



NASA Ames Research Center An Overview

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EARTH RIGHT NOW

Your planet is changing. We're on it.



NASA'S JOURNEY TO

MARS



NASA Centers and Installations



Ames Research Center

Glenn Research Center

Goddard Space Flight Center

Headquarters

Jet Propulsion Laboratory

Armstrong Flight Research Center

Johnson Space Center

Stennis Space Center

Kennedy Space Center

Langley Research Center

Marshall Space Flight Center



Ames is One of the Early NACA Laboratories



Joseph S. Ames



NACA

Langley

Ames

Lewis

Dryden

NASA

1915

1939


1940

1946

1958



Ames Research Center

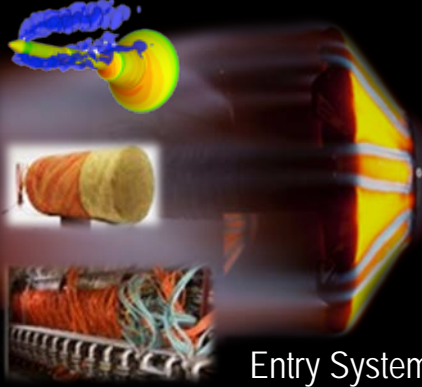


- Occupants:
 - ~1130 civil servants; ~2,100 contractors; 1,650 tenants
 - 855 summer students in 2016
- FY2016 Budget: ~\$915M (including reimbursable/EUL)
- ~1,900 acres (400 acres security perimeter); 5M building ft²
- Airfield: ~9,000 and 8,000 ft runways

Core Competencies at Ames Today



Air Traffic Management



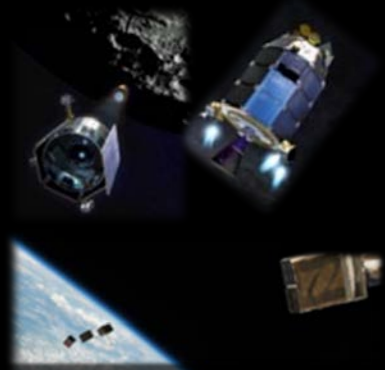
Entry Systems



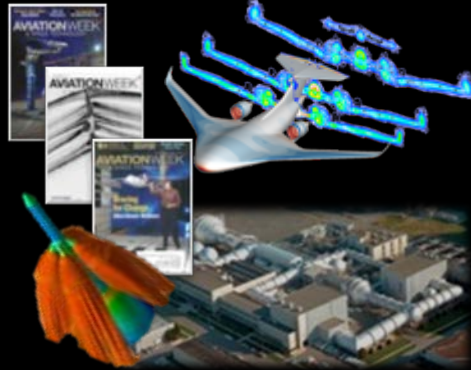
Advanced Computing & IT Systems



Intelligent/ Adaptive Systems



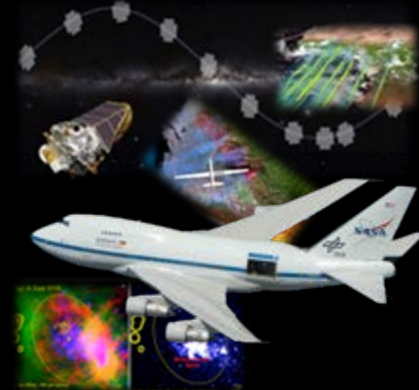
Cost-Effective Space Missions



Aerosciences



Astrobiology and Life Science



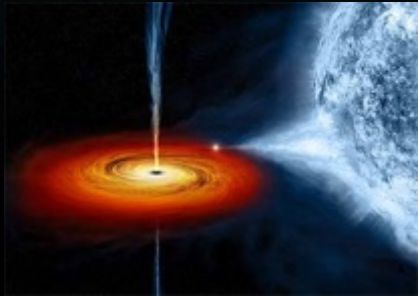
Space and Earth Sciences



NASA Knows Solar System and Beyond



NASA studies the planets in our solar system and space outside our solar system. NASA wants to find out how the planets were formed.



A black hole is a place in space where gravity pulls so much that even light cannot get out.



Microgravity causes astronauts to float around in space.



An orbit is how something goes around an object in space.



Orbital debris is the "space junk" that orbits Earth.



Questions?