



# Welcome

*AFWERX Agility Prime*

*August 17, 2023*

Leighton Quon

Deputy Director of Aeronautics

*NASA Ames Research Center*

# NASA Mission Directorates



## Aeronautics Research



Transform Aviation through R&D

## Science



Understand the Sun, Earth, and Universe

## Space Technology



Develop and transfer revolutionary technologies

## Space Operations



Launch and Space Operations

## Deep Space Exploration Sys.



Moon to Mars Exploration

# NASA Ames in Silicon Valley



Ames Research Center



Glenn Research Center



HQ



Goddard Space Flight Center



Langley Research Center



Marshall Space Flight Center



Armstrong Flight Research Center



Jet Propulsion Laboratory



Johnson Space Center



Stennis Space Center



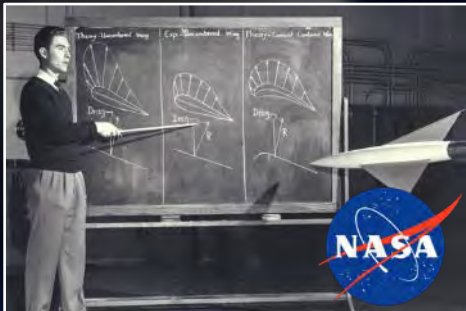
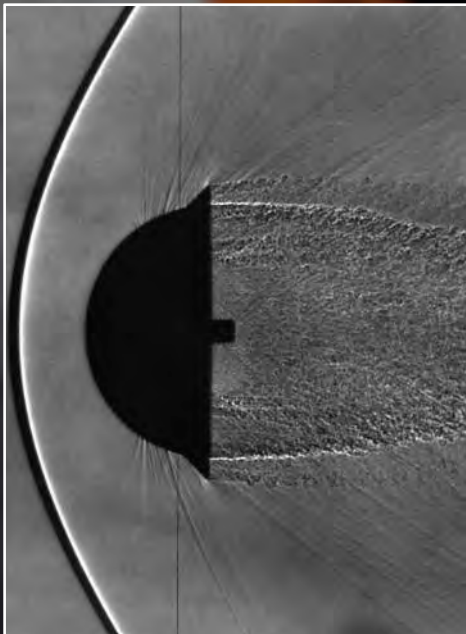
Kennedy Space Center





# Ames Aeronautical Laboratory

NACA's Second Laboratory



1915 1917 1939 1941 1946 1958

“Langley Memorial Aeronautical Laboratory”  
Langley Research Center (LaRC)

“Ames Aeronautical Laboratory”  
Ames Research Center (ARC)

“Aircraft Engine Research Laboratory”  
Glenn Research Center (GRC)

“Muroc Flight Test Unit”  
Armstrong Flight Research Center (AFRC)

# Ames Today



## Occupants

- ~1,200 civil servants*
- ~1,900 on-site contractors*
- ~2,500 NRP workforce*
- ~700 summer students in 2019*

## Real Property

- ~1,900 acres*
- 400 acres security perimeter*
- 5M building ft<sup>2</sup>*
- Airfield with ~9,000 & 8,000 ft. runways*

# Ames Today (NASA Research Park)



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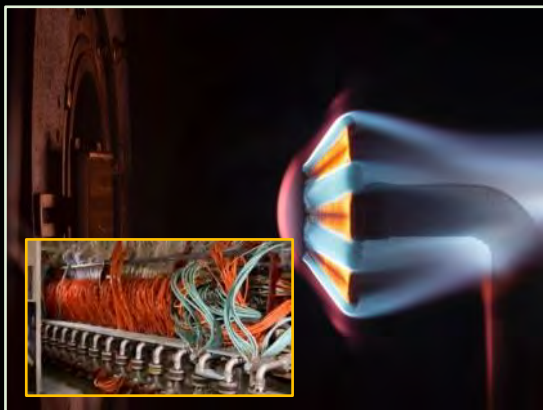


# Core Competencies

Air Traffic Management



Entry Systems



Advanced Computing & IT



Intelligent / Adaptive Systems



Cost-Effective Space Missions



Aerosciences



Astrobiology & Life Science



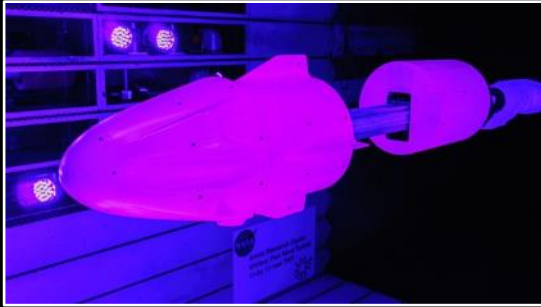
Space & Earth Sciences



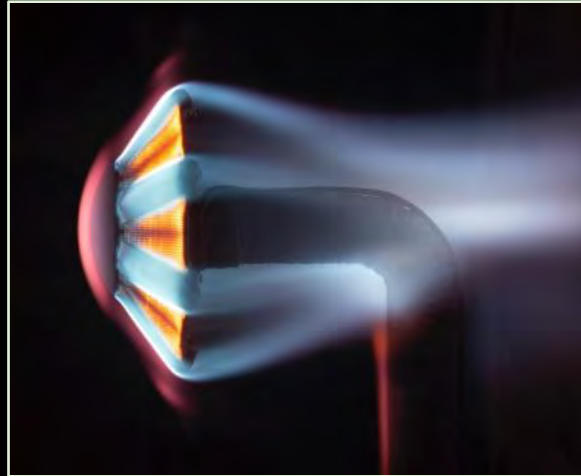
# Major Research Facilities



Wind Tunnels



Arc Jet Complex



Simulators



Supercomputing

