National Aeronautics and Space Administration

A Productive Alliance

Louisiana and NASA

Louisiana plays an integral role in NASA's mission. Over the years, successful partnerships between NASA and Louisiana's industry and academia have benefited the Pelican State, the U.S. Space Program, and America's continuing quest to explore our universe and better our lives here on Earth. The **Michoud Assembly Facility** (MAF) in New Orleans is an 832-acre site that produces the External Tank for the Space Shuttle.

Louisiana's Role in Project Constellation

NASA continues to foster its strong relationship with Louisiana's academic, business, and industry sectors as we continue to bring Project Constellation to reality. Building on the successes of the Apollo and Space Shuttle missions, the Orion Crew Exploration Vehicle and the Ares I & V rockets will be the next generation space vehicles that will return humans to the moon and later take them to Mars and other destinations.

MAF is the lead facility on the Ares I's sea-level development, certification and acceptance testing for flight upper stage assembly and upper stage engine and main propulsion testing, including facility modifications and test operations. The facility is also the lead for altitude development and certification testing for the upper stage engine. Additionally, MAF is responsible for focused program management and integration for rocket propulsion testing.

Other NASA Activities in Louisiana

On February 15, 2007, Mr. Dave King, Director of NASA's Marshall Space Flight Center, signed a 5-year Memorandum of Understanding (MOU) with Louisiana stating that NASA will work with the state on new research and development initiatives at MAF that will lead to new investments, new jobs, and the attraction of new technology companies. The MOU includes possible funding for construction of new buildings and equipment at MAF. It will also include possible development of an unused 200-acre area at MAF to house tech companies and other public and private entities conducting research in space exploration and other initiatives.

NASA and Louisiana

Educating, Innovating, and Exploring

Nurturing education—and educators—aids NASA missions and provides incalculable value to Louisiana's youth. Through these efforts, NASA powers inspiration that encourages future generations to explore, learn, and build a better future. The Agency's emphasis on education is seen through its generous commitments to educational institutions in the state.

Space Grant Consortium and EPSCoR

NASA's academic grants and contracts fund a variety of programs in Louisiana including research, education, and outreach. **Louisiana State University** is part of the Space Grant Consortium, a coalition between NASA, Louisiana colleges and universities, and other institutions representing aerospace education and research activities.

As the lead institution in the state, **Louisiana State University** is part of the Experimental Program to Stimulate Competitive Research (EPSCoR), which focuses exclusively on building research infrastructures and promoting research capability enhancements in the participating states. The goal of EPSCoR is to develop academic research enterprises that are long term, self-sustaining, and nationally competitive.

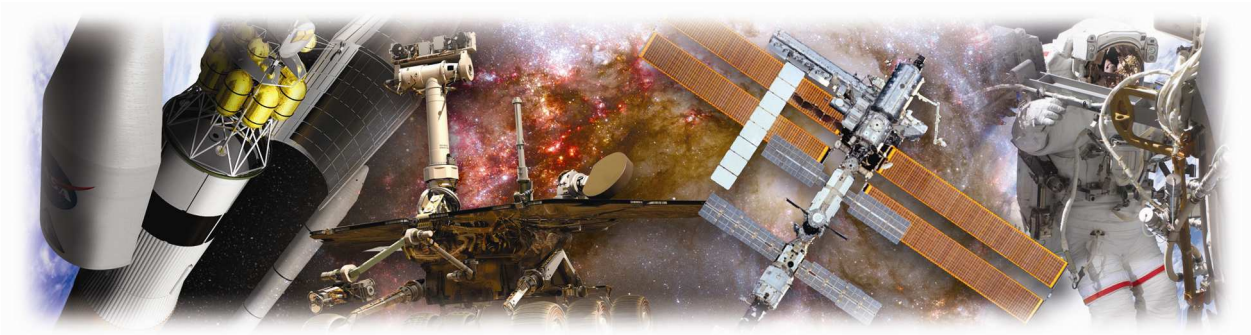
NASA Explorer Schools in Louisiana

NASA supports preparatory education through the NASA Explorer Schools (NES) program. The NES program establishes a three-year partnership between NASA and local schools to bring NASA's engaging mathematics, science, and technology learning to educators, students, and families. Currently, **Church Point Middle School** in Church Point, and **Broadmoor Middle Laboratory School** and **C.E. Byrd High School** in Shreveport are participating in the program. **Baker Middle School** and **Park Ridge Elementary School** in Baker, **Belle Chasse Academy** in Belle Chasse and **H.V. Adams Elementary** in Bastrop are previous participants.

Astronauts with ties to Louisiana

Current: Capt. Dominic Gorie; Lt. Col. Douglas Hurley

Former: Dr. Daniel Barry; Col. James Halsell, Jr.



Fiscal Year 2008 Obligations

Total Obligations for Louisiana

Business	$377,838,497
Large Business	$377,937,467
8(a) Program	$24,978
Woman Owned Business	$40,308
Education	$2,862,611
Historically Black Colleges and Universities	$690,641
Government	$746,193
Non-Profit Institutions	$5,000

Louisiana-Based NASA Business Contracts Exceeding $17k

Contractor	Location	Contracts	Obligations
Air Liquide Industrial US	New Orleans	2	$244,805
BOC Group Incorporated	New Orleans	1	$310,073
DeepSouth Hardware Solutions	Hammond	2	$17,836
Lockheed Martin	New Orleans	4	$377,750,224
Rack-Wildner & Reese	New Orleans	1	$25,752
Rede Incorporated	Metairie and New Orleans	2	$24,978

Louisiana-Based NASA Education Funding

School	Location	Obligations
Administrators of the Tulane Educational Fund	New Orleans	$453,635
Board of Supervisors of La State University	Baton Rouge	$748,000
Louisiana State University	Baton Rouge	$997,140
University of Louisiana at Lafayette	Lafayette	$19,591

For more procurement data, visit http://prod.nais.nasa.gov/cgi-bin/npms/map.cgi.

National Aeronautics and Space Administration

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HQ-OLIA-04-2009-LA