





Langley Today

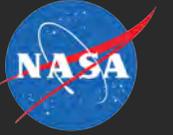
Occupants (FY23)

- ~1,800 civil servants
- ~1,700 on-site contractors
- ~410 students (OSTEM, Pathway)

Real Property

- 190 buildings
- ~764 acres
- Estimated value of facilities and infrastructure: ~\$5B





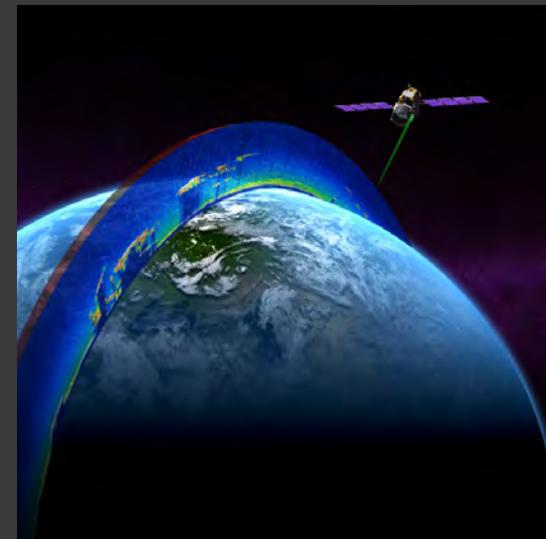
Our Missions

AERONAUTICS

EXPLORATION

SCIENCE

INSPIRATION



Make air transport
cleaner, faster, safer

Create building blocks
for deep space missions

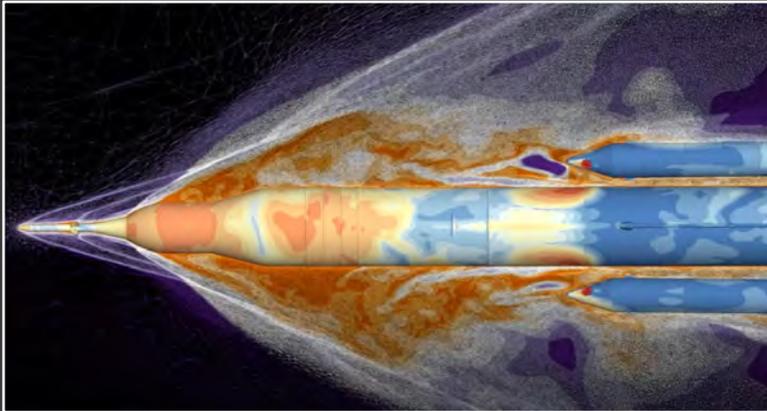
Science here and
on other worlds

Expand ideas
of what's possible



Core Competencies

Aerosciences



Structures & Materials



Intelligent Flight Systems



Systems Analysis & Concepts



Entry, Descent & Landing (EDL)



Atmospheric Characterization



Langley Research Facilities

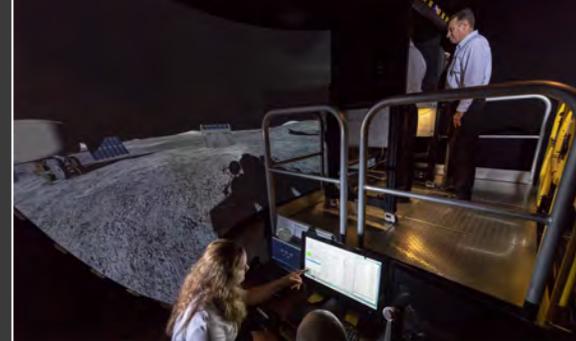
LABORATORIES



WIND TUNNELS



SIMULATORS



FLIGHT



NASA Aerosciences - Major Capabilities

National Aeronautics and
Space Administration



Specialty Tunnels

Subsonic

Transonic

Supersonic

Hypersonic



GLENN

Icing Research Tunnel

Aircraft Icing Condition Simulation



GLENN

9x15-Ft Low-Speed Wind Tunnel

Propulsion systems
performance & acoustics



AMES

Unitary Plan Wind Tunnels

11-Ft Transonic &
9x7-Ft Supersonic Tunnels



GLENN

8x6-Ft Supersonic Wind Tunnel

Propulsion systems performance



GLENN

10x10-Ft Supersonic Wind Tunnel

Large-scale Supersonics &
Propulsion



LANGLEY

8-Ft High Temperature Tunnel**

Large-scale Hypersonics
& Propulsion



GLENN

Propulsion Simulation Laboratory

Engine and Icing Simulation



LANGLEY

14x22-Ft Subsonic Tunnel

Takeoff, Landing, Ground Wind
Loads & Aeroacoustics



LANGLEY

Transonic Dynamics Tunnel***

Aeroelasticity & Flutter



LANGLEY

National Transonic Facility**

High Reynolds Number



LANGLEY

4-Ft Supersonic Wind Tunnel

Supersonic Vehicles



LANGLEY

Aerothermodynamic Laboratory Complex*

Hypersonic Aerothermal



LANGLEY

Flight Dynamics Research Facility

Spin and Forced Oscillation
-Under Construction-



LANGLEY

Low-Speed Aeroacoustic Wind Tunnel

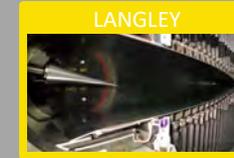
Simulation of Jet Exhaust



LANGLEY

0.3-m Transonic Cryogenic Tunnel

High Reynolds Number Flows



LANGLEY

20-In Supersonic Wind Tunnel

Supersonic Flows



LANGLEY

SCRAMJET Complex

Hypersonic Propulsion

Langley Wind Tunnels

* NASA Unique, ** Nationally Unique, *** World Unique

NASA LANGLEY RESEARCH CENTER

ORGANIZATION CHART

National Aeronautics and
Space Administration



Director's Office (A)



DIRECTOR
Clayton Turner



DEPUTY DIRECTOR
Lisa Ziehm *



ASSOCIATE DIRECTOR
Kanama Bivins *



ASSOCIATE DIRECTOR TECHNICAL
Kevin Rivers



SENIOR ADVISOR to the CD
Dave Young

Mission Support Enterprise Organizations



(B1) PROCUREMENT
Todd Pospisil *



(B2) CHIEF COUNSEL
Andrea Warmbirer



(B3) EQUAL OPPORTUNITY
Robin Lee



(B4) HUMAN RESOURCES
Steven Dykeman



(B8) COMMUNICATIONS
Moshay Simpson



(B6) CHIEF FINANCIAL OFFICER
Amy Radford *



(B7) CHIEF INFORMATION OFFICER
Catherine Prohaska



(B9) STEM ENGAGEMENT
Garnise Dennis *



(D4) CENTER OPERATIONS
Loretta Kelemen

Mission-Facing Organizations



(E1) AERONAUTICS RESEARCH
John Koelling



(E3) SCIENCE
Trina Dyal



(E5) SPACE TECHNOLOGY AND EXPLORATION
David Dress



(H1) STRATEGIC PARTNERSHIPS OFFICE
Rosemary Baize

Partnerships

Agency Programs and Functions



(C1) NASA ENGINEERING AND SAFETY CENTER
Timmy Wilson



(A1) SCIENCE OFFICE FOR MISSION ASSESSMENTS
Cindy Daniels



(A3) GAME CHANGING DEVELOPMENT PROGRAM OFFICE
Dave Moore *



(A5) EARTH SYSTEM SCIENCE PATHFINDER PROGRAM OFFICE
Greg Stover

Technical Organizations



(D1) RESEARCH SERVICES
Glenn Jamison



(D2) ENGINEERING
Steve Gayle *



(D3) RESEARCH
Allen Kilgore



(E4) SYSTEMS ANALYSIS AND CONCEPTS
Chuck Leonard



(C2) SAFETY AND MISSION ASSURANCE
Charles Cockrell

* Indicates Acting Leadership

Current as of 9/8/23



Our Wonder Changes the World



Together, We Discover

