMENSIONAL STABILITY
STRUCTURAL STABILITY RT RT ALLUVIUM SHELL STABILITY AQUIFERS
DELAWARE RIVER BASIN (US) STABILITY STATIC STABILITY PLASTIC PROPERTIES STRUCTURAL DESIGN FLUID FLOW DIMENSIONAL STABILITY
. STRUCTURAL STABILITY GAS FLOW HYDROLOGY STRESS WAVES
GS ELASTIC WAVES STRUCTURAL STABIL SHELL STABILITY AIRCRAFT STABILITY COMBUSTION VIBRATION HYBRID STRUCTURES HYDROLOGY MODELS
INTERNATIONAL HYDROLOGICAL RT STRESS WAVES
ACOUSTIC EMISSION RT DECADE

SHOCK LAYERS

SHOCK WAVES

STRESSES

LAKE ERIE

LAKE HURON

LAKE MICHIGAN

LONGERONS

PLASTIC PROPERTIES

### STRUCTURAL STRAIN

STRUCTURAL STABILITY-(CONT.)
REINFORCEMENT (STRUCTURES) SUBLIMATION-(CONT.)

∞ SEPARATION

VAPOR PRESSURE SUBSONIC AIRCRAFT-(CONT.)

PASSENGER AIRCRAFT

ROTARY WING AIRCRAFT

SHORT TAKEOFF AIRCRAFT

SUPERSONIC AIRCRAFT

TANDEM WING AIRCRAFT

TERRAIN FOLLOWING AIRCRAFT

TRAINING AIRCRAFT

TRAINING AIRCRAFT

TRAINSCORT AIRCRAFT RESONANCE TESTING ∞ RIGIDITY STIFFNESS SUBMARINE INTEGRATED CONTROL PROJECT STRINGERS SUBIC PROJECT PROGRAMS WAVE RESISTANCE **PROJECTS** TRAINING AIRCHAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WATER TAKEOFF AND LANDING STRUCTURAL STRAIN SUBMARINE INTEGRATED CONTROL FATIGUE (MATERIALS)
. STRUCTURAL STRAIN
AXIAL STRAIN PROJECT ∞ CONTROL ΩT BENDING BUCKLING SUBMARINES WATER VEHICLES AIRCRAFT CRACKING (FRACTURING) SHIPS DEFLECTION DEFORMATION SUBMARINES SUBSONIC FLOW BALLISTIC MISSILE SUBMARINES GUIDED MISSILE SUBMARINES TRIDENT SUBMARINE FLUID FLOW
. SUBSONIC FLOW ELASTIC DEFORMATION FAILURE MOMENTS OF INERTIA AERODYNAMICS UNDERWATER VEHICLES COMPRESSIBLE FLOW FLOW VELOCITY PLASTIC DEFORMATION PRESTRESSING SUBMARINES

BALLISTIC MISSILE SUBMARINES

GUIDED MISSILE SUBMARINES

TRIDENT SUBMARINE GAS FLOW REINFORCEMENT (STRUCTURES) INCOMPRESSIBLE FLOW KARMAN VORTEX STREET RUPTURING SHEAR STRAIN SHEARING ANTISHIP MISSILES
ANTISHIP WARFARE
ANTISUBMARINE WARFARE TRANSONIC FLOW STRAIN MEASUREMENT STRESS CONCENTRATION STRESS-STRAIN DIAGRAMS SUBSONIC FLUTTER
GS VIBRATION **∞MILITARY VEHICLES** NAVY . STRUCTURAL VIBRATION STRESS-STRAIN RELATIONSHIPS NUCLEAR POWERED SHIPS FLUTTER STRESSES SEAFARER PROJECT SUBSONIC FLUTTER SYSTEM FAILURES SHIP HULLS SUBMERGED BODIES . SELF INDUCED VIBRATION TEMPERATURE INVERSIONS TWISTING TRANSONIC FLUTTER AT VOLUMETRIC STRAIN SUBMERGED BODIES WARPAGE SUBMERGED BODIES
. DIVING (UNDERWATER) GS SUBSONIC SPEED (LESS THAN MACH 1)
RATES (PER TIME)
. SUBSONIC SPEED STRUCTURAL WEIGHT
GS WEIGHT (MASS) UNDERWATER RESEARCH GS STRUCTURAL WEIGHT RT SUBMARINES VELOCITY
SUBSONIC SPEED TORPEDOES TOWED BODIES MASS RATIOS NEW MOONS PROJECT ACOUSTIC VELOCITY UNDERWATER ENGINEERING UNDERWATER PHOTOGRAPHY UNDERWATER STRUCTURES WEIGHT ANALYSIS WEIGHT REDUCTION LOW SPEED TRANSONIC SPEED UNDERWATER VEHICLES WATER IMMERSION STRUTS SUBSONIC WIND TUNNELS STRUCTURAL MEMBERS . STRUTS GS TEST FACILITIES . WIND TUNNELS GS CHASSIS COLUMNS (SUPPORTS) AT SUBMERGING . WIND TUNNELS
. . LOW SPEED WIND TUNNELS
. . SUBSONIC WIND TUNNELS
BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS IMMERSION FRAMES BATHS PYLONS SUPPORTS DIPPING QUENCHING (COOLING) TRUSSES SINKING ∞ SOAKING SUBCRITICAL FLOW WATER IMMERSION
WEIGHTLESSNESS SIMULATION FLUID FLOW . SUBCRITICAL FLOW SUCTION EVACUATING (VACUUM) AT CRITICAL FLOW FLOW CHARACTERISTICS PRESSURE EFFECTS
PRESSURE GRADIENTS SUBMERSIBLE AIRCRAFT GAS FLOW ∞ AIRCRAFT VACUUM LIQUID FLOW MULTIPHASE FLOW ANTISUBMARINE WARFARE AIRCRAFT
LIGHT AIRCRAFT

MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT VACUUM APPARATUS VACUUM PUMPS ORIFICE FLOW PIPE FLOW SUD AVIATION AIRCRAFT
GS SUD AVIATION AIRCRAFT
. ALOUETTE HELICOPTERS PRESSURE GRADIENTS RESEARCH AIRCRAFT SINGLE-PHASE FLOW STEADY FLOW WATER TAKEOFF AND LANDING AIRCRAFT . SA-330 HELICOPTER . SE-3160 HELICOPTER CONCORDE AIRCRAFT STEAM FLOW SUPERCRITICAL FLOW TURBULENT FLOW SUBROC MISSILE MISSILES UNIFORM FLOW UNSTEADY FLOW SA-321 HELICOPTER SE-210 AIRCRAFT BALLISTIC MISSILES . FIELD ARMY BALLISTIC MISSILES VJ-101 AIRCRAFT SUBROC MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES m AIRCRAFT SUBIC PROJECT SUBMARINE INTEGRATED CONTROL . . SUBROC MISSILE
UNDERWATER TO SURFACE MISSILES SUD AVIATION SA-321 HELICOPTER PROJECT USE SA-321 HELICOPTER .. SUBROC MISSILE
UNDERWATER TRAJECTORIES SUBLIMATION PHASE TRANSFORMATIONS . VAPORIZING SUD AVIATION SA-330 HELICOPTER SA-330 HELICOPTER SUBLIMATION ∞ SUBSONIC AIRCRAFT
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS AT ABLATION SUD AVIATION SE-210 AIRCRAFT BENEFICIATION USE SE-210 AIRCRAFT CONDENSING LISTED BELOW) CRYSTALLIZATION DESORPTION AIRCRAFT SUD AVIATION SE-3160 HELICOPTER FLYING PLATFORMS USE SE-3160 HELICOPTER DIFFUSION EVAPORATION GENERAL AVIATION AIRCRAFT GETOL AIRCRAFT SUD VJ-101 AIRCRAFT GAS-METAL INTERACTIONS GLIDERS GROUND EFFECT MACHINES USE VJ-101 AIRCRAFT GAS-SOLID INTERFACES PHASE CHANGE MATERIALS HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT SUMPS PURIFICATION DRAINAGE **PYROMETALLURGY** 

**PARAGLIDERS** 

PITS (EXCAVATIONS)

WASTE DISPOSAL

REFINING

SUPERSONIC BOUNDARY LAYERS SUPERCRITICAL WINGS-(CONT.)
WING PROFILES BOUNDARY LAYERS GS SUPERSONIC BOUNDARY LAYERS
FLUID FLOW SUN SENSORS USE **∞WINGED VEHICLES** LAMINAR BOUNDARY LAYER SUPER FORTRESS AIRCRAFT
USE RB-50 AIRCRAFT SUPERSONICS
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER SUPERFLUID FLOW SUPERFLUIDITY SUPER SABRE AIRCRAFT SUPERFLUIDITY
UF SUPERFLUID FLOW
RT COMPRESSIBLE FLUIDS F-100 AIRCRAFT SUPERSONIC COMBUSTION USE COMBUSTION GS COMPRESSIBLE FLUIDS

FLUIDS
INCOMPRESSIBLE FLUIDS
KELVIN-HELMHOLTZ INSTABILITY
LIQUID HELIUM
LIQUID HELIUM 2
MANY BOOY PROBLEM
QUANTUM STATISTICS
TWO FLUID MODELS
VISCOSITY SUPERALLOYS SUPERSONIC COMBUSTION HEAT RESISTANT ALLOYS ENGINES FUEL COMBUSTION SUPERCAVITATING FLOW SUPERCAVITATION
FLUID FLOW
TURBULENT FLOW
SUPERCAVITATING FLOW SUPERSONIC COMBUSTION RAMJET ENGINES
UF SCRAMJET ENGINES
SCRAMJETS GS SCRAMIC IS
ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES CAVITATION FLOW HYDROFOIL OSCILLATIONS GS VISCOSITY RT SUPERCAVITATION
USE SUPERCAVITATING FLOW SUPERSONIC AIRCRAFT

SN (AIRCRAFT DESIGNED TO FLY AT SPEEDS ABOVE MACH 1 AND BELOW RAMJE I ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES SUPERCHARGERS
UF SUPERCHARGING MACH 5) MACH 5)
TRANSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
A-5 AIRCRAFT
B-58 AIRCRAFT
B-70 AIRCRAFT UF TURBOCHARGERS COMPRESSORS JET ENGINES
RAMJET ENGINES ĞS SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBINE ENGINES SUPERCHARGERS AIR INTAKES AT BOEING 733 AIRCRAFT D-558 AIRCRAFT F-5 AIRCRAFT **BLOWERS** GAS TURBINE ENGINES

JET ENGINES

RAMJET ENGINES CENTRIFUGAL COMPRESSORS COMPRESSING INTERNAL COMBUSTION ENGINES F-8 AIRCRAFT SUPERSONIC COMBUSTION RAMJET ENGINES TURBOCOMPRESSORS TURBOMACHINERY F-14 AIRCRAFT F-15 AIRCRAFT COMBUSTION F-16 AIRCRAFT RT MISSILES RAMJET MISSILES F-17 AIRCRAFT F-100 AIRCRAFT SUPERCHARGING SUPERCHARGERS ~SCRAM F-101 AIRCRAFT SUPERCONDUCTING QUANTUM INTERFEROMETERS F-102 AIRCRAFT F-104 AIRCRAFT SUPERSONIC COMMERCIAL AIR TRANSPORT SCAT
COMMERCIAL AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT F-106 AIRCRAFT
F-111 AIRCRAFT
FIREBEE 2 TARGET DRONE AIRCRAFT SQUID (DETECTORS) GS SUPERCRITICAL AIRFOILS
GS AIRFOILS G-95/4 AIRCRAFT JAGUAR AIRCRAFT TRANSPURT
BOEING 2707 AIRCRAFT
TU-144 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
SUPERSONIC COMMERCIAL AIR SUPERCRITICAL AIRFOILS SUPERCRITICAL WINGS MIG AIRCRAFT MIG AIRCRAFT
MIRAGE AIRCRAFT
, MIRAGE 3 AIRCRAFT
NORD 1500 AIRCRAFT
P-1154 AIRCRAFT
PHANTOM AIRCRAFT AIRFOIL PROFILES RT SUPERCRITICAL FLOW TRANSPORT FLUID FLOW
SUPERCRITICAL FLOW BOEING 2707 AIRCRAFT F-4 AIRCRAFT CRITICAL FLOW FLOW CHARACTERISTICS RF-4 AIRCRAFT
SAAB 37 AIRCRAFT
SR-71 AIRCRAFT
SUPERSONIC TRANSPORTS SUPERSONIC COMPRESSORS
GS COMPRESSORS GAS FLOW SUPERSONIC COMPRESSORS
OBLIQUE SHOCK WAVES LIQUID FLOW MULTIPHASE FLOW SUPERSONIC TRANSPORTS
CL-823 AIRCRAFT
CONCORDE AIRCRAFT
L-2000 AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT TRANSONIC COMPRESSORS
TURBOCOMPRESSORS ORIFICE FLOW PIPE FLOW PRESSURE GRADIENTS SINGLE-PHASE FLOW STEADY FLOW SUPERSONIC CRUISE AIRCRAFT RESEARCH SCAR PROGRAM PROGRAMS **BOEING 2707 AIRCRAFT** STEAM FLOW SUBCRITICAL FLOW ĞS NASA PROGRAMS
SUPERSONIC CRUISE AIRCRAFT
RESEARCH T-38 AIRCRAFT TSR-2 AIRCRAFT TURBULENT FLOW UNSTEADY FLOW VJ-101 AIRCRAFT X-1 AIRCRAFT X-2 AIRCRAFT X-3 AIRCRAFT ∞ AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS RT SUPERCRITICAL FLUIDS FLUID MECHANICS X-15 AIRCRAFT ∞FLUIDS SUPERSONIC DIFFUSERS SOLUBILITY ATTACK AIRCRAFT FIGHTER AIRCRAFT SUPERCRITICAL PRESSURES AIR INTAKES DIFFUSERS HYPERSONIC AIRCRAFT
JET AIRCRAFT
PASSENGER AIRCRAFT EXHAUST DIFFUSERS SUPERCRITICAL PRESSURES FLOW STABILITY PRESSURE VANELESS DIFFUSERS SUPERCRITICAL PRESSURES
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES RECONNAISSANCE AIRCRAFT RESEARCH AIRCRAFT SUBSONIC AIRCRAFT SUPERSONIC DRAG AERODYNAMIC CHARACTERISTICS . AERODYNAMIC DRAG SUPERCRITICAL PRESSURES
CRITICAL PRESSURE
HIGH PRESSURE SUPERSONIC CRUISE AIRCRAFT RESEARCH SUPERSONICS GS SUPERSONIC DRAG AERODYNAMIC FORCES
. AERODYNAMIC DRAG LIQUID PHASES SUPERCRITICAL FLUIDS SWEPTBACK WINGS TRANSPORT AIRCRAFT TRAPEZOIDAL TAIL SURFACES
VARIABLE CYCLE ENGINES
VARIABLE STREAM CONTROL ENGINES SUPERSONIC DRAG DYNAMIC CHARACTERISTICS VAPOR PHASES VAPOR PRESSURE DRAG FRICTION DRAG . AERODYNAMIC DRAG SUPERCRITICAL WINGS AIRFOILS SUPERSONIC AIRFOILS SUPERSONIC DRAG SUPERCRITICAL AIRFOILS . SUPERCRITICAL WINGS AIRFOILS PRESSURE DRAG SUPERSONIC DRAG GS SUPERSONIC AIRFOILS SWEEPBACK SWEPTBACK TAIL SURFACES SWEPTBACK WINGS WINGS FRICTION R1

SUPERCRITICAL WINGS CL-800 CHALLENGER AIRCRAFT SPANLOADER AIRCRAFT

FLOW RESISTANCE

### SUPERSONIC FLIGHT

SUPERSONIC DRAG-(CONT.)
FRICTION DRAG .. AERODYNAMIC DRAG SKIN FRICTION . FRICTION DRAG
. AERODYNAMIC DRAG
. SUPERSONIC DRAG
INTERFERENCE DRAG WAVE DRAG SUPERSONIC FLIGHT

CAUSTIC LINES ∞FLIGHT HYPERSONIC FLIGHT JET LAG MACH CONES MISSILES ROCKET FLIGHT SONIC BOOMS SUPERSONICS TRANSONIC FLIGHT

SUPERSONIC FLOW FLUID FLOW
. SUPERSONIC FLOW GS AERODYNAMICS COMPRESSIBILITY EFFECTS RT COMPRESSIBLE FLOW FLOW VELOCITY GAS FLOW HYPERSONIC FLOW HYPERVELOCITY FLOW MACH CONES PRANDTL-MEYER EXPANSION SECONDARY INJECTION SHOCK WAVES TRANSONIC FLOW WEDGE FLOW WIND TUNNELS

SUPERSONIC FLOW INLETS SUPERSONIC INLETS

SUPERSONIC FLUTTER VIBRATION

. STRUCTURAL VIBRATION FLUTTER . . . SUPERSONIC FLUTTER . . SELF INDUCED VIBRATION ... SUPERSONIC FLUTTER
MISSILE VIBRATION
TRANSONIC FLUTTER

ВT

SUPERSONIC HEAT TRANSFER GS TRANSMISSION

. HEAT TRANSMISSION

... HEAT TRANSFER
... AERODYNAMIC HEAT TRANSFER
... SUPERSONIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER RT

SUPERSONICS

SUPERSONIC INLETS
UF SUPERSONIC FLOW INLETS TRANSONIC INLETS INTAKE SYSTEMS GS

SUPERSONIC INLETS RT

BYPASS RATIO HYPERSONIC INLETS INLET AIRFRAME CONFIGURATIONS INLET FLOW INTERNAL COMPRESSION INLETS

NOSE INLETS

SUPERSONIC JET FLOW FLUID FLOW . JET FLOW

SUPERSONIC JET FLOW RT GAS FLOW NOZZLE FLOW

SUPERSONIC LOW ALTITUDE MISSILE

SI AM ĞŞ MISSILES

. RAMJET MISSILES . . SUPERSONIC LOW ALTITUDE

MISSILE

. SURFACE TO SURFACE MISSILES
.. SUPERSONIC LOW ALTITUDE MISSILE

RT NUCLEAR RAMJET ENGINES PLUTO REACTORS SUPERSONIC LOW ALTITUDE MISSILE-(CONT.)

SUPERSONIC NOZZLES
RT COAXIAL NOZZLES
CONICAL NOZZLES

CONVERGENT-DIVERGENT NOZZLES

HYPERSONIC NOZZLES ∞ NOZZLES

ROCKET NOZZLES SONIC NOZZLES TRANSONIC NOZZLES

VARIABLE STREAM CONTROL ENGINES WIND TUNNEL NOZZLES

SUPERSONIC SPEED

(BETWEEN MACH 1 AND 4.9) GS RATES (PER TIME)
. SUPERSONIC SPEED SUPERSONIC SPEED ACOUSTIC VELOCITY HIGH SPEED HYPERSONIC SPEED

**HYPERSONICS** SUPERSONICS TRANSONIC SPEED

SUPERSONIC TEST APPARATUS
RT HYPERSONIC TEST APPARATUS SUPERSONICS

∞TEST EQUIPMENT
WIND TUNNEL APPARATUS

SUPERSONIC TRANSPORTS
GS SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS ... CL-823 AIRCRAFT .. CONCORDE AIRCRAFT

L-2000 AIRCRAFT
SUPERSONIC COMMERCIAL AIR
TRANSPORT

... BOEING 2707 AIRCRAFT
CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
PASSENGER AIRCRAFT
SUPERSONIC CRUISE AIRCRAFT

RESEARCH

SUPERSONIC TURBINES

TRANSONIC TURBINES
TURBOMACHINERY UF GS . TURBINES

... SUPERSONIC TURBINES
GAS TURBINE ENGINES

RT GAS TURBINES

SUPERSONIC WAKES

WAKES GS . SUPERSONIC WAKES AIRCRAFT WAKES

HYPERSONIC WAKES

SUPERSONIC WIND TUNNELS
GS TEST FACILITIES

WIND TUNNELS
.. SUPERSONIC WIND TUNNELS
BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS RT SHOCK TUNNELS SLOTTED WIND TUNNELS SUBSONIC WIND TUNNELS SUPERHARMONICS

TRANSONIC WIND TUNNELS

SUPERSONICS

FLUID MECHANICS FLUID DYNAMICS

... AERODYNAMICS ... SUPERSONICS
AEROTHERMODYNAMICS

HYPERSONICS MACH CONES

SUPERHARMONICS SUPERSONIC AIRCRAFT SUPERSONIC BOUNDARY LAYERS SUPERSONIC FLIGHT

SUPERSONIC HEAT TRANSFER SUPERSONIC SPEED

SUPERSONIC TEST APPARATUS

SUPPLYING

COMMERCE CONSUMPTION DEMAND (ECONOMICS) FILLING INJECTION MARKETING OUTPUT

SUPPORT SYSTEMS
GS SUPPORT SYSTEMS

GROUND OPERATIONAL SUPPORT SYSTEM . GROUND SUPPORT SYSTEMS . LIFE SUPPORT SYSTEMS . . BIOPAKS

CLOSED ECOLOGICAL SYSTEMS EMERGENCY LIFE SUSTAINING SYSTEMS

**AEPS** 

PORTABLE LIFE SUPPORT SYSTEMS . . AEPS

IMLSS SELF SEALING SERVICES ∞ SYSTEMS

SUPPRESSION USE RETARDING

SURFACE COOLING
GS COOLING

SURFACE COOLING RT CONVECTIVE HEAT TRANSFER EVAPORATIVE COOLING FILM COOLING RADIANT COOLING

RADIATIVE HEAT TRANSFER SURFACES

SWEAT COOLING TEMPERATURE

SURFACE EFFECT SHIPS

UF GS

SURFACE VEHICLES
SURFACE EFFECT SHIPS WATER VEHICLES

SHIPS

. . SURFACE EFFECT SHIPS
CAPTURED AIR BUBBLE VEHICLES ЯT

∞ EFFECTS RESEARCH VEHICLES ∞ SURFACES SWATH (SHIP) ∞ VEHICLES

© SURFACE GEOMETRY
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS

LISTED BELOW) RT CONCAVITY CONVEXITY

COSSERAT SURFACES FLAT SURFACES **FLATNESS** GEOMETRY LAMBERT SURFACE LOFTING PLANFORMS

SHAPES

SURFACE DISTORTION SURFACE LAYERS SURFACE PROPERTIES SURFACE REACTIONS SURFACE ROUGHNESS SURFACE STABILITY ∞ SURFACES

SURFACE INTERACTIONS

SURFACE LAYERS

SURFACE LAYERS GS

. MONOMOLECULAR FILMS ATMOSPHERIC STRATIFICATION

SURFACE REACTIONS

BARRIER LAYERS
BOUNDARY LAYERS CRYSTAL SURFACES ∞LAYERS LUNAR SURFACE

OXIDE FILMS SOLAR GRANULATION SURFACE GEOMETRY
SURFACE TREATMENT

SURFACE TO SURFACE MISSILES-(CONT.)

SURFACE LAYERS-(CONT.)	SURFACE REACTIONS-(CONT.)	SURFACE TO SURFACE MISSILES-(CONT.)
∞ SURFACES	RT CHEMICAL REACTIONS	TOW MISSILES CORPORAL MISSILE
THERMOCLINES	EROSION	. CRUISE MISSILES
∞TRANSITION LAYERS	FLUID-SOLID INTERACTIONS GAS-LIQUID INTERACTIONS	NAVAHO MISSILE
	INTERFACES	TOMAHAWK MISSILES
SURFACE NAVIGATION	METAL SURFACES	FLEET BALLISTIC MISSILES
UF MARINE NAVIGATION	METAL-WATER REACTIONS	POLARIS A1 MISSILE
GS NAVIGATION	SPACECRAFT GLOW	POLARIS A2 MISSILE
SURFACE NAVIGATION RT CELESTIAL NAVIGATION	∞SURFACE GEOMETRY	POLARIS A3 MISSILE POSEIDON MISSILES
RT CELESTIAL NAVIGATION DEAD RECKONING	∞ SURFACES	SUBROC MISSILE
DECCA NAVIGATION	SURFACTANTS	. INTERCONTINENTAL BALLISTIC
DIGITAL NAVIGATION	VAPORIZING	MISSILES
HYPERBOLIC NAVIGATION		ATLAS ICBM
INERTIAL NAVIGATION	SURFACE ROUGHNESS	ATLAS D ICBM
LORAC NAVIGATION SYSTEM	GS ROUGHNESS . <b>Surface Roughness</b>	ATLAS E ICBM
LORAN	SURFACE PROPERTIES	ATLAS F ICBM
NAUTICAL CHARTS	. SURFACE ROUGHNESS	MINUTEMAN ICBM
NAVIGATION AIDS	RT COARSENESS	MX MISSILE
RADAR NAVIGATION RADIO NAVIGATION	FRICTION	TITAN ICBM
SHIPS	LUNAR TOPOGRAPHY	TITAN 2 ICBM
∞SURFACES	MACHINING	. INTERMEDIATE RANGE BALLISTIC
	MECHANICAL PROPERTIES	MISSILES
SURFACE PRESSURE	PROFILOMETERS	BLUE STREAK MISSILE
USE PRESSURE	RUNWAY CONDITIONS	JUPITER MISSILE
	∞ SURFACE GEOMETRY ∞ SURFACES	POLARIS MISSILES
SURFACE PROPERTIES	TOPOGRAPHY	POLARIS A1 MISSILE
UF BARDEEN APPROXIMATION	TO Odita III	POLARIS A2 MISSILE
GS SURFACE PROPERTIES	SURFACE ROUGHNESS EFFECTS	POLARIS A3 MISSILE
. ADHESION	RT ©EFFECTS	LANCE MISSILE MACE MISSILES
. ADSORPTIVITY	FRICTION DRAG	. PERSHING MISSILE
COEFFICIENT OF FRICTION	REFLECTANCE	. REGULUS MISSILE
. INTERFACIAL TENSION	SEPARATED FLOW	. SERGEANT MISSILES
, SPECTRAL REFLECTANCE	SPECKLE PATTERNS	SHORT RANGE BALLISTIC MISSILES
SURFACE CRACKS SURFACE DEFECTS	∞SURFACES	SUPERSONIC LOW ALTITUDE MISSILE
. SURFACE ENERGY		V-1 MISSILE
. SURFACE ROUGHNESS	SURFACE TEMPERATURE	RT AIR TO SURFACE MISSILES
SURFACE STABILITY	GS SURFACE PROPERTIES	BALLISTIC MISSILES
SURFACE TEMPERATURE	. SURFACE TEMPERATURE	HARPOON MISSILE
SKIN TEMPERATURE	. , SKIN TEMPERATURE	RAMJET MISSILES
(NON-BIOLOGICAL)	(NON-BIOLOGICAL)	∞ ROCKETS ∞ SURFACES
WALL TEMPERATURE	WALL TEMPERATURE TEMPERATURE	& SUNFACES
RT ABSORPTANCE	. SURFACE TEMPERATURE	
ALBEDO	SKIN TEMPERATURE	SURFACE TO SURFACE ROCKETS
BIDIRECTIONAL REFLECTANCE	(NON-BIOLOGICAL)	GS ROCKET VEHICLES
COARSENESS COATING	. WALL TEMPERATURE	. SURFACE TO SURFACE ROCKETS
COATINGS	RT COARSENESS	HONEST JOHN ROCKET VEHICLE
COLOR	GEOTHERMAL ANOMALIES	LITTLE JOHN ROCKET VEHICLE RTROCKETS
CONTACT POTENTIALS	OCEAN TEMPERATURE	∞ SURFACES
CONTACT RESISTANCE	SEA SURFACE TEMPERATURE	# SON ACCO
CORROSION	∞ SURFACES	
COSSERAT SURFACES	THERMOCLINES WATER TEMPERATURE	SURFACE WAVES
DIFFUSION	WATER TEMPERATURE	SN (EXCLUDES SURFACE RADIO WAVES)
EFFERVESCENCE	SURFACE TO AIR MISSILES	GS SURFACE WAVES . CAPILLARY WAVES
EMISSIVITY EVANESCENCE	UF GROUND-TO-AIR MISSILES	. GRAVITY WAVES
FINISHES	GS MISSILES	BAROCLINIC WAVES
FLAT SURFACES	SURFACE TO AIR MISSILES	RIPPLES
FOAMING	BLUE GOOSE MISSILE	. ELECTROMAGNETIC SURFACE WAVES
FRICTION	BOMARC MISSILES	. SOMMERFELD WAVES
HARDNESS	BOMARC A MISSILE	RT BOW WAVES
HOT CORROSION	BOMARC B MISSILE CHAPARRAL MISSILE	CNOIDAL WAVES
INTERFACES	HAWK MISSILE	CRUSTAL FRACTURES
JUPITER RED SPOT LUNAR ALBEDO	MAULER MISSILE	ELASTIC WAVES INTERNAL WAVES
LUNAR SURFACE	. NIKE MISSILES	LEE WAVES
LUNAR TOPOGRAPHY	NIKE-AJAX MISSILE	LIQUID SURFACES
MECHANICAL PROPERTIES	NIKE-HERCULES MISSILE	LOVE WAVES
METAL SURFACES	NIKE-ZEUS MISSILE	MICROSONICS
OPTICAL PROPERTIES	PATRIOT MISSILE	P WAVES
PERMEABILITY	REDEYE MISSILE	S WAVES
∞ PHYSICAL PROPERTIES	SPRINT MISSILE	SEA ROUGHNESS
PLANAR STRUCTURES	TALOS MISSILE TARTAR MISSILE	SEISMIC WAVES
PLANETARY SURFACES PROFILOMETERS	. TERRIER MISSILE	SPLASHING SUBFACES
∞PROPERTIES	RT AIR TO AIR MISSILES	∞ SURFACES TROPOSPHERIC WAVES
REFLECTANCE	AIR TO SURFACE MISSILES	TSUNAMI WAVES
ROUGHNESS	ANTIAIRCRAFT MISSILES	WATER CURRENTS
SELENOGRAPHY	ANTIMISSILE MISSILES	WATER WAVES
SOLID SURFACES	NIKE X SYSTEMS	∞WAVES
SOLID-SOLID INTERFACES	RAMJET MISSILES	
SORPTION	∞ ROCKETS	ALIDE A CES
∞ SURFACE GEOMETRY	SENTINEL SYSTEM	∞ <b>SURFACES</b> SN (USE OF A MORE SPECIFIC TERM IS
SURFACE TREATMENT	SPACE WEAPONS SPARTAN MISSILE	RECOMMENDED-CONSULT THE TERMS
∞ SURFACES	SPARTAN MISSILE	LISTED BELOW)
TEXTURES VISCOSITY	modell noco	UF CURVED SURFACES
VOID RATIO	SURFACE TO SURFACE MISSILES	LIFTING SURFACES
WETTABILITY	GS MISSILES	RT AIR TO SURFACE MISSILES
	. SURFACE TO SURFACE MISSILES	AIRFIELD SURFACE MOVEMENTS
SURFACE REACTIONS	ANTITANK MISSILES	AIRPORT SURFACE DETECTION
UF SURFACE INTERACTIONS	SHILLELAGH MISSILES	EQUIPMENT

# **SURGES**

SURFACES-(CONT.)	SUSPENDING (MIXING)-(CONT.)	.=
APOLLO LUNAR SURFACE EXPERIMENTS	RT AERATION	SWEEP ANGLE-(CONT.)  MACH NUMBER
PACKAGE AREA	AGITATION	MACH NUMBER
COLD SURFACES	COLLOIDING	SWEEP EFFECT
CONTROL SURFACES	DISPERSING DISPERSIONS	RT ∞EFFECTS
COSSERAT SURFACES	ENTRAINMENT	FORCE DISTRIBUTION
CRYSTAL SURFACES EARTH SURFACE	FERROFLUIDS	LIFT ∞ LOADING
EASEP	HOMOGENIZING SHAKING	WING LOADING
ELECTROMAGNETIC SURFACE WAVES	STIRRING STIRRING	
ELEVATORS (CONTROL SURFACES)	∞ SUSPENSIONS	SWEEPBACK
EXTERNAL SURFACE CURRENTS		UF SWEEPBACK ANGLES GS GEOMETRY
FERMI SURFACES FLAPS (CONTROL SURFACES)	SUSPENSION SYSTEMS (VEHICLES)	EUCLIDEAN GEOMETRY
FLAT SURFACES	RT BEARINGS FLOTATION	ANGLES (GEOMETRY)
HORIZONTAL TAIL SURFACES	LEVITATION	SWEEP ANGLE
HOT SURFACES	MAGNETIC LEVITATION VEHICLES	<b>Sweepback</b> Leading edge swee
INTERFACES INTERFACIAL TENSION	RIDING QUALITY	RT SUPERSONIC AIRFOILS
LAMBERT SURFACE	SHOCK ABSORBERS SPRINGS (ELASTIC)	
LIQUID SURFACES	STEERING	SWEEPBACK ANGLES
LSSM LUNAR SURFACE	SUSPENDING (HANGING)	USE SWEEPBACK
LUNAR SURFACE VEHICLES	∞ SUSPENSIONS	SWELLING
MANNED LUNAR SURFACE VEHICLES	∞SYSTEMS TOROIDAL WHEELS	RT DISTORTION
MARS SURFACE	UNDERCARRIAGES	EXPANSION
MARS SURFACE SAMPLES MENISCI	VEHICLE WHEELS	GROWTH
METAL SURFACES	VEHICULAR TRACKS	INCREASING
MINIMAL SURFACES	VIBRATION ISOLATORS	INFLATING SPREADING
OCEAN SURFACE	∞ SUSPENSIONS	o, ne bing
PLANETARY SURFACES	SN (USE OF A MORE SPECIFIC TERM IS	SWEPT FORWARD WINGS
SATELLITE SURFACES SIZING (SURFACE TREATMENT)	RECOMMENDED-CONSULT THE TERMS	GS AIRFOILS
SOLID SURFACES	LISTED BELOW)	. WINGS SWEPT WINGS
SURFACE COOLING	RT BROWNIAN MOVEMENTS DISPERSIONS	SWEPT FORWARD WINGS
SURFACE CRACKS	FERROFLUIDS	TRAPEZOIDAL WINGS
SURFACE DEFECTS SURFACE DIFFUSION	SOLID SUSPENSIONS	PLANFORMS
SURFACE DISTORTION	SUSPENDING (HANGING)	. Wing Planforms <b>Swept Forward Wings</b>
SURFACE EFFECT SHIPS	SUSPENDING (MIXING) SUSPENSION SYSTEMS (VEHICLES)	. TRAPEZOIDAL WINGS
SURFACE ENERGY	GOSPENSION SYSTEMS (VEHICLES)	RT SWEPTBACK WINGS
SURFACE FINISHING ∞SURFACE GEOMETRY	SUSTAINER ROCKET ENGINES	VARIABLE SWEEP WINGS
SURFACE IONIZATION	GS ENGINES	X-29 AIRCRAFT
SURFACE LAYERS	ROCKET ENGINES	SWEPT WINGS
SURFACE NAVIGATION	Sustainer rocket engines  RT BOOSTER ROCKET ENGINES	UF CRANKED WINGS
SURFACE PROPERTIES SURFACE REACTIONS	DUCTED ROCKET ENGINES	DIAMOND WINGS
SURFACE ROUGHNESS	ELECTRIC ROCKET ENGINES	TAPERED WINGS
SURFACE ROUGHNESS EFFECTS	ELECTROSTATIC ENGINES	GS AIRFOILS . WINGS
SURFACE STABILITY	ELECTROTHERMAL ENGINES HYBRID PROPELLANT ROCKET ENGINES	. SWEPT WINGS
SURFACE TEMPERATURE SURFACE TO AIR MISSILES	INTERNAL COMBUSTION ENGINES	SWEPT FORWARD WINGS
SURFACE TO SURFACE MISSILES	ION ENGINES	TRAPEZOIDAL WINGS
SURFACE TO SURFACE ROCKETS	LAUNCH VEHICLES	SWEPTBACK WINGS
SURFACE VEHICLES	LIQUID AIR CYCLE ENGINES	DELTA WINGS
SURFACE WATER SURFACE WAVES	LIQUID PROPELLANT ROCKET ENGINES NUCLEAR ENGINE FOR ROCKET	TRAPEZOIDAL WINGS
SWEPTBACK TAIL SURFACES	VEHICLES	RT A-300 AIRCRAFT
T TAIL SURFACES	NUCLEAR ROCKET ENGINES	A-310 AIRCRAFT
TABS (CONTROL SURFACES)	RESTARTABLE ROCKET ENGINES	A-320 AIRCRAFT FIXED WINGS
TAIL SURFACES	SOLID PROPELLANT ROCKET ENGINES STAGE SEPARATION	SPANLOADER AIRCRAFT
TOWNSEND AVALANCHE TRAPEZOIDAL TAIL SURFACES	∞ SUSTAINING	UNSWEPT WINGS
TWO DIMENSIONAL BODIES	TURBOROCKET ENGINES	WING PLANFORMS
UNDER SURFACE BLOWING	TX-354 ENGINE	SWEPTBACK TAIL SURFACES
UNDERWATER TO SURFACE MISSILES UPPER SURFACE BLOWING	∞ SUSTAINING	GS PLANFORMS
UPPER SURFACE BLOWN FLAPS	SN (USE OF A MORE SPECIFIC TERM IS	SWEPTBACK TAIL SURFACES
VENUS SURFACE	RECOMMENDED-CONSULT THE TERMS	TAIL SURFACES
WEAR	LISTED BELOW)	SWEPTBACK TAIL SURFACES RT CONTROL SURFACES
	RT LIFE SUPPORT SYSTEMS SUPPORTS	RT CONTROL SURFACES HYPERSONIC AIRCRAFT
SURGES	SUSTAINER ROCKET ENGINES	RUDDERS
UF TRANSIENTS (SURGES) RT CIRCUIT PROTECTION	SOUTH TOOKET ENGINES	STABILIZERS (FLUID DYNAMICS)
RT CIRCUIT PROTECTION FLUID FLOW	SWEAT COOLING	SUPERSONIC AIRFOILS
OVERVOLTAGE	UF TRANSPIRATION COOLING	∞SURFACES T TAIL SURFACES
STORM SURGES	GS COOLING	TRAPEZOIDAL TAIL SURFACES
VARIATIONS	. Evaporative cooling <b>Sweat cooling</b>	
WATER HAMMER ∞WAVES	RT FILM COOLING	SWEPTBACK WINGS
WIINTED	LIQUID COOLING	GS AIRFOILS
SUSPENDING (HANGING)	SURFACE COOLING	. WINGS SWEPT WINGS
GS SUSPENDING (HANGING)	<b>511777</b>	SWEPTBACK WINGS
. MAGNETIC SUSPENSION	SWEEP ANGLE GS GEOMETRY	ARROW WINGS
RT GYROSCOPE FLUIDS	GS GEOMETRY . EUCLIDEAN GEOMETRY	DELTA WINGS
MOUNTING SUSPENSION SYSTEMS ASSURED	. ANGLES (GEOMETRY)	TRAPEZOIDAL WINGS PLANFORMS
SUSPENSION SYSTEMS (VEHICLES)  SUSPENSIONS	SWEEP ANGLE	. WING PLANFORMS
are an energy of	SWEEPBACK	. SWEPTBACK WINGS
SUSPENDING (MIXING)	LEADING EDGE SWEEP RT AERODYNAMIC STALLING	ARROW WINGS
GS MIXING	ANGLE OF ATTACK	DELTA WINGS TRAPEZOIDAL WINGS
. SUSPENDING (MIXING)	BOUNDARY LAYER SEPARATION	RT HYPERSONIC AIRCRAFT

CONT:	T TAIL SURFACES-(CONT.)	T-36 ENGINE
SWEPTBACK WINGS-(CONT.)	PT CONTROL SURFACES	GS AIRCRAFT ENGINES
SUPERSONIC AIRCRAFT	STABILIZERS (FLUID DYNAMICS)	, T-38 ENGINE
SUPERSONIC AIRFOILS	∞ SURFACES	ENGINES
SWEPT FORWARD WINGS	SWEPTBACK TAIL SURFACES	. INTERNAL COMBUSTION ENGINES
VARIABLE SWEEP WINGS	TAIL ASSEMBLIES	GAS TURBINE ENGINES
		JET ENGINES
SWING TAIL ASSEMBLIES	T-2 AIRCRAFT	TURBOJET ENGINES TURBOPROP ENGINES
GS ASSEMBLIES	UF BUCKEYE AIRCRAFT	T-38 ENGINE
TAIL ASSEMBLIES	T2J AIRCRAFT	TURBINE ENGINES
SWING TAIL ASSEMBLIES	YT-2 AIRCRAFT	. GAS TURBINE ENGINES
RT AFTERBODIES	GS ATTACK AIRCRAFT	JET ENGINES
AIRCRAFT PARTS AIRCRAFT STRUCTURES	T-2 AIRCRAFT	TURBOJET ENGINES
AIRCHAPT STRUCTURES	JET AIRCRAFT	TURBOPROP ENGINES
	. T-2 AIRCRAFT	T-38 ENGINE
SWING WINGS	MONOPLANES	
GS AIRFOILS , WINGS	T-2 AIRCRAFT	T-39 AIRCRAFT
. SWING WINGS	NORTH AMERICAN AIRCRAFT	UF SABRELINER AIRCRAFT
RT AIRCRAFT PARTS	T-2 AIRCRAFT	T3J AIRCRAFT
AIRCRAFT STRUCTURES	SINGLE ENGINE AIRCRAFT	GS JET AIRCRAFT
WING PLANFORMS	. T-2 AIRCRAFT	T-39 AIRCRAFT
WING PROFILES	TRAINING AIRCRAFT	MONOPLANES
***************************************	. T-2 AIRCRAFT	T-39 AIRCRAFT
SWIRLING	RT ∞AIRCRAFT	NORTH AMERICAN AIRCRAFT
RT AGITATION		. T-39 AIRCRAFT
CENTRIFUGING	T-28 AIRCRAFT	PASSENGER AIRCRAFT
DISPERSING	UF TROJAN AIRCRAFT	T-39 AIRCRAFT
FOAMING	GS MONOPLANES	TRAINING AIRCRAFT
MIXING	. T-28 AIRCRAFT	. T-39 AIRCRAFT
∞ SEPARATION	NORTH AMERICAN AIRCRAFT	UTILITY AIRCRAFT
SHAKING	T-28 AIRCRAFT	T-39 AIRCRAFT
STIRRING	SINGLE ENGINE AIRCRAFT	RT ∞AIRCRAFT
O I II I I I I I	. T-20 AIRCRAFT	CARGO AIRCRAFT
SWIRLING WAKES	TRAINING AIRCRAFT	
USE TURBULENT WAKES	. T-28 AIRCRAFT	T-53 ENGINE
USE TORBULLIN WARES	RT ∞AIRCRAFT	GS ENGINES
		AIR BREATHING ENGINES
SYMMETRICAL BODIES	T-33 AIRCRAFT	GAS TURBINE ENGINES
GS SYMMETRICAL BODIES	UF F-80 AIRCRAFT	JET ENGINES
. AXISYMMETRIC BODIES	SHOOTING STAR AIRCRAFT	TURBOJET ENGINES
. BODIES OF REVOLUTION	GS JET AIRCRAFT	TURBOPROP ENGINES
CONICAL BODIES	. T-33 AIRCRAFT	T-53 ENGINE
SLENDER CONES	LOCKHEED AIRCRAFT	INTERNAL COMBUSTION ENGINES
CYLINDRICAL BODIES	. T-33 AIRCRAFT	. GAS TURBINE ENGINES
ROTATING CYLINDERS	MONOPLANES	JET ENGINES
PARABOLIC BODIES	. T-33 AIRCRAFT	TURBOJET ENGINES
SPHERES	SINGLE ENGINE AIRCRAFT	TURBOPROP ENGINES
CELESTIAL SPHERE	. T-33 AIRCRAFT	T-53 ENGINE
CONCENTRIC SPHERES	TRAINING AIRCRAFT	TURBINE ENGINES
FALLING SPHERES	. T-33 AIRCRAFT	. GAS TURBINE ENGINES
POINCARE SPHERES	RT mAIRCRAFT	JET ENGINES
ROTATING SPHERES		TURBOJET ENGINES
TORUSES	T-34 ENGINE	TURBOPROP ENGINES
ELLIPSOIDS	GS AIRCRAFT ENGINES	T-53 ENGINE
. LENTICULAR BODIES	. T-34 ENGINE	RT HELICOPTER ENGINES
. STREAMLINED BODIES	ENGINES	
. FAIRINGS RT AXES OF ROTATION	. INTERNAL COMBUSTION ENGINES	T-55 ENGINE
	GAS TURBINE ENGINES	GS AIRCRAFT ENGINES
BLUNT BODIES	JET ENGINES	, T-55 ENGINE
∞ BODIES	TURBOJET ENGINES	RT HELICOPTER ENGINES
CONES FINNED BODIES	TURBOPROP ENGINES	RI NELIOOFTEN ENGINES
FLARED BODIES	T-34 ENGINE	
	TURBINE ENGINES	T-56 ENGINE
GEOIDS	. GAS TURBINE ENGINES	GS ENGINES
OGIVES SLENDER BODIES	JET ENGINES	. AIR BREATHING ENGINES
SPINNING UNGUIDED ROCKET	TURBOJET ENGINES	GAS TURBINE ENGINES
TRAJECTORY	TURBOPROP ENGINES	JET ENGINES TURBOJET ENGINES
IMADECION	T-34 ENGINE	[UMBOJET ENGINES
	RT C-133 AIRCRAFT	TURBOPROP ENGINES
SYNOPTIC MEASUREMENT		<b>T-56 ENGINE</b> INTERNAL COMBUSTION ENGINES
RT ∞MEASUREMENT	T-37 AIRCRAFT	INTERNAL COMBUSTION ENGINES
NEPHANALYSIS	GS CESSNA AIRCRAFT	GAS TURBINE ENGINES
	T-37 AIRCRAFT	JET ENGINES
SYNTHETIC FUELS	JET AIRCRAFT	TURBOJET ENGINES TURBOPROP ENGINES
GS FUELS	T-37 AIRCRAFT	
CHEMICAL FUELS	MONOPLANES	T-56 ENGINE
SYNTHETIC FUELS	. T-37 AIRCRAFT	. TURBINE ENGINES
GASOHOL (FUEL)	TRAINING AIRCRAFT	GAS TURBINE ENGINES JET ENGINES
, SYNTHANE	T-37 AIRCRAFT	JET ENGINES
RT CHEMICAL REACTIONS	RT A-37 AIRCRAFT	TURBOJET ENGINES TURBOPROP ENGINES
CLEAN FUELS	∞ AIRCRAFT	IURBUPRUP ENGINES
FISCHER-TROPSCH PROCESS	<del></del>	T-56 ENGINE
HYDROCARBON FUELS	T-38 AIRCRAFT	RT C-130 AIRCRAFT
LIQUID FUELS	UF TALON AIRCRAFT	
∞ SYNTHESIS	GS JET AIRCRAFT	T-58 ENGINE
SYNTHESIS (CHEMISTRY)	. T-38 AIRCRAFT	GS ENGINES
•	MONOPLANES	. INTERNAL COMBUSTION ENGINES
	T-38 AIRCRAFT	GAS TURBINE ENGINES
	NORTHROP AIRCRAFT	T-58 ENGINE
-	. T-38 AIRCRAFT	. TURBINE ENGINES
T	SUPERSONIC AIRCRAFT	GAS TURBINE ENGINES
	. T-38 AIRCRAFT	T-58 ENGINE
	TRAINING AIRCRAFT	RT AIRCRAFT ENGINES
T TAIL SURFACES	T-38 AIRCRAFT	HELICOPTER ENGINES
GS TAIL SURFACES	RT ∞AIRCRAFT	VERTICAL TAKEOFF AIRCRAFT
. T TAIL SURFACES	111 WARRISON !	

## T-58-GE-8B ENGINE

	E-8B ENGINE	T-78 E	NGINE-(CONT.)	TAIL A	ASSEMBLIES-(CONT.)
GS	ENGINES		TURBOPROP ENGINES		HYDROFOILS
	. AIR BREATHING ENGINES GAS TURBINE ENGINES		T-78 ENGINE . TURBINE ENGINES		MARINE RUDDERS MISSILE STRUCTURES
	T-58-GE-88 ENGINE		GAS TURBINE ENGINES		RUDDERS
	INTERNAL COMBUSTION ENGINES		JET ENGINES		SAILS
	GAS TURBINE ENGINES		TURBOJET ENGINES		STABILIZERS (FLUID DYNAMICS)
	T-58-GE-8B ENGINE		TURBOPROP ENGINES		T TAIL SURFACES
	. TURBINE ENGINES		T-78 ENGINE		VANES
	GAS TURBINE ENGINES T-68-GE-8B ENGINE		4001TD01 011TT40T01		
RT	AIRCRAFT ENGINES	GS	(CONTROL SURFACES) AIRFOILS		OUNTINGS
•••	HELICOPTER ENGINES	Go	TABS (CONTROL SURFACES)	USE	TAIL ASSEMBLIES
	VERTICAL TAKEOFF AIRCRAFT		CONTROL SURFACES		N ANDS
			. TABS (CONTROL SURFACES)		PLANES HORIZONTAL TAIL SURFACES
T-63 EN	IGINE	RT	AERIAL RUDDERS	USL	MONIZONTAL TAIL SUNFACES
GS	AIRCRAFT ENGINES		AILERONS	TAIL E	IOTORS
	. T-63 ENGINE		CONTROL ELEVATORS (CONTROL SURFACES)	GS	ROTATING BODIES
	ENGINES . INTERNAL COMBUSTION ENGINES		ELEVATORS (CONTROL SURFACES)		. ROTORS
	. GAS TURBINE ENGINES		RUDDERS		TAIL ROTORS
	JET ENGINES		STABILIZERS (FLUID DYNAMICS)		HELICOPTER TAIL ROTORS
	T-63 ENGINE		∞ SURFACES	RT	HELICOPTER CONTROL ROTARY WINGS
	. TURBINE ENGINES				∞ROTOR BLADES
	GAS TURBINE ENGINES JET ENGINES	TACAN UF	TACTICAL AIR NAVIGATION		W.101011 021220
	T-63 ENGINE	GS	NAVIGATION	TAIL S	URFACES
RT	HELICOPTER ENGINES	30	. RADIO NAVIGATION	GS	TAIL SURFACES
			TACAN		. HORIZONTAL TAIL SURFACES
T-64 EN	IGINE	RT	AIR NAVIGATION		. SWEPTBACK TAIL SURFACES
GS	ENGINES		ALL-WEATHER AIR NAVIGATION		. T TAIL SURFACES . TRAPEZOIDAL TAIL SURFACES
	. AIR BREATHING ENGINES		FLIGHT PATHS	RT	CONTROL SURFACES
	GAS TURBINE ENGINES		NAVIGATION AIDS RADAR NAVIGATION		ELEVATORS (CONTROL SURFACES)
	JET ENGINES TURBOJET ENGINES		SOLAR COMPASSES		RUDDERS
	TURBOPROP ENGINES				STABILIZERS (FLUID DYNAMICS)
	T-64 ENGINE	TACHE	STOSCOPES		∞ SURFACES
	. INTERNAL COMBUSTION ENGINES	RT	VISUAL PERCEPTION	TAILLE	SS AIRCRAFT
	. GAS TURBINE ENGINES			UF	FLYING WING AIRCRAFT
	JET ENGINES	GS	METERS DISPLAY DEVICES	GS	TAILLESS AIRCRAFT
	TURBOPROP ENGINES	GS	. SPEED INDICATORS		. AVRO 707 AIRCRAFT
	T-64 ENGINE		. TACHOMETERS		. B-58 AIRCRAFT
	TURBINE ENGINES		MEASURING INSTRUMENTS		F-102 AIRCRAFT
	. GAS TURBINE ENGINES		. INDICATING INSTRUMENTS		. F-106 AIRCRAFT . FD 2 AIRCRAFT
	JET ENGINES		SPEED INDICATORS		. HP-115 AIRCRAFT
	TURBOJET ENGINES	RT	TACHOMETERS AIRCRAFT INSTRUMENTS		. MIRAGE 3 AIRCRAFT
	T-64 ENGINE	- NI	ANGULAR VELOCITY		. SC-1 AIRCRAFT
RT	HELICOPTER ENGINES		TIMING DEVICES		. VULCAN AIRCRAFT
			VELOCITY MEASUREMENT	RT	∞ AIRCRAFT
T-74 EN	GINE				JET AIRCRAFT  ∞ LOW WING AIRCRAFT
GS	ENGINES		PROGRAM		∞ MILITARY AIRCRAFT
	. AIR BREATHING ENGINES	UF	TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM		MONOPLANES
	GAS TURBINE ENGINES JET ENGINES	GS	PROGRAMS		RESEARCH AIRCRAFT
	TURBOJET ENGINES		. NASA PROGRAMS		
	TURBOPROP ENGINES		TACT PROGRAM	TAILOR USE	
	T-74 ENGINE	RT	∞ AERONAUTICS	USE	DESIGN
	. INTERNAL COMBUSTION ENGINES		∞ AIRCRAFT	TAILS (	(ASSEMBLIES)
	GAS TURBINE ENGINES JET ENGINES	TACTY	AL AIR NAVIGATION	USE	TAIL ASSEMBLIES
	TURBOJET ENGINES		TACAN		
	TURBOPROP ENGINES	OOL	1716/41	TAKEO	
	T-74 ENGINE	TAGN		GS	TAKEOFF
	. TURBINE ENGINES	UF	TRIAMINOGUANIDINENITRATE	RT	. VERTICAL TAKEOFF AIR TRAFFIC CONTROL
	GAS TURBINE ENGINES	GS	OXIDIZERS	nı.	AIR TRAFFIC CONTROL
	JET ENGINES		. ROCKET OXIDIZERS		ASCENT
	TURBOPROP ENGINES		PROPELLANTS		CLIMBING FLIGHT
	T-74 ENGINE		. ROCKET PROPELLANTS		JATO ENGINES
AT	HELICOPTER ENGINES		TAGN		LANDING
		RT	EXPLOSIVES		MANEUVERS RUNWAYS
T-76 EN					Nonvaro
GS	AIRCRAFT ENGINES . T-76 ENGINE		SSEMBLIES	TAKEO	FF RUNS
	ENGINES	UF	EMPENNAGE TAIL MOUNTINGS	RT	AIRCRAFT PERFORMANCE
	. INTERNAL COMBUSTION ENGINES		TAILS (ASSEMBLIES)		DISTANCE
	GAS TURBINE ENGINES		VERTICAL TAILS		RUNWAY ALIGNMENT
	JET ENGINES	GS	ASSEMBLIES		SHORT TAKEOFF AIRCRAFT
	THERME ENGINES		. TAIL ASSEMBLIES	TAKEO	FF SYSTEMS
	. TURBINE ENGINES GAS TURBINE ENGINES	RT	SWING TAIL ASSEMBLIES		AIRCRAFT LAUNCHING DEVICES
	JET ENGINES	n,	AERIAL RUDDERS AFTERBODIES		
	T-76 ENGINE		AIRCRAFT PARTS		AIRCRAFT
RT	HELICOPTER ENGINES		AIRCRAFT STRUCTURES	USE	T-38 AIRCRAFT
			AIRFOILS		
T-78 EN			AIRFRAMES		MISSILE
GS	AIRCRAFT ENGINES		BOATTAILS	GS	MISSILES . SURFACE TO AIR MISSILES
	. T-78 ENGINE ENGINES		BODY-WING AND TAIL CONFIGURATIONS    BOOM		. SURFACE TO AIR MISSILES TALOS MISSILE
	INTERNAL COMBUSTION ENGINES		CONTROL SURFACES	RT	BUMBLEBEE PROJECT
	GAS TURBINE ENGINES		ELEVATORS (CONTROL SURFACES)		LIQUID PROPELLANT ROCKET ENGINES
	JET ENGINES		FINS		MULTISTAGE ROCKET VEHICLES
	TURBOJET ENGINES		HORIZONTAL TAIL SURFACES		SOLID PROPELLANT ROCKET ENGINES

			DRONE AIRCRAFT-(CONT.)	TEMPER	ATURE-(CONT.)
	ROTOR HELICOPTERS	IANGEI	TARGETS		. FLAME TEMPERATURE
GS	V/STOL AIRCRAFT . ROTARY WING AIRCRAFT				GAS TEMPERATURE
	. HELICOPTERS	TARGET	RECOGNITION		. GLASS TRANSITION TEMPERATURE . HIGH TEMPERATURE
	TANDEM ROTOR HELICOPTERS	GS	DETECTION		. IGNITION TEMPERATURE
	CH-46 HELICOPTER CH-47 HELICOPTER		TARGET RECOGNITION RECOGNITION		FLASH POINT
	H-25 HELICOPTER		TARGET RECOGNITION		. INLET TEMPERATURE . ION TEMPERATURE
	AIRCRAFT	RT	DISCRIMINATION		LOW TEMPERATURE
			LASER TARGET DESIGNATORS		. CRYOGENIC TEMPERATURE
TANDEM	WING AIRCRAFT		MISSILE DETECTION MISSILE SIGNATURES		. LUNAR TEMPERATURE
	TANDEM WING AIRCRAFT . X-19 AIRCRAFT		MULTISTATIC RADAR		. NEEL TEMPERATURE . NOISE TEMPERATURE
	. X-22A AIRCRAFT		NAP-OF-THE-EARTH NAVIGATION		OPERATING TEMPERATURE
	AIRCHAFT		RADAR HOMING MISSILES RADAR SIGNATURES		PLANETARY TEMPERATURE
	BIPLANES CANARD CONFIGURATIONS		SIGNATURE ANALYSIS		. PLASMA TEMPERATURE
	DUAL WING CONFIGURATIONS		SIGNATURES		. ROOM TEMPERATURE . SATELLITE TEMPERATURE
	JET AIRCRAFT		SURVEILLANCE		SKIN TEMPERATURE (BIOLOGY)
	JOINED WINGS		TARGETS TRADEX RADAR SYSTEM		. SOLAR TEMPERATURE
	RESEARCH AIRCRAFT SUBSONIC AIRCRAFT		HADEX HADAN STOTEM		. SPACE TEMPERATURE
	X-22 AIRCRAFT	TARGET	SIMULATORS		. SPIN TEMPERATURE . STAGNATION TEMPERATURE
		GS	SIMULATORS		STELLAR TEMPERATURE
TANK GE			. TARGET SIMULATORS		. SUBZERO TEMPERATURE
GS	GEOMETRY	AT	COMPUTERIZED SIMULATION		. SURFACE TEMPERATURE
RT	. TANK GEOMETRY LIQUID SLOSHING		DISPLAY DEVICES		SKIN TEMPERATURE (NON-BIOLOGICAL)
rt i	PROPELLANT TANKS	TARTAR	MISSILE		WALL TEMPERATURE
	STORAGE TANKS	GS	MISSILES		. TRANSITION TEMPERATURE
	TANKS (CONTAINERS)		. ANTIAIRCRAFT MISSILES		. WATER TEMPERATURE
	ULLAGE		TARTAR MISSILE		OCEAN TEMPERATURE SEA SURFACE TEMPERATURE
TANKER	AIRCRAFT		SURFACE TO AIR MISSILES TARTAR MISSILE	RT	ABLATIVE MATERIALS
	TRANSPORT AIRCRAFT	8T	AJ-10 ENGINE	***	ADIABATIC CONDITIONS
	. TANKER AIRCRAFT	***	BUMBLEBEE PROJECT		AIR CONDITIONING
RT	AIR TO AIR REFUELING		SOLID PROPELLANT ROCKET ENGINES		BIOLOGICAL EFFECTS
α	AIRCRAFT AIRCRAFT FUELS				CLIMATOLOGY COMFORT
	BOMBER AIRCRAFT	TATB	TRIAMINOTRINITROBENZENE		CONVECTIVE FLOW
	FUEL TANKS	UF GS	EXPLOSIVES		ELECTRON ENERGY
	MILITARY AIRCRAFT	G5	TATB		EMISSIVITY
α	TANKERS VALIANT AIRCRAFT		PROPELLANTS		ENVIRONMENTS FREE CONVECTION
	VALIANT AIRCRAIT		. ROCKET PROPELLANTS		GEOTEMPERATURE
TANKER	SHIPS	RT	TATB ROCKET OXIDIZERS		GIBBS-HELMHOLTZ EQUATIONS
GS	SURFACE VEHICLES	М	HOOKET CABLETTO		HEAT
	. CARGO SHIPS	TAXIING			HEAT SHIELDING
	TANKER SHIPS WATER VEHICLES	RT	AIR TRAFFIC CONTROL		HEAT STORAGE HEATING
	, SHIPS		AIRFIELD SURFACE MOVEMENTS		HUMIDITY
	CARGO SHIPS		RUNWAYS		ISOTHERMS
	TANKER SHIPS	TAVLOS	INSTABILITY		LAPSE RATE
RT	ARTIFICIAL HARBORS DEEPWATER TERMINALS	RT	DENSITY DISTRIBUTION		MELTING POINTS METEOROLOGY
	HARBORS		GOERTLER INSTABILITY		OCEAN THERMAL ENERGY CONVERSION
	MARINE TRANSPORTATION		INTERFACE STABILITY		REFRIGERATING
	OFFSHORE DOCKING		PERTURBATION THEORY ROTATING FLUIDS		SAHA EQUATIONS
	OFFSHORE PLATFORMS SHIPYARDS		TWO DIMENSIONAL FLOW		SURFACE COOLING TEMPERATURE COMPENSATION
	TANKERS				TEMPERATURE CONTROL
	WHARVES	TCV PR			TEMPERATURE DEPENDENCE
		USE	TERMINAL CONFIGURED VEHICLE		TEMPERATURE DISTRIBUTION
	D WINGS		PROGRAM		TEMPERATURE EFFECTS TEMPERATURE GRADIENTS
USE	SWEPT WINGS	TELEOF	ERATOR MANEUVERING SYSTEM		TEMPERATURE INVERSIONS
TARGET	ACQUISITION	USE	TELEOPERATORS		TEMPERATURE MEASUREMENT
GS	ACQUISITION				TEMPERATURE MEASURING
	. TARGET ACQUISITION		FERATORS TELEOPERATOR MANEUVERING SYSTEM		INSTRUMENTS TEMPERATURE PROBES
RT	DETECTION HIGH ALT TARGET AND BACKGROUND	UF GS	CONTROL EQUIPMENT		TEMPERATURE PROFILES
	MEASUREMENT		. TELEOPERATORS		TEMPERATURE RATIO
	MATTS (SYSTEMS)	RT	HUMAN FACTORS ENGINEERING		TEMPERATURE SCALES
	MISSILE DETECTION		MAN MACHINE SYSTEMS		TEMPERATURE SENSORS TEPHIGRAMS
	MOVING TARGET INDICATORS		MANIPULATORS REMOTE CONTROL		THERMAL ABSORPTION
	SOUND RANGING SURVEILLANCE		REMOTE HANDLING		THERMAL ANALYSIS
	TARGETS		ROBOTICS		THERMAL BLOOMING
					THERMAL BOUNDARY LAYER THERMAL BUCKLING
TARGET	DRONE AIRCRAFT	TELESO USE	OPING STRUCTURES FOLDING STRUCTURES		THERMAL COMFORT
GS	DRONE VEHICLES	USE	FOEDING STRUCTURES		THERMAL CONDUCTIVITY
	. DRONE AIRCRAFT TARGET DRONE AIRCRAFT	TEMPE	RATURE		THERMAL CONDUCTIVITY GAGES
	FIREBEE 2 TARGET DRONE	UF	BODY TEMPERATURE (NON-BIOLOGICAL)		THERMAL CONDUCTORS THERMAL CONTROL COATINGS
	AIRCRAFT	GS	TEMPERATURE		THERMAL CYCLING TESTS
	JINDIVIK TARGET AIRCRAFT		. ABSOLUTE ZERO . AMBIENT TEMPERATURE		THERMAL DECOMPOSITION
	PILOTLESS AIRCRAFT DRONE AIRCRAFT		. ATMOSPHERIC TEMPERATURE		THERMAL DEGRADATION
	. TARGET DRONE AIRCRAFT		AURORAL TEMPERATURE		THERMAL DIFFUSION
	FIREBEE 2 TARGET DRONE		. IONOSPHERIC TEMPERATURE		THERMAL DIFFUSIVITY THERMAL DISSOCIATION
	AIRCRAFT		. BODY TEMPERATURE . BRIGHTNESS TEMPERATURE		THERMAL EMISSION
OT	JINDIVIK TARGET AIRCRAFT		COMBUSTION TEMPERATURE		THERMAL ENERGY
	∞AIRCRAFT ∞MILITARY AIRCRAFT		. CRITICAL TEMPERATURE		THERMAL ENVIRONMENTS
	REMOTELY PILOTED VEHICLES		. CURIE TEMPERATURE		THERMAL EXPANSION

#### **TEMPERATURE COMPENSATION**

TEMPERATURE-(CONT.) THERMAL FATIGUE
THERMAL INSTABILITY THERMAL INSULATION THERMAL MAPPING THERMAL NEUTRONS THERMAL NOISE
THERMAL PLASMAS
THERMAL POLLUTION
THERMAL PROTECTION
THERMAL RADIATION THERMAL REACTORS
THERMAL RESISTANCE
THERMAL RESOURCES THERMAL RESOURCES
THERMAL SHOCK
THERMAL SIMULATION
THERMAL STABILITY
THERMAL STRESSES THERMAL VACUUM TESTS
THERMODYNAMIC EFFICIENCY THERMODYNAMIC PROPERTIES VENTILATION

TEMPERATURE COMPENSATION
GS INSTRUMENT COMPENSATION 

**TEMPERATURE** 

TEMPERATURE CONTROL

HEAT REGULATION AIR CONDITIONING RT AUTOMATIC CONTROL AUTOMATIC CONTROL VALVES CHEMICAL REACTION CONTROL COMBUSTION CONTROL ....CONTROL CONTROLLERS COOLING SYSTEMS COOLING SYSTEMS
CRYOSTATS
ENGINE CONTROL
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
EXHAUST SYSTEMS
HEAT SHIELDING

HEATING HEATING EQUIPMENT

HIGH TEMPERATURE TESTS INFRARED SUPPRESSION LOW TEMPERATURE TESTS

MANUAL CONTROL PLASMA COOLING REFRIGERATING REFRIGERATING MACHINERY

REMOTE CONTROL
REUSABLE HEAT SHIELDING
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
SPACECRAFT TEMPERATURE

THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL INSULATION

**THERMOMETERS** THERMOREGULATION THERMOSTATS TRANSPIRATION

VENTILATION WATER HEATING

TEMPERATURE DIFFERENCES
USE TEMPERATURE GRADIENTS

TEMPERATURE DISTRIBUTION
UF TEMPERATURE FIELDS
GS DISTRIBUTION (PROPERTY) . TEMPERATURE DISTRIBUTION AIR CONDITIONING RT

COOLING COOLING SYSTEMS
ENVIRONMENTAL ENGINEERING
FIELD THEORY (PHYSICS) HEAT TREATMENT
HEATING
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMS OCEAN TEMPERATURE
REFRIGERATING
SATELLITE TEMPERATURE TEMPERATURE
THERMAL MAPPING
THERMAL RESOURCES

THERMAL SHOCK

TEMPERATURE DISTRIBUTION-(CONT.)

THERMAL STRESSES
THERMOGRAPHY VENTILATION VERTICAL DISTRIBUTION WATER TEMPERATURE

TEMPERATURE EFFECTS HEAT EFFECTS

PHOTOTHERMOTROPISM RICHARDSON-DUSHMAN EQUATION

THERMAL EFFECTS
THERMOTROPISM AT ABLATION

ABSOLUTE ZERO CHEMICAL EFFECTS ∞ EFFECTS

EFFECTS
ETTINGSHAUSEN EFFECT
GLASS TRANSITION TEMPERATURE
HEAT AFFECTED ZONE
JET BLAST EFFECTS
MAGNETIC EFFECTS
MERNST-ETTINGSHAUSEN EFFECT
PELTIER EFFECTS
PRESSURE EFFECTS
RADIATION

PHESSURE EFFECTS

ARDIATION

REENTRY EFFECTS

SEEBECK EFFECT

SHAPE MEMORY ALLOYS

SOLAR GRANULATION

STERILIZATION EFFECTS

TEMPERATURE
TEMPERATURE DEPENDENCE THERMAL BUCKLING
THERMAL DEGRADATION
THERMAL DISSOCIATION
THERMAL RESISTANCE
THERMAL STRESSES THERMOGRAVIMETRY

THERMOLUMINESCENCE THERMOPHORESIS THERMOPLASTICITY
TIME TEMPERATURE PARAMETER

TEMPERATURE FIELDS
USE TEMPERATURE DISTRIBUTION

TEMPERATURE GRADIENTS
UF TEMPERATURE DIFFERENCES GS

GRADIENTS
. TEMPERATURE GRADIENTS
. THERMOCLINES
ATMOSPHERIC TEMPERATURE
BATHYTHERMOGRAPHS
CHAPMAN-ENSKOG THEORY
CONVECTIVE HEAT TRANSFER
ISOTHERMAL LAYERS
ISOTHERMS ISOTHERMS

NONISOTHERMAL PROCESSES OCEAN TEMPERATURE POTENTIAL GRADIENTS

STRATIFICATION TEMPERATURE THERMAL ANALYSIS THERMAL MAPPING THERMOMIGRATION THERMOPHORESIS

TEMPERATURE INDICATORS
USE INDICATING INSTRUMENTS

TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INSTRUMENTS
USE TEMPERATURE MEASURING
INSTRUMENTS

TEMPERATURE MEASUREMENT UF PYROMETRY

THERMOMETRY

ят ANOMALOUS TEMPERATURE ZONES BOLOMETERS

BRIGHTNESS TEMPERATURE

CRAYONS
GAS TEMPERATURE
HIGH TEMPERATURE

MEASUREMENT
NOISE TEMPERATURE

PYROMETERS

RADIATION PYROMETERS
RESISTANCE THERMOMETERS SATELLITE TEMPERATURE SODAR

SOUND DETECTING AND RANGING

TEMPERATURE

TEMPERATURE MEASUREMENT-(CONT.)
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
THERMOGRAPHY THERMOMETERS

WIND TUNNEL CALIBRATION

TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INDICATORS
TEMPERATURE INSTRUMENTS THERMOGRAMS

MEASURING INSTRUMENTS
. TEMPERATURE MEASURING GS

INSTRUMENTS
BATHYTHERMOGRAPHS
OPTICAL PYROMETERS

**PYROMETERS** 

PYROMETERS
RADIATION PYROMETERS
THERMOCOUPLE PYROMETERS
TEMPERATURE PROBES
PNEUMATIC PROBES
THERMOMETERS

... RESISTANCE THERMOMETERS
ANOMALOUS TEMPERATURE ZONES RT

BOLOMETERS BOMB CALORIMETERS CALORIMETERS DROP CALORIMETERS FLAME CALORIMETERS FLAME PROBES TEMPERATURE THERMISTORS

THERMOCOUPLES THERMOPILES THERMOSTATS TRANSDUCERS

TEMPERATURE PROBES
GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING

INSTRUMENTS TEMPERATURE PROBES

... PNEUMATIC PROBES
TEMPERATURE RT

THERMOCOUPLES

TEMPERATURE PROFILES
RT HEAT TRANSFER
TEMPERATURE
THERMAL ANALYSIS

**TEMPERATURE SENSORS** TEMPERATURE SENSORS
. THERMISTORS GS

ANOMALOUS TEMPERATURE ZONES

**TEMPERATURE** 

TEMPERING

HEAT TREATMENT GS . TEMPERING ANNEALING

HARDENING (MATERIALS)
LASER ANNEALING
METAL WORKING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING

STRETCHING

**TEMPORAL RESOLUTION** 

MULTITEMPORAL ANALYSIS
RESOLUTION
. TEMPORAL RESOLUTION UF GS

RT SPATIAL RESOLUTION

TENSILE TESTS

DESTRUCTIVE TESTS FATIGUE TESTS LOAD TESTS SPECIMEN GEOMETRY STATIC TESTS on TESTS

TERCOM

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM

NAVIGATION AIDS GS

. TERCOM ONBOARD EQUIPMENT AIRBORNE EQUIPMENT

TERCOM AIRCRAFT EQUIPMENT

. . TERCOM DISPLAY DEVICES

FLIGHT INSTRUMENTS

TEST FACILITIES-(CONT.)

SLOTTED WIND TUNNELS

SUPERSONIC WIND TUNNELS

TRANSONIC WIND TUNNELS TEST CHAMBERS TERCOM-(CONT.)
MAP MATCHING GUIDANCE
NAVIGATION INSTRUMENTS ENVIRONMENTAL CHAMBERS COMPARTMENTS GS TEST CHAMBERS
. ANECHOIC CHAMBERS
. PRESSURE CHAMBERS ∞ SYSTEMS .. TRISONIC WIND TUNNELS ARIZONA REGIONAL ECOLOGICAL TEST VIDEO LANDMARK ACQUISITION AND ЯT TRACKING . HYPERBARIC CHAMBERS . VACUUM CHAMBERS SITE ∞ FACILITIES TERMINAL AREA ENERGY MANAGEMENT GS MANAGEMENT TERMINAL AREA ENERGY MANAGEMENT FLIGHT SIMULATORS LABORATORIES REVERBERATION CHAMBERS MODELS
MOTION SIMULATORS
RESEARCH FACILITIES
SHOCK TUBES -CHAMBERS CRYOGENIC WIND TUNNELS DIGITAL TECHNIQUES
SPACE SHUTTLE ORBITERS
SPACE TRANSPORTATION RT ENVIRONMENT MODELS
ENVIRONMENT SIMULATORS ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORIES
ENVIRONMENTAL TESTS SIMULATORS SOLAR SIMULATORS
SPACECRAFT CABIN SIMULATORS
TEST EQUIPMENT SPACECRAFT LANDING THERMAL VACUUM TESTS
VACUUM TESTS
WIND TUNNELS TERMINAL CONFIGURED VEHICLE PROGRAM ∞ TESTS TCV PROGRAM PROGRAMS GS NASA PROGRAMS
TERMINAL CONFIGURED VEHICLE
PROGRAM TEST FIRING FIRING (IGNITING)
. TEST FIRING ∞ TEST EQUIPMENT (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS PPTOCHAMI
AIRCRAFT DESIGN
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
ELECTRONIC CONTROL STATIC FIRING RT ENGINE TESTS FUEL TESTS GROUND TESTS RT LISTED BELOW)
CHECKOUT EQUIPMENT UF TESTERS MISSILE TESTS
PREFIRING TESTS TESTING MACHINES ANALYZERS ASTRIONICS FEEDBACK CONTROL AT PRELAUNCH TESTS
ROCKET FIRING
ROCKET TEST FACILITIES .VEHICLES AUTOMATIC TEST EQUIPMENT TERMINAL GUIDANCE AVIONICS STATIC TESTS GUIDANCE (MOTION)
. TERMINAL GUIDANCE ∞ CAPSULES ~ TESTS CEFOAM CHECKOUT EQUIPMENT CENTRIFUGES LASER GUIDANCE CHECKOUT
DYNAMOMETERS
EARTH TERMINAL MEASUREMENT COMMAND GUIDANCE DESCENT TRAJECTORIES RT TEST PILOTS PERSONNEL GS ENTRY GUIDANCE (STS)
GLIDE PATHS
HOMING
INERTIAL GUIDANCE FLYING PERSONNEL
PILOTS (PERSONNEL)
AIRCRAFT PILOTS SYSTEM ELECTRONIC EQUIPMENT TESTS

EQUIPMENT . TEST PILOTS
. OPERATORS (PERSONNEL)
. PILOTS (PERSONNEL)
. AIRCRAFT PILOTS
. TEST PILOTS MIDCOURSE GUIDANCE FATIGUE TESTING MACHINES FREE FLIGHT TEST APPARATUS REENTRY FREE FLIGHT TEST APPARATUS
FREQUENCY ANALYZERS
GEOPHYSICAL FLUID FLOW CELLS
GROUND SUPPORT EQUIPMENT
HYPERSONIC TEST APPARATUS
IMPACT TESTING MACHINES
LOAD TESTING MACHINES REENTRY GUIDANCE REENTRY TRAJECTORIES REENTRY VEHICLES RENDEZVOUS GUIDANCE SPACECRAFT GUIDANCE TEST RANGES
GS RANGES (FACILITIES) TEST RANGES
. BALLISTIC RANGES
. MISSILE RANGES MEASURING INSTRUMENTS **∞ TERMINALS** (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS MONOSCOPES ONBOARD EQUIPMENT SN ROCKET PROPELLED SLEDS SAMPLERS SIMULATORS TEST FACILITIES . TEST RANGES LISTED BELOW)
CONNECTORS RT . BALLISTIC RANGES DATA PROCESSING TERMINALS ELECTRIC TERMINALS MEADERS SUPERSONIC TEST APPARATUS TEST FACILITIES . MISSILE RANGES DOWNRANGE RT TEST PATTERN GENERATORS DOWNRANGE MEASUREMENT JUMPERS TEST STANDS
WIND TUNNEL MODELS
WIND TUNNELS RANGE SAFETY ROCKET TEST FACILITIES OUTLETS SHIP TERMINALS TERMINAL FACILITIES TEST STANDS

UF TEST BEDS

GS TEST FACILITIES TERRAIN CONTOUR MATCHING NAVIGATION TEST FACILITIES TEST FACILITIES TEST STANDS ANECHOIC CHAMBERS
CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE TERCOM ENGINE TESTS
FLAME DEFLECTORS RΤ TERRAIN FOLLOWING AIRCRAFT
GS TERRAIN FOLLOWING AIRCRAFT
. TSR-2 AIRCRAFT
RT AH-1G HELICOPTER
AH-83 HELICOPTER PREFIRING TESTS
PRELAUNCH TESTS ENGINE TESTING LABORATORIES ENVIRONMENTAL LABORATORIES HYDRAULIC TEST TUNNELS REVERBERATION CHAMBERS ROCKET TEST FACILITIES ROCKET TEST FACILITIES **∞TEST EQUIPMENT** AH-64 HELICOPTER TEST VEHICLES TEST RANGES
. BALLISTIC RANGES
. MISSILE RANGES TEST VEHICLES
. FLIGHT TEST VEHICLES ∞ AIRCRAFT ATTACK AIRCRAFT JET AIRCRAFT LIGHT AIRCRAFT ∞ AIRCRAFT TEST STANDS
TRANSIENT REACTOR TEST FACILITY
WIND TUNNELS ALTITUDE TESTS

\*\*BALLISTIC VEHICLES MILITARY AIRCRAFT
NAP-OF-THE-EARTH NAVIGATION
OBSERVATION AIRCRAFT ∞ CAPSULES BLOWDOWN WIND TUNNELS COMBUSTION WIND TUNNELS CRYOGENIC WIND TUNNELS ELECTRIC MOTOR VEHICLES HIGH ALTITUDE TESTS ∞ SUBSONIC AIRCRAFT UTILITY AIRCRAFT HYPERSONIC VEHICLES
LAUNCH VEHICLES
MISSILE TESTS HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS TERRIER MISSILE MISSILES
REENTRY VEHICLES MISSILES PLASMA JET WIND TUNNELS SHOCK TUNNELS GS ANTIAIRCRAFT MISSILES
. TERRIER MISSILE
SURFACE TO AIR MISSILES RESEARCH AIRCRAFT ROCKET VEHICLES SPACECRAFT HYPERVELOCITY WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS TERRIER MISSILE
BUMBLEBEE PROJECT PLASMA JET WIND TUNNELS SHOCK TUNNELS ∞ TESTS AT TOWED BODIES MULTISTAGE ROCKET VEHICLES ∞ VEHICLES SOLID PROPELLANT ROCKET ENGINES LOW DENSITY WIND TUNNELS LOW SPEED WIND TUNNELS . SUBSONIC WIND TUNNELS TESTERS

RECTANGULAR WIND TUNNELS

USE

TEST EQUIPMENT

TEST BEDS

LISE

TEST STANDS

#### **TESTING**

TESTING TESTS TESTS-(CONT.)
SPACE TRANSPORTATION SYSTEM THERMAL ABSORPTION-(CONT.)
RT ABLATION **FLIGHTS ∞ ABSORPTION** SPACE VEHICLE CHECKOUT PROGRAM ATMOSPHERIC ATTENUATION TESTING MACHINES CHARRING SPIN TESTS TEST EQUIPMENT USE STABILITY TESTS GRAY GAS STATIC TESTS STATISTICAL TESTS **HEAT SINKS PYROLYSIS** ∞ TESTS (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS STROKING TESTS TEMPERATURE TASKS TENSILE TESTS THERMAL AGITATION
USE THERMAL ENERGY LISTED BELOW) TEST FACILITIES UF PRETESTS **TESTING** TEST VEHICLES THERMAL ANALYSIS

UF DIFFERENTIAL THERMAL ANALYSIS ACCELERATED LIFE TESTS TESTING TIME
THERMAL CYCLING TESTS
THERMAL VACUUM TESTS ACCEPTABILITY ACCURACY DTA (ANALYSIS) ADHESION TESTS ∞ANALYZING HEAT TRANSMISSION ULTRASONIC TESTS VACUUM TESTS ALTITUDE TESTS
APPROACH AND LANDING TESTS (STS) TEMPERATURE VIBRATION TESTS BEND TESTS CAPTIVE TESTS CHECKOUT TEMPERATURE GRADIENTS WATER TUNNEL TESTS WEAR TESTS TEMPERATURE PROFILES WELD TESTS THERMAL BOUNDARY LAYER
GS BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
RT HYPERSONIC BOUNDARY LAYER
LAMINAR BOUNDARY LAYER CHEMICAL ANALYSIS CHEMICAL TESTS WIND TUNNEL STABILITY TESTS WIND TUNNEL TESTS COLD FLOW TESTS WING FLOW METHOD TESTS COLD WEATHER TESTS COMPRESSION TESTS X RAY INSPECTION COMPUTATIONAL CHEMISTRY RAYLEIGH-BENARD CONVECTION CONFIDENCE LIMITS
CORROSION TEST LOOPS
CORROSION TESTS
CREEP TESTS TETHERED BALLOONS **TEMPERATURE** KITE BALLOONS EXPANDABLE STRUCTURES UF GS TURBULENT BOUNDARY LAYER . INFLATABLE STRUCTURES THERMAL BUCKLING CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
DAMPING TESTS . BALLOONS BUCKLING THERMAL BUCKLING GS TETHERED BALLOONS METEOROLOGICAL BALLOONS EXPANSION TEMPERATURE DESTRUCTIVE TESTS REELS DROP TESTS DYNAMIC TESTS TEMPERATURE EFFECTS TF-30 ENGINE THERMAL EXPANSION AIRCRAFT ENGINES **EDUCATION** ELECTRIC EQUIPMENT TESTS
ELECTRONIC EQUIPMENT TESTS THERMAL CONDUCTIVITY THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. THERMAL CONDUCTIVITY INTERNAL COMBUSTION ENGINES . GAS TURBINE ENGINES **EMPLOYMENT** ENGINE TESTS
ENVIRONMENTAL TESTS . JET ENGINES
. . TURBOJET ENGINES
. . TURBOFAN ENGINES TRANSPORT PROPERTIES
THERMAL CONDUCTIVITY
AIR CONDUCTIVITY
ATMOSPHERIC CONDUCTIVITY
CONDUCTIVE HEAT TRANSFER FRRORS EVALUATION TURBINE ENGINES **EXAMINATION** EXTRAPOLATION FATIGUE TESTS GAS TURBINE ENGINES ∞ CONDUCTIVITY FLIGHT STABILITY TESTS . . JET ENGINES . . . TURBOJET ENGINES FOURIER LAW HOT-WIRE FLOWMETERS TURBOFAN ENGINES . TF-30 ENGINE **FUEL TESTS** LEWIS NUMBERS FULL SCALE TESTS GROUND TESTS SPECIFIC HEAT TEMPERATURE HARDNESS TESTS **TF-34 ENGINE** THERMOHYDRAULICS HIGH ALTITUDE TESTS
HIGH TEMPERATURE TESTS AIRCRAFT ENGINES TF-34 ENGINE THERMAL CONDUCTIVITY GAGES IMPACT TESTS CONVERTIBLE FAN-SHAFT ENGINES (GAGES FOR MEASURING THERMAL CONDUCTIVITY-EXCLUDES GAGES USING THERMAL CONDUCTIVITY TO LOAD TESTS TFX AIRCRAFT
USE F-111 AIRCRAFT LOW TEMPERATURE TESTS
LUBRICANT TESTS MEASURE OTHER PROPERTIES OR VARIABLES) **∞ MATERIALS TESTS** TH-55 HELICOPTER GS MEASURING INSTRUMENTS MEDIAN (STATISTICS) MISSILE TESTS HUGHES AIRCRAFT
TH-55 HELICOPTER . THERMAL CONDUCTIVITY GAGES TEMPERATURE NONDESTRUCTIVE TESTS V/STOL AIRCRAFT NOTCH TESTS ORBITAL SPACE TESTS . ROTARY WING AIRCRAFT THERMAL CONDUCTORS CONDUCTORS . THERMAL CONDUCTORS PATCH TESTS PATCH TESTS
PERFORMANCE TESTS
PERSONALITY TESTS
PHYSIOLOGICAL TESTS
PREFIRING TESTS
PREFLIGHT ANALYSIS
PRELAUNCH TESTS
PROGRAM VERIFICATION (COMPUTERS) ... TH-55 HELICOPTER ©CONDUCTION
CONDUCTIVE HEAT TRANSFER
ELECTRIC CONDUCTORS **THEODOLITES** MEASURING INSTRUMENTS OPTICAL MEASURING INSTRUMENTS TEMPERATURE TRANSITS **THEODOLITES** THERMAL CONTROL COATINGS .... CINETHEODOLITES
OPTICAL EQUIPMENT COATINGS PROPELLANT TESTS PROVING PSYCHOLOGICAL TESTS THERMAL CONTROL COATINGS . OPTICAL MEASURING INSTRUMENTS ABLATIVE MATERIALS TRANSITS QUALIFICATIONS QUALITY THEODOLITES HEAT SHIELDING CINETHEODOLITES REENTRY SHIELDING REUSABLE HEAT SHIELDING QUALITY CONTROL RT RAILROAD HUMPING TESTS TEMPERATURE RANK TESTS
REACTOR STARTUP TESTS THEODORSEN TRANSFORMATION TEMPERATURE CONTROL AIRFOIL PROFILES RECORDS COMPLEX VARIABLES RELIABILITY THERMAL CONVECTION
USE FREE CONVECTION CONFORMAL MAPPING RESONANCE TESTING COORDINATE TRANSFORMATIONS
JOUKOWSKI TRANSFORMATION RORSCHACH TESTS SALT SPRAY TESTS THERMAL CURRENTS PRESSURE DISTRIBUTION SAMPLING CONVECTIVE FLOW SELECTION SELF TESTS THERMAL ABSORPTION THERMAL CYCLING TESTS **ENERGY ABSORPTION** SHOCK TESTS GS THERMAL ABSORPTION . POLAR CAP ABSORPTION CLOSED CYCLES SNELLEN TESTS

COOLING

SPACE ELECTRIC ROCKET TESTS

#### THERMOCHEMICAL PROPERTIES

THERMAL RADIATION-(CONT.) THERMAL ENERGY-(CONT.)
SOLAR THERMAL ELECTRIC POWER THERMAL CYCLING TESTS-(CONT.)
ENVIRONMENTAL TESTS
FATIGUE TESTS ∞RADIATION
RADIO WAVES
SKY RADIATION PLANTS **TEMPERATURE** HEATING SOLAR RADIATION TEMPERATURE
TEMPERATURE CONTROL SUNLIGHT THERMAL EXPANSION TEMPERATURE EXPANSION
THERMAL EXPANSION THERMODYNAMIC PROPERTIES ULTRAVIOLET RADIATION GS THERMODYNAMIC PROPERTIES THERMAL EXPANSION
THERMAL EXPANSION
BOUSSINESQ APPROXIMATION THERMAL RESISTANCE
UF HEAT RESISTANCE
GS MECHANICAL PROPERTIES THERMAL DEGRADATION ЯT DEGRADATION
THERMAL DEGRADATION DILATOMETRY EXTENSOMETERS
GRUNEISEN CONSTANT THERMAL RESISTANCE
CARBON-CARBON COMPOSITES PYROLYSIS STERILIZATION EFFECTS HEAT TRANSFER
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS MIGH RESISTANCE
HIGH TEMPERATURE LUBRICANTS
HIGH TEMPERATURE TESTS TEMPERATURE DEPENDENCE
TEMPERATURE DEPENDENCE
TEMPERATURE EFFECTS NEEL TEMPERATURE

PHYSICAL PROPERTIES LOW RESISTANCE OXIDATION OXIDATION RESISTANCE TEMPERATURE THERMAL DIFFUSION THERMAL BUCKLING
THERMOPHYSICAL PROPERTIES DIFFUSION RESISTANCE DIFFUSION
THERMAL DIFFUSION
THERMODYNAMIC PROPERTIES
THERMODYNSICAL PROPERTIES
THERMAL DIFFUSION
CHAPMAN-ENSKOG THEORY
CONDUCTION
CONVECTIVE FLOW
ELECTRON DIFFUSION
CAS HEATING SPECIFIC HEAT TEMPERATURE TEMPERATURE EFFECTS
THERMODYNAMIC PROPERTIES THERMAL FATIGUE

GS FATIGUE (MATERIALS)
THERMAL FATIGUE

RT HIGH TEMPERATURE ENVIRONMENTS
METAL FATIGUE RT THERMAL SHOCK COOLING HEATING HIGH TEMPERATURE TESTS GAS HEATING
GASEOUS DIFFUSION
HEAT TRANSFER TEMPERATURE ∞ SHOCK THERMAL INSTABILITY
GS THERMODYNAMIC PROPERTIES
THERMAL INSTABILITY
RT CLEAR AIR TURBULENCE
COMBUSTION STABILITY SHOCK RESISTANCE HEAT TRANSER
KIRKENDALL EFFECT
PECLET NUMBER
SEPARATION
SORET COEFFICIENT
SURFACE DIFFUSION
TEMPERATURE
THERMOCHEMISTRY TEMPERATURE TEMPERATURE DISTRIBUTION THERMODYNAMIC PROPERTIES MAGNETOHYDRODYNAMIC STABILITY THERMAL SIMULATION L SIMULATION
SIMULATION
ENVIRONMENT SIMULATION
THERMAL SIMULATION
ALTITUDE SIMULATION
SOLAR SIMULATION
SOLAR SIMULATION **PYROLYSIS** THERMOCHEMISTRY
THERMOHYDRAULICS
VISCOSITY SPUTTERING GS STELLARATORS TEMPERATURE AT THERMAL DIFFUSIVITY

GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES THERMAL INSULATION SPACE ENVIRONMENT SIMULATION INSULATION . THERMAL INSULATION TEMPERATURE THERMAL DIFFUSIVITY
TRANSPORT PROPERTIES
THERMAL DIFFUSIVITY AIR CONDITIONING ロΤ THERMAL SINKS
USE HEAT SINKS AMBERLITE (TRADEMARK) ASSESTOS ВT TEMPERATURE CORK (MATERIALS) THERMAL STRESSES
SN (EXCLUDES BIOLOGICAL STRESSES) CRYOGENIC FLUID STORAGE VISCOSITY SN GS HEAT STRESSES HEAT SHIELDING THERMAL DISSOCIATION
GS CHEMICAL REACTIONS THERMAL STRESSES HEAT SINKS HEAT TRANSFER ВT COOLING THERMAL DISSOCIATION FATIGUE (MATERIALS) HEAT TRANSMISSION HEATING EQUIPMENT REENTRY SHIELDING DISSOCIATION HEATING TEMPERATURE THERMAL DISSOCIATION
CRACKING (CHEMICAL ENGINEERING)
DECOMPOSITION TEMPERATURE DISTRIBUTION
TEMPERATURE EFFECTS REFRACTORIES
REFRACTORY COATINGS DEGRADATION
GAS DISSOCIATION
HEAT OF DISSOCIATION TEMPERATURE TEMPERATURE CONTROL TROMBE WALLS THERMAL VACUUM TESTS VACUUM TESTS
THERMAL VACUUM TESTS HYDROGEN PRODUCTION IONIZATION ENVIRONMENTAL TESTS
HIGH ALTITUDE ENVIRONMENTS
TEMPERATURE RT PLASMAS (PHYSICS) THERMAL POWER
USE TURBOGENERATORS TEMPERATURE
TEMPERATURE EFFECTS TEST CHAMBERS THERMAL PROTECTION ∞ TESTS THERMAL EFFECTS
USE TEMPERATURE EFFECTS PROTECTION
THERMAL PROTECTION GS VACUUM CHAMBERS ABLATIVE MATERIALS
CARBON-CARBON COMPOSITES
HEAT SHIELDING RT THERMIONIC REACTORS THERMAL EMISSION USE ION ENGINES EMISSION
THERMAL EMISSION HEAT SHIELDING
LUDOX (TRADEMARK)
RADIATION PROTECTION
REENTRY SHIELDING
REUSABLE HEAT SHIELDING NUCLEAR ROCKET ENGINES .. THERMIONIC EMISSION ELECTRON EMISSION EMISSIVITY THERMOCHEMICAL PROPERTIES
GS CHEMICAL PROPERTIES THERMOCHEMICAL PROPERTIES TEMPERATURE EXHAUST EMISSION HEAT OF COMBUSTION
HEAT OF DISSOCIATION
HEAT OF FORMATION
HEAT OF SOLUTION
LATENT HEAT INCANDESCENCE INFRARED ABSORPTION TEMPERATURE THERMAL RADIATION
SN (EMITTED AS THE RESULT OF THERMAL EXCITATION OF MOLECULES)
ELECTROMAGNETIC RADIATION GS HEAT OF FUSION
HEAT OF VAPORIZATION THERMAL ENERGY THERMAL RADIATION

BLACK BODY RADIATION

PHONON BEAMS THERMAL AGITATION UF HEAT OF VAPORIZATION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT OF DISSOCIATION
HEAT OF FORMATION
HEAT OF SOLUTION
LATENT HEAT
HEAT OF FUSION
HEAT OF VAPORIZATION
HEAT OF VAPORIZATION COGENERATION CONCENTRATORS
GREENHOUSE EFFECT ∞ ENERGY FREE ENERGY RT GEOTHERMAL ENERGY CONVERSION GEOTHERMAL RESOURCES HEAT INFRARED RADIATION HEAT LIGHT (VISIBLE RADIATION)
NEAR INFRARED RADIATION HEAT OF FUSION HEAT OF SOLUTION INTERNAL ENERGY NONGRAY GAS NONTHERMAL RADIATION PLANCKS CONSTANT

PLANETARY RADIATION

KINETIC ENERGY LATTICE VIBRATIONS

PHOTOTHERMAL CONVERSION

HEAT BALANCE ∞ PROPERTIES

#### THERMOCOUPLE PYROMETERS

THICK WALLS THERMOMETRY THERMOCOUPLE PYROMETERS MEASURING INSTRUMENTS . TEMPERATURE MEASURING TEMPERATURE MEASUREMENT WALLS THICK WALLS BOILER PLATE INSTRUMENTS THERMOPHYSICAL PROPERTIES

GS THERMODYNAMIC PROPERTIES BULKHEADS **PYROMETERS** REINFORCEMENT (STRUCTURES) THERMOCOUPLE PYROMETERS THERMOPHYSICAL PROPERTIES
CRITICAL POINT STRUCTURAL MEMBERS
THIN WALLS RT GALVANOMETERS
POTENTIOMETERS (INSTRUMENTS) CRITICAL PRESSURE RADIATION PYROMETERS
RESISTANCE THERMOMETERS
TEMPERATURE MEASUREMENT WALL PRESSURE CRITICAL TEMPERATURE WALL TEMPERATURE EMISSIVITY FUSIBILITY THERMOCOUPLES **∞ THICKENERS** HEAT OF SOLUTION LATENT HEAT (USE OF A MORE SPECIFIC TERM IS THERMOELEMENT AMMETERS RECOMMENDED-CONSULT THE TERMS . HEAT OF FUSION . HEAT OF VAPORIZATION MELTING POINTS LISTED BELOW) THERMODYNAMIC COUPLING
GS COUPLING THICKENERS (EQUIPMENT)
THICKENERS (MATERIALS) PYROELECTRICITY THERMODYNAMIC COUPLING SPECIFIC HEAT BCS THEORY THICKENERS (EQUIPMENT) ELECTRON PHONON INTERACTIONS SUPERCRITICAL PRESSURES SEPARATORS CLASSIFIERS THERMAL CONDUCTIVITY
THERMAL DIFFUSION SUPERCONDUCTORS THICKENERS (EQUIPMENT) THERMAL DIFFUSIVITY
THERMAL STABILITY THERMODYNAMIC CYCLES COALESCING CYCLES PRECIPITATORS VAPOR PRESSURE . THERMODYNAMIC CYCLES ∞ THICKENERS ... VOLATILITY PELTIER EFFECTS BRAYTON CYCLE CARNOT CYCLE THICKNESS RATIO ∞ PROPERTIES OTTO CYCLE SEEBECK EFFECT SURFACE ENERGY RATIOS GS RANKINE CYCLE STIRLING CYCLE THICKNESS RATIO AIRFOIL PROFILES THERMAL EXPANSION RT ADIABATIC CONDITIONS THERMOCHEMISTRY CLOSED CYCLES
INTERNAL COMBUSTION ENGINES
LASER PROPULSION FINENESS RATIO THICKNESS THERMOPLASTICITY THIN AIRFOILS ∞ STROKES MECHANICAL PROPERTIES
PLASTIC PROPERTIES THERMODYNAMICS THERMOPLASTICITY THIN AIRFOILS

GS AIRFOILS BOUGUER LAW RT THERMOELASTICITY
GS MECHANICAL PROPERTIES TEMPERATURE EFFECTS . THIN AIRFOILS THERMOPLASTIC RESINS ELASTIC PROPERTIES
THERMOELASTICITY . . THIN WINGS . INFINITE SPAN WINGS AEROTHERMOELASTICITY THERMOSIPHONS AIRFOIL PROFILES RT AEROELASTICITY AEROTHERMODYNAMICS REGENERATORS
. THERMOSIPHONS THICKNESS RATIO HYDROELASTICITY
THERMOELECTRIC GENERATORS CONVECTIVE HEAT TRANSFER m THIN BODIES FREE CONVECTION (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW) SN THERMOELECTRIC MATERIALS ∞ RADIATORS SIPHONING THERMOGRAMS
USE RECORDING INSTRUMENTS RT SLENDER BODIES **THERMOSTATS** THIN PLATES TEMPERATURE MEASURING
INSTRUMENTS CONTROL EQUIPMENT THIN WALLS THERMOSTATS
REGULATORS THIN WINGS THERMOSTATS THERMOGRAPHY SWITCHES INFRARED IMAGERY NONDESTRUCTIVE TESTS (EXCLUDES THIN SURFACE COATINGS SN ELECTRIC SWITCHES AND FILMS) THERMOSTATS
AUTOMATIC CONTROL
CONTROLLERS TEMPERATURE DISTRIBUTION TEMPERATURE MEASUREMENT DIAPHRAGMS (MECHANICS) RT FLAT PLATES THERMAL MAPPING FOILS (MATERIALS) CRYOSTATS METAL PLATES PANELS TEMPERATURE CONTROL **THERMOHYDRAULICS** TEMPERATURE MEASURING PARALLEL PLATES CONVECTIVE HEAT TRANSFER INSTRUMENTS ∞ PLATES FLUID DYNAMICS PLATES (STRUCTURAL MEMBERS) FLUID FLOW THERMOTROPISM ∞ SHEETS HEAT TRANSMISSION ANISOTROPY
TEMPERATURE EFFECTS THICK PLATES ∞HYDRAULICS HYDRODYNAMICS LAMINAR HEAT TRANSFER RADIATIVE HEAT TRANSFER THERMAL CONDUCTIVITY THIN WALLED SHELLS THERMOVISCOELASTICITY
GS MECHANICAL PROPERTIES SHELLS (STRUCTURAL FORMS) . THIN WALLED SHELLS CYLINDRICAL SHELLS THERMAL DIFFUSION
TURBULENT HEAT TRANSFER . ELASTIC PROPERTIES . . VISCOELASTICITY MEMBRANE STRUCTURES METAL SHELLS THERMOVISCOELASTICITY IRREVERSIBLE PROCESSES
STRESS-STRAIN-TIME RELATIONS THERMOMECHANICAL TREATMENT
GS THERMOMECHANICAL TREATMENT ORTHOTROPIC SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER) HOT ISOSTATIC PRESSING
HEAT AFFECTED ZONE
HEAT TREATMENT THETA PINCH SPHERICAL SHELLS PINCH EFFECT RT GS STRESSED-SKIN STRUCTURES TOROIDAL SHELLS . PLASMA PINCH ∞ METALLURGY MICROSTRUCTURE LASER PLASMA INTERACTIONS RT THIN WALLS PLASTIC DEFORMATION PLASMA COMPRESSION WALLS QUENCHING (COOLING)

TREATMENT ROTATING PLASMAS GS . THIN WALLS BULKHEADS SCREW PINCH ZETA PINCH DIAPHRAGMS (MECHANICS) THERMOMETERS

GS MEASURING INSTRUMENTS PARTITIONS (STRUCTURES) SKIN (STRUCTURAL MEMBER)

THICK PLATES
RT FLAT PLATES

∞ SHEETS

THICKNESS

THIN PLATES

METAL PLATES

∞ PLATES
PLATES (STRUCTURAL MEMBERS)

THICK WALLS

**AIRFOILS** THIN AIRFOILS

THIN WINGS

# 188

RT

. TEMPERATURE MEASURING

RESISTANCE THERMOMETERS TEMPERATURE CONTROL TEMPERATURE MEASUREMENT

INSTRUMENTS

TEMPERATURE SCALES

THERMOMETERS

# THRUST PROGRAMMING

			AUNCH VEHICLES-(CONT.)	THRUST-	(CONT.)
THIN W	ngs-(CONT.)	THOR L	THOH AGENA LAUNCH VEHICLE		. ROCKET THRUST
	THIN WINGS		THOR DEETA LAUNCH VEHICLE		RETROTHRUST
	INFINITE SPAN WINGS		ROCKET VEHICLES		. STATIC THRUST
	. WINGS		MULTISTAGE ROCKET VEHICLES		. VARIABLE THRUST
	THIN WINGS		THOR LAUNCH VEHICLES	RT	ACCELERATION (PHYSICS)
	INFINITE SPAN WINGS		THOR ABLE ROCKET VEHICLE		AUXILIARY PROPULSION
RT	AIRFOIL PROFILES		THOR AGENA LAUNCH VEHICLE		BURNING TIME
	FIXED WINGS		THOR DELTA LAUNCH VEHICLE		DUAL THRUST NOZZLES
	FLEXIBLE WINGS	RT	LIQUID PROPELLANT ROCKET ENGINES	or or	FORCE
	THICKNESS RATIO	nı	SOLID PROPELLANT ROCKET ENGINES		JET ENGINES
٥	THIN BODIES		THORAD LAUNCH VEHICLES		NOZZLE THRUST COEFFICIENTS
	UNCAMBERED WINGS		∞ VEHICLES	•	POWER
			# 121 HOELO		PROPULSION
THIXOTE		THORA	D LAUNCH VEHICLES	a	REACTION
RT	GELATION	GS	LAUNCH VEHICLES		ROCKET ENGINES
	GELS		THORAD LAUNCH VEHICLES		ROCKET PROPELLANTS
	LIQUEFACTION		. THOR ABLE ROCKET VEHICLE		SPECIFIC IMPULSE
	NONNEWTONIAN FLOW		THOR AGENA LAUNCH VEHICLE		
٥	PHYSICAL PROPERTIES		THOR DELTA LAUNCH VEHICLE		AUGMENTATION
	SEMISOLIDS		ROCKET VEHICLES	GS	AUGMENTATION
	SOLUBILITY		THORAD LAUNCH VEHICLES		THRUST AUGMENTATION
	VISCOSITY		. THOR ABLE ROCKET VEHICLE	RT	AFTERBURNING
			THOR AGENA LAUNCH VEHICLE		COANDA EFFECT
THOR A	BLE ROCKET VEHICLE		THOR DELTA LAUNCH VEHICLE		HIGH THRUST
GS	LAUNCH VEHICLES	RT	LIQUID PROPELLANT ROCKET ENGINES		SECONDARY INJECTION SHROUDED PROPELLERS
	THOR LAUNCH VEHICLES		THOR LAUNCH VEHICLES		
	THOR ABLE ROCKET VEHICLE		∞ VEHICLES		VARIABLE THRUST WATER INJECTION
	THORAD LAUNCH VEHICLES				MATER INDECTION
	THOR ABLE ROCKET VEHICLE	THREE	DIMENSIONAL BODIES		
	ROCKET VEHICLES	AT	AERODYNAMIC CONFIGURATIONS		BEARINGS
	MULTISTAGE ROCKET VEHICLES		∞ BODIES	GS	BEARINGS
	THOR LAUNCH VEHICLES THOR ABLE ROCKET VEHICLE		BOUNDARY VALUE PROBLEMS		. THRUST BEARINGS
	THORAD LAUNCH VEHICLES		FLOW DISTRIBUTION	RT	ANTIFRICTION BEARINGS
	THOMAD LAUNCH VEHICLES				BALL BEARINGS
	THOR ABLE ROCKET VEHICLE	THREE	DIMENSIONAL BOUNDARY LAYER		GAS BEARINGS
RT	EXPLORER 6 SATELLITE LIQUID PROPELLANT ROCKET ENGINES	GS	BOUNDARY LAYERS		ROLLER BEARINGS
	PIONEER 1 SPACE PROBE		. THREE DIMENSIONAL BOUNDARY		
	PIONEER 5 SPACE PROBE		LAYER	THRUST	CHAMBERS
	SOLID PROPELLANT ROCKET ENGINES	RT	AXISYMMETRIC FLOW	UF	ROCKET CHAMBERS
	TIROS 1 SATELLITE		BOUNDARY LAYER TRANSITION	RT	ARC CHAMBERS
	IIIOS I GATELLITE		COMPRESSIBLE BOUNDARY LAYER	,	∞ CHAMBERS
			LAMINAR BOUNDARY LAYER		COMBUSTION CHAMBERS
	GENA LAUNCH VEHICLE		∞ LAYERS		DIVERGENT NOZZLES
GS	LAUNCH VEHICLES . THOR LAUNCH VEHICLES		SECONDARY FLOW		ROCKET ENGINE CASES
	. THOR AGENA LAUNCH VEHICLE		TURBULENT BOUNDARY LAYER		
	THORAD LAUNCH VEHICLES		VELOCITY DISTRIBUTION	THRUST	CONTROL
	. THOR AGENA LAUNCH VEHICLE		CHITCHEN PLOW	GS	THRUST CONTROL
	ROCKET VEHICLES		DIMENSIONAL FLOW		. THRUST VECTOR CONTROL
	MULTISTAGE ROCKET VEHICLES	GS	FLUID FLOW . PARALLEL FLOW	RT	ATTITUDE CONTROL
	THOR LAUNCH VEHICLES		. THREE DIMENSIONAL FLOW		∞ CONTROL
	THOR AGENA LAUNCH VEHICLE		TRANSLATIONAL MOTION		CONTROL ROCKETS
	THORAD LAUNCH VEHICLES		. THREE DIMENSIONAL MOTION		ENGINE CONTROL
	THOR AGENA LAUNCH VEHICLE		. THREE DIMENSIONAL FLOW		JET CONTROL
RT	AGENA A ROCKET VEHICLE		KARMAN-BODEWADT FLOW		® REACTION CONTROL
•••	AGENA B RANGER PROGRAM		SECONDARY FLOW		ROCKET ENGINE CONTROL SATELLITE CONTROL
	AGENA ROCKET VEHICLES	RT	AXIAL FLOW		TURBOJET ENGINE CONTROL
	DISCOVERER SATELLITES		CONICAL FLOW		VARIABLE THRUST
	EXPLORER 31 SATELLITE		FLOW GEOMETRY		VARIABLE (HROS)
	EXPLORER 34 SATELLITE		HELICAL FLOW		
	EXPLORER 35 SATELLITE		ONE DIMENSIONAL FLOW		I DISTRIBUTION
	EXPLORER 36 SATELLITE		ROSHKO PREDICTION	RT	AERODYNAMIC FORCES
	LIQUID PROPELLANT ROCKET ENGINES		SPHERICAL WAVES		∞ DISTRIBUTION FORCE DISTRIBUTION
	NIMBUS SATELLITES		TWO DIMENSIONAL FLOW		LEADING EDGES
	NIMBUS 1 SATELLITE		WEDGE FLOW		PRESSURE DISTRIBUTION
	NIMBUS 2 SATELLITE				VORTICES
	OGO-3	THRE	E DIMENSIONAL MODELS		WING PLANFORMS
		GS	MODELS		Wild I Ball Crimo
	DELTA LAUNCH VEHICLE		THREE DIMENSIONAL MODELS		* 1 0 4 DE
UF	ECHO 1 CARRIER ROCKET	RT	COMPUTATIONAL GRIDS		T LOADS LOADS (FORCES)
GS	LAUNCH VEHICLES . THOR LAUNCH VEHICLES		COMPUTER AIDED DESIGN	GS	DYNAMIC LOADS
	. THOR DELTA LAUNCH VEHICLE		COMPUTERIZED SIMULATION		. THRUST LOADS
	THORAD LAUNCH VEHICLES		MATHEMATICAL MODELS	RT	AERODYNAMIC LOADS
	. THOR DELTA LAUNCH VEHICLE		TWO DIMENSIONAL MODELS	N.	AXIAL COMPRESSION LOADS
	ROCKET VEHICLES				AXIAL LOADS
	MULTISTAGE ROCKET VEHICLES	THRO	ATS		COMPRESSION LOADS
	. THOR LAUNCH VEHICLES	SN	(NON BIOLOGICAL)		JET THRUST
	THOR DELTA LAUNCH VEHICLE	AT	CARBURETORS		ROCKET THRUST
	THORAD LAUNCH VEHICLES		∞CHANNELS		STRUCTURAL DESIGN CRITERIA
	THOR DELTA LAUNCH VEHICLE		CHOKES (RESTRICTIONS)		
RT	ARIEL SATELLITES		DUCTS NO.27 E GEOMETRY	THRUS	T MEASUREMENT
•••	ECHO 1 SATELLITE		NOZZLE GEOMETRY	GS	MECHANICAL MEASUREMENT
	EXPLORER SATELLITES		NOZZLE INSERTS		. THRUST MEASUREMENT
	LIQUID PROPELLANT ROCKET ENGINES		NOZZLE WALLS	RT	ACCELEROMETERS
	OSO		ORIFICES	•••	DYNAMOMETERS
	RELAY SATELLITES				∞ FORCE
	SOLID PROPELLANT ROCKET ENGINES	THRU	ST THOUGH DOWER		∞ MEASUREMENT
	SYNCOM SATELLITES	UF	THRUST POWER		
	TELSTAR SATELLITES	GS	THRUST	THRU	T POWER
			. HIGH THRUST . JET THRUST	USE	THRUST
	LAUNCH VEHICLES		. LEADING EDGE THRUST		
GS	LAUNCH VEHICLES		. LOW THRUST		T PROGRAMMING
	. THOR LAUNCH VEHICLES THOR ABLE ROCKET VEHICLE		. MICROTHRUST	UF	OPTIMUM THRUST PROGRAMMIN
	IHOH ABLE HOURE! VEHICLE				

THOR LAUNCH VEHICLES
GS LAUNCH VEHICLES
. THOR LAUNCH VEHICLES
. THOR ABLE ROCKET VEHICLE

#### THRUST REVERSAL

THRUST PROGRAMMING-(CONT.)
GS PROGRAMMING (SCHEDULING)
. THRUST PROGRAMMING TILT WING AIRCRAFT-(CONT.) TIPS FAN IN WING AIRCRAFT RESEARCH AIRCRAFT SHORT TAKEOFF AIRCRAFT BLADE TIPS CRACK TIPS FLIGHT MECHANICS FLIGHT OPTIMIZATION V-22 AIRCRAFT . NOSE TIPS FLIGHT PLANS V/STOL AIRCRAFT VERTICAL TAKEOFF AIRCRAFT . WING TIPS AIRFOIL PROFILES ORBITAL MECHANICS PARKING ORBITS RT X-22 AIRCRAFT **EDGES** PROPULSIVE EFFICIENCY TIRES TRAJECTORY CONTROL TILTED PROPELLERS PROPELLERS TILTED PROPELLERS TIRES GS GS THRUST REVERSAL
RT AIRCRAFT BRAKES
BRAKES (FOR ARRESTING MOTION) AIRCRAFT TIRES RT BLOWOUTS HELICOPTER PROPELLER DRIVE INFLATABLE STRUCTURES LANDING GEAR BRAKING TILTING ROLLERS DECELERATION USE ATTITUDE (INCLINATION) TOROIDAL WHEELS THRUST TERMINATION TILTING ROTORS VEHICLE WHEELS STOPPING GS AIRFOILS GS WHEEL BRAKES THRUST TERMINATION . WINGS WHEELS ЯT BURNOUT . ROTARY WINGS ROCKET THRUST TITAN ICEM STAGE SEPARATION ROTATING BODIES MISSILES VARIABLE THRUST ROTORS . BALLISTIC MISSILES . ROTARY WINGS .. INTERCONTINENTAL BALLISTIC THRUST VECTOR CONTROL ... TILTING ROTORS
TILT ROTOR AIRCRAFT MISSILES TVC (CONTROL) ATTITUDE CONTROL RT TITAN ICEM GS V-22 AIRCRAFT ... TITAN 1 ICBM
... TITAN 2 ICBM
... SURFACE TO SURFACE MISSILES DIRECTIONAL CONTROL XV-3 AIRCRAFT THRUST VECTOR CONTROL FLIGHT CONTROL .. INTERCONTINENTAL BALLISTIC MISSILES TIME DEPENDENCE . THRUST VECTOR CONTROL THRUST CONTROL DEPENDENCE GS THRUST CONTROL

AIR SLEW MISSILES

AUTOMATIC CONTROL

AUTOMATIC FLIGHT CONTROL TIME DEPENDENCE TITAN ICEM .... TITAN 1 ICBM .... TITAN 2 ICBM LIQUID PROPELLANT ROCKET ENGINES ∞ HELMHOLTZ EQUATIONS SPATIAL DEPENDENCIES RT STOCHASTIC PROCESSES TEMPORAL DISTRIBUTION TIME RESPONSE LR-91-AJ-5 ENGINE CONTROL MULTISTAGE ROCKET VEHICLES GUIDE VANES YLR-91-AJ-1 ENGINE **GYROSTABILIZERS** JET VANES TIME LAPSE PHOTOGRAPHY TITAN LAUNCH VEHICLES
GS LAUNCH VEHICLES
. TITAN LAUNCH VEHICLES
. TITAN 3 LAUNCH VEHICLE LIQUID INJECTION CHRONOPHOTOGRAPHY MANEUVERABLE SPACECRAFT MISSILE CONTROL FINITE DIFFERENCE THEORY NUMERICAL ANALYSIS NOZZLE THRUST COEFFICIENTS RT ... ITAN 3 LAUNCH VEHICLE

MULTISTAGE ROCKET VEHICLES

... TITAN 1 LAUNCH VEHICLES

... TITAN 3 LAUNCH VEHICLE ROCKET ENGINES SECONDARY INJECTION SPATIAL MARCHING SPACECRAFT CONTROL VARIABLE THRUST VERNIER ENGINES TIMERS GEMINI 3 FLIGHT GEMINI 7 FLIGHT RT TIMING DEVICES USE GEMINI 8 FLIGHT GEMINI 9 FLIGHT THRUST-WEIGHT RATIO TIMING DEVICES
UF TIMERS RATIOS . THRUST-WEIGHT RATIO **GEMINI 10 FLIGHT** MEASURING INSTRUMENTS
. TIME MEASURING INSTRUMENTS GEMINI 11 FLIGHT GEMINI 12 FLIGHT GS ACCELERATION (PHYSICS) RT MASS RATIOS LIQUID PROPELLANT ROCKET ENGINES SOLID PROPELLANT ROCKET ENGINES TIMING DEVICES PRESSURE RATIO CHRONOMETERS RT ROCKET ENGINES CLOCK PARADOX ~VEHICLES CLOCKS THUNDERCHIEF AIRCRAFT DWELL TITAN PROJECT F-105 AIRCRAFT PENDULUMS PROGRAMS . NASA PROGRAMS
.. NASA SPACE PROGRAMS
.. TITAN PROJECT TACHOMETERS
TIME MEASUREMENT ATTITUDE (INCLINATION) TIME SIGNALS USE **PROJECTS** TITAN PROJECT
SPACE PROGRAMS
. NASA SPACE PROGRAMS
. TITAN PROJECT TIP DRIVEN ROTORS TILT ROTOR AIRCRAFT V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
TILT ROTOR AIRCRAFT HOT CYCLE PROPULSION SYSTEM AIRFOILS ĞS. **∞BOOSTERS** . V-22 AIRCRAFT . ROTARY WINGS GEMINI PROJECT GEMINI SPACECRAFT XV-15 AIRCRAFT ∞ AIRCRAFT ROTATING BODIES LAUNCH VEHICLES ROTORS HELICOPTERS LAUNCHERS LAUNCHING TILTING BOTORS ROTARY WINGS TIP DRIVEN ROTORS XV-9A AIRCRAFT RT TILT ROTOR RESEARCH AIRCRAFT PROGRAM PROGRAMS TITAN 1 ICEM GS SM-68 MISSILE NASA PROGRAMS
. TILT ROTOR RESEARCH AIRCRAFT TIP SPEED MISSH FS RATES (PER TIME) GS GS BALLISTIC MISSILES PROGRAM . TIP SPEED VELOCITY ... INTERCONTINENTAL BALLISTIC MISSILES RT ∞ AIRCRAFT HELICOPTERS TIP SPEED TITAN ICBM ANGULAR VELOCITY CRITICAL VELOCITY ROTARY WINGS RT ... TITAN 1 ICBM SURFACE TO SURFACE MISSILES V-22 AIRCRAFT XV-15 AIRCRAFT ROTOR SPEED INTERCONTINENTAL BALLISTIC MISSII ES TIP VANES TILT WING AIRCRAFT ... TITAN ICBM PIVOTED WING AIRCRAFT ROTATING BODIES . ROTORS GS LR-87-AJ-5 ENGINE GS RT CL-84 AIRCRAFT TIP VANES
TURBOMACHINERY

. TURBINES

WIND TURBINES

TIP VANES

TITAN

UF

GS

SM-68B MISSILE

MISSILES

RT

L-29 JET TRAINER

XC-142 AIRCRAFT

VZ-2 AIRCRAFT

∞ AIRCRAFT

# TRAFFIC CONTROL

TITAN 2	ICBM-(CONT.)		ENGINES-(CONT.)	TOWED	
	BALLISTIC MISSILES		TORPEDO ENGINES	UF	DROGUES
	INTERCONTINENTAL BALLISTIC		TURBOROCKET ENGINES ULLAGE ROCKET ENGINES	RT	TOWED TARGETS AIRCRAFT BRAKES
	MISSILES		VERNIER ENGINES		∞ BODIES
	TITAN ICBM		CONTROL ROCKETS	`	BRAKES (FOR ARRESTING MOTION)
	SURFACE TO SURFACE MISSILES		SYNCOM APOGEE ENGINES		DRAG CHUTES
	INTERCONTINENTAL BALLISTIC		INTERNAL COMBUSTION ENGINES		GLIDERS
	MISSILES		ROCKET PROPELLANTS		LIFTING BODIES
	TITAN ICBM		TURBINE ENGINES		PARACHUTES SLEDS
	TITAN 2 ICBM		UNDERWATER PROPULSION		STREAMLINED BODIES
RT	HYLA-STAR ROCKET VEHICLE	T00050	NF.0		SUBMERGED BODIES
	LAUMOU VEHICLE	TORPEDO UF	RETORC (TORPEDOES)		TEST VEHICLES
GS GS	LAUNCH VEHICLE LAUNCH VEHICLES		EXPLOSIVE DEVICES		TOWING
as	. TITAN LAUNCH VEHICLES		TORPEDOES		TRAILERS
	. TITAN 3 LAUNCH VEHICLE		AMMUNITION		
	ROCKET VEHICLES		ANTISUBMARINE WARFARE		TARGETS
	. MULTISTAGE ROCKET VEHICLES		ASROC ENGINE	USE	TARGETS
	. TITAN LAUNCH VEHICLES		BOMBS (ORDNANCE) CONFIGURATIONS		TOWED BODIES
RT	TITAN 3 LAUNCH VEHICLE MANNED ORBITAL LABORATORIES		COUNTERMEASURES		_
n i	MANITED ORBITAL EXBORATORIES		EXPLOSIVES	TOWERS	
TOI EDA	NCES (MECHANICS)		HYDROBALLISTICS	GS	TOWERS . AIRPORT TOWERS
GS	TOLERANCES (MECHANICS)		MISSILES		. UMBILICAL TOWERS
40	. IMPACT TOLERANCES		NUCLEAR WEAPONS	RT	AIR TRAFFIC CONTROL
RT	ACCEPTABILITY		PROPELLANTS		ANTENNAS
	ACCURACY		ROCKETS SEA LAUNCHING		BRIDGES (STRUCTURES)
	ALLOWANCES		SHAPED CHARGES		COLUMNS (SUPPORTS)
	CLEARANCES		SUBMERGED BODIES		CONCRETE STRUCTURES
	CONSISTENCY DIMENSIONAL STABILITY		UNDERWATER TRAJECTORIES		CONSTRUCTION INDUSTRY CRANES
	DRIFT (INSTRUMENTATION)		WARHEADS		PYLONS
	ERRORS		WEAPONS		∞STRUCTURES
	HYSTERESIS				TANKS (CONTAINERS)
	INSPECTION	TORQUE			
	LINEARITY		HINGE MOMENTS	TOWING	1
	MECHANICAL PROPERTIES		MOMENTS . TORQUE	RT	CABLES (ROPES)
	NONDESTRUCTIVE TESTS PRECISION		BENDING MOMENTS		TOWED BODIES
	QUALITY CONTROL		FORCE		TRACTORS
	RADIATION TOLERANCE		LOADING MOMENTS		TRAILERS
	RANGE (EXTREMES)		MOMENTS OF INERTIA		A. T. I. IT.
	RELIABILITY		PITCHING MOMENTS	USE	SATELLITE TRANSIT ATTITUDE CONTROL
	RESOLUTION		ROLLING MOMENTS	USE	SATELLITE
	SENSITIVITY		ROTATION SHAFTS (MACHINE ELEMENTS)		ON ELLINE
	SPECIFICATIONS STABILITY		TORQUEMETERS	TRACKE	D VEHICLES
	STANDARDS		TORSION	GS	SURFACE VEHICLES
	OTATOM ISS		TORSIONAL STRESS		. MOTOR VEHICLES
TOL I MIE	EN-SCHLICHTING WAVES		TORSIONAL VIBRATION		TRACTORS
GS	ELASTIC WAVES		TWISTING		TRACKED VEHICLES
	TOLLMIEN-SCHLICHTING WAVES		YAWING MOMENTS	RT	CRAWLER TRACTORS
RT	BLASIUS FLOW			•	∞VEHICLES VEHICULAR TRACKS
	BOUNDARY LAYER FLOW		MEASURING APPARATUS		VEHICOLAR TRACKS
	BOUNDARY LAYER TRANSITION	USE	TORQUEMETERS	TRACTO	\Be
	LAMINAR FLOW TURBULENT FLOW	T0001151	157500	GS	SURFACE VEHICLES
	TORBOLLINT FLOW	TORQUE!	TORQUE MEASURING APPARATUS	45	. MOTOR VEHICLES
TOLUEN	E		MEASURING INSTRUMENTS		TRACTORS
GS	ORGANIC COMPOUNDS		. TORQUEMETERS		CRAWLER TRACTORS
-	. HYDROCARBONS	RT	DYNAMOMETERS		TRACKED VEHICLES
	TOLUENE		MECHANICAL MEASUREMENT	RT	AGRICULTURE
RT	SOLVENTS		TORQUE		ELECTRIC MOTOR VEHICLES GROUND HANDLING
	XYLENE				HANDLING EQUIPMENT
			AL VIBRATION		MATERIALS HANDLING
	NWK MISSILES MISSILES		VIBRATION STRUCTURAL VIBRATION		PLANTING
GS	. SURFACE TO SURFACE MISSILES		. TORSIONAL VIBRATION		PLOWING
	. CRUISE MISSILES	RT	MISSILE VIBRATION		SLEDS
	TOMAHAWK MISSILES		RANDOM VIBRATION		TOWING TRANSPORTATION
RT	WEAPONS		SELF INDUCED VIBRATION		TRANSPORTATION TRUCKS
			SHEAR STRAIN		∞VEHICLES
TONE			TORQUE	•	w 12
USE	PITCH		TORSION	TRACTS	
			TWISTING		SITES
TONOM		TOUCHD	Outro		
USE	INTRAOCULAR PRESSURE PRESSURE MEASUREMENT		LANDING	TRADER	RAIRCRAFT
	PRESSURE MEASUREMENT	40	. TOUCHDOWN	USE	C-1A AIRCRAFT
TORNAT	OO AIRCRAFT	RT	AIRCRAFT LANDING		
USE	MRÇA AIRCRAFT		APPROACH	TRAFFIC	C
			APPROACH AND LANDING TESTS (STS)	GS	TRAFFIC
TOROID	AL SHELLS		DOWNRANGE SPACECRAFT LANDING		. AIR TRAFFIC
GS	SHELLS (STRUCTURAL FORMS)		SPACECRAFT LANDING VERTICAL LANDING	RT	ACCIDENTS AVOIDANCE
	TOROIDAL SHELLS		VERTICAL MOTION		HARBORS
RT	METAL SHELLS REINFORCED SHELLS		WATER LANDING		TRANSPORTATION
	SKIN (STRUCTURAL MEMBER)				
	THIN WALLED SHELLS	TOW MIS	SILES	TRAFFI	C CONTROL
	TOROIDS	GS	MISSILES	GS	TRAFFIC CONTROL
			. SURFACE TO SURFACE MISSILES		. AIR TRAFFIC CONTROL
	O ENGINES		ANTITANK MISSILES		. AUTOMATED EN ROUTE ATC
GS	ENGINES		TOW MISSILES		RADAR APPROACH CONTROL



#### TRAILBLAZER 1 REENTRY VEHICLE

TRAFFIC CONTROL-(CONT.)
RT AIR TRAFFIC CONTROLLERS (PERSONNEL)
AIRPORT TOWERS APPROACH CONTROL AVOIDANCE COLLISION AVOIDANCE GROUND BASED CONTROL NATIONAL AVIATION SYSTEM TRAILBLAZER 1 REENTRY VEHICLE

UF TRAILBLAZER 1 ROCKET VEHICLE

GS REENTRY VEHICLES

TRAILBLAZER 1 REENTRY VEHICLE

RT HONEST JOHN ROCKET VEHICLE LANCE MISSILE MULTISTAGE ROCKET VEHICLES NIKE-AJAX MISSILE **ROCKET VEHICLES** SOLID PROPELLANT ROCKET ENGINES

TRAILBLAZER 1 ROCKET VEHICLE TRAILBLAZER 1 REENTRY VEHICLE

TRAILBLAZER 2 REENTRY VEHICLE
UF TRAILBLAZER 2 ROCKET VEHICLE REENTRY VEHICLES
TRAILBLAZER 2 REENTRY VEHICLE
MULTISTAGE ROCKET VEHICLES GS RT ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES TX-354 ENGINE

TRAILBLAZER 2 ROCKET VEHICLE
USE TRAILBLAZER 2 REENTRY VEHICLE

#### **TRAILERS** RT

AUTOMOBILES COUPLINGS SLEDS TANK TRUCKS TOWED BODIES TOWING

TRUCKS TRAILING EDGE FLAPS
UF VARIABLE AREA WINGS GS AIRFOILS . FLAPS (CONTROL SURFACES)

WING FLAPS
. TRAILING EDGE FLAPS BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES WING FLAPS .. TRAILING EDGE FLAPS AIRCRAFT BRAKES WING FLAPS

TRAILING EDGE FLAPS
CONTROL SURFACES FLAPS (CONTROL SURFACES) WING FLAPS ... TRAILING EDGE FLAPS
DRAG DEVICES
. AERODYNAMIC BRAKES WING FLAPS

TRAILING EDGE FLAPS JET FLAPS LEADING EDGE SLATS SPLIT FLAPS VORTEX FLAPS

TRAILING EDGES

RT

TRAILING EDGES BLUNT TRAILING EDGES AIRFOILS RT BLUNT LEADING EDGES LEADING EDGES SHARP LEADING EDGES VORTEX FLAPS

TRAINERS
USE TRAINING DEVICES

TRAINING AIRCRAFT

TRAINING AIRCRAFT
. ALPHA JET AIRCRAFT CL-41 AIRCRAFT DH 115 AIRCRAFT G-91 AIRCRAFT JAGUAR AIRCRAFT JET PROVOST AIRCRAFT L-29 JET TRAINER

TRAINING AIRCRAFT-(CONT.) T-2 AIRCRAFT T-28 AIRCRAFT T-33 AIRCRAFT T-37 AIRCRAFT T-38 AIRCRAFT T-39 AIRCRAFT TS-11 AIRCRAFT ∞ AIRCRAFT BOMBER AIRCRAFT FIGHTER AIRCRAFT

GENERAL AVIATION AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT ∞ MILITARY AIRCRAFT ∞ SUBSONIC AIRCRAFT

TRAINING DEVICES
UF AUDIO VISUAL EQUIPMENT

TRAINERS TRAINING DEVICES
. TEACHING MACHINES GS ALTITUDE SIMULATION CHILD DEVICE COCKPIT SIMULATORS DEVICES EDUCATION **EDUCATIONAL TELEVISION** 

FLIGHT SIMULATORS
ONBOARD EQUIPMENT VISUAL AIDS

TRAJECTORY CONTROL RANGE CONTROL
TRAJECTORY CONTROL
TRAJECTORY OPTIMIZATION UF GS RT ATTITUDE CONTROL ~ CONTROL DRIFT RATE

GUIDANCE (MOTION) HOMING DEVICES LANDING SITES
OPTIMAL CONTROL OPTIMIZATION
POST BOOST PROPULSION SYSTEM
RANGE SAFETY

THRUST PROGRAMMING TRACKING PROBLEM

TRAJECTORY MEASUREMENT

BALLISTIC CAMERAS BALLISTICS FLIGHT MECHANICS ∞ MEASUREMENT TELEMETRY TRACKING RADAR

TRAJECTORY OPTIMIZATION OPTIMIZATION

TRAJECTORY OPTIMIZATION TRAJECTORY CONTROL. TRAJECTORY OPTIMIZATION AIRCRAFT MANEUVERS FLIGHT MECHANICS FLIGHT OPTIMIZATION GODDARD TRAJECTORY
DETERMINATION SYSTEM

TRACKING PROBLEM

TRANSALL C-160 AIRCRAFT USE C-160 AIRCRAFT

TRANSATMOSPHERIC VEHICLES

AEROSPACE PLANES AEROSPACE VEHICLES ∞AIRCRAFT
AIRCRAFT DESIGN NATIONAL AEROSPACE PLANE PROGRAM **∞SPACECRAFT** SPACECRAFT DESIGN X-30 VEHICLE

TRANSDUCERS
GS TRANSDUCERS

DIGITAL TRANSDUCERS
ELECTRONIC TRANSDUCERS IMAGE TRANSDUCERS
INTERDIGITAL TRANSDUCERS
MAGNETIC TRANSDUCERS MODE TRANSFORMERS
PIEZOELECTRIC TRANSDUCERS . PIEZOELECTRIC GAGES

PIEZORESISTIVE TRANSDUCERS

TRANSDUCERS-(CONT.)
... PIEZOELECTRIC GAGES PRESSURE SENSORS BOURDON TUBES
OUARTZ TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
HUDROPHONES LOUDSPEAKERS MICROPHONES THERMOPILES TORQUERS ULTRASONIC WAVE TRANSDUCERS BULK ACOUSTIC WAVE DEVICES
CONTROL EQUIPMENT
CONVERTERS DATA CONVERTERS

DETECTORS ENERGY CONVERSION EFFICIENCY EXTENSOMETERS FORM FACTORS INSTRUMENT RECEIVERS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
PHOTOELECTRIC CELLS ∞ PROBES
RECORDING INSTRUMENTS REMOTE SENSORS ∞ SENSORS STRAIN GAGES TEMPERATURE MEASURING INSTRUMENTS ULTRASONIC CLEANING VIBRATION METERS

TRANSEARTH INJECTION

GS TRANSEARTH INJECTION INJECTION GUIDANCE MIDCOURSE GUIDANCE **ORBITAL MECHANICS** TRANSFER ORBITS

TRANSIENT HEATING

TRANSIENT HEATING PULSE HEATING SHOCK HEATING RT AERODYNAMIC HEATING

TRANSIENT LOADS

(LIMITED TO FORCE LOADS) GS DYNAMIC LOADS
. TRANSIENT LOADS
.. GUST LOADS IMPACT LOADS ... LANDING LOADS ... SHOCK LOADS ... BLAST LOADS AERODYNAMIC LOADS RT CONTACT LOADS
CYCLIC LOADS
RANDOM LOADS STRUCTURAL DESIGN CRITERIA

TRANSIENT PRESSURES

PRESSURE TRANSIENT PRESSURES MASS FLOW RATE PRESSURE SENSORS

TRANSIENTS (SURGES)

TRANSIT ATTITUDE CONTROL SATELLITE TRAAC SATELLITE
ARTIFICIAL SATELLITES
. NAVIGATION SATELLITES GS . . TRANSIT ATTITUDE CONTROL SATELLITE ∞ CONTROL RT SATELLITE ATTITUDE CONTROL

TRANSIT NAVIGATION SYSTEM
GS SATELLITE NAVIGATION SYSTEMS
TRANSIT NAVIGATION SYSTEM
RT NASA PROGRAMS NAVIGATION SATELLITES NOVA SATELLITES TRANSIT SATELLITES

### TRANSPORT AIRCRAFT

TRANSIT	SATELLITES	TRANS	SOCEANIC FLIGHT	TRANSPIRATION-(CONT.)
GS	ARTIFICIAL SATELLITES	RT	∞FLIGHT	EVAPORATION
	NAVIGATION SATELLITES			TRANSPIRATION
	. TRANSIT SATELLITES		SONIC AIRCRAFT	RT COOLING COOLING SYSTEMS
RT	DISCOS (SATELLITE ATTITUDE	USE	SUPERSONIC AIRCRAFT	EVANESCENCE
	CONTROL)		THE PROPERTY OF THE PROPERTY O	EVAPOTRANSPIRATION
٥	TRANSIT TRANSIT NAVIGATION SYSTEM		SONIC AIRCRAFT TECHNOLOGY PROGRAM TACT PROGRAM	EVOLUTION (LIBERATION)
	HANSII NAVIGATION STSTEM	USE	TACT PHOGHAM	GAS EVOLUTION
			SONIC COMPRESSORS	MASS TRANSFER
	TON FLIGHT	GS	COMPRESSORS	MOLECULAR FLOW
RT	AIRCRAFT MANEUVERS	us	. TRANSONIC COMPRESSORS	OUTGASSING
۰	FLIGHT	RT	SUPERSONIC COMPRESSORS	PERMEATING
	HORIZONTAL FLIGHT HOVERING		TURBOCOMPRESSORS	PERSPIRATION TEMPERATURE CONTROL
	V/STOL AIRCRAFT			TEMPERATORE CONTINUE
	VERTICAL FLIGHT	TRANS	BONIC FLIGHT	
		RT	∞FLIGHT	TRANSPIRATION COOLING
TDANSIT	TION FLOW		ROCKET FLIGHT	USE SWEAT COOLING
GS	FLUID FLOW		SONIC BOOMS SUPERSONIC FLIGHT	
40	GAS FLOW		SUPERSONIC FLIGHT	TRANSPORT AIRCRAFT
	MOLECULAR FLOW	TDAM	BONIC FLOW	GS TRANSPORT AIRCRAFT
	TRANSITION FLOW	UF	SONIC FLOW	. ALADIN 2 AIRCRAFT . AN-2 AIRCRAFT
RT	BOUNDARY LAYER TRANSITION	٠.	TRANSONICS	AN-22 AIRCRAFT
	FREE MOLECULAR FLOW	GS	FLUID FLOW	AN-24 AIRCRAFT
	PERIOD DOUBLING RAREFIED GAS DYNAMICS		. COMPRESSIBLE FLOW	ARGOSY MK-1 AIRCRAFT
	SLIP FLOW		TRANSONIC FLOW	. BAC 111 AIRCRAFT
	OLI 12011	RT	AERODYNAMICS	. BOEING 707 AIRCRAFT
-	NAM I AVEDO		COMPRESSIBILITY EFFECTS      FLOW	BOEING 720 AIRCRAFT
o <b>Trans</b> it Sn	'ION LAYERS (USE OF A MORE SPECIFIC TERM IS		FLOW VELOCITY	. BOEING 727 AIRCRAFT . BOEING 733 AIRCRAFT
314	RECOMMENDED-CONSULT THE TERMS		GAS FLOW	BOEING 733 AIRCRAFT
	LISTED BELOW)		NOZZLE FLOW	BOEING 747 AIRCRAFT
RT	BOUNDARY LAYER TRANSITION		SHOCK WAVES	BOEING 757 AIRCRAFT
	INTERLAYERS		SONIC NOZZLES	. BOEING 767 AIRCRAFT
	LAMINAR FLOW		SUBSONIC FLOW SUPERSONIC FLOW	. BOEING 2707 AIRCRAFT
	PLASMA LAYERS		TRISONIC WIND TUNNELS	. CARGO AIRCRAFT
	SHEAR LAYERS SHOCK LAYERS		WIND TUNNELS	BREGUET 941 AIRCRAFT C-1A AIRCRAFT
	SHOCK WAVES			C-2 AIRCRAFT
	SURFACE LAYERS	TRANS	SONIC FLUTTER	C-5 AIRCRAFT
	TURBULENT FLOW	GS	VIBRATION	C-9 AIRCRAFT
			STRUCTURAL VIBRATION	C-46 AIRCRAFT
TRANSIT	TION POINTS		FLUTTER	C-47 AIRCRAFT
RT	BOUNDARY LAYER TRANSITION		TRANSONIC FLUTTER SELF INDUCED VIBRATION	C-54 AIRCRAFT C-118 AIRCRAFT
0	• EQUILIBRIUM		TRANSONIC FLUTTER	C-119 AIRCRAFT
	KNUDSEN FLOW	RT	MISSILE VIBRATION	C-121 AIRCRAFT
	PHASE DIAGRAMS REYNOLDS NUMBER		SUBSONIC FLUTTER	C-123 AIRCRAFT
	RETHOLDS NUMBER		SUPERSONIC FLUTTER	C-124 AIRCRAFT
				C-130 AIRCRAFT
GS TRANSIT	TION PRESSURE PRESSURE	TRIAN	SONIC INLETS SUPERSONIC INLETS	C-131 AIRCRAFT
us	. TRANSITION PRESSURE	USE	SUPERSURIC INLETS	. C-135 AIRCRAFT
RT	HIGH PRESSURE	TRAM	SONIC NOZZLES	C-140 AIRCRAFT
	HYDROSTATIC PRESSURE	RT	CONICAL NOZZLES	C-141 AIRCRAFT
	PHASE TRANSFORMATIONS		CONVERGENT-DIVERGENT NOZZLES	C-160 AIRCRAFT
	PRESSURE EFFECTS		HYPERSONIC NOZZLES	CL-44 AIRCRAFT
			∞ NOZZLES	DC 3 AIRCRAFT DC 7 AIRCRAFT
TRANSIT			SONIC NOZZLES SUPERSONIC NOZZLES	F-27 AIRCRAFT
SN	(EXCLUDES PARTIAL OR TOTAL OCCULTATION OF ONE BODY BY		WIND TUNNEL NOZZLES	P-160 AIRCRAFT
	ANOTHER)			. P-166 AIRCRAFT
GS	MEASURING INSTRUMENTS	TRAN	SONIC SPEED	SPANLOADER AIRCRAFT
	. OPTICAL MEASURING INSTRUMENTS	SN	(APPROXIMATELY MACH 0.8 TO 1.2)	. YC-14 AIRCRAFT . CH-3 HELICOPTER
	TRANSITS	GS	RATES (PER TIME)	. CH-3 HELICOPTER
	THEODOLITES		. Transonic speed Velocity	. CH-46 HELICOPTER
	CINETHEODOLITES OPTICAL EQUIPMENT		. TRANSONIC SPEED	. CH-47 HELICOPTER
	. OPTICAL MEASURING INSTRUMENTS	RT	ACOUSTIC VELOCITY	. CH-54 HELICOPTER
	TRANSITS		SUBSONIC SPEED	. CL-84 AIRCRAFT . CL-823 AIRCRAFT
	THEODOLITES		SUPERSONIC SPEED	. CONCORDE AIRCRAFT
	CINETHEODOLITES		ACANO TIRONIES	. CV-880 AIRCRAFT
RT	COMPASSES SEXTANTS	TRAN	SONIC TURBINES SUPERSONIC TURBINES	DC 8 AIRCRAFT
	TRANSIT	USE	OUTENOUND TUNDINES	. DC 9 AIRCRAFT
		TRAM	SONIC WIND TUNNELS	DC 10 AIRCRAFT
TRANSI	UNAR INJECTION	GS	TEST FACILITIES	DH 121 AIRCRAFT DH 125 AIRCRAFT
GS	INJECTION		. WIND TUNNELS	DHC 2 AIRCRAFT
	TRANSLUNAR INJECTION		TRANSONIC WIND TUNNELS	DHC 4 AIRCRAFT
RT	INJECTION GUIDANCE	AT	BLOWDOWN WIND TUNNELS HYPERSONIC WIND TUNNELS	. DHC 5 AIRCRAFT
	MIDCOURSE GUIDANCE		SLOTTED WIND TUNNELS	. DO-31 AIRCRAFT
	ORBITAL MECHANICS TRANSFER ORBITS		SUBSONIC WIND TUNNELS	. EC-121 AIRCRAFT
	INDIANTER CHUITO		SUPERSONIC WIND TUNNELS	. ELECTRA AIRCRAFT . F-28 TRANSPORT AIRCRAFT
TDAMO	MISSIONS (MACHINE ELEMENTS)		WING FLOW METHOD TESTS	. G-1 AIRCRAFT
GS	MECHANICAL DRIVES			. G-222 AIRCRAFT
	. TRANSMISSIONS (MACHINE		SONICS	. H-19 HELICOPTER
	ELEMENTS)	USE	TRANSONIC FLOW	. H-53 HELICOPTER
RT	GEARS		ABID 171011	. H-56 HELICOPTER . HC-3 HELICOPTER
	SHAFTS (MACHINE ELEMENTS)		SPIRATION  ELLID TRANSPIRATION	. HC3 HELICOPTER . HFB-320 AIRCRAFT
	TORQUE CONVERTERS TORQUE MOTORS	UF GS	FLUID TRANSPIRATION PHASE TRANSFORMATIONS	. IL-14 AIRCRAFT
	VEHICLE WHEELS	43	. VAPORIZING	. L-1011 AIRCRAFT
	· ·			

### TRANSPORT COEFFICIENTS

TRANS	PORT AIRCRAFT-(CONT.)	TRAN	SPORT PROPERTIES-(CONT.)	TRANSP	ORTATION ENERGY-(CONT.)
	L-2000 AIRCRAFT		∞ PROPERTIES		ENGINES
	LIGHT INTRATHEATER TRANSPORT LIGHT TRANSPORT AIRCRAFT		RADIATION TRANSPORT SEEBECK EFFECT		FUELS
	LOCKHEED MODEL 18 AIRCRAFT		∞ SOLID STATE PHYSICS		HAULING INDUSTRIAL ENERGY
	. MH-262 AIRCRAFT		THERMOELECTRICITY		SHIPS
	. MYSTERE 20 AIRCRAFT			٥	TANKERS
	. S-58 HELICOPTER	TRAN:	SPORT THEORY		TRUCKS
	. S-61 HELICOPTER	GS	KINETIC THEORY		
	. SA-330 HELICOPTER . SC-5 AIRCRAFT		. TRANSPORT THEORY		DIDAL TAIL SURFACES
	. SC-7 AIRCRAFT		CHAPMAN-ENSKOG THEORY	GS	PLANFORMS
	. SH-3 HELICOPTER		EYRING THEORY MIXING LENGTH FLOW THEORY		TRAPEZOIDAL TAIL SURFACES
	. SH-4 HELICOPTER	RT	BOLTZMANN TRANSPORT EQUATION		TAIL SURFACES TRAPEZOIDAL TAIL SURFACES
	SHORT HAUL AIRCRAFT		DIFFUSION THEORY	RT	CONTROL SURFACES
	C-8A AUGMENTOR WING AIRCRAFT		GAS TRANSPORT		HORIZONTAL TAIL SURFACES
	CESSNA 402B AIRCRAFT EUROPEAN AIRBUS		INTEGRAL EQUATIONS		HYPERSONIC AIRCRAFT
	A-300 AIRCRAFT		MOLECULAR INTERACTIONS		RUDDERS
	A-310 AIRCRAFT		MONTE CARLO METHOD POLLUTION TRANSPORT		STABILIZERS (FLUID DYNAMICS)
	A-320 AIRCRAFT		∞THEORIES		SUPERSONIC AIRCRAFT SURFACES
	MERCURE AIRCRAFT		W.1.125.1125	•	SWEPTBACK TAIL SURFACES
	. TANKER AIRCRAFT	∞ TRANS	SPORT VEHICLES		
	. TU-124 AIRCRAFT . TU-144 AIRCRAFT	SN	(USE OF A MORE SPECIFIC TERM IS	TRAPEZO	DIDAL WINGS
	. TU-154 AIRCRAFT		RECOMMENDED-CONSULT THE TERMS	GS	AIRFOILS
	. UH-34 HELICOPTER		LISTED BELOW		. WINGS
	. UH-60A HELICOPTER	RT	CRAWLER TRACTORS		LOW ASPECT RATIO WINGS
	. UH-61A HELICOPTER		GROUND EFFECT MACHINES RAPID TRANSIT SYSTEMS		TRAPEZOIDAL WINGS
	. VC-10 AIRCRAFT		SHIPS		SWEPT WINGS
	. VISCOUNT AIRCRAFT		TRANSPORT AIRCRAFT		SWEPT FORWARD WINGS
	XC-142 AIRCRAFT		∞ VEHICLES		SWEPTBACK WINGS
RŤ	. YS-11 AIRCRAFT AIR TRANSPORTATION		<b></b>		TRAPEZOIDAL WINGS
	∞ AIRCRAFT	TRANS	PORTATION		PLANFORMS
	COMMERCIAL AIRCRAFT	GS	TRANSPORTATION		. WING PLANFORMS
	GENERAL AVIATION AIRCRAFT		. AIR TRANSPORTATION		SWEPT FORWARD WINGS
	JET AIRCRAFT		. MARINE TRANSPORTATION		TRAPEZOIDAL WINGS
	LIGHT AIRCRAFT		. RAIL TRANSPORTATION		SWEPTBACK WINGS
	∞LOW WING AIRCRAFT		. RAPID TRANSIT SYSTEMS . SPACE TRANSPORTATION		INAPEZOIDAL WINGS
	∞MILITARY AIRCRAFT MYSTERE 50 AIRCRAFT		. SPACE TRANSPORTATION SYSTEM	TRADOCT	VORTICES
	PASSENGER AIRCRAFT		ADVANCED LAUNCH SYSTEM (STS)	UF	VORTEX TRAPS
	ROTARY WING AIRCRAFT		. URBAN TRANSPORTATION	GS	VORTICES
	∞ SUBSONIC AIRCRAFT	AT	ARTIFICIAL HARBORS		TRAPPED VORTICES
	SUPERSONIC AIRCRAFT		AUTOMATED GUIDEWAY TRANSIT	RT	COUNTERFLOW
	∞ TRANSPORT VEHICLES		VEHICLES		FLOW DISTRIBUTION
	TURBOFAN AIRCRAFT		AUTOMATED TRANSIT VEHICLES CARGO		MIXING
	TURBOPROP AIRCRAFT UTILITY AIRCRAFT		CONTRACTORS		ROTATING FLUIDS ROTATING LIQUIDS
	V/STOL AIRCRAFT		CONVEYORS		TURBULENT MIXING
	WATER TAKEOFF AND LANDING		DEEPWATER TERMINALS		TURBULENT WAKES
	AIRCRAFT		DELIVERY		VORTEX RINGS
			DISTRIBUTING		VORTICITY
TDANCE	ORT COEFFICIENTS		∞ DISTRIBUTION		
USE	TRANSPORT PROPERTIES		ELECTRIC AUTOMOBILES	∞ TRAVEL	
			EVACUATING (TRANSPORTATION) FREIGHT COSTS	SN	(USE OF A MORE SPECIFIC TERM IS
TD 4 NO.	NORT PROPERTIES		FREIGHTERS		RECOMMENDED-CONSULT THE TERMS
UF	PORT PROPERTIES TRANSPORT COEFFICIENTS		HANDLING EQUIPMENT	RT	LISTED BELOW)
GS	TRANSPORT PROPERTIES		HAULING		DISTANCE HARBORS
	. ATMOSPHERIC CONDUCTIVITY		HIGHWAYS		LOGISTICS
	IONOSPHERIC CONDUCTIVITY		LOGISTICS		RANGE (EXTREMES)
	. CARRIER MOBILITY		MATERIALS HANDLING		TRANSPORTATION
	ELECTRON MOBILITY		MISSILES MOTOR VEHICLES		
	HOLE MOBILITY		OFFSHORE DOCKING	TRESCA	FLOW
	. DIFFUSION COEFFICIENT SORET COEFFICIENT		OFFSHORE PLATFORMS	GS	FLUID FLOW
	. ELECTRICAL RESISTIVITY		PACKAGING		. PLASTIC FLOW
	IONOSPHERIC CONDUCTIVITY		PASSENGERS		TRESCA FLOW
	MAGNETORESISTIVITY		PIPELINES		DUCTILITY STABILITY
	PHOTOCONDUCTIVITY		RIDING QUALITY		YIELD POINT
	PLASMA CONDUCTIVITY		ROADS ROUTES		TIELD FOIRT
	SUPERCONDUCTIVITY		SERVICES	TOUALMAN	001144HDHENITO4TE
	KONDO EFFECT . GASEOUS DIFFUSION		SITE SELECTION	USE	OGUANIDINENITRATE
	. GASEOUS SELF-DIFFUSION		TANKER TERMINALS	USL	TAGIT
	. IONIC MOBILITY		TERMINAL FACILITIES	TOLAMAN	OTRINITRODENTENE
	. THERMAL CONDUCTIVITY		TRACTORS	USE	OTRINITROBENZENE
	. THERMAL DIFFUSIVITY		TRAFFIC	OOL	TAID
	. VISCOSITY		TRANSCONTINENTAL SYSTEMS TRANSFERRING	TRIANGU	I AD MINOS
	EDDY VISCOSITY		TRANSOCEANIC SYSTEMS		ILAR WINGS DELTA WINGS
RT	GAS VISCOSITY		TRANSPORTATION NETWORKS	USL	DELIA WINGS
H I	BINARY FLUIDS BOLTZMANN TRANSPORT EQUATION		∞ TRAVEL		
	∞ CONDUCTIVITY		TRUCKS		AIRCRAFT
,	DIFFUSION			USE	DH 121 AIRCRAFT
	FLOW COEFFICIENTS	TRANS	PORTATION ENERGY		
	HALL EFFECT	RT	ALLOCATIONS	TRIM (BA	ALANCE) AERODYNAMIC BALANCE
	HEAT TRANSFER		CARGO	USE	ALHOUTINAMIC BALANCE
	HIGH TEMPERATURE TESTS		COMMERCIAL ENERGY		
	KINETIC THEORY LIGHTHILL GAS MODEL		DISTRIBUTING DOMESTIC ENERGY	TRITONS	
	MOBILITY		ECONOMIC FACTORS	GS	IONS . TRITONS
	∞PHYSICAL PROPERTIES		®ENERGY	RT	ALPHA PARTICLES
	POLLUTION TRANSPORT		ENERGY CONVERSION		PROTONS

TROCHO	IDS	TU-124	AIRCRAFT-(CONT.)		AIRCRAFT
USE	PIVOTS		. TU-124 AIRCRAFT	GS	TUPOLEY AIRCRAFT
JUL			MONOPLANES		TU-104 AIRCRAFT
TOO IAN	AIRCRAFT		TU-124 AIRCRAFT		TU-124 AIRCRAFT TU-134 AIRCRAFT
	T-28 AIRCRAFT		PASSENGER AIRCRAFT		TU-134 AIRCRAFT
USE	1-20 AIRIONAL I		. TU-124 AIRCRAFT	DT	, 10-154 AIRCHAFT
			TRANSPORT AIRCRAFT	RT ∝	AINCHAFT
TRUCKS	(EVOLUDES LINDEDCARRIAGES)		. TU-124 AIRCRAFT		
SN	(EXCLUDES UNDERCARRIAGES)		TUPOLEV AIRCRAFT		<b></b>
UF	VANS SURFACE VEHICLES		TU-124 AIRCRAFT	TURBIDI	ELECTROMAGNETIC PROPERTIES
GS	MOTOR VEHICLES	RT	∞ AIRCRAFT	GS	
			TURBOFAN ENGINES		. OPTICAL PROPERTIES
	TRUCKS				TURBIDITY
	TANK TRUCKS	TU-134	AIRCRAFT	RT	ABSORPTANCE
RT	ANTISKID DEVICES	GS	COMMERCIAL AIRCRAFT		CLARITY
	AUTOMOBILES		TU-134 AIRCRAFT		HAZE
	CARGO		JET AIRCRAFT		LIGHT TRANSMISSION
	DELIVERY		. TURBOFAN AIRCRAFT		OPACITY
	DOLLIES		TU-134 AIRCRAFT		OPTICAL DENSITY
	ELECTRIC MOTOR VEHICLES		MONOPLANES	Or Cor	PROPERTIES
	GROUND HANDLING		. TU-134 AIRCRAFT		SOLUBILITY
	HAULING		PASSENGER AIRCRAFT		TRANSPARENCE
	MATERIALS HANDLING		. TU-134 AIRCRAFT		
or or	MILITARY VEHICLES		TUPOLEV AIRCRAFT		
	RECOVERY VEHICLES		TU-134 AIRCRAFT		BLADES
	TRACTORS	RT	∞ AIRCRAFT	GS	TURBOMACHINE BLADES
	TRAILERS		WPM (O) VIII		. TURBINE BLADES
	TRANSPORTATION			RT a	BLADES
	TRANSPORTATION ENERGY		AIRCRAFT		COMPRESSOR BLADES
		GS	COMMERCIAL AIRCRAFT		ENGINE PARTS
TRUNCA	TION (MATHEMATICS)		. SUPERSONIC COMMERCIAL AIR		FAN BLADES
USE	APPROXIMATION		TRANSPORT		ROTOR BLADES (TURBOMACHINERY)
			TU-144 AIRCRAFT		STATOR BLADES
TRUNCA	TION ERRORS		JET AIRCRAFT		TURBINES
GS	ANALYSIS (MATHEMATICS)		. TURBOFAN AIRCRAFT		
us	NUMERICAL ANALYSIS		. , TU-144 AIRCRAFT		
	. TRUNCATION ERRORS		PASSENGER AIRCRAFT	TURBINE	ENGINES
	ERRORS		. TU-144 AIRCRAFT	GS	ENGINES
	. TRUNCATION ERRORS		TRANSPORT AIRCRAFT		. TURBINE ENGINES
RT	PRECISION		. TU-144 AIRCRAFT		GAS TURBINE ENGINES
n.	PHEODION	RT	∞ AIRCRAFT		JET ENGINES
					RAMJET ENGINES
TRUNNIC		TILISA	AIRCRAFT		LOW VOLUME RAMJET ENGINES
USE	SHAFTS (MACHINE ELEMENTS)	GS	COMMERCIAL AIRCRAFT		PULSEJET ENGINES
		do	. TU-154 AIRCRAFT		SUPERSONIC COMBUSTION
TS-11 AI	RCRAFT		TRANSPORT AIRCRAFT		RAMJET ENGINES
UF	ISKRA AIRCRAFT		TU-154 AIRCRAFT		TURBORAMJET ENGINES
	POLISH TS-11 AIRCRAFT		TUPOLEV AIRCRAFT		T-63 ENGINE
GS	JET AIRCRAFT		. TU-154 AIRCRAFT		T-76 ENGINE
	TS-11 AIRCRAFT	RT	∞ AIRCRAFT		TURBOJET ENGINES
	MONOPLANES	п	AIRCRAFT DESIGN		BRISTOL-SIDDELEY OLYMPUS
	TS-11 AIRCRAFT				593 ENGINE
	TRAINING AIRCRAFT		CARGO AIRCRAFT		BRISTOL-SIDDELEY VIPER
	. TS-11 AIRCRAFT		JET AIRCRAFT PASSENGER AIRCRAFT		ENGINE
RT .	AIRCRAFT				DUCTED FAN ENGINES
• • • • •	• • • • • • • • • • • • • • • • • • • •		TU-104 AIRCRAFT		J-33 ENGINE
TQD-2 A	IRCRAFT				J-34 ENGINE
UF	BAC TSR 2 AIRCRAFT	TUBE I	HEAT EXCHANGERS		J-47 ENGINE
GS	ATTACK AIRCRAFT	GS	HEAT EXCHANGERS		J-52 ENGINE
<b>u</b> 0	TSR-2 AIRCRAFT		. TUBE HEAT EXCHANGERS		J-57 ENGINE
	BAC AIRCRAFT	RT	REGENERATORS		J-57-P-20 ENGINE
	. TSR-2 AIRCRAFT				J-65 ENGINE
	JET AIRCRAFT				J-69-T-25 ENGINE
	TSR-2 AIRCRAFT	TUBING			J-71 ENGINE
	MONOPLANES	USE	PIPES (TUBES)		J-73 ENGINE
	TSR-2 AIRCRAFT				J-75 ENGINE
	OBSERVATION AIRCRAFT	TUMBL	ING MOTION		J-79 ENGINE
	TSR-2 AIRCRAFT	RT	ATTITUDE STABILITY		J-85 ENGINE
	RECONNAISSANCE AIRCRAFT		DESTABILIZATION		J-93 ENGINE
	. TSR-2 AIRCRAFT		MIXERS		RA-28 ENGINE
	SUPERSONIC AIRCRAFT		∞ MOTION		TURBOFAN ENGINES
	TSR-2 AIRCRAFT		ROTATING ENVIRONMENTS		BRISTOL-SIDDELEY BS 53
	TERRAIN FOLLOWING AIRCRAFT		SATELLITE ROTATION		ENGINE
	TSR-2 AIRCRAFT		∞ SEPARATION		CF-700 ENGINE
RT a	AIRCRAFT		SPACECRAFT MOTION		CONVERTIBLE FAN-SHAFT
	Erm torru t		SPACECRAFT STABILITY		ENGINES
T11 104	AIRCRAFT		5. 7. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.		J-97 ENGINE
	CAMEL AIRCRAFT				TF-30 ENGINE
UF	COMMERCIAL AIRCRAFT	TUNING	a Fork Gyroscopes		TF-41 ENGINE
GS	TU-104 AIRCRAFT	GS	GYROSCOPES		TURBOPROP ENGINES
	JET AIRCRAFT		. TUNING FORK GYROSCOPES		T-34 ENGINE
		RT	RESONATORS		T-38 ENGINE
	TU-104 AIRCRAFT				T-53 ENGINE
	MONOPLANES	<b>44 151711</b>			T-56 ENGINE
	TU-104 AIRCRAFT	∞ TUNNE	(USE OF A MORE SPECIFIC TERM IS		T-64 ENGINE
	PASSENGER AIRCRAFT	SN			T-74 ENGINE
	. TU-104 AIRCRAFT		RECOMMENDED-CONSULT THE TERMS		T-74 ENGINE
	TUPOLEY AIRCRAFT		LISTED BELOW)		TURBORAMJET ENGINES
	. TU-104 AIRCRAFT	RT	GAPS		T-58 ENGINE
AT	∞ AIRCRAFT		HYDRAULIC TEST TUNNELS		T-58-GE-8B ENGINE
	TU-154 AIRCRAFT		LUNAR SHELTERS	RT	AIRCRAFT ENGINES
			PASSAGEWAYS	н	AUTOMOBILE ENGINES
TU-124	AIRCRAFT		STREETS		
UF	COOKPOT AIRCRAFT		TRANSFER TUNNELS		CONVERGENT NOZZLES
GS	COMMERCIAL AIRCRAFT		TUNNEL CATHODES		GAS BEARINGS INTEGRAL ROCKET RAMJETS
	, TU-124 AIRCRAFT		TUNNEL DIODES		TORPEDO ENGINES
	JET AIRCRAFT		WIND TUNNELS		IOHTEDO EMORMES

## **TURBINE EXHAUST NOZZLES**

TURBIN	EXHAUST NOZZLES	TURBO	COMPRESSORS-(CONT.)	TURBO	OFAN ENGINES-(CONT.)
GS	EXHAUST NOZZLES		TURBINE PUMPS		L-1011 AIRCRAFT
RT	. TURBINE EXHAUST NOZZLES CONICAL NOZZLES		TURBOFANS		P-1127 AIRCRAFT
n:	CONVERGENT-DIVERGENT NOZZLES	TURRO	**************************************		P-1154 AIRCRAFT TU-124 AIRCRAFT
	John Street Briefly Holles	USE	CONVERTERS TURBOGENERATORS		TURBOFANS
	INSTRUMENTS	<b>30</b> L	TOTIBOGETETIATORIO		TURBOPROP ENGINES
RT	FLOWMETERS	TURBO	ELECTRIC CONVERSION		
۰	INSTRUMENTS TURBOMACHINERY	USE	TURBOGENERATORS	TURBO GS	DFANS TURBOMACHINERY
				40	. TURBOFANS
TURBINE		TURBO GS	FAN AIRCRAFT JET AIRCRAFT	RT	DUCTED FANS
UF GS	TURBOPUMPS	do	. TURBOFAN AIRCRAFT		∞ FANS
us	PUMPS . AXIAL FLOW PUMPS		A-7 AIRCRAFT		LIFT FANS TURBOCOMPRESSORS
	TURBINE PUMPS		BAC 111 AIRCRAFT		TURBOFAN ENGINES
	TURBOMACHINERY		. BOEING 707 AIRCRAFT . BOEING 720 AIRCRAFT		
RT	. TURBINE PUMPS CENTRIFUGAL PUMPS		. BOEING 727 AIRCRAFT		OGENERATORS
יח	FUEL PUMPS		BOEING 733 AIRCRAFT	UF	THERMAL POWER TURBOCONVERTERS
	JET PUMPS		. BOEING 737 AIRCRAFT		TURBOELECTRIC CONVERSION
	PREBURNERS		. BOEING 757 AIRCRAFT . BOEING 767 AIRCRAFT	GS	ELECTRIC GENERATORS
	TURBINES TURBOCOMPRESSORS		C-141 AIRCRAFT		. ROTATING GENERATORS TURBOGENERATORS
	TOTAL CONTRACT OF THE CONTRACT		CL-600 CHALLENGER AIRCRAFT		ASTEC SOLAR TURBOELECTRIC
TURBINE	WHEELS		CONCORDE AIRCRAFT CV-990 AIRCRAFT		GENERATOR
UF	ROTOR DISKS		. DC 8 AIRCRAFT		TURBOMACHINERY
GS	TURBOROTORS ROTATING BODIES		DH 121 AIRCRAFT		. TURBOGENERATORS ASTEC SOLAR TURBOELECTRIC
	. ROTORS		DO-31 AIRCRAFT F-28 TRANSPORT AIRCRAFT		GENERATOR
	TURBINE WHEELS		. F-111 AIRCRAFT	RT	AC GENERATORS
	WHEELS . TURBINE WHEELS		IL-62 AIRCRAFT		∞CONVERSION ∞ELECTRIC POWER
RT	COMPRESSOR ROTORS		MYSTERE 20 AIRCRAFT		ELECTRICAL ENGINEERING
	ENGINE PARTS		P-1127 AIRCRAFT P-1154 AIRCRAFT		GAS TURBINE ENGINES
	HYDRAULIC EQUIPMENT		. SAAB 37 AIRCRAFT		GAS TURBINES
	IMPELLERS TURBINES		SAAB 105 AIRCRAFT		∞ GENERATORS GEOTHERMAL ENERGY CONVERSION
	TURBOMACHINE BLADES		SE-210 AIRCRAFT TU-134 AIRCRAFT		GEOTHERMAL ENERGY EXTRACTION
	WATER WHEELS		TU-144 AIRCRAFT		GEOTHERMAL ENERGY UTILIZATION
TURBINE	•	RT a	• AIRCRAFT		HYDROELECTRIC POWER STATIONS HYDROELECTRICITY
	TURBOMACHINERY		C-135 AIRCRAFT		SNAP
	TURBINES	•	LOW WING AIRCRAFT MYSTERE 50 AIRCRAFT		SNAP 1
	AXIAL FLOW TURBINES		PASSENGER AIRCRAFT		SNAP 2 SNAP 8
	GAS TURBINES SHROUDED TURBINES		TRANSPORT AIRCRAFT		SOLAR GENERATORS
	. STEAM TURBINES		TURBOPROP AIRCRAFT		SPACE POWER REACTORS
	SUPERSONIC TURBINES	TIMENE	AN ENGINES		SPACE POWER UNIT REACTORS
	TWO STAGE TURBINES WIND TURBINES	GS	ENGINES		STEAM TURBINES SUNFLOWER POWER SYSTEM
	TIP VANES		AIR BREATHING ENGINES		TURBINES
RT	ENGINES		GAS TURBINE ENGINES		WIND TURBINES
	GEOTHERMAL ENERGY CONVERSION		JET ENGINES		
	GEOTHERMAL ENERGY EXTRACTION IMPELLERS		TURBOFAN ENGINES		JET AIRCRAFT JET AIRCRAFT
	IMPULSE GENERATORS		BRISTOL-SIDDELEY BS 53	USE	JET AIRONALT
	JET ENGINE FUELS		ENGINE	TURBO.	JET ENGINE CONTROL
	JET PROPULSION NOZZLES		CONVERTIBLE FAN-SHAFT	GS	ENGINE CONTROL
	REFRACTORIES		ENGINES	RT	. TURBOJET ENGINE CONTROL
	ROTATING GENERATORS		J-97 ENGINE	N I	AIRCRAFT CONTROL AUTOMATIC CONTROL
	ROTORS		INTERNAL COMBUSTION ENGINES		∞ CONTROL
	STATORS TURBINE BLADES		GAS TURBINE ENGINES		ELICUT CONTROL
					FLIGHT CONTROL
	TURBINE PUMPS		JET ENGINES		FUEL CONTROL
	TURBINE PUMPS TURBINE WHEELS		TURBOJET ENGINES		
	Turbine Pumps Turbine Wheels Turbogenerators				FUEL CONTROL REMOTE CONTROL
	TURBINE PUMPS TURBINE WHEELS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL
TURBO-S	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT		TURBOJET ENGINES		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES
TURBO-S	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE	TURBO. GS	FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES
TURBO-S	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS KYYAN AIRCRAFT SC-7 AIRCRAFT				FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES . AIR BREATHING ENGINES GAS TURBINE ENGINES
TURBO-SI USE TURBOCH	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES . AIR BREATHING ENGINES . GAS TURBINE ENGINES . JET ENGINES
TURBO-SI USE TURBOCH USE	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS KYYAN AIRCRAFT SC-7 AIRCRAFT		. TURBOJET ENGINES . TURBOFAN ENGINES . BRISTOL-SIDDELEY BS 53 ENGINE . CF-700 ENGINE . CONVERTIBLE FAN-SHAFT ENGINES . J-97 ENGINE . TF-30 ENGINE . TF-41 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES GAS TURBINE ENGINES JET ENGINES TURBOJET ENGINES
TURBO-SI USE TURBOCH USE	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT IARGERS SUPERCHARGERS TURBOCOMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES . AIR BREATHING ENGINES . GAS TURBINE ENGINES . JET ENGINES . JET ENGINES . TURBOJET ENGINES . BRISTOL-SIDDELEY OLYMPUS
TURBO-SI USE TURBOCH USE	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT IARGERS SUPERCHARGERS TURBOCOMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES JET ENGINES		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES GAS TURBINE ENGINES JET ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS S93 ENGINE BRISTOL-SIDDELEY VIPER
TURBO-SI USE TURBOCH USE	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  IARGERS SUPERCHARGERS TURBOCOMPRESSORS  MMPRESSORS  AVIAL COMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TF-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES JET ENGINES JET ENGINES TURBOJET ENGINES		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES . AIR BREATHING ENGINES . JET ENGINES . JET ENGINES . JET ENGINES . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE . BRISTOL-SIDDELEY VIPER ENGINE
TURBO-SI USE TURBOCH USE TURBOCK UF	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT IARGERS SUPERCHARGERS TURBOCOMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES JET ENGINES		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES . AIR BREATHING ENGINES . JET ENGINES . JET ENGINES . TURBOJET ENGINES . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE . BRISTOL-SIDDELEY VIPER ENGINE . DUCTED FAN ENGINES
TURBO-SI USE TURBOCH USE TURBOCK UF	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  IARGERS SUPERCHARGERS TURBOCOMPRESSORS  MMPRESSORS AXIAL COMPRESSORS MULTISTAGE COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TF-41 ENGINE TURBINE ENGINES JET ENGINES JET ENGINES TURBOJET ENGINES TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES GAS TURBINE ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS S93 ENGINE BRISTOL-SIDDELEY VIPER ENGINE UDUCTED FAN ENGINES J-33 ENGINE J-34 ENGINE
TURBO-SI USE TURBOCH USE TURBOCK UF	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT IARGERS SUPERCHARGERS TURBOCOMPRESSORS AMAIL COMPRESSORS AVIAL FLOW COMPRESSORS MULTISTAGE COMPRESSORS TURBOCHARGERS TURBOCHARGERS COMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-30 ENGINE TURBINE ENGINES TF-41 ENGINE TURBINE ENGINES JET ENGINES JURBOJET ENGINES TURBOJET ENGINES TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES . JET ENGINES . JET ENGINES . TURBOJET ENGINES . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE ENGINE ENGINE . DUCTED FAN ENGINES . J33 ENGINE . J44 ENGINE . J47 ENGINE
TURBOCS USE TURBOCC USE TURBOCC UF	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  IARGERS SUPERCHARGERS TURBOCOMPRESSORS  MMPRESSORS AXIAL COMPRESSORS MULTISTAGE COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS		TURBOJET ENGINES  TURBOFAN ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT ENGINES  J-97 ENGINE  TF-30 ENGINE  TF-41 ENGINE  TURBINE ENGINES  GAS TURBINE ENGINES  TURBOJET ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES GAS TURBINE ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS 593 ENGINE BRISTOL-SIDDELEY VIPER ENGINE DUCTED FAN ENGINES J-33 ENGINE J-34 ENGINE J-34 ENGINE J-37 ENGINE J-57 ENGINE
TURBO-SI USE TURBOCH USE TURBOCC UF	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  IARGERS SUPERCHARGERS TURBOCOMPRESSORS  AXIAL COMPRESSORS AXIAL FLOW COMPRESSORS MULTISTAGE COMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-30 ENGINE TURBINE ENGINES GAS TURBINE ENGINES JET ENGINES TURBOJET ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINES		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES . JET ENGINES . JET ENGINES . TURBOJET ENGINES . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE ENGINE ENGINE . DUCTED FAN ENGINES . J33 ENGINE . J44 ENGINE . J47 ENGINE
TURBO-SI USE TURBOCH USE TURBOCCUF GS	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT  LARGERS SUPERCHARGERS TURBOCOMPRESSORS  MAPRESSORS AXIAL COMPRESSORS MULTISTAGE COMPRESSORS TURBOCHARGERS COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOMACHINERY TURBOCOMPRESSORS CENTRIFUGAL COMPRESSORS		TURBOJET ENGINES  TURBOFAN ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT ENGINES  J-97 ENGINE  TF-30 ENGINE  TF-41 ENGINE  TURBINE ENGINES  GAS TURBINE ENGINES  TURBOJET ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT ENGINES  J-97 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES GAS TURBINE ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS 593 ENGINE BRISTOL-SIDDELEY VIPER ENGINE DUCTED FAN ENGINES J-33 ENGINE J-34 ENGINE J-57 ENGINE J-57 ENGINE J-57 ENGINE J-65 ENGINE J-66 ENGINE J-68-T-25 ENGINE
TURBO-SI USE  TURBOCH USE  TURBOCCO UF  GS	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  SUPERCHARGERS TURBOCOMPRESSORS  MAPRESSORS AXIAL COMPRESSORS MULTISTAGE COMPRESSORS TURBOCOMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL PUMPS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES JET ENGINES TURBOJET ENGINES TURBOJET ENGINES ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TURBOJES TURBOJET ENGINES TURBOJET ENGINES TURBOJET ENGINES TURBOJET ENGINES TURBOJET ENGINE TH-50 ENGINE TH-30 ENGINE TH-30 ENGINE TH-30 ENGINE TH-30 ENGINE TH-30 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES  AIR BREATHING ENGINES  GAS TURBINE ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY OLYMPUS 593 ENGINE  BRISTOL-SIDDELEY VIPER ENGINE  DUCTED FAN ENGINES  J-33 ENGINE  J-34 ENGINE  J-47 ENGINE  J-57 ENGINE  J-57-P-20 ENGINE  J-68-T-25 ENGINE  J-71 ENGINE  J-71 ENGINE
TURBO-SI USE TURBOCH USE TURBOCC UF GS	TURBINE PUMPS TURBINE WHEELS TURBOGENERATORS TURBOSHAFTS  KYYAN AIRCRAFT SC-7 AIRCRAFT  LARGERS SUPERCHARGERS TURBOCOMPRESSORS  MAPRESSORS AXIAL COMPRESSORS MULTISTAGE COMPRESSORS TURBOCHARGERS COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOMACHINERY TURBOCOMPRESSORS CENTRIFUGAL COMPRESSORS		TURBOJET ENGINES  TURBOFAN ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT ENGINES  J-97 ENGINE  TF-30 ENGINE  TF-41 ENGINE  TURBINE ENGINES  GAS TURBINE ENGINES  TURBOJET ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY BS 53 ENGINE  CF-700 ENGINE  CONVERTIBLE FAN-SHAFT ENGINES  J-97 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES ENGINES AIR BREATHING ENGINES . JET ENGINES . JET ENGINES . TURBOJET ENGINES . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE ENGINE . DUCTED FAN ENGINES . J-33 ENGINE . J-34 ENGINE . J-47 ENGINE . J-57 ENGINE . J-57 ENGINE . J-58 ENGINE . J-69 ENGINE . J-71 ENGINE . J-71 ENGINE . J-73 ENGINE
TURBO-SI USE  TURBOCH USE  TURBOCCO UF  GS	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  SUPERCHARGERS TURBOCOMPRESSORS  MAPRESSORS AXIAL COMPRESSORS AXIAL FLOW COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS COMPRESSORS TURBOCHARGERS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL PUMPS COMPRESSOR BLADES COMPRESSOR BLADES COMPRESSOR ROTORS ROTATING STALLS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-30 ENGINE TH-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES TURBOJET ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES  AIR BREATHING ENGINES  GAS TURBINE ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY OLYMPUS 593 ENGINE  BRISTOL-SIDDELEY VIPER ENGINE  DUCTED FAN ENGINES  J-33 ENGINE  J-34 ENGINE  J-47 ENGINE  J-57 ENGINE  J-57-P-20 ENGINE  J-68-T-25 ENGINE  J-71 ENGINE
TURBO-SI USE TURBOCH USE TURBOCCO UF GS	TURBINE PUMPS TURBINE WHEELS TURBOSENERATORS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT SC-7 AIRCRAFT  IARGERS SUPERCHARGERS TURBOCOMPRESSORS  MMPRESSORS AXIAL COMPRESSORS AXIAL FLOW COMPRESSORS MULTISTAGE COMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL PUMPS COMPRESSOR BLADES COMPRESSOR BLADES COMPRESSOR ROTORS ROTATING STALLS ROTORIS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-41 ENGINE TF-41 ENGINE TURBINE ENGINES STATE ENGINES TURBOJET ENGINES TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-30 ENGINE TF-30 ENGINE TF-41 ENGINE TF-41 ENGINE B-52 AIRCRAFT BOEING 747 AIRCRAFT BOEING 767 AIRCRAFT		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES  AIR BREATHING ENGINES  AIR BREATHING ENGINES  AIR BREATHING ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY OLYMPUS 593 ENGINE  BRISTOL-SIDDELEY VIPER ENGINE  DUCTED FAN ENGINES  J-33 ENGINE  J-34 ENGINE  J-47 ENGINE  J-57 ENGINE  J-57-P-20 ENGINE  J-65 ENGINE  J-73 ENGINE  J-73 ENGINE  J-73 ENGINE  J-75 ENGINE
TURBO-SI USE TURBOCK USE TURBOCK UF GS	TURBINE PUMPS TURBINE WHEELS TURBOSHAFTS  KYVAN AIRCRAFT SC-7 AIRCRAFT  SUPERCHARGERS TURBOCOMPRESSORS  MAPRESSORS AXIAL COMPRESSORS AXIAL FLOW COMPRESSORS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS TURBOCHARGERS COMPRESSORS TURBOCHARGERS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS TURBOCOMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL COMPRESSORS CENTRIFUGAL PUMPS COMPRESSOR BLADES COMPRESSOR BLADES COMPRESSOR ROTORS ROTATING STALLS		TURBOJET ENGINES TURBOFAN ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE TF-30 ENGINE TH-41 ENGINE TURBINE ENGINES GAS TURBINE ENGINES TURBOJET ENGINES TURBOJET ENGINES BRISTOL-SIDDELEY BS 53 ENGINE CF-700 ENGINE CONVERTIBLE FAN-SHAFT ENGINES J-97 ENGINE TF-30 ENGINE		FUEL CONTROL REMOTE CONTROL SERVOCONTROL THRUST CONTROL  JET ENGINES  ENGINES  AIR BREATHING ENGINES  JET ENGINES  TURBOJET ENGINES  BRISTOL-SIDDELEY OLYMPUS 593 ENGINE  BRISTOL-SIDDELEY VIPER ENGINE  DUCTED FAN ENGINES  J-34 ENGINE  J-34 ENGINE  J-47 ENGINE  J-57 ENGINE  J-65 ENGINE  J-71 ENGINE  J-71 ENGINE  J-73 ENGINE  J-73 ENGINE  J-73 ENGINE  J-73 ENGINE  J-75 ENGINE

	(CONT)	TURBOPROP ENGINES-(CONT.)
TURBOJET ENGINES-(CONT.)	TURBOJET ENGINES-(CONT.)	. GAS TURBINE ENGINES
BRISTOL-SIDDELEY BS 53	TURBUHAMJET ENGINES	JET ENGINES
ENGINE CF-700 ENGINE	RT CONVERGENT NO7ZLES	TURBOJET ENGINES
CONVERTIBLE FAN-SHAFT	HOUND DOG MISSILE	TURBOPROP ENGINES
ENGINES	JET AIRCRAFT	T-53 ENGINE
J-97 ENGINE	MACE MISSILES	T-56 ENGINE T-64 ENGINE
TF-41 ENGINE	QUAIL MISSILE FIAMJET ENGINES	T-74 ENGINE
TURBOPROP ENGINES	REGULUS MISSILE	INTERNAL COMBUSTION ENGINES
T-53 ENGINE T-56 ENGINE	TIEBEES MISSIE	GAS TURBINE ENGINES
T-64 ENGINE	TURBOMACHINE BLADES	JET ENGINES
T-74 ENGINE	GS TURBOMACHINE BLADES	TURBOJET ENGINES
TURBORAMJET ENGINES	. COMPRESSOR BLADES	TURBOPROP ENGINES T-34 ENGINE
INTERNAL COMBUSTION ENGINES	. ROTOR BLADES (TURBOMACHINERY)	T-38 ENGINE
GAS TURBINE ENGINES	. STATOR BLADES	T-53 ENGINE
JET ENGINES	. TURBINE BLADES RT AIRFOILS	T-56 ENGINE
BRISTOL-SIDDELEY OLYMPUS	RT AIRFOILS ∞BLADES	T-64 ENGINE
593 ENGINE	∞ BUCKETS	T-74 ENGINE
BRISTOL-SIDDELEY VIPER	CASCADE FLOW	T-78 ENGINE
ENGINE	FAN BLADES	TURBINE ENGINES . GAS TURBINE ENGINES
DUCTED FAN ENGINES	IMPELLERS	JET ENGINES
J-33 ENGINE	PADDLES	TURBOJET ENGINES
J-34 ENGINE J-47 ENGINE	ROTORS TURBINE WHEELS	TURBOPROP ENGINES
J-52 ENGINE	VANES	T-34 ENGINE
J-57 ENGINE	VAILEO .	T-38 ENGINE
J-57-P-20 ENGINE	TURBOMACHINERY	T-53 ENGINE
J-65 ENGINE	GS TURBOMACHINERY	T-56 ENGINE
J-69-T-25 ENGINE	. CENTRIFUGAL COMPRESSORS	T-74 ENGINE
J-71 ENGINE	. CENTRIFUGAL PUMPS	T-78 ENGINE
J-73 ENGINE	. J-33 ENGINE	RT C-160 AIRCRAFT
J-75 ENGINE J-79 ENGINE	. TURBINE PUMPS	CONTRAROTATING PROPELLERS
J-85 ENGINE	. TURBINES	E-2 AIRCRAFT
J-93 ENGINE	AXIAL FLOW TURBINES GAS TURBINES	P-3 AIRCRAFT
RA-28 ENGINE	SHROUDED TURBINES	PROP-FAN TECHNOLOGY
TURBOFAN ENGINES	STEAM TURBINES	TURBOFAN ENGINES XC-142 AIRCRAFT
BRISTOL-SIDDELEY BS 53	SUPERSONIC TURBINES	AC-142 AIRCHAPT
ENGINE	TWO STAGE TURBINES	TURBOPUMPS
CF-700 ENGINE	WIND TURBINES	USE TURBINE PUMPS
CONVERTIBLE FAN-SHAFT ENGINES	TIP VANES	TOTAL TOTAL
J-97 ENGINE	. TURBOCOMPRESSORS	TURBORAMJET ENGINES
TF-30 ENGINE	. TURBOFANS	GS ENGINES
TF-41 ENGINE	. TURBOGENERATORS ASTEC SOLAR TURBOELECTRIC	. AIR BREATHING ENGINES
TURBOPROP ENGINES	GENERATOR	GAS TURBINE ENGINES
T-34 ENGINE	RT BLOWERS	JET ENGINES
T-38 ENGINE	COMPRESSORS	RAMJET ENGINES
T-53 ENGINE	∞ MACHINERY	Turboramjet engines Turbojet engines
T-56 ENGINE	PUMPS	TURBORAMJET ENGINES
T-74 ENGINE	ROTATING GENERATORS	INTERNAL COMBUSTION ENGINES
T-78 ENGINE	ROTOR DYNAMICS SUPERCHARGERS	. GAS TURBINE ENGINES
TURBORAMJET ENGINES	TURBINE INSTRUMENTS	JET ENGINES
. TURBINE ENGINES	TOTIBLE MOTTOMETTO	RAMJET ENGINES
GAS TURBINE ENGINES	TURBOPROP AIRCRAFT	TURBORAMJET ENGINES
JET ENGINES	GS JET AIRCRAFT	TURBOJET ENGINES
TURBOJET ENGINES BRISTOL-SIDDELEY OLYMPUS	. TURBOPROP AIRCRAFT	<b>Turboramjet engines</b> . Turbine engines
593 ENGINE	AN-22 AIRCRAFT	. GAS TURBINE ENGINES
BRISTOL-SIDDELEY VIPER	AN-24 AIRCRAFT	JET ENGINES
ENGINE	ARGOSY MK-1 AIRCRAFT	RAMJET ENGINES
DUCTED FAN ENGINES	. BREGUET 941 AIRCRAFT	TURBORAMJET ENGINES
J-33 ENGINE	BREGUET 1150 AIRCRAFT C-2 AIRCRAFT	TURBOJET ENGINES
J-34 ENGINE	C-130 AIRCRAFT	TURBORAMJET ENGINES
J-47 ENGINE	C-133 AIRCRAFT	
J-52 ENGINE J-57 ENGINE	C-160 AIRCRAFT	TURBOROCKET ENGINES
J-57-P-20 ENGINE	CL-44 AIRCRAFT	GS ENGINES . ROCKET ENGINES
J-65 ENGINE	CL-84 AIRCRAFT	. TURBOROCKET ENGINES
J-69-T-25 ENGINE	DHC 5 AIRCRAFT	TORPEDO ENGINES
J-71 ENGINE	E-2 AIRCRAFT	TURBOROCKET ENGINES
J-73 ENGINE	ELECTRA AIRCRAFT F-27 AIRCRAFT	RT BOOSTER ROCKET ENGINES
J-75 ENGINE	G-222 AIRCRAFT	HYDRAZINE ENGINES
J-79 ENGINE J-85 ENGINE	. HS-748 AIRCRAFT	HYDROGEN OXYGEN ENGINES
J-83 ENGINE	MH-262 AIRCRAFT	LIQUID AIR CYCLE ENGINES
RA-28 ENGINE	OV-1 AIRCRAFT	RESTARTABLE ROCKET ENGINES SUSTAINER ROCKET ENGINES
TURBOFAN ENGINES	OV-10 AIRCRAFT	GOGINITER ROOKET ENGINES
BRISTOL-SIDDELEY BS 53	SC-5 AIRCRAFT	TURBOROTORS
ENGINE	VISCOUNT AIRCRAFT	USE TURBINE WHEELS
CF-700 ENGINE	YS-11 AIRCRAFT RT ∞AIRCRAFT	· · · · · · · · · · · · · · · · · · ·
CONVERTIBLE FAN-SHAFT	RT ∞AIRCRAFT GENERAL AVIATION AIRCRAFT	TURBOSHAFTS
ENGINES		GS SHAFTS (MACHINE ELEMENTS)
J-97 ENGINE	PASSENGER AIRCRAFT	. ROTATING SHAFTS
TF-30 ENGINE TF-41 ENGINE	∞ SUBSONIC AIRCRAFT	TURBOSHAFTS
TURBOPROP ENGINES	TRANSPORT AIRCRAFT	RT CONVERTIBLE FAN-SHAFT ENGINES
T-34 ENGINE	TURBOFAN AIRCRAFT	ROTORS
T-38 ENGINE		TURBINES
T-53 ENGINE	TURBOPROP ENGINES	
T-56 ENGINE	UF DART TURBOPROP ENGINES	TURBULENCE
T-64 ENGINE	GS ENGINES	GS TURBULENCE
T-74 ENGINE	. AIR BREATHING ENGINES	. ATMOSPHERIC TURBULENCE

## **TURBULENCE EFFECTS**

TURBL	JLENCE-(CONT.)	TURBULENT FLOW-(CONT.)	TURNING FLIGHT
	CLEAR AIR TURBULENCE	ATMOSPHERIC TURBULENCE	UF BANKING FLIGHT
	GUSTS	BLASIUS FLOW	GS TURNING FLIGHT
	LOW LEVEL TURBULENCE	BOUNDARY LAYER TRANSITION	. MINOR CIRCLE TURNING FLIGHT
	. HOMOGENEOUS TURBULENCE	CLOSURE LAW	RT AERODYNAMIC BALANCE
	. ISOTROPIC TURBULENCE	COMBUSTIBLE FLOW	AIRCRAFT MANEUVERS
	. LOW TURBULENCE	COUNTERFLOW	AIRCRAFT STABILITY
	MAGNETOHYDRODYNAMIC	CRITICAL FLOW	CLIMBING FLIGHT
	TURBULENCE	EDDY VISCOSITY	∞FL <del>l</del> GHT
	PLASMA TURBULENCE	FLOW CHARACTERISTICS	FLIGHT PATHS
RT	AERODYNAMIC DRAG	FLOW STABILITY	HORIZONTAL FLIGHT
	ATMOSPHERIC EFFECTS	FLUID AMPLIFIERS	LATERAL OSCILLATION
	BACKWASH	FLUID DYNAMICS	LATERAL STABILITY
	BOUNDARY LAYER CONTROL	FREE CONVECTION	MANEUVERS
	BOUNDARY LAYER TRANSITION	GAS FLOW	MOMENTUM
	FLOW CHARACTERISTICS	GUST ALLEVIATORS	ROLL
	FLUID DYNAMICS	INVISCID FLOW	YAW
	GAS STREAMS	ISOTROPIC TURBULENCE	
	MICROMETEOROLOGY	K-EPSILON TURBULENCE MODEL	TUTOR AIRCRAFT
	MIXING ∞ MOTION	KOLMOGOROFF THEORY	USE CL-41 AIRCRAFT
	NONUNIFORMITY	LAGRANGE SIMILARITY HYPOTHESIS	
	PANEL METHOD (FLUID DYNAMICS)	LAMINAR FLOW	TVC (CONTROL)
	PERIOD DOUBLING	LIQUID FLOW	USE THRUST VECTOR CONTROL
	SEA ROUGHNESS	MASS FLOW	
	SLIPSTREAMS	MIXING LENGTH FLOW THEORY MULTIPHASE FLOW	TWISTED WINGS
	STEADY FLOW	NONUNIFORM FLOW	GS AIRFOILS
	STRANGE ATTRACTORS	OPEN CHANNEL FLOW	. WINGS
	STROUHAL NUMBER	ORIFICE FLOW	TWISTED WINGS
	SURFACE NOISE INTERACTIONS	PARTICLE LADEN JETS	RT CAMBERED WINGS
	TURBULENT BOUNDARY LAYER	PERIOD DOUBLING	FIXED WINGS
	TURBULENT FLOW	PIPE FLOW	FLEXIBLE WINGS
	UNSTEADY FLOW	PRESSURE OSCILLATIONS	RING WINGS
	VERTICAL AIR CURRENTS	RECIRCULATIVE FLUID FLOW	UNCAMBERED WINGS
	VORTEX FILAMENTS	REYNOLDS NUMBER	
	VORTICES	REYNOLDS STRESS	TWO DIMENSIONAL BODIES
	VORTICITY	ROTATING FLUIDS	RT ∞BODIES
	WAKES	SINGLE-PHASE FLOW	∞ CROSS SECTIONS
	WIND EFFECTS	STEADY FLOW	DUCTED BODIES
		STEAM FLOW	MATHEMATICAL MODELS
TURBUI	LENCE EFFECTS	SUBCRITICAL FLOW	∞ SURFACES
RT	AERODYNAMIC STABILITY	SUPERCRITICAL FLOW	### TOTAL TO
	BUFFETING	TOLLMIEN-SCHLICHTING WAVES	TWO DIMENSIONAL BOUNDARY LAYER
	∞EFFECTS	∞TRANSITION LAYERS	GS BOUNDARY LAYERS
	FLUTTER	TURBULENCE	. TWO DIMENSIONAL BOUNDARY
	SEEING (ASTRONOMY)	TURBULENCE MODELS	LAYER
	SEPARATED FLOW	TWO PHASE FLOW	RT LAMINAR BOUNDARY LAYER
		UNIFORM FLOW	SUPERSONIC BOUNDARY LAYERS
THERM	LENCE METERS	VISCOUS DRAG	TURBULENT BOUNDARY LAYER
UF	HOT-WIRE TURBULENCE METERS	VISCOUS FLOW	TORBULENT BOUNDART LATER
GS	MEASURING INSTRUMENTS	VORTEX AVOIDANCE	TWO DIMENSIONAL FLOW
	. TURBULENCE METERS	VORTEX BREAKDOWN	GS FLUID FLOW
RT	HOT-WIRE FLOWMETERS	VORTICES	. TWO DIMENSIONAL FLOW
	**************************************	VORTICITY TRANSPORT HYPOTHESIS	COUETTE FLOW
THOSE	ENCE MODELS		RT AXIAL FLOW
GS	MODELS	TURBULENT HEAT TRANSFER	BLASIUS FLOW
GS	. MATHEMATICAL MODELS	GS TRANSMISSION	CAPILLARY WAVES
	. TURBULENCE MODELS	. HEAT TRANSMISSION	COAXIAL FLOW
	K-EPSILON TURBULENCE MODEL	. HEAT TRANSFER	FLOW GEOMETRY
RT	COMPUTATIONAL FLUID DYNAMICS	TURBULENT HEAT TRANSFER	HARTMANN FLOW
	FLOW EQUATIONS	RT AERODYNAMIC HEAT TRANSFER	ONE DIMENSIONAL FLOW
	MIXING LENGTH FLOW THEORY	CONVECTIVE HEAT TRANSFER	PRANDTL-MEYER EXPANSION
	RENORMALIZATION GROUP METHODS	LAMINAR HEAT TRANSFER	RADIAL FLOW
	TURBULENT BOUNDARY LAYER	THERMOHYDRAULICS	RAYLEIGH WAVES
	TURBULENT FLOW		STEADY FLOW
			STREAM FUNCTIONS (FLUIDS)
TURBUL	ENT BOUNDARY LAYER	TURBULENT JETS	TAYLOR INSTABILITY
GS	BOUNDARY LAYERS	RT FLUID AMPLIFIERS	THREE DIMENSIONAL FLOW
	TURBULENT BOUNDARY LAYER	JET STREAMS (METEOROLOGY)	WALL FLOW
RT		∞JETS	WEDGE FLOW
	BOUNDARY LAYER TRANSITION		
	BOUNDARY LAYER TRANSITION COMPRESSIBLE BOUNDARY LAYER		
		THOSH ENT MIVING	TWO DIMENSIONAL JETS
	COMPRESSIBLE BOUNDARY LAYER	TURBULENT MIXING	
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER	GS MIXING	TWO DIMENSIONAL JETS
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER	GS MIXING . <b>Turbulent Mixing</b>	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW  ### STATES OF THE PROPERTY O
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER	GS MIXING . <b>Turbulent Mixing</b> RT Agitation	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL	GS MIXING . TURBULENT MIXING RT AGITATION LAMINAR MIXING	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW  ### STATES OF THE PROPERTY O
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER	GS MIXING . TURBULENT MIXING RT AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS)	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW  ### STATES OF THE PROPERTY O
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER  DAYERS	GS MIXING . TURBULENT MIXING RT AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY	TWO DIMENSIONAL JETS RT JET FLOW  JET MIXING FLOW  ∞JETS  WALL FLOW
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS	GS MIXING . TURBULENT MIXING  RT AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS
,	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER  MIXING LAYERS MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS	GS MIXING . TURBULENT MIXING RT AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION
•	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER	GS MIXING . TURBULENT MIXING AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW
,	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER	GS MIXING . TURBULENT MIXING AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE	GS MIXING . TURBULENT MIXING AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REVNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE TURBULENCE MODELS	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  TWO DIMENSIONAL MODELS  COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  THREE DIMENSIONAL MODELS
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE	GS MIXING TURBULENT MIXING AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW  ***JETS** WALL FLOW  TWO DIMENSIONAL MODELS GS MODELS . TWO DIMENSIONAL MODELS RT COMPUTERIZED SIMULATION MATHEMATICAL MODELS THREE DIMENSIONAL MODELS THREE DIMENSIONAL MODELS RT BOLTZMANN DISTRIBUTION
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYER TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER	GS MIXING . TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES . TURBULENT WAKES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  SJETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  TWO FLUID MODELS  RT BOLTZMANN DISTRIBUTION LIQUID HELIUM
TURBUL	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STHESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES SUPSTREAMS	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  SJETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  THREE DIMENSIONAL MODELS  TOP FLUID MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW
	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES . SLIPSTREAMS SLIPSTREAMS PROPELLER SLIPSTREAMS	TWO DIMENSIONAL JETS RT JET FLOW JET MIXING FLOW
TURBUL	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYER TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW FUND FLOW TURBULENT FLOW	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES SLIPSTREAMS PROPELLER SLIPSTREAMS RT AIRCRAFT WAKES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  TWO FLUID MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW  MIXING LAYERS (FLUIDS)  ROTATING PLASMAS
TURBUL	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYER TURBULENCE TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW TURBULENT FLOW CAVITATION FLOW	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES SLIPSTREAMS TURBULENT WAKES AIRCRAFT WAKES LAMINAR WAKES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  THREE DIMENSIONAL MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW  MIXING LAYERS (FLUIDS)  ROTATING PLASMAS  SHOCK WAVE PROPAGATION
<b>TURBUL</b> GS	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW CAVITATION FLOW CAVITATION FLOW SUPERCAVITATING FLOW	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES . SUPSTREAMS PROPELLER SLIPSTREAMS RT AIRCRAFT WAKES LAMINAR WAKES TRAPPED VORTICES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  TWO FLUID MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW  MIXING LAYERS (FLUIDS)  ROTATING PLASMAS
TURBUL	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYERS THERMAL BOUNDARY LAYER TURBULENCE TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW TURBULENT FLOW CAVITATION FLOW AERODYNAMIC INTERFERENCE	GS MIXING TURBULENT MIXING AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES SLIPSTREAMS SIPSTREAMS AIRCRAFT WAKES LAMINAR WAKES TRAPPED VORTICES VORTEX ADVISORY SYSTEM	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  TWO FLUID MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW  MIXING LAYERS (FLUIDS)  ROTATING PLASMAS  SHOCK WAVE PROPAGATION  SUPERFLUIDITY
<b>TURBUL</b> GS	COMPRESSIBLE BOUNDARY LAYER EKMAN LAYER HYPERSONIC BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER INCOMPRESSIBLE BOUNDARY LAYER K-EPSILON TURBULENCE MODEL LAMINAR BOUNDARY LAYER MIXING LAYERS (FLUIDS) REYNOLDS STRESS RIBLETS SUPERSONIC BOUNDARY LAYERS THERMAL BOUNDARY LAYER THREE DIMENSIONAL BOUNDARY LAYER TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW FLUID FLOW TURBULENCE MODELS TWO DIMENSIONAL BOUNDARY LAYER  ENT FLOW CAVITATION FLOW CAVITATION FLOW SUPERCAVITATING FLOW	GS MIXING TURBULENT MIXING  AGITATION LAMINAR MIXING MIXING LAYERS (FLUIDS) MIXING LENGTH FLOW THEORY RECIRCULATIVE FLUID FLOW TRAPPED VORTICES VORTICES  TURBULENT WAKES UF SWIRLING WAKES GS WAKES TURBULENT WAKES . SUPSTREAMS PROPELLER SLIPSTREAMS RT AIRCRAFT WAKES LAMINAR WAKES TRAPPED VORTICES	TWO DIMENSIONAL JETS  RT JET FLOW  JET MIXING FLOW  ∞ JETS  WALL FLOW  TWO DIMENSIONAL MODELS  GS MODELS  . TWO DIMENSIONAL MODELS  RT COMPUTERIZED SIMULATION  MATHEMATICAL MODELS  THREE DIMENSIONAL MODELS  THREE DIMENSIONAL MODELS  RT BOLTZMANN DISTRIBUTION  LIQUID HELIUM  MAGNETOHYDRODYNAMIC FLOW  MIXING LAYERS (FLUIDS)  ROTATING PLASMAS  SHOCK WAVE PROPAGATION

# UNDAMPED OSCILLATIONS

		101 64 U	ELICOPTER-(CONT.)	ULTRASO	NIC TESTS-(CONT.)
TWO PH	ASE FLOW-(CONT.)	UH-34 H	UTILITY AIRCRAFT	90	TESTS
	. MULTIPHÀSE FLOW TWO PHASE FLOW		. UH-34 HELICOPTER		ULTRASONICS
RT	GAS FLOW		V/STOL AIRCRAFT . ROTARY WING AIRCRAFT		NIC WAVE TRANSDUCERS
	LAMINAR FLOW LIQUID FLOW		. HELICOPTERS	GS	TRANSDUCERS . ULTRASONIC WAVE TRANSDUCERS
	PRESSURE DROP		MILITARY HELICOPTERS	RT	FLECTROACOUSTICS
•	SINGLE-PHASE FLOW	RT	UH-34 HELICOPTER S-58 HELICOPTER	***	ELECTRONIC TRANSDUCERS
	SOLIDS FLOW TURBULENT FLOW	Bi	330 HELIOCH LEA		MICROPHONES PRESSURE SENSORS
	TONBOLEINT LEON		HELICOPTER		SONAR
TWO ST	AGE TURBINES	UF GS	YUH-60A HELICOPTER SIKORSKY AIRCRAFT		SURFACE ACOUSTIC WAVE DEVICES
GS	TURBOMACHINERY . TURBINES	do	UH-60A HELICOPTER		ULTRASONICS UNDERWATER ACOUSTICS
	. TWO STAGE TURBINES		TRANSPORT AIRCRAFT		UNDERWATER ACCOUNTS
RT	GAS TURBINE ENGINES		. UH-60A HELICOPTER UTILITY AIRCRAFT	ULTRAVI	OLET PHOTOGRAPHY
	GAS TURBINES STEAM TURBINES		UH-60A HELICOPTER	GS	PHOTOGRAPHY ULTRAVIOLET PHOTOGRAPHY
	OTEMIN TOTAL		V/STOL AIRCRAFT . ROTARY WING AIRCRAFT	AT	AERIAL PHOTOGRAPHY
T2J AIR			HELICOPTERS		CAMERAS
USE	T-2 AIRCRAFT		MILITARY HELICOPTERS		COLOR PHOTOGRAPHY FAINT OBJECT CAMERA
T3J AIR	CRAFT	RT	UH-60A HELICOPTER HELICOPTER DESIGN		INFRARED PHOTOGRAPHY
	T-39 AIRCRAFT	133	UH-1 HELICOPTER		RADAR PHOTOGRAPHY
		UH-61A	HELICOPTER		OLET SPECTROGRAPHS
		UF	YUH-61A HELICOPTER	USE	ULTRAVIOLET SPECTROMETERS
	U	GS	SIKORSKY AIRCRAFT . UH-61A HELICOPTER	III TRAV	IOLET SPECTROMETERS
			TRANSPORT AIRCRAFT	UF	ULTRAVIOLET SPECTROGRAPHS
U TUBE			UH-61A HELICOPTER	GS	MEASURING INSTRUMENTS OPTICAL MEASURING INSTRUMENTS
USE	MANOMETERS		UTILITY AIRCRAFT UH-61A HELICOPTER		PHOTOMETERS
U-2 AIR	CRAFT		V/STOL AIRCRAFT		ULTRAVIOLET SPECTROMETERS
UF	LOCKHEED U-2 AIRCRAFT		. ROTARY WING AIRCRAFT		TOTAL OZONE MAPPING SPECTROMETER
00	WU-2 AIRCRAFT JET AIRCRAFT		HELICOPTERS MILITARY HELICOPTERS		RADIATION MEASURING INSTRUMENTS
GS	, U-2 AIRCRAFT		UH-61A HELICOPTER		ACTINOMETERS
	LOCKHEED AIRCRAFT	RT	HELICOPTER DESIGN UH-1 HELICOPTER		ULTRAVIOLET DETECTORS ULTRAVIOLET SPECTROMETERS
	. U-2 AIRCRAFT MONOPLANES		UH-1 HELICOPTER		TOTAL OZONE MAPPING
	U-2 AIRCRAFT	ULLAG	E		SPECTROMETER
	OBSERVATION AIRCRAFT	RT	FUEL TANK PRESSURIZATION		PHOTOMETERS ULTRAVIOLET SPECTROMETERS
	. U-2 AIRCRAFT RECONNAISSANCE AIRCRAFT		FUEL TANKS INTERFACE STABILITY		TOTAL OZONE MAPPING
	. U-2 AIRCRAFT		LIQUID SLOSHING		SPECTROMETER . SPECTROMETERS
	RESEARCH AIRCRAFT		PROPELLANT TANKS		. ULTRAVIOLET SPECTROMETERS
	. U-2 AIRCRAFT UTILITY AIRCRAFT		SPLASHING TANK GEOMETRY		HIGH DISPERSION
	. U-2 AIRCRAFT		ULLAGE ROCKET ENGINES		SPECTROGRAPHS TOTAL OZONE MAPPING
RT	∞ AIRCRAFT		NE ROCKET ENGINES		SPECTROMETER
UFO		GS	ENGINES		OPTICAL EQUIPMENT
USE	UNIDENTIFIED FLYING OBJECTS		. ROCKET ENGINES		OPTICAL MEASURING INSTRUMENTS OPTICAL MEASURING INSTRUMENTS
			ULLAGE ROCKET ENGINES . TORPEDO ENGINES		ULTRAVIOLET SPECTROMETERS
	IELICOPTER HU-1 HELICOPTER		ULLAGE ROCKET ENGINES		TOTAL OZONE MAPPING SPECTROMETER
UF	IROQUOIS HELICOPTER	RT	SOLID PROPELLANT ROCKET ENGINES	ЯT	EBERT SPECTROMETERS
	RH-2 HELICOPTER		ULLAGE		SOLAR MAXIMUM MISSION
	YHU-1 HELICOPTER YUH-1 HELICOPTER	ULTRA	ALIGHT AIRCRAFT		SOLAR SPECTROMETERS
GS	BELL AIRCRAFT	RT	∞ AIRCRAFT	UNCAM	BERED WINGS
	. <b>UH-1 HELICOPTER</b> UTILITY AIRCRAFT		HANG GLIDERS LIGHT AIRCRAFT	GS	AIRFOILS
	. UH-1 HELICOPTER		MAN POWERED AIRCRAFT		. WINGS <b>Uncambered Wings</b>
	V/STOL AIRCRAFT		∞WINGED VEHICLES		RING WINGS
	. ROTARY WING AIRCRAFT HELICOPTERS	UI TR	ALOW TEMPERATURE	RT	CAMBERED WINGS
	MILITARY HELICOPTERS	USE			FIXED WINGS THIN WINGS
	UH-1 HELICOPTER		ADDING OF FAMING		TWISTED WINGS
RT	UH-60A HELICOPTER UH-61A HELICOPTER	GS	ASONIC CLEANING CLEANING		ITROLLED REENTRY (SPACECRAFT)
			ULTRASONIC CLEANING	GS	ATMOSPHERIC ENTRY
UH-2	HELICOPTER	RT	ACOUSTICS CAVITATION FLOW		. REENTRY
ŲF	HU2K-1 HELICOPTER KAMAN UH-2A HELICOPTER		CLEANERS		HYPERSONIC REENTRY UNCONTROLLED REENTRY
	SEASPRITE HELICOPTER		ETCHING		(SPACECRAFT)
GS	KAMAN AIRCRAFT		FLUID FLOW GRINDING MACHINES		SPACECRAFT REENTRY
	. UH-2 HELICOPTER UTILITY AIRCRAFT		MACHINE TOOLS		(SPACECRAFT)
	UH-2 HELICOPTER		PIEZOELECTRIC TRANSDUCERS	AT	AERODYNAMIC HEATING
	V/STOL AIRCRAFT . ROTARY WING AIRCRAFT		POLISHING TOOLS		COSMOS 954 SATELLITE
	. HELICOPTERS		TRANSDUCERS		DESCENT FLIGHT PATHS
	MILITARY HELICOPTERS		ULTRASONICS		PLASMA SHEATHS
	UH-2 HELICOPTER	111 TE	RASONIC TESTS		SPACECRAFT BREAKUP SPACECRAFT SURVIVABILITY
1114-54	HELICOPTER	RT	ACOUSTIC MEASUREMENT		SPACEORAFT SOMETABLETT
UF-34	HUS-1 HELICOPTER		ACOUSTIC SOUNDING DYNAMIC MODULUS OF ELASTICITY	UNDA	MPED OSCILLATIONS
	SEAHORSE HELICOPTER SIKORSKY AIRCRAFT		LAMB WAVES	GS	OSCILLATIONS UNDAMPED OSCILLATIONS
GS	. UH-34 HELICOPTER		MATERIALS TESTS	RT	AIRFOIL OSCILLATIONS
	TRANSPORT AIRCRAFT		NONDESTRUCTIVE TESTS SH WAVES	***	FLAPPING
	. UH-34 HELICOPTER				

# **UNDER SURFACE BLOWING**

UND	AMPED OSCILLATIONS-(CONT.)	UNIF	ORM FLOW-(CONT.)	18444411ED 0000000 (0001E)
	FLUTTER		UNIFORM FLOW	UNMANNED SPACECRAFT-(CONT.)
	RESONANT VIBRATION		BLASIUS FLOW	SURVEYOR LUNAR PROBES
	STABLE OSCILLATIONS	RT	AERODYNAMICS	SURVEYOR 1 LUNAR PROBE
	WING OSCILLATIONS		FLUID DYNAMICS	SURVEYOR 2 LUNAR PROBE
			GAS FLOW	SURVEYOR 3 LUNAR PROBE
UNDE	ER SURFACE BLOWING		HEAT TRANSMISSION	SURVEYOR 4 LUNAR PROBE
GS	BLOWING		LAMINAR FLOW	SURVEYOR 5 LUNAR PROBE
	. UNDER SURFACE BLOWING		LIQUID FLOW	SURVEYOR 6 LUNAR PROBE
RT	AERODYNAMIC CHARACTERISTICS		MASS FLOW	SURVEYOR 7 LUNAR PROBE
	AIRCRAFT CONFIGURATIONS		MULTIPHASE FLOW	MARINER SPACE PROBES
	CIRCULATION CONTROL AIRFOILS		NONUNIFORM FLOW	MARINER R 2 SPACE PROBE
	LIFT		PIPE FLOW	MARINER 1 SPACE PROBE
	∞ SURFACES		PRESSURE GRADIENTS	MARINER 2 SPACE PROBE
	UPPER SURFACE BLOWING		QUASI-STEADY STATES	MARINER 3 SPACE PROBE
	OFFER SOM AGE BLOWING		SINGLE-PHASE FLOW	MARINER 4 SPACE PROBE
			SOLIDS FLOW	MARINER 5 SPACE PROBE
	AGROUND ACOUSTICS		STEADY FLOW	MARINER 6 SPACE PROBE
RT	ACOUSTIC SOUNDING			· · · MARINER 7 SPACE PROBE
	EXPLORATION		STEAM FLOW	. MARINER 8 SPACE PROBE
	MINERALS		SUBCRITICAL FLOW	MARINER 9 SPACE PROBE
	STRATA		TURBULENT FLOW	MARINER 10 SPACE PROBE
			UNSTEADY FLOW	MARINER 11 SPACE PROBE
UNDE	RWATER PROPULSION			MARINER SPACECRAFT
GS	PROPULSION		ASE FLOW	MARINER C SPACECRAFT
	. MARINE PROPULSION	USE	SINGLE-PHASE FLOW	MARINER VENUS 67 SPACECRAF
	UNDERWATER PROPULSION			MARS PROBES
	SUBMARINE PROPULSION	UNIQU	ENESS THEOREM	ADVANCED RECONN ELECTRIC
RT	AEROQUATIC VEHICLES	GS		SPACECRAFT
	CHEMICAL PROPULSION		. UNIQUENESS THEOREM	MARINER 3 SPACE PROBE
	ELECTRIC PROPULSION	RT	ALGEBRA	MARINER 4 SPACE PROBE
	NUCLEAR PROPULSION		COMPLEX VARIABLES	MARINER 6 SPACE PROBE
	PROPELLER DRIVE		GEOMETRY	MARINER 7 SPACE PROBE
	TORPEDO ENGINES		NUMBER THEORY	MARINER 8 SPACE PROBE
	. O. W EDG CHAMILO		PROBABILITY THEORY	MARINER 9 SPACE PROBE
144555			REAL VARIABLES	MARS OBSERVER
ONDER	RWATER RESEARCH LABORATORIES		HEAL VARIABLES	MARS 1 SPACECRAFT
GS	LABORATORIES			MARS 2 SPACECRAFT
	UNDERWATER RESEARCH	UNLOA		MARS 3 SPACECRAFT
	LABORATORIES	RT	∞ DISCHARGE	MARS 4 SPACECRAFT
	RESEARCH VEHICLES		DISPOSAL	MARS 5 SPACECRAFT
	. UNDERWATER RESEARCH		DUMPING	MARS 6 SPACECRAFT
	LABORATORIES		EJECTION	MARS 7 SPACECRAFT
	SUBMERGED BODIES		EMPTYING	VIKING SPACECRAFT
	. UNDERWATER RESEARCH		EVACUATING (TRANSPORTATION)	VIKING LANDER SPACECRAFT
	LABORATORIES		EXPULSION	· · · · · VIKING LANDER 1
	WATER VEHICLES		LOADING OPERATIONS	· · · · · VIKING LANDER 1
	. UNDERWATER VEHICLES		MATERIALS HANDLING	VIKING ORBITER SPACECRAFT
	UNDERWATER RESEARCH		RELEASING	· · · · · VIKING ORBITER SPACECHAFT
	LABORATORIES		REMOVAL	VIVING ORDITER 1
AT	BATHYMETERS		SPREADING	VIKING ORBITER 2
	OCEAN DATA ACQUISITIONS SYSTEMS			VIKING ORBITER 1975
	OCEANOGRAPHY	UNMAN	NED SPACECRAFT	VIKING 1 SPACECRAFT
		GS	UNMANNED SPACECRAFT	VIKING LANDER 1
UNDER	WATER TO SURFACE MISSILES		ECHO 2 SATELLITE	VIKING ORBITER 1
GS	MISSILES		. HEAO 1	VIKING 2 SPACECRAFT
	. UNDERWATER TO SURFACE MISSILES		HEAO 2	VIKING LANDER 2
	. SUBROC MISSILE		HEAO 3	VIKING ORBITER 2
RT	∞ SURFACES		. HOTOL LAUNCH VEHICLE	ZOND 2 SPACE PROBE
•••	#30HFACE3		BIOMESS VENUS SPACES	PIONEER SPACE PROBES
			PIONEER VENUS SPACECRAFT	PIONEER VENUS 2 ENTRY PROBES
	WATER TRAJECTORIES		PIONEER VENUS 1 SPACECRAFT	PIONEER VENUS 2 NIGHT PROBE
GS	TRAJECTORIES		PIONEER VENUS 2 SPACECRAFT	PIONEER VENUS 2 SOUNDER
	. UNDERWATER TRAJECTORIES		PIONEER VENUS 2 TRANSPORTER	PROBE
RT	ANTISUBMARINE WARFARE		BUS	PIONEER 1 SPACE PROBE
	HYDROBALLISTICS		. SPACE PROBES	PIONEER 2 SPACE PROBE
	MISSILE TRAJECTORIES		EXPLORER 18 SATELLITE	PIONEER 3 SPACE PROBE
	SUBROC MISSILE		. GIOTTO MISSION	PIONEER 4 SPACE PROBE
	TORPEDOES		. JUPITER PROBES	PIONEER 5 SPACE PROBE
			. GALILEO PROBE	PIONEER 6 SPACE PROBE
UNDERV	NATER VEHICLES		GALILEO SPACECRAFT	PIONEER 7 SPACE PROBE
GS	WATER VEHICLES		. LUNAR PROBES	PIONEER 8 SPACE PROBE
	UNDERWATER VEHICLES		LUNIK LUNAR PROBES	PIONEER 9 SPACE PROBE
	SUBMARINES		LUNIK 2 LUNAR PROBE	PIONEER 10 SPACE PROBE
	BALLISTIC MISSILE SUBMARINES		LUNIK 3 LUNAR PROBE	PIONEER 11 SPACE PROBE
	GUIDED MISSILE SUBMARINES		LUNIK 9 LUNAR PROBE	. SOLAR PROBES
	TRIDENT SUBMARINE		LUNIK 10 LUNAR PROBE	HELIOS A
	UNDERWATER RESEARCH		LUNIK 11 LUNAR PROBE	HELIOS B
	LABORATORIES		LUNIK 12 LUNAR PROBE	HELIOS 1
RT	AEROQUATIC VEHICLES		LUNIK 13 LUNAR PROBE	HELIOS 2
	BOATS		LUNIK 14 LUNAR PROBE	STARPROBE SPACECRAFT
_	MILITARY VEHICLES		LUNIK 16 LUNAR PROBE	SUNBLAZER SPACE PROBE
٠	RESEARCH VEHICLES		LUNIK 17 LUNAR PROBE	. VENUS PROBES
	SHIPS		LUNIK 19 LUNAR PROBE	MAGELLAN SPACECRAFT (NASA)
	SUBMERGED BODIES		LUNIK 20 LUNAR PROBE	MARINER 1 SPACE PROBE
	SURFACE VEHICLES		LUNIK 22 LUNAR PROBE	MARINER 2 SPACE PROBE
-	VEHICLES		RANGER LUNAR PROBES	MARINER 5 SPACE PROBE
a	O TEN NOLES		RANGER LUNAR LANDING	
1 BANK	NEIPA PLUMA AA :		VEHICLES	MARINER 10 SPACE PROBE
UNIDENT	TIFIED FLYING OBJECTS		RANGER 1 LUNAR PROBE	VENERA SATELLITES
	UFO		RANGER 2 LUNAR PROBE	VENERA 2 SATELLITE
RT ∝	AIRCRAFT		RANGER 3 LUNAR PROBE	VENERA 3 SATELLITE
	EXTRATERRESTRIAL INTELLIGENCE		RANGER 3 LUNAR PHOBE	VENERA 4 SATELLITE
	SPACECRAFT		DANGED & LUNAH PHOSE	VENERA 5 SATELLITE
œ	VEHICLES		RANGER 5 LUNAR PROBE	VENERA 6 SATELLITE
			RANGER 6 LUNAR PROBE	VENERA 7 SATELLITE
UNIFORM	I FLOW		RANGER 7 LUNAR PROBE	VENERA 8 SATELLITE
	FLUID FLOW		RANGER 8 LUNAR PROBE	VENERA 9 SATELLITE
			RANGER 9 LUNAR PROBE	VENERA 10 SATELLITE

			.,
			UTILITY AIRCRAFT-(CONT.)
	ED SPACECRAFT-(CONT.)	UNSTEADY FLOW-(CONT.)	P-531 HELICOPTEH
	VENERA 11 SAIELLUE	UNSTEADY AERODYNAMICS	PD-808 AIRCRAFT
	VENERA 12 SATELLITE		. S-2 AIRCRAFT
	ZOND 1 SPACE PROBE	UNSTEADY STATE  RT	SAAB 105 AIRCRAFT
	ZOND 3 SPACE PROBE	FILLID DYNAMICS	U-2 AIRCRAFT
	ZOND 4 SPACE PROBE	METASTARI F STATE	UL10 AIRCRAFT
	ZOND 5 SPACE PROBE ZOND 6 SPACE PROBE	NONEQUILIBRIUM CONDITIONS	. UH-1 HELICOPTER
	ZOND 7 SPACE PROBE	STABILITY	. UH-2 HELICOPTER
	ZOND & SPACE PROBE	STEADY STATE	UH-34 HELICOPTER
	VOYAGER 1 SPACECRAFT	SYSTEMS STABILITY THERMODYNAMICS	. UH-80A HELICOPTER
	VOYAGER 2 SPACECRAFT	I HENMODITALINGS	. UH-61A HELICOPTER . WESTLAND WHIRLWIND HELICOPTER
	TECHNOLOGY FEASIBILITY	UNSWEPT WINGS	. XV-8A AIRCRAFT
	SPACECRAFT	GS AIRFOILS	Z-37 AIRCRAFT
	ZOND SPACE PROBES ZOND 1 SPACE PROBE	WINGS	RT MAIRCRAFT
	ZOND 2 SPACE PROBE	UNSWEPT WINGS	BIPLANES
	ZOND 3 SPACE PROBE	INFINITE SPAN WINGS	CARGO AIRCRAFT
	ZOND A SPACE PROBE	RECTANGULAR WINGS	COMMERCIAL AIRCRAFT GENERAL AVIATION AIRCRAFT
	ZOND 5 SPACE PROBE	RING WINGS RT FIXED WINGS	HELICOPTERS
	ZOND 6 SPACE PROBE	RT FIXED WINGS SWEPT WINGS	LIGHT AIRCRAFT
	. ZOND 7 SPACE PROBE	WING PLANFORMS	MILITARY AIRCRAFT
	ZOND 8 SPACE PROBE ARTIFICIAL SATELLITES		ORSERVATION AIRCRAFT
RT	COMMUNICATION SATELLITES	UPPER STAGE ROCKET ENGINES	RECONNAISSANCE AIRCRAFT
	GEOPHYSICAL SATELLITES	GS ENGINES	SNOW AIRCRAFT
	GRAVITY GRADIENT SATELLITES	DOCKET ENGINES	SUBSONIC AIRCRAFT
	INFLATABLE SPACECRAFT	UPPER STAGE ROCKET ENGINES	TERRAIN FOLLOWING AIRCRAFT
	INTERPLANETARY SPACECRAFT	RT INERTIAL UPPER STAGE MULTISTAGE ROCKET VEHICLES	TRANSPORT AIRCRAFT V/STOL AIRCRAFT
	LUNAR LANDING MODULES	EDACECRAFT CONFIGURATIONS	WATER TAKEOFF AND LANDING
	LUNAR SATELLITES LUNAR SPACECRAFT	SPINNING SOLID UPPER STAGE	AIRCRAFT
	MANNED SPACECRAFT	STAGE SEPARATION	,
	MARINER PROGRAM	<b>31114</b>	
	METEOROLOGICAL SATELLITES	UPPER SURFACE BLOWING	
	MILITARY SPACECRAFT	GS BLOWING	V
	RECONNAISSANCE SPACECRAFT	LIBOUR SURFACE BLOWING	•
	RECOVERABLE SPACECRAFT	RT AERODYNAMIC CHARACTERISTICS	
	RENDEZVOUS SPACECRAFT	AIRCRAFT CONFIGURATIONS	V-1 MISSILE
	REUSABLE SPACECRAFT SIRS B SATELLITE	CIRCULATION CONTROL AIRFOILS	GS MISSILES SURFACE TO SURFACE MISSILES
	SPACE CAPSULES	LIFT SURFACES	v. s Miccil F
	∞ SPACECRAFT	UNDER SURFACE BLOWING	RT LIQUID PROPELLANT ROCKET ENGINES
	VOYAGER PROJECT	OHOLIT COMME CASE	PULSEJET ENGINES
		UPPER SURFACE BLOWN FLAPS	
IINGTE	ADY AERODYNAMICS	OC AIREOUS	V-2 MISSILE
GS	FLUID MECHANICS	ELADS (CONTROL SURFACES)	GS MISSILES
GO	FLUID DYNAMICS	EVTERNALLY RIOWN FLAPS	. BALLISTIC MISSILES
	. GAS DYNAMICS	UPPER SURFACE BLOWN FLAPS	V-2 MISSILE RT LIQUID PROPELLANT ROCKET ENGINES
	AERODYNAMICS	CONTROL SURFACES . FLAPS (CONTROL SURFACES)	RT LIQUID PROPELLANT ROCKET ENGINES
	UNSTEADY AFRODYNAMICS	EVTERNALLY RIOWN FLAPS	V-3 AIRCRAFT
RT	AERODYNAMIC CHARACTERISTICS AERODYNAMIC FORCES	UPPER SURFACE BLOWN FLAPS	USE XV-3 AIRCRAFT
	AERODYNAMIC STABILITY	OT AIRCRAFT STABILITY	
	AEROELASTICITY	BOUNDARY LAYER CONTROL	V-4 AIRCRAFT
	FLUTTER	LIFT AUGMENTATION	USE XV-4 AIRCRAFT
	FLUTTER ANALYSIS	LIFT DEVICES	
	UNSTEADY FLOW	∞ SURFACES	V-6 AIRCRAFT
	WING OSCILLATIONS		USE XV-5 AIRCRAFT
		<b>UPWASH</b> RT DOWNWASH	V-9 AIRCRAFT
	EADY FLOW	∞DRAFT	V-9 AIRCRAFT USE XV-9A AIRCRAFT
UF	PULSATING FLOW	INTERFERENCE DRAG	OSC MARKING
GS	FLUID FLOW . <b>Unsteady flow</b>	INTERFERENCE LIFT	V/STOL AIRCRAFT
	. OSCILLATING FLOW		LIF CONVERTAPLANES
RT	AERODYNAMICS	URBAN TRANSPORTATION	STEEP GRADIENT AIRCRAFT
***	CRITICAL FLOW	GS TRANSPORTATION	STOVL AIRCRAFT
	∞FLOW	. URBAN TRANSPORTATION RT AUTOMATED GUIDEWAY TRANSIT	GS V/STOL AIRCRAFT . CL-84 AIRCRAFT
	FLOW STABILITY FLOW VELOCITY	WELLICI ER	DO-31 AIRCRAFT
	FLUID DYNAMICS	ALITOMATED MIXED TRAFFIC VEHICLES	FV-12A AIRCRAFT
	GAS FLOW	AUTOMATED TRANSIT VEHICLES	. G-95/4 AIRCRAFT
	HEAT TRANSMISSION	INDUSTRIAL AREAS	G-222 AIRCRAFT
	HYDRODYNAMIC COEFFICIENTS	MEGALOPOLISES	. L-29 JET TRAINER
	LAMINAR FLOW	RAIL TRANSPORTATION RAPID TRANSIT SYSTEMS	P-1127 AIRCRAFT P-1154 AIRCRAFT
	LIQUID FLOW	REGIONAL PLANNING	ROTARY WING AIRCRAFT
	MASS FLOW METHOD OF CHARACTERISTICS	SURFACE VEHICLES	AUTOGYROS
	MULTIPHASE FLOW	<del></del>	AVIAN 2/180 AUTOGIRO
	NONEQUILIBRIUM FLOW	US-2A AIRCRAFT	. HELICOPTERS
	NONNEWTONIAN FLOW	USE S-2 AIRCRAFT	ALOUETTE HELICOPTERSSA-330 HELICOPTER
	NONUNIFORM FLOW		SE-3160 HELICOPTER
	ORIFICE FLOW PIPE FLOW	UTILITY AIRCRAFT	COMPOUND HELICOPTERS
	PRESSURE GRADIENTS	GS UTILITY AIRCRAFT	H-17 HELICOPTER
	SINGLE-PHASE FLOW	. BO-105 HELICOPTER . C-140 AIRCRAFT	LIGHT HELICOPTERS
	SOLIDS FLOW	. C-140 AIRCRAFT	OH-4 HELICOPTER
	STEADY FLOW	DHC 5 AIRCRAFT	OH-5 HELICOPTER OH-6 HELICOPTER
	STEADY STATE	DO-27 AIRCRAFT	OH-58 HELICOPTER
	STEAM FLOW STROUHAL NUMBER	DO-28 AIRCRAFT	MILITARY HELICOPTERS
	SUBCRITICAL FLOW	HC-3 HELICOPTER	AH-1G HELICOPTER
	SUPERCRITICAL FLOW	. HH-43 HELICOPTER . OH-13 HELICOPTER	AH-64 HELICOPTER
	TURBULENCE	OH-13 HELICOPTER	BELL 214A HELICOPTER
	UNIFORM FLOW	, with more improvement than the	
			20

# VACUUM APPARATUS

V/S	TOL AIRCRAFT-(CONT.)	V/STOL AIRCRAFT-(CONT.)	VACIHIMA CARRA (COA/T)
	BO-105 HELICOPTER	∞MILITARY AIRCRAFT	VACUUM GAGES-(CONT.) ORBITRONS
	CH-3 HELICOPTER	PASSENGER AIRCRAFT	PRESSURE MEASUREMENT
	CH-21 HELICOPTER	RECONNAISSANCE AIRCRAFT	PHEOSURE MEASUREMENT
	CH-34 HELICOPTER	RESEARCH AIRCRAFT	
	CH-46 HELICOPTER	SHORT HAUL AIRCRAFT	VACUUM PUMPS
	CH-47 HELICOPTER	TILT WING AIRCRAFT	GS PUMPS
	CH-54 HELICOPTER H-19 HELICOPTER	TRANSITION FLIGHT	. YACUUM PUMPS
	H-43 HELICOPTER	TRANSPORT AIRCRAFT	. CONDENSATION PUMPS
	H-53 HELICOPTER	UTILITY AIRCRAFT	ION PUMPS
	H-54 HELICOPTER	VERTICAL FLIGHT	MOLECULAR PUMPS
	H-56 HELICOPTER	WESER AIRCRAFT	VACUUM APPARATUS
	H-60 HELICOPTER	WESTLAND AIRCRAFT	. VACUUM PUMPS
	HC-3 HELICOPTER		CONDENSATION PUMPS ION PUMPS
	HEAVY LIFT HELICOPTERS	VACUUM APPARATUS	. MOLECULAR PUMPS
	CH-62 HELICOPTER	GS VACUUM APPARATUS	RT COMPRESSORS
	HH-43 HELICOPTER	. VACUUM CHAMBERS	CRYOPUMPING
	OH-4 HELICOPTER	. VACUUM FURNACES	DIFFUSION PUMPS
	OH-5 HELICOPTER	. VACUUM GAGES	EJECTORS
	OH-6 HELICOPTER	IONIZATION GAGES	EVACUATING (VACUUM)
	OH-13 HELICOPTER	ALPHATRONS	JET PUMPS
	OH-23 HELICOPTER	BAYARD-ALPERT IONIZATION GAGES	MATERIALS HANDLING
	OH-58 HELICOPTER	PENNING GAGES	OUTGASSING
	P-531 HELICOPTER	PHILIPS IONIZATION GAGES	SUCTION
	QH-50 HELICOPTER	KNUDSEN GAGES	
	S-58 HELICOPTER	. MCLEOD GAGES	VALIANT AIRCRAFT
	S-61 HELICOPTER	PIRANI GAGES	UF VICKERS VALIANT AIRCRAFT
	SA-321 HELICOPTER	. VACUUM PUMPS	GS ATTACK AIRCRAFT
	SA-330 HELICOPTER	CONDENSATION PUMPS	BOMBER AIRCRAFT
	SH-3 HELICOPTER	ION-PUMPS	· · VALIANT AIRCRAFT
	SH-4 HELICOPTER	MOLECULAR PUMPS	BAC AIRCRAFT
	SIKORSKY WHIRLWIND	RT COLD TRAPS	. VALIANT AIRCRAFT
	HELICOPTER UH-1 HELICOPTER	DIFFUSION PUMPS	JET AIRCRAFT
		HIGH VACUUM	VALIANT AIRCRAFT
	UH-2 HELICOPTER	LOW DENSITY RESEARCH	MONOPLANES
	UH-34 HELICOPTER	RESIDUAL GAS	. VALIANT AIRCRAFT
	UH-60A HELICOPTER	SUCTION	RTAIRCRAFT
	UH-61A HELICOPTER	ULTRAHIGH VACUUM	RECONNAISSANCE AIRCRAFT
	WESTLAND WHIRLWIND	VACUUM ARC SWITCHES	TANKER AIRCRAFT
	HELICOPTER XV-9A AIRCRAFT		
	RIGID ROTOR HELICOPTERS	VACUUM CHAMBERS	VALKYRIE AIRCRAFT
	CH-3 HELICOPTER	UF LOW PRESSURE CHAMBERS	
	F-26 HELICOPTER	GS COMPARTMENTS	USE B-70 AIRCRAFT
	XH-51 HELICOPTER	TEST CHAMBERS	
	TANDEM ROTOR HELICOPTERS	. PRESSURE CHAMBERS	VALVES
	CH 48 HELICOPTED		UF HYDRAULIC VALVES
	CH-46 HELICOPTER	VACUUM CHAMBERS	UF HYDRAULIC VALVES GS <b>VALVES</b>
	CH-46 HELICOPTER	VACUUM CHAMBERS VACUUM APPARATUS	GS <b>VALVES</b>
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS	GS <b>VALVES</b> . ARTIFICIAL HEART VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS RT ALTITUDE SIMULATION	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-55 HELICOPTER ROTOR SYSTEMS RESEARCH	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS RT ALTITUDE SIMULATION CHAMBERS	GS VALVES  ARTICICAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-55 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS RT ALTITUDE SIMULATION  CHAMBERS HIGH ALTITUDE ENVIRONMENTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-55 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS  RT ALTITUDE SIMULATION CHAMBERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE	GS VALVES  ARTICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  DAMPERS (VALVES)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  DAMPERS (VALVES)  COCKS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  □ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  DAMPERS (VALVES)  COCKS  CONTROL VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS ALTITUDE SIMULATION  CHAMBERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  DAMPERS (VALVES)  COCKS  CONTROL VALVES  FUEL VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  □ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES
	CH-46 HELICOPTER CH-47 HELICOPTER TH-25 HELICOPTER TH-55 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  RT BALLS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-15 AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS . VACUUM CHAMBERS  RT ALTITUDE SIMULATION CHAMBERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT	WACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT  ALTITUDE SIMULATION  □ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERSARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES  VACUUM EFFECTS  RT  COLD WELDING	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  DAMPERS (VALVES)  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)  CLOSURES
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-55 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT Y-22 AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT C-123 AIRCRAFT C-123 AIRCRAFT C-124 AIRCRAFT C-125 AIRCRAFT C-125 AIRCRAFT C-127 AIRCRAFT C-127 AIRCRAFT C-128 AIRCRAFT	WACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  □ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES   VACUUM EFFECTS  RT COLD WELDING  □ CFFECTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-15 AIRCRAFT C-12 AIRCRAFT C-16 AIRCRAFT C-17 AIRCRAFT C-18 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  . VACUUM CHAMBERS  RT ALTITUDE SIMULATION  □ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS RT COLD WELDING □ EFFECTS ENVIRONMENTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  TOMMORE SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER H-36 HELICOPTER HOTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT DHC 5 AIRCRAFT CH23 AIRCRAFT CH23 AIRCRAFT CH23 AIRCRAFT CH24 AIRCRAFT CH25 AIRCRAFT CH26 AIRCRAFT CH26 AIRCRAFT CH26 AIRCRAFT CH27 AIRCRAFT CH26 AIRCRAFT CH27 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT  ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES   VACUUM EFFECTS  RT  COLD WELDING  ∞ EFFECTS  ENVIRONMENTS  OFFGASSING	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TOTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-15 AIRCRAFT C-123 AIRCRAFT C-15 AIRCRAFT C-15 AIRCRAFT CHOOL 3 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES   VACUUM EFFECTS  RT COLD WELDING  ∞ EFFECTS  ENVIRONMENTS  OFFGASSING  PRESSURE EFFECTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-15 AIRCRAFT C-15 AIRCRAFT C-16 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS RT COLD WELDING  EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  TOKKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER H-156 HELICOPTER HOTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT FLYING PLATFORMS	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES   VACUUM EFFECTS  RT COLD WELDING  ∞ EFFECTS  ENVIRONMENTS  OFFGASSING  PRESSURE EFFECTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  CONTROL VALVES  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  TOKKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS  PNEUMATIC COUPMENT
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TOOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-18 AIRCRAFT C-18 AIRCRAFT C-18 AIRCRAFT C-19 AIRCRAFT C-19 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT FLYING PLATFORMS SC-1 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS  HIGH ALTITUDE PRESSURE  HYPERBARIC CHAMBERS  PRESSURE  SPACE ENVIRONMENT SIMULATION  SPACE SIMULATORS  THERMAL VACUUM TESTS  WIND TUNNEL DRIVES   VACUUM EFFECTS  RT COLD WELDING  ∞ EFFECTS  ENVIRONMENTS  OFFGASSING  PRESSURE EFFECTS  SPACE MANUFACTURING  VACUUM ARC SWITCHES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  MEART VALVES  SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC EQUIPMENT  SEALS (STOPPERS)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER H-156 HELICOPTER HOTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT FLYING PLATFORMS	WACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  ∞ CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES   VACUUM EFFECTS  RT COLD WELDING  ∞ EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  TOKKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS  PNEUMATIC EQUIPMENT  SEALS (STOPPERS)  TRAPS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT DHC 6 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VI-101 AIRCRAFT VJ-101 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT  ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS RT  COLD WELDING  EFFECTS ENVIRONMENTS OFFGASSING PRESSURE PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES GS MEASURING INSTRUMENTS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  MEART VALVES  SOLEMOID VALVES  RT BALLS  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC EQUIPMENT  SEALS (STOPPERS)
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-15 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VINING PLATFORMS SC-1 AIRCRAFT VJ-101 AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS VACUUM CHAMBERS RT ALTITUDE SIMULATION © CHAMBERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS RT COLD WELDING © EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES GS MEASURING INSTRUMENTS . PRESSURE GAGES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  TOKKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS  PNEUMATIC EQUIPMENT  SEALS (STOPPERS)  TRAPS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT DHC 6 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VI-101 AIRCRAFT VJ-101 AIRCRAFT	VACUUM CHAMBERS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES GS MEASURING INSTRUMENTS PRESSURE GAGES . PRESSURE GAGES . VACUUM GAGES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CROUITS  PNEUMATIC COUIPMENT  SEALS (STOPPERS)  TRAPS  WATER HAMMER
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-15 AIRCRAFT C-15 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VESTICAL TAKEOFF AIRCRAFT VESTICAL TAKEOFF AIRCRAFT VESTICAL TAKEOFF AIRCRAFT VI-101 AIRCRAFT VJ-101 AIRCRAFT VJ-101 AIRCRAFT VJ-8 AIRCRAFT VJ-101 AIRCRAFT VJ-8 AIRCRAFT VJ-13 AIRCRAFT VJ-14 AIRCRAFT X-14 AIRCRAFT X-14 AIRCRAFT X-14 AIRCRAFT X-14 AIRCRAFT	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES GS MEASURING INSTRUMENTS PRESSURE GAGES VACUUM GAGES IONIZATION GAGES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  TOKKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS  PNEUMATIC EQUIPMENT  SEALS (STOPPERS)  TRAPS
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-123 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 6 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF VJ-101 AIRCRAFT VJ-101 AIRCRAFT VJ-101 AIRCRAFT VJ-8 AIRCRAFT X-13 AIRCRAFT X-14 AIRCRAFT X-14 AIRCRAFT X-19 AIRCRAFT	VACUUM CHAMBERS VACUUM APPARATUS VACUUM CHAMBERS RT ALTITUDE SIMULATION © CHAMBERS HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS RT COLD WELDING © EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES . YACUUM GAGES . IONIZATION GAGES IONIZATION GAGES ALPHATRONS	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLEMOID VALVES  THOM TO THE PARTS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CRCUITS  PNEUMATIC CRCUITS  PNEUMATIC GOUIPMENT  SEALS (STOPPERS)  TRAPS  WATER HAMMER
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT XV-15 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT BREGUET 941 AIRCRAFT C-8A AUGMENTOR WING AIRCRAFT C-15 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VJ-101 AIRCRAF	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS  RT COLD WELDING  EFFECTS ENVIRONMENTS OFFGASSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES  . PRESSURE GAGES . VACUUM GAGES . IONIZATION GAGES . ALPHATRONS . BAYARD-ALPERT IONIZATION	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  HEART VALVES  SOLENOID VALVES  TOKKES  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CIRCUITS  PNEUMATIC CIRCUITS  TRAPS  WATER HAMMER  VAMPIRE AIRCRAFT  USE DH 115 AIRCRAFT
	CH-46 HELICOPTER CH-47 HELICOPTER H-25 HELICOPTER TH-56 HELICOPTER TH-56 HELICOPTER ROTOR SYSTEMS RESEARCH AIRCRAFT TILT ROTOR AIRCRAFT V-22 AIRCRAFT XV-15 AIRCRAFT SHORT TAKEOFF AIRCRAFT ALADIN 2 AIRCRAFT BREGUET 940 AIRCRAFT BREGUET 941 AIRCRAFT C-15 AIRCRAFT C-15 AIRCRAFT C-123 AIRCRAFT DHC 4 AIRCRAFT DHC 5 AIRCRAFT U-10 AIRCRAFT U-10 AIRCRAFT VERTICAL TAKEOFF AIRCRAFT VINING PLATFORMS SC-1 AIRCRAFT VJ-101 AIRCRAFT VJ-1	VACUUM CHAMBERS  VACUUM APPARATUS  VACUUM CHAMBERS  RT ALTITUDE SIMULATION  CHAMBERS  HIGH ALTITUDE ENVIRONMENTS HIGH ALTITUDE PRESSURE HYPERBARIC CHAMBERS PRESSURE SPACE ENVIRONMENT SIMULATION SPACE SIMULATORS THERMAL VACUUM TESTS WIND TUNNEL DRIVES  VACUUM EFFECTS ENVIRONMENTS OFFACSING PRESSURE EFFECTS SPACE MANUFACTURING VACUUM ARC SWITCHES  VACUUM GAGES GS MEASURING INSTRUMENTS PRESSURE GAGES  VACUUM GAGES  I ONIZATION GAGES  ALPHATRONS ALTITUDE  VACUUM GAGES GAGES ALTITUDE GAGES GALTITUDE  VACUUM GAGES ALTITUDE GAGES GAGES ALTITUDE  BAYARD-ALPERT IONIZATION GAGES	GS VALVES  ARTIFICIAL HEART VALVES  AUTOMATIC CONTROL VALVES  PRESSURE REGULATORS  RELIEF VALVES  BUTTERFLY VALVES  COCKS  CONTROL VALVES  FUEL VALVES  GAS VALVES  HEART VALVES  SOLENOID VALVES  CHOKES (RESTRICTIONS)  CLOSURES  DIVERTERS  ENGINE PARTS  HYDRAULIC EQUIPMENT  PACKINGS (SEALS)  PNEUMATIC CRCUITS  PNEUMATIC COUIPMENT  SEALS (STOPPERS)  TRAPS  WATER HAMMER  VAMPIRE AIRCRAFT  VAMPIRE MK 35 AIRCRAFT
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VAMELES	S DIFFUSERS		LE PITCH PROPELLERS-(CONT.)	VEGA R	VEGA LAUNCH VEHICLE
RT	COMPRESSORS	GS	PROPELLERS VARIABLE PITCH PROPELLERS		
00	DIFFUSERS	RT	HELICOPTER PROPELLER DRIVE	VEHICLE	WHEELS
	EXHAUST DIFFUSERS	• • • • • • • • • • • • • • • • • • • •	PITCH (INCLINATION)	GS	WHEELS
	PUMPS SUPERSONIC DIFFUSERS				VEHICLE WHEELS
	SUPERISONIO DII COLLIE	VARIAB	LE SWEEP WINGS		. NOSE WHEELS AIRCRAFT TIRES
VANES		UF	M WINGS	RT	BRAKES (FOR ARRESTING MOTION)
GS	VANES		OGEE WINGS W WINGS		LANDING GEAR
	. GUIDE VANES	GS	AIRFOILS		MECHANICAL DRIVES
	. JET VANES . WIND VANES	45	WINGS		ROLLERS
RT	AIRFOILS		. VARIABLE SWEEP WINGS		SHAFTS (MACHINE ELEMENTS) SUSPENSION SYSTEMS (VEHICLES)
	BLADES		PLANFORMS , WING PLANFORMS		TIRES
	COMPRESSOR BLADES		VARIABLE SWEEP WINGS		TOROIDAL WHEELS
	CONTROL SURFACES FINS	RT	ARROW WINGS		TRANSMISSIONS (MACHINE ELEMENTS)
	IMPELLERS		BOEING 733 AIRCRAFT		WHEEL BRAKES
	NOSE FINS		DELTA WINGS F-111 AIRCRAFT		
	STATOR BLADES		FOLDING STRUCTURES	∞ VEHICL	(USE OF A MORE SPECIFIC TERM IS
	TAIL ASSEMBLIES TURBOMACHINE BLADES		MISSION ADAPTIVE WINGS	SN	RECOMMENDED-CONSULT THE TERMS
	WINDPOWER UTILIZATION		OGEE SHAPE		LISTED BELOW)
	WINDPOWERED GENERATORS		PANAVIA MILITARY AIRCRAFT SWEPT FORWARD WINGS	UF	CRAFT
	WINDPOWERED PUMPS		SWEPTBACK WINGS		ROTATING VEHICLES AMPHIBIOUS VEHICLES
	ARD 2 LAUNCH VEHICLE			RT	ARCAS ROCKET VEHICLES
GS	LALINCH VEHICLES	VARIA	BLE THRUST		ARCON ROCKET VEHICLE
-	. VANGUARD 2 LAUNCH VEHICLE	GS	THRUST VARIABLE THRUST		ARGO ROCKET VEHICLES
	ROCKET VEHICLES	RT	CONTROL ROCKETS		ASTROBEE ROCKET VEHICLES ATLAS AGENA LAUNCH VEHICLES
	MULTISTAGE ROCKET VEHICLES VANGUARD 2 LAUNCH VEHICLE	n.	HIGH THRUST		ATLAS LAUNCH VEHICLES
RT	LICHID PROPELLANT ROCKET ENGINES		JET CONTROL		AUTOMATED GUIDEWAY TRANSIT
nı	SOLID PROPELLANT ROCKET ENGINES		JET THRUST		VEHICLES
	VIKING ROCKET VEHICLE		LOW THRUST LOW THRUST PROPULSION		AUTOMATED MIXED TRAFFIC VEHICLES AUTOMATED TRANSIT VEHICLES
	X-248 ENGINE		MICROTHRUST		AUTOMOBILES
			ROCKET THRUST		∞ BALLISTIC VEHICLES
VANS USE	TRUCKS		THROTTLING		BOOSTGLIDE VEHICLES
OGE	Moske		THRUST AUGMENTATION THRUST CONTROL		CAPTURED AIR BUBBLE VEHICLES CONTROL CONFIGURED VEHICLES
NAPOR	JETS		THRUST TERMINATION		CRAWLER TRACTORS
GS	FLUID JETS . <b>VAPOR JETS</b>		THRUST VECTOR CONTROL		DRONE VEHICLES
RT	AIR JETS				ELECTRIC HYBRID VEHICLES
• • • • • • • • • • • • • • • • • • • •	GAS FLOW	VARIA RT	ITIONAL PRINCIPLES CALCULUS OF VARIATIONS		ELECTRIC MOTOR VEHICLES ENGINES
	JET FLOW	P. I	∞ DYNAMICS		EUROPA LAUNCH VEHICLES
	PLASMA JETS		EQUILIBRIUM METHODS		FLIGHT TEST VEHICLES
VAPOR	TRAILS		IRREVERSIBLE PROCESSES ONSAGER PHENOMENOLOGICAL		∞FLIGHT VEHICLES GROUND EFFECT MACHINES
USE	CONTRAILS		COEFFICIENT		HEAVY LIFT LAUNCH VEHICLES
			RAYLEIGH-RITZ METHOD		HOTOL LAUNCH VEHICLE
VAPOR	IZATION HEAT				HOVERING ROCKET VEHICLES
USE	HEAT OF VAPORIZATION	VATO SN	L AIRCRAFT (VERTICAL ATTITUDE TAKEOFF AND		HYDROPLANES (VEHICLES) HYPERSONIC VEHICLES
VAPOR	17ING	314	LANDING AIRCRAFT)		INTRAORBIT TRANSFER VEHICLES
UF	VOLATILIZATION	UF	VERTICAL ATTITUDE TAKEOFF-LANDING		JUNO LAUNCH VEHICLES
GS	PHASE TRANSFORMATIONS		AIRCRAFT XBQM-180A AIRCRAFT		KAPPA ROCKET VEHICLES LAMBDA ROCKET VEHICLES
	. <b>VAPORIZING</b> BOILING	AT	∞ AIRCRAFT		LALINCH VEHICLES
	FILM BOILING	***	DELTA WINGS		LOW OBSERVABLE REENTRY VEHICLES
	NUCLEATE BOILING		REMOTELY PILOTED VEHICLES		LUNAR FLYING VEHICLES LUNAR ROVING VEHICLES
	LEIDENFROST PHENOMENON		VERTICAL LANDING VERTICAL TAKEOFF AIRCRAFT		LUNAR SURFACE VEHICLES
	EVAPORATION EVAPOTRANSPIRATION		VEHIORE TRACESTY THIS ISSUE		LUNOKHOD LUNAR ROVING VEHICLES
	PROPELLANT EVAPORATION	VC-1	AIRCRAFT		MAGNETIC LEVITATION VEHICLES
	TRANSPIRATION	ÚF	VICKERS VC-10 AIRCRAFT		MANNED LUNAR SURFACE VEHICLES  MILITARY VEHICLES
	FLASHING (VAPORIZING) PREVAPORIZATION		VICKERS 1100 AIRCRAFT BAC AIRCRAFT		MISSILES
	. SUBLIMATION	GS	VC-10 AIRCRAFT		MOTOR VEHICLES
RT	ABLATION		COMMERCIAL AIRCRAFT		MULTIENGINE VEHICLES
	CONCENTRATING		. VC-10 AIRCRAFT		MULTISTAGE ROCKET VEHICLES NIKE ROCKET VEHICLES
	DESALINIZATION		JET AIRCRAFT		NIKE-HYDAC ROCKET VEHICLE
	DISTILLATION EVOLUTION (LIBERATION)		. VC-10 AIRCRAFT MONOPLANES		NIKE-IROQUOIS ROCKET VEHICLE
	GASIFICATION		VC-10 AIRCRAFT		NOVA LAUNCH VEHICLES
	HEAT OF VAPORIZATION		PASSENGER AIRCRAFT		NUCLEAR ENGINE FOR ROCKET VEHICLES
	HEATING ∞SEPARATION		. VC-10 AIRCRAFT TRANSPORT AIRCRAFT		ORRIT TRANSFER VEHICLES
	SPRAYING		. VC-10 AIRCRAFT		RANGER LUNAR LANDING VEHICLES
	STRIPPING (DISTILLATION)	RT	∞ AIRCRAFT		RECOVERABLE LAUNCH VEHICLES RECOVERY VEHICLES
	SURFACE REACTIONS VAPOR DEPOSITION		CARGO AIRCRAFT		REENTRY VEHICLES
	VAPORIZERS	VEC	TOR CONTROL		REMOTELY PILOTED VEHICLES
	VAPORS	US			RESEARCH VEHICLES
	VOLATILITY				REUSABLE LAUNCH VEHICLES ROCKET VEHICLES
	ABEA WINGS		A LAUNCH VEHICLE		ROVING VEHICLES
VARI	ABLE AREA WINGS TRAILING EDGE FLAPS	UF GS			SATURN LAUNCH VEHICLES
USE	Citablish same	GS	VEGA LAUNCH VEHICLE		SINGLE STAGE ROCKET VEHICLES SINGLE STAGE TO ORBIT VEHICLES
VARI	ABLE LIFT		ROCKET VEHICLES		SKUA ROCKET VEHICLES
	LIFT		MULTISTAGE ROCKET VEHICLES VEGA LAUNCH VEHICLE		∞ SPACECRAFT
	ADIE OITOU BOOREI I EDE	R1	ATLAS DICRM		STANDARD LAUNCH VEHICLES SURFACE EFFECT SHIPS
VARI UF	ABLE PITCH PROPELLERS  CONSTANT SPEED PROPELLERS		LIQUID PROPELLANT ROCKET ENGINES	•	SUNFACE EFFECT STATES
Ur					•

#### **VEHICULAR TRACKS**

VEHICLES-(CONT.) VELOCITY ERRORS-(CONT.)
POSITION ERRORS VENUS FLY TRAP ROCKET VEHICLE-(CONT.)
. SOUNDING ROCKETS
... VENUS FLY TRAP ROCKET VEHICLE SURFACE VEHICLES SWATH (SHIP) TANKS (COMBAT VEHICLES) VELOCITY FIELDS COSMIC DUST TERMINAL CONFIGURED VEHICLE **VELOCITY DISTRIBUTION** EXTRATERRESTRIAL MATTER PROGRAM TEST VEHICLES **VELOCITY MEASUREMENT** THOR LAUNCH VEHICLES
THORAD LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TRACKED VEHICLES
TRACTORS VERONIQUE ROCKET VEHICLES ANEMOMETRY ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
VERONIQUE ROCKET VEHICLES GS MECHANICAL MEASUREMENT
VELOCITY MEASUREMENT . WIND VELOCITY MEASUREMENT ACCELEROMETERS ANEMOMETERS SOUNDING ROCKETS ™ TRANSPORT VEHICLES
TRANSPORTER
UNDERWATER VEHICLES RT . . VERONIQUE ROCKET VEHICLES
LIQUID PROPELLANT ROCKET ENGINES DRAG FORCE ANEMOMETERS
FLOW MEASUREMENT
FLOW VELOCITY ∞ VEHICLES UNIDENTIFIED FLYING OBJECTS VERONIQUE ROCKET VEHICLES FLOW VELOCITY
FLOWMETERS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
HUBBLE CONSTANT
HUBBLE DIAGRAM
LASER ANEMOMETERS
LASER DOPPLER VELOCIMETERS

MEASUREMENT
HUBBLE DIAGRAM VERTICAL ATTITUDE TAKEOFF-LANDING WATER VEHICLES AIRCRAFT ∞ WINGED VEHICLES VATOL AIRCRAFT **VEHICULAR TRACKS** VERTICAL FINS IDLERS USE SURFACE VEHICLES SUSPENSION SYSTEMS (VEHICLES)
TRACKED VEHICLES **VERTICAL FLIGHT** PITOT TUBES BALLOON FLIGHT PITOT TUBES
PRESSURE MEASUREMENT
RADIAL VELOCITY
SOLAR WIND VELOCITY
SONIC ANEMOMETERS
SPEED INDICATORS
STROBOSCOPES
TACHOMETERS ∞TRACKS CLIMBING FLIGHT TREADS ∞FLIGHT FLIGHT PATHS HOVERING ROCKET FLIGHT VELOCITY SPEED GS VELOCITY TRANSITION FLIGHT ACOUSTIC VELOCITY V/STOL AIRCRAFT TIME MEASUREMENT VENTURI TUBES VORTEX PRECESSION AIRSPEED ANGULAR VELOCITY
CRITICAL VELOCITY
ESCAPE VELOCITY
EXHAUST VELOCITY
FLOW VELOCITY VERTICAL LANDING
UF VERTICAL TAKEOFF AND LANDING VELOCITY PROFILES
USE VELOCITY DISTRIBUTION GS LANDING FLOW VELOCITY
SOLAR WIND VELOCITY
GROUND SPEED
GROUP VELOCITY
HIGH SPEED
HYPERSONIC SPEED
LANDING SPEED
LIGHT SPEED VERTICAL LANDING AIRCRAFT LANDING SPACECRAFT LANDING ПΤ **VENOM AIRCRAFT** DH 112 AIRCRAFT TOUCHDOWN VATOL AIRCRAFT VENTING BREATHING VIBRATION VERTICAL STABILIZERS
USE STABILIZERS (FLUID DYNAMICS) COOLING LOW SPEED ∞ DISCHARGE ORBITAL VELOCITY
PHASE VELOCITY
PROPAGATION VELOCITY **EVACUATING (VACUUM) VERTICAL TAILS EXHAUSTING** USE STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES FLUSHING RADIAL VELOCITY
RELATIVISTIC VELOCITY **PURGING** RELEASING ROTOR SPEED SOLAR VELOCITY SUBSONIC SPEED VERTICAL TAKEOFF RELIEF VALVES VERTICAL TAKEOFF AND LANDING UF ∞ SEPARATION VENTILATION VTOL TAKEOFF SUPERSONIC SPEED GS VENTS TERMINAL VELOCITY
TIP SPEED VERTICAL TAKEOFF VENTS TRANSONIC SPEED
TRANSONIC SPEED
WIND VELOCITY
SOLAR WIND VELOCITY
ACCELERATION (PHYSICS)
BODY KINEMATICS VERTICAL TAKEOFF AIRCRAFT UF VTOL AIRCRAFT GS V/STOL AIRCRAFT OUTLETS GS . VENTS
ANNULAR DUCTS
APERTURES RT RT VERTICAL TAKEOFF AIRCRAFT FLYING PLATFORMS SC-1 AIRCRAFT CAVITIES DE BROGLIE WAVELENGTHS CHIMNEYS ∞DYNAMICS FERMAT PRINCIPLE VJ-101 AIRCRAFT VZ-8 AIRCRAFT X-13 AIRCRAFT COOLING SYSTEMS DUCTS EVACUATING (VACUUM) EXHAUST SYSTEMS KINEMATICS X-14 AIRCRAFT X-19 AIRCRAFT X-22 AIRCRAFT KINETICS LOADING RATE FLUES ∞ MOTION GATES (OPENINGS) PERCEPTUAL TIME CONSTANT PRESSURE MEASUREMENT X-22A AIRCRAFT XC-142 AIRCRAFT XV-4 AIRCRAFT LOUVERS NOZZLES RELATIVISTIC EFFECTS **OPENINGS** SOLITARY WAVES TIME MEASUREMENT PORTS (OPENINGS)
RELIEF VALVES
SLOTTED WIND TUNNELS CIRCULATION CONTROL ROTORS **VELOCITY DISTRIBUTION** VENTILATION VENTILATORS VELOCITY FIELDS VELOCITY PROFILES UF COMPOUND HELICOPTERS
CONVERTIBLE FAN-SHAFT ENGINES
CUSHIONCRAFT GROUND EFFECT VENTING WINDOWS (APERTURES) GS DISTRIBUTION (PROPERTY) . VELOCITY DISTRIBUTION CIRCULATION DISTRIBUTION MACHINE
FAN IN WING AIRCRAFT
GETOL AIRCRAFT
HELICOPTERS
LIFT FANS RT VENTURI TUBES FLOW DISTRIBUTION ∞ DETECTORS FLOW VELOCITY
GALACTIC ROTATION FLOW MEASUREMENT FLOWMETERS ORR-SOMMERFELD EQUATIONS
POHLHAUSEN METHOD
PRESSURE DISTRIBUTION GAS METERS
MEASURING INSTRUMENTS LIFTING ROTORS MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT ORIFICES SHOCK WAVE PROFILES
THREE DIMENSIONAL BOUNDARY LAYER PITOT TUBES
PRESSURE GRADIENTS
PRESSURE MEASUREMENT VELOCITY ERRORS ∞ TUBES SUBSONIC AIRCRAFT T-58 ENGINE ERRORS VELOCITY MEASUREMENT **VELOCITY ERRORS** T-58-GE-8B ENGINE ESCAPE VELOCITY ORBITAL VELOCITY VENUS FLY TRAP ROCKET VEHICLE TILT WING AIRCRAFT VATOL AIRCRAFT

ROCKET VEHICLES

VICTOR MK-1 AIRCRAFT-(CONT.)
. VICTOR MK-1 AIRCRAFT
HANDLEY PAGE AIRCRAFT
. VICTOR MK-1 AIRCRAFT
JET AIRCRAFT VIBRATION EFFECTS-(CONT.) VERTICAL TAKEOFF AIRCRAFT-(CONT.) VIBRATIONAL STRESS wWINGED VEHICLES VIRRATION MEASUREMENT VERTICAL TAKEOFF AND LANDING
USE VERTICAL LANDING
VERTICAL TAKEOFF ON MEASUREMENT
MECHANICAL MEASUREMENT
VIBRATION MEASUREMENT VICTOR MK-1 AIRCRAFT GS MONOPLANES
VICTOR MK-1 AIRCRAFT CEPSTRAL ANALYSIS
DAMPING TESTS
FREQUENCY ANALYZERS
FREQUENCY MEASUREMENT RECONNAISSANCE AIRCRAFT
VICTOR MK-1 AIRCRAFT VERTICAL 8 ROCKET

GS ROCKET VEHICLES **∞ AIRCRAFT** SOUNDING ROCKETS
VERTICAL 8 ROCKET **∞ MEASUREMENT** VIDEO LANDMARK ACQUISITION AND TRACKING
GS TRACKING (POSITION)
VIDEO LANDMARK ACQUISITION AND STRESS MEASUREMENT RT PAYLOADS VIBRATION METERS
UF VIBROMETERS
GS MEASURING INSTRUMENTS
VIBRATION METERS TRACKING VERTOL MILITARY HELICOPTERS AVIONICS AT BOEING AIRCRAFT IMAGE CORRELATORS . SEISMOGRAPHS
... LUNAR SEISMOGRAPHS
ACCELEROMETERS MAP MATCHING GUIDANCE SCENE ANALYSIS VFR (RULES) VISUAL FLIGHT RULES SIGNATURES RT TERCOM TERRAIN ANALYSIS TRANSDUCERS VHF OMNIRANGE NAVIGATION OMNIRANGE NAVIGATION VOR SYSTEMS TRACKING FILTERS VIBRATION SIMULATORS

UF VIBRATION TESTING MACHINES NAVIGATION GS SIMULATORS VIDEO TAPE RECORDERS

GS RECORDING INSTRUMENTS GS RADIO NAVIGATION
. VHF OMNIRANGE NAVIGATION VIBRATION SIMULATORS VIDEO TAPE RECORDERS
TAPE RECORDERS
VIDEO TAPE RECORDERS VERTICAL MOTION SIMULATORS AIR NAVIGATION NAVIGATION AIDS RADIO DIRECTION FINDERS RT FLUTTER RT ∞ MACHINERY SHAKERS SHOCK SIMULATORS VIBRATORY LOADS VIDEO EQUIPMENT VIDEO TAPE RECORDERS SOLAR COMPASSES VIDEO TAPES RT VIBRATION JITTER VIBRATION TESTING MACHINES
USE VIBRATION SIMULATORS VIDEO TAPES VIBRATION COMBUSTION VIBRATION GS CINEMATOGRAPHY ∞FILMS FORCED VIBRATION FREE VIBRATION LATTICE VIBRATIONS INFORMATION VIBRATION TESTS MAGNETIC TAPES MOTION PICTURES VIBRATION TESTS GS POGO EFFECTS
RANDOM VIBRATION
RESONANT VIBRATION
STRUCTURAL VIBRATION
BENDING VIBRATION PHOTOGRAPHS PHOTOGRAPHY STROKING TESTS DESTRUCTIVE TESTS AT DYNAMIC TESTS
ELECTRONIC EQUIPMENT TESTS ∞ TAPES VIDEO TAPE RECORDERS VISUAL AIDS ENGINE TESTS
ENVIRONMENTAL TESTS BREATHING VIBRATION FLUTTER . PANEL FLUTTER VIGILANTE AIRCRAFT FLIGHT TESTS SUBSONIC FLUTTER SUPERSONIC FLUTTER FLUTTER A-5 AIRCRAFT MECHANICAL ENGINEERING OSCILLATIONS RESONANCE TESTING VIKING ROCKET VEHICLE TRANSONIC FLUTTER ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES LINEAR VIBRATION
MISSILE VIBRATION
SELF INDUCED VIBRATION GS SHOCK TESTS . VIKING ROCKET VEHICLE
LIQUID PROPELLANT ROCKET ENGINES
SOUNDING ROCKETS STABILITY TESTS STATIC TESTS RT PANEL FLUTTER SUBSONIC FLUTTER STRUCTURAL VIBRATION VANGUARD 2 LAUNCH VEHICLE SUPERSONIC FLUTTER TRANSONIC FLUTTER TORSIONAL VIBRATION VIBRATIONAL STRESS VIKING 75 ENTRY VEHICLE INTERPLANETARY SPACECRAFT
MARS PROBES STRESSES ACOUSTICS AIRFOIL OSCILLATIONS AMPLITUDES GS RT VIBRATIONAL STRESS RT FLUTTER VIKING 75 ENTRY VEHICLE VIBRATION ANTINODES COMPACTING CYCLIC LOADS MARS LANDING SOFT LANDING VIBRATION EFFECTS VIBRATORY LOADS RT VISCOELASTIC CYLINDERS

RT ∞CYLINDERS

CYLINDRICAL BODIES DISPLACEMENT VIBRATORY LOADS

GS LOADS (FORCES)

DYNAMIC LOADS DYNAMICS ELASTIC WAVES
FATIGUE (MATERIALS)
FLAPPING CYLINDRICAL SHELLS VIBRATORY LOADS HARMONICS ISOI ATORS RT VISCOELASTIC FLOW CYCLIC LOADS STRUCTURAL DESIGN CRITERIA VERTICAL MOTION SIMULATORS VISCOELASTICITY MECHANICAL OSCILLATORS MECHANICAL SHOCK MODES (STANDING WAVES) VIBRATION
VIBRATION SIMULATORS
VIBRATIONAL STRESS VISCOELASTICITY VISCOELASTIC FLOW UF GS NODES (STANDING WAVES) MECHANICAL PROPERTIES ELASTIC PROPERTIES
VISCOELASTICITY OSCILLATING CYLINDERS VIBROMETERS PHOTOVISCOELASTICITY
THERMOVISCOELASTICITY
HYDROELASTICITY VIBRATION METERS OSCILLATIONS OSCILLATORS RESONANCE SHAKING VICKERS SCIMITAR AIRCRAFT RT HYSTERESIS SCIMITAR AIRCRAFT MAXWELL FLUIDS NONNEWTONIAN FLOW SHOCK RESISTANCE SPACECRAFT MOTION STANDING WAVES VICKERS VALIANT AIRCRAFT NONNEWTONIAN FLUIDS
PLASTIC FLOW
RELAXATION (MECHANICS) VALIANT AIRCRAFT USE VIBRATIONAL STRESS VIBRATORY LOADS
VIBRATORY POLISHING VICKERS VC-10 AIRCRAFT SQUEEZE FILMS VC-10 AIRCRAFT USE VISCOPLASTICITY ∞ WAVES WING OSCILLATIONS VISCOUS DAMPING VICKERS 1100 AIRCRAFT VC-10 AIRCRAFT USE VISCOMETERS VIBRATION EFFECTS VIBRATION EFFECTS
. POGO EFFECTS MEASURING INSTRUMENTS
VISCOMETERS GS GS VICTOR MK-1 AIRCRAFT

ATTACK AIRCRAFT

BOMBER AIRCRAFT

GS

∞EFFECTS

SUPPORT INTERFERENCE

ROTATING CYLINDERS

RT

### VISCOMETRY

VISCO	METERS-(CONT.)	VISC	OUS FLOW-(CONT.)	Vien	IL CONTROL (CONT.)
	VISCOMETRY VISCOSITY		SECONDARY FLOW SEPARATED FLOW	AISO	AL CONTROL-(CONT.) VISIBILITY
			BOUNDARY LAYER SEPARATION	VIQUA	AL DISPLAYS
PISCO	METRY		COUETTE FLOW	USE	
п,	ROTATING CYLINDERS VISCOMETERS		. KARMAN-BODEWADT FLOW		DIST DE VICEO
	VISCOSITY	RT	. STOKES FLOW AERODYNAMICS	VISUA	L FLIGHT
	VISCOUS DRAG	•••	BAROTROPIC FLOW	RT	AIR NAVIGATION
	VISCOUS FLOW		EDDY VISCOSITY		COLLISION AVOIDANCE
			∞ FLO₩		∞FLIGHT
	PLASTIC FLOW		FLOW CHARACTERISTICS		FLIGHT CONDITIONS FLIGHT PATHS
USE	VISCOPLASTICITY		GAS FLOW INVISCID FLOW		FLIGHT SAFETY
VIRCO	PLASTICITY		KNUDSEN FLOW		LANDING
UF	VISCOPLASTIC FLOW		LAMINAR FLOW		WHITEOUT
GS	MECHANICAL PROPERTIES		MAGNETOHYDRODYNAMIC SHEAR		
	. PLASTIC PROPERTIES		HEATING		L FLIGHT RULES
	· VISCOPLASTICITY		MAXWELL FLUIDS MILNE-THOMSON METHOD	UF	VFR (RULES)
AT	HYSTERESIS NONNEWTONIAN FLOW		NAVIER-STOKES EQUATION	GS	RULES . FLIGHT RULES
	NONNEWTONIAN FLUIDS		POHLHAUSEN METHOD		VISUAL FLIGHT RULES
	PLASTIC ANISOTROPY		PRANDTL NUMBER		
	PLASTIC FLOW		REYNOLDS NUMBER	VISUA	LIZATION OF FLOW
	RELAXATION (MECHANICS)		TURBULENT FLOW VISCOMETRY	USE	FLOW VISUALIZATION
	VISCOELASTICITY VISCOUS DAMPING		VISCOPUMPS		
	VISCOUS DAMIFING		VISCOSITY	VJ-101 UF	AIRCRAFT
VISCOF	PUMPS		WEDGE FLOW	GS	SUD VJ-101 AIRCRAFT ATTACK AIRCRAFT
GS	PUMPS			•	. FIGHTER AIRCRAFT
_	. VISCOPUMPS		US FLUIDS		VJ-101 AIRCRAFT
AT	VISCOUS FLOW	AT	FLOW STABILITY		JET AIRCRAFT
was a -	nero.		∞FLUIDS MAXWELL FLUIDS		. VJ-101 AIRCRAFT
VISCOS GS	TRANSPORT PROPERTIES		NAVIER-STOKES EQUATION		MONOPLANES . VJ-101 AIRCRAFT
u.s	. VISCOSITY		NEWTONIAN FLUIDS		SINGLE ENGINE AIRCRAFT
	EDDY VISCOSITY		NONNEWTONIAN FLUIDS		. VJ-101 AIRCRAFT
	GAS VISCOSITY		OSEEN APPROXIMATION		SUD AVIATION AIRCRAFT
RT	DENSITY (MASS/VOLUME)		SEMISOLIDS SQUEEZE FILMS		. VJ-101 AIRCRAFT
	FLOW CHARACTERISTICS FLOW RESISTANCE		WEIGHTLESS FLUIDS		SUPERSONIC AIRCRAFT . VJ-101 AIRCRAFT
	INTERNAL FRICTION		WEIGHT EEOO T EOIDO		V/STOL AIRCRAFT
	LOW REYNOLDS NUMBER	VISIBIL	.ITY		. VERTICAL TAKEOFF AIRCRAFT
	∞ MOTION	UF	INVISIBILITY		VJ-101 AIRCRAFT
	∞PHYSICAL PROPERTIES	GS	VISIBILITY	RT	∞ AIRCRAFT
	RHEOLOGY SIMILITUDE LÂW		LOW VISIBILITY	10 400	
	SOLUBILITY	RT	APPEARANCE BRIGHTHESS	GS	Y EQUATIONS ANALYSIS (MATHEMATICS)
	STOKES LAW (FLUID MECHANICS)		BRIGHTNESS CEILINGS (METEOROLOGY)	93	. REAL VARIABLES
	SUPERFLUIDITY		CHARACTER RECOGNITION		. DIFFERENTIAL EQUATIONS
	SURFACE PROPERTIES		COLOR		PARTIAL DIFFERENTIAL EQUATIONS
	THERMAL DIFFUSION		CONTRAST		VLASOV EQUATIONS
	THERMAL DIFFUSIVITY THIXOTROPY		DARKENING	RT	∞ EQUATIONS
	VISCOMETERS		FOG GLARE		STABILITY
	VISCOMETRY		HAZE	VOLATI	LITY
	VISCOUS FLOW		HUMAN FACTORS ENGINEERING	GS	THERMODYNAMIC PROPERTIES
			ILLUMINANCE		. THERMOPHYSICAL PROPERTIES
	NT AIRCRAFT		IMAGE CONTRAST		VOLATILITY
GS	BAC AIRCRAFT . VISCOUNT AIRCRAFT		LEGIBILITY	RT	COAL GASIFICATION
	JET AIRCRAFT		LIGHT (VISIBLE RADIATION) LIGHT TRANSMISSION		EVAPORATION FLASH POINT
	. TURBOPROP AIRCRAFT		LUMINESCENCE		PREVAPORIZATION
	VISCOUNT AIRCRAFT		LUMINOSITY		VAPOR PHASES
	MONOPLANES		NIGHT FLIGHTS (AIRCRAFT)		VAPOR PRESSURE
	. VISCOUNT AIRCRAFT PASSENGER AIRCRAFT		OPACITY		VAPORIZING
	VISCOUNT AIRCRAFT		OPTICAL PROPERTIES PERCEPTION	VOI ATII	LIZATION
	TRANSPORT AIRCRAFT		RADIANCE		VAPORIZING
	. VISCOUNT AIRCRAFT		READING		
RT .	• AIRCRAFT		RESOLUTION	VOLTAG	E VARIATION INDICATORS
V10001 W	2 2240		RETINAL ADAPTATION	USE	VOLTMETERS
VISCOUS GS	DYNAMIC CHARACTERISTICS		SENSITIVITY SMOKE		
GG	. DRAG		SYMBOLS		RA EQUATIONS
	. FRICTION DRAG		TRANSMISSIVITY	GS	ANALYSIS (MATHEMATICS)
	VISCOUS DRAG		VIEWING		. FUNCTIONAL ANALYSIS . INTEGRAL EQUATIONS
	FRICTION		VISION		VOLTERRA EQUATIONS
	. FLOW RESISTANCE		VISUAL CONTROL	RT o	EQUATIONS
	FRICTION DRAG		WHITEOUT		NONLINEARITY
	. SKIN FRICTION	twer.	CONTROL	œ	RADIATION
	. FRICTION DRAG	VISUAL GS	CONTROL MANUAL CONTROL	VO THE	TEDA
	VISCOUS DRAG	GS	. VISUAL CONTROL	VOLTME"	TERS  VOLTAGE VARIATION INDICATORS
RT	EDDY VISCOSITY	RT	AIRCRAFT CONTROL	GS	MEASURING INSTRUMENTS
	HARTMANN NUMBER		APPROACH CONTROL	<del></del>	. VOLTMETERS
	LAMINAR FLOW TURBULENT FLOW		ATTITUDE CONTROL	_	MILLIVOLTMETERS
	VISCOMETRY	•	CONTROL		AMMETERS
			DISPLAY DEVICES		COULOMETERS
VISCOUS	FLOW		GUIDANCE (MOTION) MISSILE CONTROL		POTENTIOMETERS (INSTRUMENTS)
	FLUID FLOW		REMOTE CONTROL		. OTENTIONETENS (INSTRUMENTS)
	VISCOUS FLOW		RUNWAY LIGHTS	VON KAF	RMAN EQUATION
	BOUNDARY LAYER FLOW		SERVOCONTROL	GS	FLOW EQUATIONS
	REATTACHED FLOW		SPACECRAFT CONTROL		. VON KARMAN EQUATION

# **VULCAN AIRCRAFT**

			THE CONT I	VORTICES	-(CONT.)
VON KAR	MAN EQUATION-(CONT.)		FLAPS-(CONT.) VORTEX BREAKDOWN	P	LANETARY WAVES
RT ∞l	EQUATIONS		VORTICES	F	RECIRCULATIVE FLUID FLOW
	LOW STABILITY		WING LOADING	F	ROTATING FLUIDS
	CARMAN VORTEX STREET		WING LONDING	F	ROTATING LIQUIDS
	ORTEX BREAKDOWN	VORTEX	EI OW		ROTATION
	VORTEX STREETS VORTICITY EQUATIONS		VORTICES		SECONDARY FLOW
	VORTICITY EQUATIONS	USE	VORTINOES		STROUHAL NUMBER
1100000	AIRCRAFT	MARTEY	GENERATION		SUPERCONDUCTIVITY SUPERFLUIDITY
	F-101 AIRCRAFT		VORTEX GENERATORS		THRUST DISTRIBUTION
USE	TOT MITOLICA I	USE	VONTEX GENERATORS		TURBULENCE
VOR SYS	reme		GENERATORS		TURBULENT FLOW
USE	VHF OMNIRANGE NAVIGATION		VORTEX GENERATION		TURBULENT MIXING
OOL		RT	AIRFOIL FENCES		ORTEX ALLEVIATION
VORTEX	ADVISORY SYSTEM	nı.	BOUNDARY LAYER CONTROL	١	ORTEX AVOIDANCE
RT	AIR TRAFFIC CONTROL		BOUNDARY LAYER SEPARATION		ORTEX FILAMENTS
	AIRCRAFT APPROACH SPACING	œ	GENERATORS		ORTEX FLAPS
	AIRCRAFT WAKES		HILSCH TUBES		ORTEX GENERATORS
	SYSTEMS		HORSESHOE VORTICES		ORTEX PRECESSION
	TURBULENT WAKES		INLET FLOW		/ORTEX RINGS /ORTEX SHEDDING
	VORTEX ALLEVIATION		VORTICES		VORTEX SHEETS
			WING SLOTS		VORTEX STREETS
	ALLEVIATION AIRCRAFT WAKES		IN ITATORA		VORTICITY
	DRAG DEVICES		INJECTORS INJECTORS		WAKES
	GUST ALLEVIATORS	GS	VORTEX INJECTORS		
	PROTUBERANCES		. VONTEX INSECTIONS	VORTICIT	Υ
	RIBLETS	VODTEV	PRECESSION	UF	ENSTROPHY
	SPOILERS	RT	FLOW VELOCITY		ALGEBRA
	VORTEX ADVISORY SYSTEM	***	FLOWMETERS		VECTOR SPACES
	VORTICES		PRECESSION		. VECTORS (MATHEMATICS)
	WAKES		VELOCITY MEASUREMENT		VORTICITY
	WINGLETS		VORTICES		ANALYSIS (MATHEMATICS) . CALCULUS
					. VECTOR ANALYSIS
	AVOIDANCE	VORTEX			CURL (VECTORS)
	AVOIDANCE	RT	HORSESHOE VORTICES		VORTICITY
	. VORTEX AVOIDANCE AERODYNAMIC STABILITY	•	RINGS		REAL VARIABLES
	AIR TRAFFIC CONTROL		TRAPPED VORTICES		. VECTOR ANALYSIS
	AIRCRAFT APPROACH SPACING		VORTICES		. , , CURL (VECTORS)
	AIRCRAFT LANDING				VORTICITY
	BUFFETING		SHEETS AIRCRAFT DESIGN		GEOMETRY
	GUSTS	RT	FLOW DISTRIBUTION		VECTOR ANALYSIS
	ROTATION		ROTATING FLUIDS		CURL (VECTORS)
	SAFETY	,	»SHEETS		VORTICITY
	TURBULENT FLOW	`	TURBULENT WAKES		ATMOSPHERIC CIRCULATION BELTRAMI FLOW
	VORTICES		VORTICES		CROCCO METHOD
	WINGLETS		VORTICITY		FLOW STABILITY
					HELMHOLTZ VORTICITY EQUATION
	BREAKDOWN	VORTEX	STREETS		HORSESHOE VORTICES
RT	FLOW STABILITY	GS	VORTEX STREETS		POTENTIAL FLOW
	TURBULENT FLOW VON KARMAN EQUATION		. KARMAN VORTEX STREET		SECONDARY FLOW
	VORTEX FLAPS	RT	DISCONTINUITY		TRAPPED VORTICES
	VOITEXTENO		∞SHEETS TURBULENT WAKES		TURBULENCE
VORTEY	COLUMNS		VON KARMAN EQUATION		VORTEX SHEETS
	VORTICES		VORTICES		VORTICES
USE	VOITIGES		10/11/025		D. 50114710110
VARTEY	DISTURBANCES	VORTE)	( TRAPS		TY EQUATIONS ANALYSIS (MATHEMATICS)
	VORTICES	USE	TRAPPED VORTICES	GS	. REAL VARIABLES
USE	VONTIOES				. DIFFERENTIAL EQUATIONS
VORTEY	EH AMENTS	VORTE	( TUBES		VORTICITY EQUATIONS
	FILAMENTS FILAMENTS	USE	HILSCH TUBES		HELMHOLTZ VORTICITY EQUATION
,,,	FLOW STABILITY		VORTICES		FLOW EQUATIONS
	FLUID DYNAMICS				. VORTICITY EQUATIONS
	HORSESHOE VORTICES	VORTE	K-BLADE INTERACTION		HELMHOLTZ VORTICITY EQUATION
	TURBULENCE	USE	BLADE-VORTEX INTERACTION	RT ∝	EQUATIONS KARMAN VORTEX STREET
	VORTICES	,,,,,,,,,			VON KARMAN EQUATION
		VORTIC			VOIT IONIMAL EGOTTION
VORTEX		UF	EDDIES ROTATIONAL FLOW	VODTICE	TY TRANSPORT HYPOTHESIS
GS	AIRFOILS		VORTEX COLUMNS	GS	HYPOTHESES
	. FLAPS (CONTROL SURFACES) WING FLAPS		VORTEX DISTURBANCES		VORTICITY TRANSPORT HYPOTHESIS
	VORTEX FLAPS		VORTEX FLOW	RT	CONSERVATION EQUATIONS
	BRAKES (FOR ARRESTING MOTION)		VORTEX TUBES		EDDY CURRENTS
	. AERODYNAMIC BRAKES	GS	VORTICES		MIXING LENGTH FLOW THEORY
	WING FLAPS		HORSESHOE VORTICES		TURBULENT FLOW
	VORTEX FLAPS		. TRAPPED VORTICES		
	CONTROL SURFACES	C.T.	. WING TIP VORTICES ABRIKOSOV THEORY		UR HELICOPTER
	. FLAPS (CONTROL SURFACES)	RT	AGITATION	USE	CH-46 HELICOPTER
	WING FLAPS		BLADE-VORTEX INTERACTION	LCC.	
	DRAG DEVICES		CAVITATION FLOW	<b>VTOL</b> USE	VERTICAL LANDING
	. AERODYNAMIC BRAKES		COUNTERFLOW	USE	VERTICAL TAKEOFF
	. WING FLAPS		∞ DISTURBANCES		
	VORTEX FLAPS		DIVERGENCE	VTOL A	IRCRAFT
RT	AERODYNAMIC DRAG		FLOW DISTORTION	USE	VERTICAL TAKEOFF AIRCRAFT
	JET FLAPS		FLOW STABILITY		
	LEADING EDGE FLAPS		FLUID FLOW GOERTLER INSTABILITY	VULCAN	AIRCRAFT
	LEADING EDGES		HILSCH TUBES	UF	AVRO 698 AIRCRAFT
	LIFT AUGMENTATION		KOLMOGOROFF THEORY	GS	ATTACK AIRCRAFT
	SEPARATED FLOW		METEOROLOGICAL SOLENOIDS		BOMBER AIRCRAFT
	TRAILING EDGE FLAPS TRAILING EDGES		MIXING		VULCAN AIRCRAFT
	INAILING EDGES				

#### **VZ-2 AIRCRAFT**

YULCAN AIRCRAFT-(CONT.)
HAWKER SIDDELEY AIRCRAFT WALL PRESSURE-(CONT.) WATER-(CONT.) . WALL PRESSURE BOUNDARY LAYERS HYDROSTATICS VULCAN AIRCRAFT ICE ISTHMUSES PRESSURE DISTRIBUTION . VULCAN AIRCRAFT TAILLESS AIRCRAFT . VULCAN AIRCRAFT PRESSURE VESSELS LAKE ERIE THICK WALLS LAKE HURON LAKE ICE ∞ AIRCRAFT WALL TEMPERATURE
GS SURFACE PROPERTIES LAKE MICHIGAN LAKE ONTARIO AVRO 707 AIRCRAFT HARRIER AIRCRAFT SURFACE TEMPERATURE LAKE SUPERIOR .. WALL TEMPERATURE TEMPERATURE LATERITES **VZ-2 AIRCRAFT** LIFE SUPPORT SYSTEMS . SURFACE TEMPERATURE
.. WALL TEMPERATURE
OPERATING TEMPERATURE BOEING AIRCRAFT LIMNOLOGY . VZ-2 AIRCRAFT RESEARCH AIRCRAFT LIQUIDS RT MODERATORS . VZ-2 AIRCRAFT TILT WING AIRCRAFT THICK WALLS MOISTURE MOISTURE CONTENT MUSKEGS **VZ-2 AIRCRAFT** WANKEL ENGINES V/STOL AIRCRAFT ENGINES GS OXIDES . VZ-2 AIRCRAFT INTERNAL COMBUSTION ENGINES
. ROTARY ENGINES
. . WANKEL ENGINES PENINSULAS POLLUTION AT PRECIPITATION (METEOROLOGY) **VZ-8 AIRCRAFT** RТ AIRCRAFT ENGINES
AUTOMOBILE ENGINES RUNWAY CONDITIONS AIRGEEP AIRCRAFT SLUSH LIGHT AIRCRAFT GS PISTON ENGINES SOUNDS (TOPOGRAPHIC FEATURES) STEAM PIASECKI AIRCRAFT VZ-8 AIRCRAFT RESEARCH AIRCRAFT STRAITS WARMING USE HEATING UTILITIES WATERSHEDS WHARVES WINDPOWERED PUMPS VZ-8 AIRCRAFT WARNING STAR AIRCRAFT V/STOL AIRCRAFT
. VERTICAL TAKEOFF AIRCRAFT USE EC-121 AIRCRAFT **VZ-8 AIRCRAFT** WATER CIRCULATION WASTE ENERGY UTILIZATION ∞ AIRCRAFT CIRCULATION UTILIZATION FLYING PLATFORMS WATER CIRCULATION
. WATER CURRENTS
. OCEAN CURRENTS WASTE ENERGY UTILIZATION **BOILERS** BURNERS CHIMNEYS COASTAL CURRENTS COGENERATION EL NINO **GULF STREAM** ENERGY CONVERSION EXHAUST GASES LOMONOSOV CURRENT W WINGS LAKES **FURNACES** USE VARIABLE SWEEP WINGS HEAT TRANSFER HEATING OCEANOGRAPHY POLLUTION TRANSPORT WIND EFFECTS WAKES INCINERATORS LIGHTING EQUIPMENT GS WAKES AIRCRAFT WAKES
. HELICOPTER WAKES OVENS WATER COOLING SOLID WASTES LIQUID COOLING SPACE HEATING (BUILDINGS) WASTE HEAT . . SLIPSTREAMS . . PROPELLER SLIPSTREAMS HYPERSONIC WAKES WATER CURRENTS WASTES CURRENTS (OCEANOGRAPHY) UF LAMINAR WAKES NEAR WAKES GS CIRCULATION WASTE HEAT WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS SUPERSONIC WAKES **ENERGY TECHNOLOGY** TURBULENT WAKES . SLIPSTREAMS HEAT EXCHANGERS HEAT PUMPS COASTAL CURRENTS . PROPELLER SLIPSTREAMS WASTE ENERGY UTILIZATION EL NINO BACKWASH BASE FLOW RT GULF STREAM WATCHES LOMONOSOV CURRENT BUBBLES CLOCKS USE ARROYOS CAVITATION FLOW ∞ CURRENTS WATER **OCEANOGRAPHY** DOWNWASH RAPIDS WATER DRAFT COLD WATER
DEEP WATER
FRESH WATER
HEAVY WATER
INLAND WATERS
GROUND WATER SEA ROUGHNESS DRAG SEA STATES GROUND EFFECT (AERODYNAMICS) HORSESHOE VORTICES SURFACE WAVES TIDES STROUHAL NUMBER UPSTREAM TURBULENCE VORTEX ALLEVIATION LIGHT WATER WATER FLOW VORTICES NEARSHORE WATER . COASTAL WATER GS FLUID FLOW LIQUID FLOW WALL FLOW POLYWATER WATER FLOW FLUID FLOW GS POTABLE WATER RΤ ALLUVIUM WALL FLOW SEA WATER CANALS BOUNDARY LAYER FLOW CHANNEL FLOW RT SHALLOW WATER SHOALS DRAINAGE DRAINAGE PATTERNS FLOOD DAMAGE CONICAL FLOW DISCHARGE COEFFICIENT SPRINGS (WATER) SURFACE WATER VADOSE WATER FLOODS FLOW MEASUREMENT DUCTED FLOW GOERTLER INSTABILITY HEAT TRANSMISSION . WASTE WATER GREAT LAKES (NORTH AMERICA)
GROUND WATER RT MANNING THEORY ARROYOS ∞ HYDRAULICS TWO DIMENSIONAL FLOW BAY ICE BODY FLUIDS **HYDRODYNAMICS** TWO DIMENSIONAL JETS HYDROLOGY MODELS OPEN CHANNEL FLOW CAVITATION FLOW WALL JETS FIORDS PIPE FLOW FLUID AMPLIFIERS
JET BOUNDARIES HUMIDITY RAPIDS **HYDRATES** WATERSHEDS JET FLOW ∞ HYDRAULICS HYDRODYNAMICS JET VANES WATER HAMMER mJETS HYDROGEN BONDS HYDRAULIC EQUIPMENT HYDRODYNAMICS RT HYDROGEN COMPOUNDS WALL PRESSURE HYDROLOGY PIPE FLOW GS PRESSURE **HYDROMECHANICS PIPELINES** 

WATER HAMMER-(CONT.)
RAMS (PUMPS) SURGES VALVES WATER IMMERSION BATHS LIQUID COOLING QUENCHING (COOLING)

SINKING SOAKING SUBMERGED BODIES SUBMERGING UNDERWATER TESTS

WATER INJECTION

INJECTION . FLUID INJECTION LIQUID INJECTION
WATER INJECTION GAS INJECTION RT PERFORATING
THRUST AUGMENTATION

WATER JETS

HYDRAULIC JETS

WATER LANDING
GS LANDING WATER LANDING
DITCHING (LANDING)
AIRCRAFT LANDING RT CRASH LANDING GLIDE LANDINGS HARD LANDING HORIZONTAL SPACECRAFT LANDING HYDROPLANING PLANETARY LANDING SOFT LANDING SPACECRAFT LANDING SPACECRAFT RECOVERY SPLASHING

WATER PRESSURE PRESSURE GS FLUID PRESSURE

TOUCHDOWN

∞ HYDRAULICS HYDRODYNAMICS HYDROSTATIC PRESSURE HYDROSTATICS INLET PRESSURE PIPE FLOW

WATER TAKEOFF AND LANDING AIRCRAFT
GS WATER TAKEOFF AND LANDING
AIRCRAFT

SEAPLANES MAIRCRAFT

AMPHIBIOUS AIRCRAFT

ANTISUBMARINE WARFARE AIRCRAFT

COMMERCIAL AIRCRAFT RT GROUND EFFECT MACHINES HOVERCRAFT GROUND EFFECT MACHINES LIGHT AIRCRAFT

PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER SEA LAUNCHING SUBMERSIBLE AIRCRAFT

SUBSONIC AIRCRAFT TRANSPORT AIRCRAFT

WATER TUNNEL TESTS
RT AIR WATER INTERACTIONS

CROSS FLOW FLOW DISTRIBUTION FLOW VISUALIZATION STRAKES ~ TESTS WATER WAVES WIND TUNNEL TESTS

WATER TUNNELS HYDRAULIC TEST TUNNELS

WATER VAPOR VAPORS GS WATER VAPOR ATMOSPHERIC MOISTURE RT

WATER VAPOR-(CONT.) DEW HUMIDITY MOISTURE MOISTURE CONTENT

WATER VEHICLES
GS WATER VEHICLES LIFEROATS

CAPTURED AIR BUBBLE VEHICLES ADVANCED RANGE

INSTRUMENTATION SHIP AIRCRAFT CARRIERS CARGO SHIPS SAVANNAH NUCLEAR SHIP . TANKER SHIPS NUCLEAR POWERED SHIPS

SAVANNAH NUCLEAR SHIP SATELLITE COMMUNICATIONS SHIPS SUBMARINES

. SUBMARINES
. BALLISTIC MISSILE SUBMARINES
. GUIDED MISSILE SUBMARINES
. TRIDENT SUBMARINE
. SURFACE EFFECT SHIPS
. SWATH (SHIP)
UNDERWATER VEHICLES
CUBMARINES

SUBMARINES

BALLISTIC MISSILE SUBMARINES

GUIDED MISSILE SUBMARINES

TRIDENT SUBMARINE UNDERWATER RESEARCH LABORATORIES

AMPHIBIOUS VEHICLES AT HARBORS MARINE TRANSPORTATION
MILITARY VEHICLES RESEARCH VEHICLES SHIPYARDS SURFACE VEHICLES ∞ VEHICLES

WATER WAVES

WATER WAVES GS BREAKWATERS RT CAPILLARY WAVES ELASTOHYDRODYNAMICS FRONTAL WAVES

HYDRODYNAMIC COEFFICIENTS LITTORAL TRANSPORT OCEAN DYNAMICS RIPPLES SEA ROUGHNESS SEA STATES

SEA STATES
SURFACE WAVES
TSUNAMI WAVES
WATER TUNNEL TESTS
WATERWAVE ENERGY
WATERWAVE ENERGY
WATERWAVE POWERED MACHINES
WAVES

-WAVES

WAVE ATTENUATION
GS ATTENUATION

WAVE ATTENUATION
. ACOUSTIC ATTENUATION
. SHOCK WAVE ATTENUATION

RADAR ATTENUATION RADIO ATTENUATION ATMOSPHERIC ATTENUATION ELECTROMAGNETIC ABSORPTION INFRARED ABSORPTION RADAR TRANSMISSION
RADIO TRANSMISSION

SHOCK WAVE PROPAGATION

SHOCK WAVE INTERACTION

WAVE DEGRADATION
GS DEGRADATION WAVE DEGRADATION RT ATTENUATION SCATTERING

WAVE DRAG

DYNAMIC CHARACTERISTICS DRAG . PRESSURE DRAG WAVE DRAG INTERFERENCE DRAG

FRICTION DRAG RT

WAVE DRAG-(CONT.) SUPERSONIC DRAG

WAVE EQUATIONS
SN (NOT EQUATIONS OF MOTION)

WAVE EQUATIONS
DIRAC EQUATION

EIKONAL EQUATION
KLEIN-GORDON EQUATION
KORTEWEG-DEVRIES EQUATION LAME WAVE EQUATIONS
SCHROEDINGER EQUATION
BOLTZMANN-VLASOV EQUATION

RΤ DENSITY WAVE MODEL EQUATIONS

FORBIDDEN BANDS MHELMHOLTZ EQUATIONS
HYPERBOLIC DIFFERENTIAL EQUATIONS

PARTIAL DIFFERENTIAL EQUATIONS QUANTUM THEORY

WAVE EXCITATION
GS EXCITATION WAVE EXCITATION
ACOUSTIC EXCITATION HARMONIC EXCITATION DIFFRACTION RADIATION STROKING TESTS ~WAVES

WAVE FRONT DEFORMATION

GS DEFORMATION
. WAVE FRONT DEFORMATION

INTERFERENCE

WAVE FRONT RECONSTRUCTION RECONSTRUCTION
WAVE FRONT RECONSTRUCTION GS

ACOUSTICAL HOLOGRAPHY RT DIFFRACTOMETERS
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHIC SPECTROSCOPY HOLOGRAPHY KINOFORM

MICROWAVE HOLOGRAPHY **PHOTOGRAPHY** 

WHITE LIGHT HOLOGRAPHY WAVE FRONTS

WAVE FRONTS
SHOCK FRONTS
CAUSTIC LINES GS ЯT EIKONAL EQUATION 

FRONTS HUYGENS PRINCIPLE PHASE COHERENCE PHASE VELOCITY SHOCK DISCONTINUITY

WAVE FUNCTIONS

-WAVES

UNCTIONS

MAVE FUNCTIONS

MOLECULAR ORBITALS

PAULI EXCLUSION PRINCIPLE
FORBIDDEN TRANSITIONS

HARTREE APPROXIMATION GS RT PERTURBATION THEORY SQUARE WAVES

WAVE MOTION WAVES USE

WAVE RESISTANCE BLAST LOADS EROSION IMPACT STRENGTH ∞ RESISTANCE STRUCTURAL STABILITY

WAVEFORMS

RT

WAVEFORMS
PULSE AMPLITUDE
PULSE DURATION SAWTOOTH WAVEFORMS SQUARE WAVES

FORM FACTORS SPEECH BASEBAND COMPRESSION TIME FUNCTIONS WAVE PROPAGATION

WAVEGUIDE WINDOWS

IMPEDANCE MATCHING IRISES (MECHANICAL APERTURES)

#### **WAVERIDERS**

WEATHER STATIONS-(CONT.)
INSTRUMENT PACKAGES
INTEGRATED GLOBAL OCEAN STATION WAVEGUIDE WINDOWS-(CONT.) WESER AIRCRAFT-(CONT.)
ROTARY WING AIRCRAFT ∞ WINDOWS V/STOL AIRCRAFT WAVERIDERS AERODYNAMIC CONFIGURATIONS METEOROLOGICAL INSTRUMENTS WESTLAND AIRCRAFT GS METEOROLOGICAL SATELLITES WAVERIDERS WESTLAND AIRCRAFT METEOROLOGICAL SERVICES
OCEAN DATA ACQUISITIONS SYSTEMS RT AIRFOILS CARET WINGS P-531 HELICOPTER
WESTLAND WHIRLWIND HELICOPTER DELTA WINGS WEBBING HYPERSONIC FLIGHT HYPERSONIC VEHICLES HELICOPTERS ROTARY WING AIRCRAFT **FABRICS** LIFTING BODIES MESH V/STOL AIRCRAFT ∞WEBS WEBS (SHEETS) WESTLAND GROUND EFFECT MACHINES ∞ WAVES (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS SR-N2 GROUND EFFECT MACHINE SR-N3 GROUND EFFECT MACHINE SN WEDGE FLOW FLUID FLOW GS LISTED BELOW) SR-N5 GROUND EFFECT MACHINE . WEDGE FLOW BLASIUS FLOW UE CRESTS WESTLAND SR-N2 GROUND EFFECT MACHINE RT WAVE MOTION CONICAL FLOW WESTLAND SR-N2 HOVERCRAFT WESTLAND SR-N3 GROUND EFFECT BAROCLINIC WAVES RT FALKNER-SKAN EQUATION BREAKWATERS FLOW GEOMETRY CNOIDAL WAVES LAMINAR FLOW WESTLAND SR-N3 HOVERCRAFT WESTLAND SR-N5 GROUND EFFECT CORRUGATING SHOCK WAVES SUPERSONIC FLOW CYLINDRICAL WAVES DETONATION WAVES MACHINE THREE DIMENSIONAL FLOW TWO DIMENSIONAL FLOW DILATATIONAL WAVES EIKONAL EQUATION ELASTIC WAVES GROUND EFFECT MACHINES
. WESTLAND GROUND EFFECT GS VISCOUS FLOW MACHINES **FLECTROACOUSTIC WAVES** ВŢ ~AIRCRAFT ELECTROMAGNETIC RADIATION WEDGES **AERODYNAMIC CONFIGURATIONS** ELECTROMAGNETIC SURFACE WAVES WESTLAND MK-10 HELICOPTER AIRFOIL PROFILES FRONTAL WAVES
GRAVITATIONAL WAVES WESTLAND WHIRLWIND HELICOPTER AIRFOILS INTERNAL WAVES WESTLAND P-531 HELICOPTER WEIGHT (MASS) P-531 HELICOPTER KILOMETRIC WAVES LITTORAL TRANSPORT LONGITUDINAL WAVES WEIGHT FACTORS GS WEIGHT (MASS)
ATOMIC WEIGHTS WESTLAND SR-N2 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES NODES (STANDING WAVES) BIOMASS PLANE WAVES
PLANETARY WAVES
REFRACTED WAVES
SEISMIC WAVES BODY WEIGHT WESTLAND SR-N2 HOVERCRAFT ORGAN WEIGHT
STRUCTURAL WEIGHT
CENTER OF MASS WESTLAND GROUND EFFECT MACHINES RT WESTLAND SR-N3 GROUND EFFECT MACHINE SH WAVES ∞ FORCE WESTLAND GROUND EFFECT MACHINES SHOCK WAVES GRAVITATION LOADS (FORCES) SOUND WAVES SPHERICAL WAVES SQUARE WAVES WESTLAND SR-N3 HOVERCRAFT LOW MOLECULAR WEIGHTS WESTLAND GROUND EFFECT MACHINES MASCONS MASS STANDING WAVES STRESS WAVES MOLECULAR WEIGHT PAYLOADS WESTLAND SR-N5 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES SURFACE WAVES PRESSURE SURGES VOLUME WESTLAND WHIRLWIND HELICOPTER ∞ WEIGHT TIDAL WAVES UF WESTLAND MK-10 HELICOPTER WHIRLWIND MK-10 HELICOPTER TRANSVERSE WAVES TROPOSPHERIC WAVES VIBRATION UTILITY AIRCRAFT WEIGHT FACTORS USE WEIGHT (MASS) WESTLAND WHIRLWIND HELICOPTER WATER WAVES V/STOL AIRCRAFT ROTARY WING AIRCRAFT
. HELICOPTERS WATERWAVE ENERGY WAVE AMPLIFICATION WEIGHT INDICATORS WIND TUNNEL BALANCES WAVE EXCITATION WAVE FRONTS ... MILITARY HELICOPTERS GS MEASURING INSTRUMENTS . INDICATING INSTRUMENTS WESTLAND WHIRLWIND HELICOPTER WEIGHT INDICATORS
. MICROBALANCES
. STRAIN GAGE BALANCES WESTLAND AIRCRAFT
. WESTLAND WHIRLWIND HELICOPTER WEAR TESTS CUMULATIVE DAMAGE ∞ AIRCRAFT DESTRUCTIVE TESTS EROSION THERMOBALANCES RT BALANCE **FERROGRAPHY** MECHANICAL MEASUREMENT WETTABILITY **FRETTING** PRESSURE GAGES
PRESSURE MEASUREMENT RT ADHESION ADHESION TESTS **FRICTION** HARDNESS TESTS FORMATIONS ∞ SCALE ∞ MATERIALS TESTS
QUALITY CONTROL HYGROSCOPICITY STRAIN GAGES PERMEABILITY TENSOMETERS **SPALLING** POROSITY SURFACE PROPERTIES STATIC TESTS WEIGHT MEASUREMENT ∞ TESTS WETTING MICROWEIGHING WEAR RESISTANCE DENSITY (MASS/VOLUME)
HYDROMETERS RT WETTING COOLING WEATHER RECONNAISSANCE AIRCRAFT ∞ MEASUREMENT RECONNAISSANCE AIRCRAFT
WEATHER RECONNAISSANCE DIPPING FOAMING WEIGHT REDUCTION
RT AIRCRAFT DESIGN
SPACECRAFT DESIGN AIRCRAFT INTERFACIAL TENSION ∞ SATURATION ∞ SOAKING AIRCRAFT GLOBAL ATMOSPHERIC RESEARCH STRUCTURAL DESIGN SOAPS PROGRAM STRUCTURAL WEIGHT METEOROLOGICAL INSTRUMENTS **SPRAYING** SYSTEMS ANALYSIS OBSERVATION AIRCRAFT RB-50 AIRCRAFT SPRINKLING SUBMERGING WEIGHTLESS FLUIDS WET SPINNING ∞ FLUIDS WETTABILITY WEATHER STATIONS VISCOUS FLUIDS METEOROLOGICAL STATIONS GS **STATIONS** WHEEL BRAKES BRAKES (FOR ARRESTING MOTION)
. WHEEL BRAKES
AIRCRAFT BRAKES WESER AIRCRAFT
RT & AIRCRAFT WEATHER STATIONS GS . AUTOMATIC WEATHER STATIONS GROUND STATIONS

HELICOPTERS

RT

WIND TUNNEL STABILITY TESTS-(CONT.)
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY WHEEL BRAKES-(CONT.)
AIRCRAFT SAFETY
ANTISKID DEVICES TURBULENCE WATER CIRCULATION MISSILE TESTS
SPACECRAFT STABILITY CONTROLLABILITY FRICTION WIND ENERGY HYDRAULIC EQUIPMENT WINDPOWER UTILIZATION USE LANDING GEAR WIND TUNNEL TESTS
RT AERODYNAMIC CHARACTERISTICS
AIR DATA SYSTEMS
DENSITY MEASUREMENT
FLOW DISTRIBUTION TIRES WIND PRESSURE VEHICLE WHEELS PRESSURE GS WIND PRESSURE WHIRL INSTABILITY
USE ROTARY STABILITY DYNAMIC LOADS PRESSURE MEASUREMENT GUST LOADS ∞TESTS WHIRLWIND MK-10 HELICOPTER
USE WESTLAND WHIRLWIND HELICOPTER LOADS (FORCES) WINDPOWER UTILIZATION TRISONIC WIND TUNNELS WATER TUNNEL TESTS WINDPOWERED GENERATORS WIENER HOPF EQUATIONS WIND TUNNEL WALLS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL EQUATIONS
WIENER HOPF EQUATIONS WIND PROFILES GS WALLS ATMOSPHERIC CIRCULATION WALLS
WIND TUNNEL WALLS
PRESSURE VESSELS GROUND WIND RT ∞ PROFILES

RADIAL DISTRIBUTION

SMOKE TRAILS REINFORCED SHELLS ВŢ ~ FOUATIONS WIND TUNNELS

GS TEST FACILITIES
. WIND TUNNELS WIND (METEOROLOGY)
GS WIND (METEOROLOGY)
. CIRCUMPOLAR WESTERLIES
. GROUND WIND VERTICAL DISTRIBUTION
ZONAL FLOW (METEOROLOGY) BLOWDOWN WIND TUNNELS COMBUSTION WIND TUNNELS CRYOGENIC WIND TUNNELS WIND SHEAR GUSTS MONSOONS DUNGEYS WIND SHEAR MECHANISM HYPERSONIC WIND TONNELS

HOTSHOT WIND TUNNELS

PLASMA JET WIND TUNNELS

SHOCK TUNNELS

HYPERVELOCITY WIND TUNNELS

CASCADE WIND TUNNELS

CASCADE WIND TUNNELS

HOTSHOT WIND TUNNELS

PLASMA JET WIND TUNNELS

SHOCK TUNNELS

LOW DENSITY WIND TUNNELS

LOW SPEED WIND TUNNELS

SUBSONIC WIND TUNNELS

RECTANGULAR WIND TUNNELS

SUPERSONIC WIND TUNNELS

TRISONIC WIND TUNNELS

TRISONIC WIND TUNNELS

TRISONIC WIND TUNNELS

AERODYNAMICS

EXHAUST FLOW SIMULATION
FLIGHT SIMULATORS

GAS GUNS

GAS STREAMS

HYPERSONIC FLOW

SPIKES (AERODYNAMIC

CONFIGURATIONS)

SUPERSONIC FLOW

TEST CHAMBERS

TEST EQUIPMENT

TRANSONIC FLOW AVIATION METEOROLOGY BAROTROPIC FLOW CLEAR AIR TURBULENCE HYPERSONIC WIND TUNNELS
CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS ŘT SEA BREEZE SQUALLS WINDS ALOFT GEOSTROPHIC WIND GROUND WIND MICROBURSTS (METEOROLOGY) GEOSTROPHIC WIND
JET STREAMS (METEOROLOGY)
AEOLIAN TONES RT AEDCIAN TONES
AEROLOGY
AIR CURRENTS
AIR POLLUTION
ALPINE METEOROLOGY
ANEMONITERS UNNEL APPARATUS WIND WIND TUNNEL BALANCES
WIND TUNNEL APPARATUS GS WIND TUNNEL DRIVES WIND TUNNEL NOZZLES ATMOSPHERIC CIRCULATION ∞ EQUIPMENT SUPERSONIC TEST APPARATUS RT BAROTROPIC FLOW BARRIERS BANHIERS
BLOWING
CLIMATOLOGY
CYCLONES
GRAVITY WAVES
HOT-FILM ANEMOMETERS
JIMSPHERE BALLOONS WIND TUNNEL BALANCES
USE WEIGHT INDICATORS
WIND TUNNEL APPARATUS AT WIND TUNNEL CALIBRATION CALIBRATING
. WIND TUNNEL CALIBRATION
MEASURING INSTRUMENTS MARINE METEOROLOGY MERIDIONAL FLOW MESOSCALE PHENOMENA GS RT PRESSURE MEASUREMENT SCALING LAWS TEMPERATURE MEASUREMENT METEOROLOGY MIXING HEIGHT PRESSURE ICE RIPPLES STORM DAMAGE WIND TUNNEL DRIVES
GS WIND TUNNEL APPARATUS
. WIND TUNNEL DRIVES STORMS STORMS (METEOROLOGY) THUNDERSTORMS ∞TUNNELS ∞ DRIVES TIDAL WAVES TORNADOES UPWELLING WATER ∞ FANS MECHANICAL DRIVES PLASMA GENERATORS PRESSURE CHAMBERS DISPLAY DEVICES
. FLOW DIRECTION INDICATORS VERTICAL AIR CURRENTS WEATHER WIND VANES
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
FLOW DIRECTION INDICATORS
WIND VANES VACUUM CHAMBERS WEATHER WEATHER FORECASTING
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS
ZONAL FLOW (METEOROLOGY) WIND TUNNEL MODELS MODELS
. WIND TUNNEL MODELS
.. POWERED MODELS GS METEOROLOGICAL INSTRUMENTS . WIND VANES AERODYNAMIC CONFIGURATIONS AIRCRAFT MODELS DYNAMIC MODELS RT VANES WIND DIRECTION
RT ATMOSPHERIC CIRCULATION
GROUND WIND
MERIDIONAL FLOW . WIND VANES
ANEMOMETERS
HOT-FILM ANEMOMETERS RT FLOW VISUALIZATION

MISSILE SIMULATORS

PYLON MOUNTING SEA BREEZE WIND VARIATIONS
GS VARIATIONS
. WIND VARIATIONS SCALE MODELS
SEMISPAN MODELS
SHADOWGRAPH PHOTOGRAPHY
TEST EQUIPMENT SMOKE TRAILS UPSTREAM UPWELLING WATER
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS ANNUAL VARIATIONS ATMOSPHERIC TURBULENCE DIURNAL VARIATIONS ВT WIND TUNNEL NOZZLES

GS WIND TUNNEL APPARATUS
. WIND TUNNEL NOZZLES

RT CONICAL NOZZLES ZONAL FLOW (METEOROLOGY) SEASONS WIND EFFECTS
RT ATMOSPHERIC EFFECTS WIND VELOCITY CONVERGENT NOZZLES
DIVERGENT NOZZLES
HYPERSONIC NOZZLES RATES (PER TIME)
. WIND VELOCITY
.. SOLAR WIND VELOCITY DUNES DUST STORMS ∞ EFFECTS ∞ NOZZLES
SUPERSONIC NOZZLES VELOCITY EROSION . WIND VELOCITY
. . . SOLAR WIND VELOCITY
AIRSPEED GROUND WIND PRESSURE EFFECTS TRANSONIC NOZZLES RT SEA BREEZE WIND TUNNEL STABILITY TESTS

GS STABILITY TESTS

WIND TUNNEL STABILITY TESTS ANEMOMETERS SEA ROUGHNESS FLOW MEASUREMENT GROUND WIND

SEA STATES SOIL EROSION WIND EFFECTS-(CONT.)

#### WIND VELOCITY MEASUREMENT

WIND VELOCITY-(CONT.)
HOT-FILM ANEMOMETERS WING CAMBER-(CONT.) WING PLANFORMS PLANFORMS
. WING PLANFORMS MISSION ADAPTIVE WINGS SEA ROUGHNESS WIND TURBINES CHANNEL WINGS
INFINITE SPAN WINGS
SWEPT FORWARD WINGS WING FLAPS WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS JET AUGMENTED WING FLAPS AIRFOILS. . TRAPEZOIDAL WINGS SWEPTBACK WINGS . ARROW WINGS FLAPS (CONTROL SURFACES) WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS WIND VELOCITY MEASUREMENT . DELTA WINGS . TRAPEZOIDAL WINGS VARIABLE SWEEP WINGS MECHANICAL MEASUREMENT
. VELOCITY MEASUREMENT TRAILING EDGE FLAPS
VORTEX FLAPS
BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
WING FLAPS WIND VELOCITY MEASUREMENT RT HP-115 AIRCRAFT LOW ASPECT RATIO WINGS WIND MEASUREMENT WIND VELOCITY MEASUREMENT MONOPLANES RT **ANEMOMETERS** OBLIQUE WINGS RECTANGULAR PLANFORMS HOT-FILM ANEMOMETERS LEADING EDGE FLAPS LEADING EDGE SLATS
TRAILING EDGE FLAPS
VORTEX FLAPS
AIRCRAFT BRAKES SLENDER WINGS WINDMILLING
USE AUTOROTATION SWEPT WINGS SWING WINGS THRUST DISTRIBUTION UNSWEPT WINGS WING FLAPS WINDOWS LEADING EDGE SLATS TRAILING EDGE FLAPS (USE OF A MORE SPECIFIC TERM IS SN RECOMMENDED-CONSULT THE TERMS LISTED BELOW) CONTROL SURFACES
. FLAPS (CONTROL SURFACES)
. WING FLAPS WING PROFILES AIRFOIL PROFILES INFRARED WINDOWS PORTS (OPENINGS) WAVEGUIDE WINDOWS RT WING PROFILES LEADING EDGE FLAPS LEADING EDGE SLATS TRAILING EDGE FLAPS AERODYNAMIC INTERFERENCE GAW-1 AIRFOIL GAW-2 AIRFOIL WINDOWS (APERTURES)
WINDOWS (INTERVALS) VORTEX FLAPS MISSION ADAPTIVE WINGS DRAG DEVICES
. AERODYNAMIC BRAKES WINDOWS (APERTURES)

SN (EXCLUDES INTERVALS IN TIME, FREQUENCY, ENERGY AND SO ON) MONOPLANES SUPERCRITICAL WINGS WING FLAPS
. LEADING EDGE FLAPS SWING WINGS APERTURES BARRIERS LEADING EDGE SLATS WINGS TRAILING EDGE FLAPS VORTEX FLAPS CURTAINS DOORS WING ROOTS EXTERNALLY BLOWN FLAPS AERODYNAMIC CONFIGURATIONS RT **DUCTS** JET FLAPS AIRCRAFT CONFIGURATIONS
DROOPED AIRFOILS OPENINGS
OPTICAL MATERIALS SPLIT FLAPS FAIRINGS PORTS (OPENINGS) SEPARATORS mROOTS WING FLOW METHOD TESTS
RT FLIGHT TESTS SHIELDING VENTS wWINDOWS FLUID FLOW WING SLATS LEADING EDGE SLATS GROUND TESTS USE ∞ METHODOLOGY WINDSHIELDS ∞ TESTS
TRANSONIC WIND TUNNELS WING SLOTS GS SLOTS WINDPOWER UTILIZATION WING SLOTS
BOUNDARY LAYER CONTROL
LEADING EDGE SLATS
VORTEX GENERATORS WIND ENERGY UTILIZATION GS WING LOADING . WINDPOWER UTILIZATION AIR CURRENTS AIR MASSES GS AERODYNAMIC FORCES . WING LOADING **BT** LOADS (FORCES)
. DYNAMIC LOADS ATMOSPHERIC CIRCULATION CLEAN ENERGY EARTH RESOURCES WING SPAN WING LOADING AIRFOIL PROFILES AERODYNAMIC LOADS AEROELASTICITY WING PROFILES GROUND WIND SEA BREEZE EDGE LOADING SPANWISE BLOWING FORCE DISTRIBUTION GUST LOADS WINGS WIND (METEOROLOGY) WIND PRESSURE LEADING EDGE THRUST STATIC LOADS SWEEP EFFECT WIND TURBINES WING TANKS TANKS (CONTAINERS)
. FUEL TANKS
. WING TANKS WIND VELOCITY WINDMILLS (WINDPOWERED MACHINES)
WINDPOWERED GENERATORS
WINDPOWERED PUMPS VORTEX FLAPS CONTAINERS
EXTERNAL STORE SEPARATION
EXTERNAL STORES WING NACELLE CONFIGURATIONS
GS AERODYNAMIC CONFIGURATIONS WING NACELLE CONFIGURATIONS WINDS ALOFT WIND (METEOROLOGY) EXTERNAL TANKS
JETTISON SYSTEMS **∞ AIRCRAFT** . WINDS ALOFT . . GEOSTROPHIC WIND **AIRFRAMES** WING-FUSELAGE STORES EXTERNALLY BLOWN FLAPS .. JET STREAMS (METEOROLOGY)
CIRCUMPOLAR WESTERLIES RT WING TIP VORTICES SEA BREEZE WING OSCILLATIONS **VORTICES** GS OSCILLATIONS . WING TIP VORTICES
BLADE-VORTEX INTERACTION VERTICAL AIR CURRENTS GS AIRFOIL OSCILLATIONS RT .. WING OSCILLATIONS AERODYNAMIC STABILITY FLOW DISTORTION WINDSCREENS RT HORSESHOE VORTICES ROTATING FLUIDS WINDSHIELDS AEROELASTIC RESEARCH WINGS FLAPPING WINDSHIELDS FLUTTER WINDSCREENS WING TIPS UF STABLE OSCILLATIONS UNDAMPED OSCILLATIONS TIPS AIRCRAFT COMPARTMENTS WING TIPS CANOPIES UNSTEADY AERODYNAMICS AIRFOIL PROFILES COCKPITS VIBRATION BLADE TIPS JOINED WINGS **ENVIRONMENTAL CONTROL** LOCOMOTIVES SHIELDING WING PANELS

PANELS

. WING PANELS STRUCTURAL MEMBERS

CURVED PANELS
RECTANGULAR PANELS

WING PANELS

WING-FUSELAGE STORES
RT EXTERNAL STORE SEPARATION
EXTERNAL STORES

PODS (EXTERNAL STORES)

**FUSELAGES** 

NACELLES

GS

RT

212

GS

RT

WING CAMBER

CAMBER

WINDOWS (APERTURES)

WING CAMBER

CAMBERED WINGS CONICAL CAMBER

		WINGS-(CONT.)	x WING I	ROTORS-(CONT.) ROTARY WINGS
WING-FUSI	ELAGE STORES-(CONT.)			X WING ROTORS
P	ROTUBEHANCES	RT AIRCRAFT CONSTRUCTION MATERIALS		ROTATING BODIES
∞9	TORAGE	AIRCRAFT PARTS AIRCRAFT STRUCTURES		. ROTORS
9	TORAGE TANKS TANKS (CONTAINERS)	AIRCRAFT STRUCTURES		ROTARY WINGS X WING ROTORS
1	VEAPONS	AIRFRAMES	RT	CIRCULATION CONTROL ROTORS
	WING TANKS	ASPECT RATIO	H1	ROTOR BLADES
		TO ALLING EDGES	~	
WINGED \	/EHICLES	ACCUMUNE AND TAIL CONFIGURATIONS	X-1 AIRC	CRAFT
		BODY-WING CONFIGURATIONS	GS	BELL AIRCRAFT
	RECOMMENDED-CONSULT THE TERMINO	COATINGS CONTROL SURFACES		X-1 AIRCRAFT
	LISTED BELOW)	DOCOPED AIRFOILS		MONOPLANES
RT oc	AIRCRAFT B-1 AIRCRAFT	DUAL WING CONFIGURATIONS		X-1 AIRCRAFT RESEARCH AIRCRAFT
		LEADING EDGE FLAPS		Y-1 AIRCRAFT
	DRONE VEHICLES FIREBEE 2 TARGET DRONE AIRCRAFT	MISSILE COMPONENTS POROUS BOUNDARY LAYER CONTROL		ROCKET VEHICLES
	GLIDERS	ROTORS		ROCKET PLANES
	HANG GLIDERS HYPERSONIC VEHICLES	SPOILERS		SUPERSONIC AIRCRAFT
	JET AIRCRAFT	WING PANELS		X-1 AIRCRAFT
	KA-6 SAILPLANES	WING PROFILES	RT ·	∞ AIRCRAFT
	I ALINCH VEHICLES	WING SPAN	nı .	ap Air (o. p., )
	LEADING FORF FLAPS	WING TIPS	X-2 AIR	MCDAFT
	MAN POWERED AIRCRAFT	∞WINGED VEHICLES WINGLETS	GS AIN	BELL AIRCRAFT
	MISSILES	MINGLEIS	30	X-2 AIRCRAFT
	MONOPLANES RECOVERABLE LAUNCH VEHICLES	WOODEN STRUCTURES		MONOPLANES
	RECOVERABLE SPACECRAFT	RT PLYWOOD		X-2 AIRCRAFT
	REFNTRY VEHICLES	∞STRUCTURES		RESEARCH AIRCRAFT
	RESEARCH AIRCRAFT	WOOD		X-2 AIRCRAFT ROCKET VEHICLES
	ROCKET VEHICLES			ROCKET PLANES
	SHORT TAKEOFF AIRCRAFT SUPERCRITICAL WINGS	WORK SOFTENING		X-2 AIRCRAFT
	ULTRALIGHT AIRCRAFT	GS SOFTENING		SUPERSONIC AIRCRAFT
	VELUCI ES	WORK SOFTENING		X-2 AIRCRAFT
٠	VERTICAL TAKEOFF AIRCRAFT	RT MICROSTRUCTURE PLASTIC DEFORMATION	RT	∞ AIRCRAFT
	WINGS	WORK HARDENING		
		TO III THE STATE OF THE STATE O		RCRAFT
WINGLE	TS	WORKHORSE HELICOPTER	GS	JET AIRCRAFT X-3 AIRCRAFT
RT	DRAG REDUCTION	USE CH-21 HELICOPTER		MCDONNELL DOUGLAS AIRCRAFT
	FINS			DOUGLAS AIRCRAFT
	PROTUBERANCES VORTEX ALLEVIATION	WORKING FLUIDS		X-3 AIRCRAFT
	VORTEX ACCEVIATION	RT CONSUMABLES (SPACECHAFT)		MONOPLANES
	WINGS	FERROFLUIDS		X-3 AIRCRAFT
	7111.00	FLUID POWER FLUID TRANSMISSION LINES		RESEARCH AIRCRAFT
WINGS		ELLING		. X-3 AIRCRAFT SUPERSONIC AIRCRAFT
UF	CANTILEVER WINGS	HIGH TEMPERATURE FLUIDS		X-3 AIRCRAFT
GS	AIRFOILS	HYDRAULIC FLUIDS	BT	∞ AIRCRAFT
	WINGS	IET CONDENSERS	• • • • • • • • • • • • • • • • • • • •	
	. AEROELASTIC RESEARCH WINGS	PHASE CHANGE MATERIALS	Y-5 A	IRCRAFT
	CAMBERED WINGS CARET WINGS	TRANSMISSION FLUIDS	GS	BELL AIRCRAFT
	CHANNEL WINGS			X-5 AIRCRAFT
	CRUCIFORM WINGS	WRECKAGE RT ACCIDENT INVESTIGATION		JET AIRCRAFT
	. FIXED WINGS	ACCIDENT INVESTIGATION		. X-5 AIRCRAFT MONOPLANES
	FLEXIBLE WINGS	CRASHES		X-5 AIRCRAFT
	PARAWINGS	SABOTAGE		RESEARCH AIRCRAFT
	GAW-1 AIRFOIL GAW-2 AIRFOIL	SPACECRAFT BREAKUP		X-5 AIRCRAFT
	IOINED WINGS		RT	∞ AIRCRAFT
	LOW ASPECT RATIO WINGS	WU-2 AIRCRAFT		
	DELTA WINGS	USE U-2 AIRCRAFT	XB-4	7 AIRCRAFT
	TO A DEZOIDAL WINGS	····· AIMADAET	USE	
	MISSION ADAPTIVE WINGS	W2F AIRCRAFT USE E-2 AIRCRAFT		
	OBLIQUE WINGS RIGID WINGS	DGE E-E / MINERAL	XB-7	O AIRCRAFT
	SOTATIV MINGS		USI	E B-70 AIRCRAFT
	CIRCULATION CONTROL RUTURS			
	LIETING ROTORS	X	XBQ	M-180A AIRCRAFT
	BEARINGLESS ROTORS		US	E VATOL AIRCRAFT
	RIGID ROTORS TILTING ROTORS	THE PARTY OF THE P		_
	TIP DRIVEN ROTORS	X RAY ANALYSIS SN (EXCLUDES X RAY STRESS ANALYSIS)		142 AIRCRAFT
	X WING ROTORS	GS X RAY ANALYSIS	UF	
	SI ENDER WINGS	LAUE METHOD	GS	XC-142 AIRCRAFT
	INFINITE SPAN WINGS	X RAY SPECTROSCOPY		JET AIRCRAFT
	SUPERCRITICAL WINGS	RT MANALYZING		VC-142 AIRCRAFT
	SWEPT WINGS SWEPT FORWARD WINGS	CHEMICAL ANALYSIS CRYSTALLOGRAPHY		LING-TEMCO-VOUGHT AIRCRAFT
	TRAPEZOIDAL WINGS	CRYSTALLOGRAPHT DEFECTS		XC-142 AIRCRAFT
	SWEPTBACK WINGS	FLUOROSCOPY		MONOPLANES . XC-142 AIRCRAFT
	ARROW WINGS	LATTICE PARAMETERS		RYAN AIRCRAFT
	DELTA WINGS	∞ MATERIALS TESTS		YC-142 AIRCRAFT
	TRAPEZOIDAL WINGS	MICROANALYSIS		TILT WING AIRCRAFT
	SWING WINGS	MICROBEAMS		XC-142 AIRCRAFT
	THIN WINGS INFINITE SPAN WINGS	RADIOGRAPHY RADIOLOGY		TRANSPORT AIRCRAFT
	TWISTED WINGS	STEREOCHEMISTRY		XC-142 AIRCRAFT V/STOL AIRCRAFT
	UNCAMBERED WINGS	TOMOGRAPHY		VERTICAL TAKEOFF AIRCRAFT
	RING WINGS	<del></del>		XC-142 AIRCRAFT
	INSWEPT WINGS	X WING ROTORS	R	RT ∞AIRCRAFT
	INFINITE SPAN WINGS RECTANGULAR WINGS	GS AIRFOILS	.,	TURBOPROP ENGINES
	RECTANGULAR WINGS	WINGS		

#### XH-51 HELICOPTER

XH-51 HELICOPTER XV-9A AIRCRAFT-(CONT.) XV-9A AIRCRAFT AEROGYRO HELICOPTERS CL-595 HELICOPTER H-51 HELICOPTER UF YF-16 AIRCRAFT-(CONT.) ∞ AIRCRAF JET AIRCRAFT XV-9A AIRCRAFT ∞ MILITARY AIRCRAFT LOCKHEED CL-595 HELICOPTER LOCKHEED 186 HELICOPTER LOCKHEED AIRCRAFT . XH-51 HELICOPTER RESEARCH AIRCRAFT RESEARCH AIRCRAFT YF-17 AIRCRAFT . XY-9A AIRCRAFT V/STOL AIRCRAFT GS USE F-17 AIRCRAFT ROTARY WING AIRCRAFT .. HELICOPTERS YHU-1 HELICOPTER XH-51 HELICOPTER V/STOL AIRCRAFT
ROTARY WING AIRCRAFT USE UH-1 HELICOPTER . XV-9A AIRCRAFT RT ∞ AIRCRAFT YJ-73-GE-3 ENGINE HELICOPTERS TIP DRIVEN ROTORS ... RIGID ROTOR HELICOPTERS USE J-73 ENGINE YJ-79 ENGINE XJ-34-WE-32 ENGINE USE J-79 ENGINE Y J-34 ENGINE YJ-85 ENGINE USE J-85 ENGINE XJ-79-GE-1 ENGINE YAK 40 AIRCRAFT USE J-79 ENGINE GENERAL AVIATION AIRCRAFT YJ-93 ENGINE YAK 40 AIRCRAFT USE J-93 ENGINE XM-6 SQUIB YAK 40 AIRCRAFT LIGHT AIRCRAFT YAK 40 AIRCRAFT USE SQUIBS YJ-93-GE-3 ENGINE USE J-93 ENGINE XM-8 SQUIB PASSENGER AIRCRAFT USE SQUIBS YJ73 TURBOJET ENGINE . YAK 40 AIRCRAFT RT USE J-73 ENGINE XV-3 AIRCRAFT V-3 AIRCRAFT YO-YO DEVICES YAW GS BELL AIRCRAFT DAMPING IN YAW ANGULAR ACCELERATION . XV-3 AIRCRAFT V/STOL AIRCRAFT GYROSCOPIC STABILITY SATELLITE ROTATION **FISHTAILING** YAWMETERS XV-3 AIRCRAFT GS ATTITUDE (INCLINATION) SPIN REDUCTION TILTING ROTORS AERODYNAMIC STABILITY DIRECTIONAL CONTROL DIRECTIONAL STABILITY RT YS-11 AIRCRAFT XV-4 AIRCRAFT
UF HUMMINGBIRD AIRCRAFT NIHON YS-11 AIRCRAFT JET AIRCRAFT GS LATERAL OSCILLATION ... MOTION LOCKHEED XV-4A AIRCRAFT V-4 AIRCRAFT TURBOPROP AIRCRAFT ... YS-11 AIRCRAFT MONOPLANES PITCH (INCLINATION) VZ-10 AIRCRAFT ROLL JET AIRCRAFT
. XV-4 AIRCRAFT
LOCKHEED XIRCRAFT GS NONOPLANES

YS-11 AIRCRAFT
NIHON AIRCRAFT

YS-11 AIRCRAFT

PASSENGER AIRCRAFT

YS-11 AIRCRAFT ROTATION SIDESI IP SKIDDING XV-4 AIRCRAFT TURNING FLIGHT YAWING MOMENTS . XV-4 AIRCRAFT RESEARCH AIRCRAFT . XV-4 AIRCRAFT TRANSPORT AIRCRAFT YS-11 AIRCRAFT YAWING MOMENTS MOMENTS V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
XV-4 AIRCRAFT YT-2 AIRCRAFT STABILITY DERIVATIVES T-2 AIRCRAFT . . YAWING MOMENTS
AERODYNAMIC COEFFICIENTS **∞AIRCRAFT** LATERAL OSCILLATION MOMENTS OF INERTIA PITCHING MOMENTS YUH-1 HELICOPTER
USE UH-1 HELICOPTER XV-5 AIRCRAFT V-5 AIRCRAFT ROLLING MOMENTS YUH-60A HELICOPTER VZ-11 AIRCRAFT XV-5A AIRCRAFT TORQUE USE **UH-60A HELICOPTER** FAN IN WING AIRCRAFT
. XV-5 AIRCRAFT
JET AIRCRAFT GS YUH-61A HELICOPTER **YAWMETERS** USF UH-61A HELICOPTER ATTITUDE INDICATORS YAW XV-5 AIRCRAFT MONOPLANES USE YUKON AIRCRAFT XV-5 AIRCRAFT CL-44 AIRCRAFT RESEARCH AIRCRAFT YC-14 AIRCRAFT XV-5 AIRCRAFT GS TRANSPORT AIRCRAFT RYAN AIRCRAFT CARGO AIRCRAFT
YC-14 AIRCRAFT XV-5 AIRCRAFT V/STOL AIRCRAFT Z RT ∞ AIRCRAFT XV-5 AIRCRAFT BOEING AIRCRAFT

MILITARY AIRCRAFT **Z-37 AIRCRAFT** UF OMNIPOL Z-37 AIRCRAFT MONOPLANES
. Z-37 AIRCRAFT
UTILITY AIRCRAFT
. Z-37 AIRCRAFT XV-5A AIRCRAFT GS YC-15 AIRCRAFT USE XV-5 AIRCRAFT USE C-15 AIRCRAFT XV-6A AIRCRAFT YF-12 AIRCRAFT
GS ATTACK AIRCRAFT P-1127 AIRCRAFT ZERO ANGLE OF ATTACK FIGHTER AIRCRAFT XV-8A AIRCRAFT GEOMETRY ... YF-12 AIRCRAFT RESEARCH AIRCRAFT . EUCLIDEAN GEOMETRY XV-SA AIRCRAFT ANGLES (GEOMETRY) AIRCRAFT DESIGN RYAN AIRCRAFT

XV-SA AIRCRAFT

UTILITY AIRCRAFT

XV-SA AIRCRAFT

XV-STOL AIRCRAFT ... ANGLE OF ATTACK ∞INTERCEPTORS JET AIRCRAFT **∞ MILITARY AIRCRAFT** ZERO LIFT RECONNAISSANCE AIRCRAFT RESEARCH AIRCRAFT AERODYNAMIC CHARACTERISTICS XV-8A AIRCRAFT . LIFT ZERO LIFT ∞ AIRCRAFT YF-16 AIRCRAFT AERODYNAMIC FORCES FLEXIBLE WINGS ATTACK AIRCRAFT FIGHTER AIRCRAFT LIFT . . ZERO LIFT DYNAMIC CHARACTERISTICS XV-9A AIRCRAFT YF-16 AIRCRAFT V-9 AIRCRAFT SINGLE ENGINE AIRCRAFT GS . LIFT **HUGHES AIRCRAFT** . YF-16 AIRCRAFT

ZERO LIFT

# **ZUNI ROCKET VEHICLE**

RT AERODYNAMIC STALLING
BOUNDARY LAYER SEPARATION
DISTRIBUTION (PROPERTY)

ZEUS MISSILE USE NIKE-ZEUS MISSILE

ZUNI ROCKET VEHICLE

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. ZUNI ROCKET VEHICLE

RT SOLID PROPELLANT ROCKET ENGINES

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