National Aeronautics and Space Administration

VIRGINIA

NASA Center:
1 Langley Research Center — Hampton, VA

NASA Facility:
2 Wallops Flight Facility — Wallops Island, VA
Managed by Goddard Space Flight Center

NASA Overall State Impact [1]

• Jobs Supported	32,739
• Economic Output	$6,800,350,000
• State Tax Revenue	$273,302,000

Moon to Mars Campaign State Impacts

• Jobs Supported	3,392
• Economic Output	$899,885,000
• State Tax Revenue	$32,632,000

Investments in Climate Change Research & Technology State Impacts

• Jobs Supported	4,017
• Economic Output	$833,420,000
• State Tax Revenue	$28,331,000

[1] **For more information please visit: Value of NASA**

FY21 State Procurement Investments [2] — $2.1 B

Sample Obligations [3]

Business	**$1,059,306,420**
• Other Than Small Business	$838,371,242
• Small Business	$220,935,178
– 8(A) Program	$1,040,389
– Economically Disadvantaged Women Owned Small Business	$8,245,655
– Historically Underutilized Business (HUBZone)	$20,321,472
– Service Disabled Veteran Owned Small Business	$48,111,602
– Small Business Innovative Research	$10,447,852
– Small Disadvantaged Business	$62,803,640
– Veteran Owned Small Business	$63,999,672
– Woman Owned Small Business	$23,517,318
– Small Business Only	$78,039,729
Educational	**$16,428,025**
• Historically Black Colleges and Universities	$3,533,987
Government	**$3,634,068**
Non-profit Institutions	**$42,226,264**

Leading State-based NASA Business Contractors

Northrop Grumman	$300,076,415
Peraton, Inc.	$201,225,891
Jacobs Technology, Inc.	$79,549,487
Bechtel National, Inc.	$67,277,500
Booze Allen Hamilton, Inc.	$40,703,853

Leading State-based NASA Education Funding

George Mason University	$5,088,129
Virginia Polytechnic Institute	$4,368,982
The University of Virginia	$1,888,476
Virginia Commonwealth University	$433,000
Christopher Newport University	$426,020

Space Grant Consortuim

Virginia Space Grant Consortium	$800,000

[2] NASA contracts sourced in the state in FY21; see FY21 NASA Economic Impact Report
[3] Categories are not additive. For more information on FY21 Sample Obligations, please visit: NASA Acquisition Internet Service (NAIS)

VIRGINIA

Langley Research Center — Hampton, VA
Wallops Flight Facility — Wallops Island, VA

32,739
NASA Jobs Supported

There are 2,477 NASA federal jobs and 16,594 contractors* in the state of Virginia.

For every NASA federal job located in Virginia, an additional 12.2** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA federal jobs, an additional $4.6** million worth of output is sustained throughout the state economy.

* Represents NASA contractor employees and employees in the supply chain of those contractors.

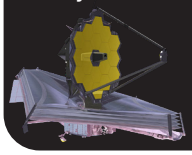
** Multiplier based on IMPLAN Input Output (I-O) model. To learn more, please visit: https://blog.implan.com/understanding-implan-multipliers

NASA Astronauts

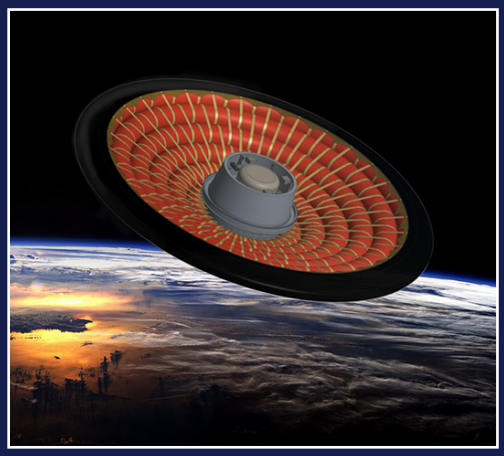
Ken Bowersox
David Brown
Andre Douglas**
Joe Edwards
Guy Gardner
Leland Melvin
Bill Oefelein
John Phillips
Robert "Bobby" Satcher
Mark Vande Hei*
Peter J.K. (Jeff) Wisoff

* Current
** Candidate

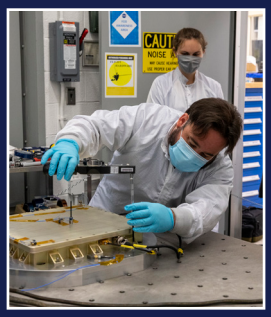
James Webb Space Telescope
Cycle 1 Hours of Access



Virginia Institutions
879 Hours



NASA's Low-Earth Flight Test of an Inflatable Decelerator (LOFTID) demonstrated a cross-cutting aeroshell — a type of heat shield — for atmospheric re-entry.



Langley scientists and their partners create tools for studying the atmospheric and energy systems that drive Earth's weather and changing climate.

NASA's aeronautics researchers find ways to fly that are faster, cheaper, safer, and cleaner. They also build systems that will help drones take on jobs from package delivery to search and rescue.

NASA has developed and made available to industry an autonomous flight termination unit that is opening up launch opportunities for small commercial providers at Wallops and at other federal launch ranges. This technology is a requirement for DOD launches beginning in 2025, and is already enabling U.S. launches for Rocket Lab.

The FY21 LaRC budget was $864 million.

The FY21 WFF budget was $289.5 million.

For more information about the Economic Impact Report for your state, go to:

National Aeronautics and Space Administration

NASA Headquarters
300 E Street, SW
Washington, DC 20546

www.nasa.gov/centers

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