



FAA
Commercial Space Transportation

FUNDING RESOURCES FOR LAUNCH VEHICLE AND SPACEPORT TECHNOLOGY RESEARCH AND DEVELOPMENT

OCTOBER 2006



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The Federal Aviation Administration, Office of Commercial Space Transportation, licenses and regulates U.S. commercial space launch and reentry activity as well as the operation of non-federal launch and reentry sites as authorized by Executive Order 12465 and Title 49 United States Code, Subtitle IX, Chapter 701 (formerly the Commercial Space Launch Act). The Office's mission is to ensure public health and safety and the safety of property while protecting the national security and foreign policy interests of the United States during commercial launch and reentry operations. In addition, the Office is directed to encourage, promote, and facilitate commercial space launches and reentries. Additional information concerning commercial space transportation can be found at <http://ast.faa.gov>.

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Introduction

The Funding Resources for Launch Vehicle and Spaceport Technology Research and Development document is a tool designed to assist launch vehicle developers and launch sites operators identify potential sources of government and private sector funding to support their efforts. This report lists a wide range of funding sources, ranging from grants to private investment opportunities, available from state and federal governments, private foundations, and venture capital (VC) firms.

This report consists of four sections. The Funding Sources section provides details about each funding opportunity, including the activities funded, purpose of grant, amount offered, funding schedule, eligibility, deadlines, recurrence, and any additional comments. Opportunities are grouped by type of funding: federal, state, and foundation. The Contact Information for Funding Sources section provides telephone, email, and other contact information for the funding sources listed in the previous section. The Space Grant Consortia section lists all 52 Space Grant Consortia in the United States. These consortia represent over 550 affiliated organizations, including more than 350 colleges and universities, which administer NASA funding for research, education, and public service. The Venture Capital Resources section offers information on VC search services and any associated fees.

The number of funding resources specifically devoted to launch vehicle and spaceport technology development efforts is limited, so broader opportunities whose scope may include launch vehicle and launch site projects are included in this report. This list of resources should not be considered exhaustive. Additional funding sources may exist that exceed the scope of this document.

The funding resources listed in this report and the information provided for each of them is current as of October 4, 2006. The Appendix provides a complete list of organizations consulted for this report.

Funding Sources

Federal Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
NASA	NASA-Ames University Consortium Agreement	Aerospace operations systems and aviation systems capacity. Thermal protection materials and systems. Arc-jet testing. Runway independent aircraft. Flight simulation and wind tunnel facilities and testing.	Joint Research Interchange (JRI). Joint Research Interchanges are arrangements under the NASA - Ames University Consortium. Faculty and students work with Ames scientists on projects of mutual interest, such as aeronautics, life sciences, information technology, planetary and space sciences, astronomy and applications of science and technology to national needs. Through a JRI, universities may be partially reimbursed for costs of their participation in such research activities.	
NASA	STTR (Small Business Technology Transfer)	Space power and propulsion. Component development for deep throttling space propulsion engines. Rocket propulsion testing systems. (FY2006 financed fields for Phase I)	STTR topics and subtopics focus on needs associated with the core competencies of NASA's centers in support of NASA mission programs.	\$12.5M (FY 2006)
NASA	SBIR (Small Business Innovation Research)	Aeronautics research. Lightweight structures and materials. Airspace systems. Propulsion and propellant storage. Space transportation. (FY2006 financed fields for Phase I)	The SBIR solicitations are produced in partnership with NASA's Mission Directorates and centers to focus on the agency's priority mission needs. These needs, updated annually, are organized under topics and subtopics. Proposals eligible for award must address one or more needs within a subtopic.	\$107.5M (FY 2006)
NASA	Graduate Student Research Program (GSRP)			\$7.2M

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
Max for 2 years. Not more than \$95,000 / award year / JRI	Universities		Annual	No specific field indicated for funding, but AMES center does research, among others, in the areas described in "type of activity financed".
Phase I -1 year- no more than \$100,000 / project / phase. Phase II -2 years- no more than \$600,000 / project / phase	Small businesses: To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens. The firm, including any affiliates, can have no more than 500 employees. A SBIR or STTR contract is between NASA and a small business. A STTR contract must include a cooperative agreement between the firm and a nonprofit research institute such as a university or a research laboratory.		Annual	Participation in Phase II and Phase III is conditional upon by being an awardee of previous Phase(s). Phase III funds are not from STTR. Solicitation fields are published each year, in July, when the competition is open (On July 7, 2006 solicitation for Phase I opened and on September 7, 2006 the solicitation period closed). Amounts and fields for funding for Phase I may vary each year.
Phase I -6 months- no more than \$100,000 / project / phase; Phase II - 2 years- no more than \$600,000 / project / phase	Small businesses: To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens. The firm, including any affiliates, can have no more than 500 employees. A SBIR or STTR contract is between NASA and a small business.		Annual	Participation in Phase II and Phase III is conditional upon by being an awardee of previous Phase(s). Phase III funds are not from SBIR. Solicitation fields are published each year, in July, when the competition is open (On July 7, 2006 solicitation for Phase I opened and on September 7, 2006 the solicitation period closed). Amounts and fields for funding for Phase I may vary each year.
Multiple awards (average of 300/year) of \$24,000 (\$18,000 student stipend, \$3,000 as student allowance, and \$3,000 as university allowance)	Students working on their Masters and Ph.D, and graduating seniors accepted into a graduate program. US citizenship is required.	Deadline posted on the GSRP Website. It varies each year (February 1 was 2006 deadline).	Annual	Research areas are published each year by each NASA Center. The GSRP website gives an opportunity to search for different areas within different centers.

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
DoD	SBIR/Air Force	Propulsion. Composites. Materials. Avionics and related technologies.	Initial development of selected launch vehicle technologies of specific interest to the Air Force.	\$345M (FY 2006)
DoD	SBIR/OSD	Solid rocket motors and related technologies.	Initial development of selected launch vehicle technologies of specific interest to OSD.	\$51M (FY 2006)
DoD	SBIR/MDA	Avionics and related technologies.	Initial development of selected launch vehicle technologies of specific interest to MDA.	\$119M (FY 2006)
DoD	SBIR/DARPA	Propulsion. Composites. Materials. Avionics and related technologies.	Initial development of selected launch vehicle technologies of specific interest to DARPA.	\$67.5M (FY 2006)
DoD	STTR/Air Force	Propulsion. Composites. Materials. Avionics and related technologies.	Initial development of selected launch vehicle technologies of specific interest to the Air Force.	\$37M (FY 2006)
DoD	STTR/OSD	Advanced space launch technology	Initial development of selected launch vehicle technologies of specific interest to OSD.	\$4.6M (FY 2006)
DoD	STTR/MDA	Advanced space launch technology	Initial development of selected launch vehicle technologies of specific interest to MDA.	\$14.3M (FY 2006)
DoD	STTR/DARPA	Propulsion. Composites. Materials. Avionics and related technologies.	Initial development of selected launch vehicle technologies of specific interest to DARPA.	\$8M (FY 2006)

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
Phase I: up to \$100,000 for no more than 9 months/ project. Phase II: up to \$375,000 (base) plus up to \$375,000 (option) for no more than 2 years.	U.S.-based for-profit small businesses with fewer than 500 employees.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$100,000 for no more than 6 months/ project. Phase II and III negotiated.	U.S.-based for-profit small businesses with fewer than 500 employees.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$100,000 for no more than 6 months/ project. Phase II: up to \$750,000 for 2 years.	U.S.-based for-profit small businesses with fewer than 500 employees.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$99,000. Phase II: up to \$375,000 (base) plus up to \$375,000 (option)	U.S.-based for-profit small businesses with fewer than 500 employees.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$99,000. Phase 2: up to \$375,000 (base) plus up to \$375,000 (option)	U.S.-based for-profit small businesses with fewer than 500 employees, working cooperatively with universities and other research institutions.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$100,000 for no more than 12 months/ project. Phase II: up to \$750,000 for 2 years.	U.S.-based for-profit small businesses with fewer than 500 employees, working cooperatively with universities and other research institutions.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$100,000 for no more than 12 months/ project. Phase II: up to \$750,000 for 2 years.	U.S.-based for-profit small businesses with fewer than 500 employees, working cooperatively with universities and other research institutions.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.
Phase I: up to \$99,000. Phase II: up to \$375,000 (base) plus up to \$375,000 (option)	U.S.-based for-profit small businesses with fewer than 500 employees, working cooperatively with universities and other research institutions.		Annual	Specific projects, amounts of funding and deadlines vary from solicitation to solicitation.

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
NSF	SBIR	Biotechnology. Electronics. Information Technology. Emerging Opportunities. (Current fields for funding)	The solicitation will open November 4, 2006. A more detailed description of the field of funding will be included in the solicitation.	\$12.5M for SBIR Phase I (FY 2007)
NSF	STTR	Biotechnology. Electronics. Information Technology. Emerging Opportunities. (Current fields for funding)	The solicitation will open November 4, 2006. A more detailed description of the field of funding will be included in the solicitation.	\$3.75M for STTR Phase I (estimated FY 2007, depending on funding availability).

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
<p>NSF SBIR Phase I awards are made for a maximum of \$100,000/ project. Phase I lasts 6 months. SBIR Phase II awards are made for a maximum of \$500,000/ project. Phase II is expected to last 2 years. An additional supplemental award (Phase IIB) will be made to eligible SBIR Phase II grantees. The total cumulative award for Phase II plus Phase IIB typically does not exceed the legislative maximum of \$1M. Total duration of Phase II and IIB cannot be longer than 4 years.</p>	<p>Small businesses: To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens or at least 51% owned and controlled by another for-profit business concern that is at least 51% owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States. The firm applying for funds, including any affiliates, can have no more than 500 employees.</p>	<p>June 13, 2006 (deadline for proposal submission for part of FY 2007 funds). December 4, 2006 (upcoming deadline for part of FY 2007 funds)</p>	<p>Annual</p>	<p>Tuition costs are not supported costs under a SBIR/STTR grant. Only those NSF SBIR/STTR Phase I grantees that have submitted Phase I final reports (that have been accepted by the SBIR program manager) are eligible to submit SBIR/STTR Phase II proposals to NSF. Phase III follow-on funding uses non-SBIR and usually non-Federal funding for commercial application of the research supported by NSF under Phases I and II. For an SBIR Phase I Proposal, a minimum of two-thirds of the research, as measured by the budget, must be performed by the small business concern and the balance may be outsourced to a consultant or subcontractor or a combination of the two. Deadline for proposal submission varies each year and it is posted on NSF SBIR/STTR webpage. Depending on the fund allocation, there may be more periods within a year when funding is available.</p>
<p>NSF STTR Phase I awards are made for a maximum of \$100,000-\$150,000/ project. Phase I lasts 1 year. STTR Phase II awards are made for a maximum of \$500,000/ project. Phase II is expected to last 2 years. An additional supplemental award (Phase IIB) will be made to eligible SBIR Phase II grantees. The total cumulative award for Phase II plus Phase IIB typically does not exceed the legislative maximum of \$1M. Total duration of Phase II and IIB cannot be longer than 4 years.</p>	<p>Small businesses: To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens or at least 51% owned and controlled by another for-profit business concern that is at least 51% owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States. The firm applying for funds, including any affiliates, can have no more than 500 employees. STTR requires that the small business has a non-profit research institution partner in order to be able to apply for STTR funds.</p>		<p>Annual</p>	<p>Tuition costs are not supported costs under a SBIR/STTR grant. NSF does not consider tuition costs research or research and development. Only those NSF SBIR/STTR Phase I grantees that have submitted Phase I final reports (that have been accepted by the SBIR program manager) are eligible to submit SBIR/STTR Phase II proposals to NSF. Phase III follow-on funding uses non-SBIR and usually non-Federal funding for commercial application of the research supported by NSF under Phases I and II. A minimum of 40 percent of the budget must be allocated to the small business concern, and a minimum of 30 percent of the budget must be allocated to the cooperating research institution. Deadline for proposal submission varies each year and it is posted on NSF SBIR/STTR webpage. Depending on the fund allocation, there may be more periods within a year when funding is available.</p>

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
NSF		Biology. Computer and information science and engineering. Cyberinfrastructure. Education. Engineering. Environmental research. Geosciences. International. Math. Physical sciences. Polar research. Social, behavioral, economic sciences.	Different purposes depending on the NSF research interest.	
DoE	Inventions & Innovations (I&I) of the DOE's Industrial Technologies Program (ITP)	Development of energy saving technologies under the provisions of Section 14 of the Federal Non-Nuclear Energy Research and Development Act of 1974, Public Law 93-577.	The I&I Program is seeking applications for energy-saving technologies in the conceptual (Category 1), and developmental (Category 2) stages of development as defined in Appendix D "Summary Definitions of Stages of Development" on the DOE's website. Projects that reduce energy consumption and have future commercial markets may be eligible for financial and technical support through this competitive funding opportunity process. I&I provides grantees not only with funding, but also with additional resources such as training, market assessments, technical assistance, access to promotional events and materials, and special contacts to aid in commercialization endeavors.	\$2M (FY 2006)

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
	<p>Scientists, engineers or educators in the U.S. and U.S. citizens may be eligible for support, provided that the individual is not employed by, or affiliated with, an organization and the proposed project respects a few conditions mentioned on the NSF funding website. Except for NSF fellowships, which by statute can be made only to citizens, nationals, or lawfully admitted permanent resident aliens of the United States, there generally are no nationality restrictions in any NSF program. NSF will consider proposals for cooperative projects involving U.S. and foreign organizations, provided support is requested only for the U.S. portion of the collaborative effort.</p>		Ongoing	<p>NSF has an ongoing program of grants and the fields are open for competition based on the NSF research needs. Information on the deadlines, amounts offered, eligibility for funding are provided on an individual basis, for each funding opportunity. All the information can be found on the NSF funding website where the funding opportunities can be searched by field and subfield.</p>
<p>Category 1 awards may cover a project period of up to one year. Category 2 awards will be approximately for two years. Awards range between \$25,000 and \$250,000/ award.</p>	<p>Independent inventors and small companies with sound ideas for energy efficiency technologies.</p>		Annual; Semi-annually	<p>The I&I Program requires pre-applications. Pre-applications are evaluated against the published criteria and program policy factors, and only selected ones are eligible to submit full-applications in response to this funding opportunity. Awardees are monitored annually until their technologies are retired from the market or they abandon their efforts. Licensees are monitored as long as the technology remains on the market. I&I releases funding announcements once or twice a year. Information on the deadline for the upcoming funding opportunities not yet available on the I&I website.</p>

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
DoE	SBIR	Energy production (fossil, nuclear, renewable, and fusion energy). Energy use. Fundamental energy sciences (materials, life, environmental, and computational sciences, and nuclear and high energy physics). Environmental management. Nuclear nonproliferation.	To facilitate research for providing a diverse supply and reliable, affordable, and environmentally sound energy. The research fields include areas of interest for space launch vehicles and spaceport operations.	\$102M (FY 2005)
DoE	STTR	Energy production (fossil, nuclear, renewable, and fusion energy). Energy use. Fundamental energy sciences (materials, life, environmental, and computational sciences, and nuclear and high energy physics). Environmental management. Nuclear nonproliferation.	To facilitate research for providing a diverse supply and reliable, affordable, and environmentally sound energy. The research fields include areas of interest for space launch vehicles and spaceport operations.	\$12M (FY 2005)

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
Phase I -9 months- up to \$100,000/ phase/ project. Phase II - 2 years- up to \$750,000/ phase/ project. Current opening offers \$36M for Phase I award for both SBIR and STTR.	Small businesses: To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens, including partnerships, associations etc. The firm, including any affiliates, can have no more than 500 employees and has to meet the other regulatory requirements found in 13 CFR Part 121.	December/ January (For current open application for Phase I: November 21, 2006)	Annual	Grant applications submitted by small businesses must respond to a specific topic and subtopic during an open solicitation. Phase I explores the feasibility of innovative concepts. Phase II is the principal R&D effort. Only Phase I award winners may compete for Phase II. There is also a Phase III, in which non-Federal capital is used by the small business to pursue commercial applications of the R&D. Also under Phase III, Federal agencies may award non-SBIR/STTR-funded, follow-on grants or contracts for products or processes that meet the mission needs of those agencies, or for further R&D. The information on the upcoming solicitation and deadline is published on the DOE SBIR website, once the information is available. Usually the release of solicitations is in September/October. Requests for solicitations for Phase I is currently open.
Phase I -9 months- up to \$100,000/ phase/ project. Phase II - 2 years- up to \$750,000/ phase/ project. Current opening offers \$36M for Phase I award for both SBIR and STTR.	Small businesses; To be eligible for either the SBIR or STTR programs, a small business must be organized for profit and independently owned and operated in the U.S., by U.S. citizens or permanent resident aliens, including partnerships, associations etc. The firm, including any affiliates, can have no more than 500 employees and has to meet the other regulatory requirements found in 13 CFR Part 121. STTR projects must involve substantial (at least 30%) cooperative research collaboration between the small business and a non-profit research institution such as a university or a research laboratory.	December/ January (For current open application for Phase I: November 21, 2006)	Annual	Grant applications submitted by small businesses must respond to a specific topic and subtopic during an open solicitation. Phase I explores the feasibility of innovative concepts. Phase II is the principal R&D effort. Only Phase I award winners may compete for Phase II. There is also a Phase III, in which non-Federal capital is used by the small business to pursue commercial applications of the R&D. Also under Phase III, Federal agencies may award non-SBIR/STTR-funded, follow-on grants or contracts for products or processes that meet the mission needs of those agencies, or for further R&D. The information on the upcoming solicitation and deadline is published on the DOE SBIR website, once the information is available. Usually the release of solicitations is in September/October. Requests for solicitations for Phase I is currently open.

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
FAA	Grants for Aviation Research: Program Solicitation No. FAA-06-01	Capacity and air traffic control technology. Communications, navigation, and surveillance. Aviation weather. Airports. Aircraft safety technology. Human factors and aviation medicine. Environment and energy. Systems science/ operations research. Commercial space transportation.	Grants target research projects that support the planning and implementation of results that address the growing needs of commercial space industry, that assist in improving launch capacity, reduce operating costs and improve the international competitiveness of the industry. Launch vehicle and spaceport technology development are included in the research interests above.	
Multiple Government Agencies		Diverse fields of research depending on the interests of the funding organization. Launch vehicle and spaceport technology development can be among the fields funded by various grants.		Varies depending on funding organization

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
	<p>In general, colleges, universities, and other non-profit research institutions are eligible to qualify for research grants in all specified areas. The eligibility of applicants for the award of a research grant varies depending upon the nature of the proposer's organization as well as the character of work one proposes to perform.</p>	<p>January 1, 2012</p>	<p>Ongoing</p>	<p>Proposals for education, training, or airport development are not supported under this program. The FAA expects that grantees will share in the costs at a level that reflects their interest in the research, the potential benefits they may derive, and their ability to share in the cost of the project. A cost share offer by a prospective grantee may be a significant factor in FAA's funding decision. Nearly all FAA research grants and cooperative agreements are funded out of the project funds of the FAA's individual RE&D programs. Proposals must be approved and recommended by the RE&D program managers if they are to be funded. For this reason, the grant-seeking organization is recommended to make contact with the appropriate FAA RE&D Program Manager to discuss research plans and goals before preparing an official grant proposal.</p>
			<p>Ongoing</p>	<p>Multiple and diverse grants from Government Agencies appear on this website, sometimes this site being the only one providing all the detailed information about a particular grant. Periodical checking of this website may reveal open competitions that can represent funding sources for spaceport and launch vehicle technology development.</p>

State Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
University-Affiliated Spaceport Technology Development Contract (USTDC)	Space Research and Technology Institute (SRTI)	Advanced spaceport and range technologies	Led by the University of Central Florida, the consortium of universities will perform applied research by matching research projects (talents) with collaborative funding opportunities focused on space-related technology development.	
Florida Aerospace Finance Corporation (FAFC)	State of Florida	Loan facilitations, loan guarantee	Commitment for financial assistance from the FAFC depends on the size and the character of the transaction being financed, how the project relates to the particular borrower, the nature of the undertaking, and the individual borrower. Financing is available for various aerospace related projects, including launch vehicle and spaceport technology developments.	

Foundation Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Type of Activity Financed	Brief Description of Purpose of Grant/ Funding	Total Amount Offered
Florida High Tech Corridor Council (FHTCC)	Matching Grants Research Program	Aviation and Aerospace	FHTCC's Matching Grants Research Program is managed on the three university campuses by a committee of university researchers and Council partners. FHTCC reviews and approves proposals on a year-round basis. The three universities are University of Central Florida, University of South Florida, and University of Florida.	Over \$43M since 1996
W.M. Keck Foundation	Science and Engineering Research and Medical Research	Science and engineering research	Supporting pioneering discoveries in medicine, science and engineering by funding the work of leading researchers and the purchase of sophisticated instruments.	

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
No phases	University affiliated individuals, companies and research institutes.		Ongoing	In addition to SRTI money, USTDC can offer access to Kennedy Space Center's facilities and expertise. Sometimes they have solicitations and there can be deadlines.
	Florida domiciled and registered companies that support the aerospace industry.	No deadline	Ongoing	No specific field for financing. Ongoing acceptance of applications, as long as the funding will be used for aerospace-related development. Launch services and/or product assembly must be in Florida, if the financing is used for such services/products.

Funding Schedule (Total Value vs. Phases)	Eligibility for Funding	Deadline	Recurrence	Comments
Visit individual managing university website for details on number of grants/year and value range.	Companies: The company must be located in Florida's 23-county high technology corridor and must be able to match the amount of the award provided for research by the FHTCC participating university. Small businesses are preferred.	Visit individual managing university website.	Annual	This is a matching program for technology research. Applicants must visit the websites of the three managing universities for specific application details. Links to their websites available from FHTCC website. Winners conduct research in partnership with the managing university faculty and students.
Phased. Differs from grant to grant.	U.S. accredited universities, colleges, medical schools and major, independent scientific and medical research institutions.		Semi-annually	Cutting edge technologies, including in the space-related research areas.

Contact Information for Funding Sources

Federal Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Contact information			
		Webpage	Address	Email	Telephone/Fax
NASA	NASA-Ames University Consortium Agreement	http://server-mpo.arc.nasa.gov/Services/Grants/Docs/index.html	Office of University Affairs NASA-Ames Research Center JAC:241-1 Moffett Field, CA 94035-1000		Phone: (650) 604-5802 Fax: (650) 604-4646
NASA	STTR (Small Business Technology Transfer)	http://sbir.gsfc.nasa.gov/SBIR/SBIR.html	NASA SBIR/STTR Program Management Office Code 408, Goddard Space Flight Center Greenbelt, MD 20771-0001	sbir@reisys.com	Phone: (301) 937-0888 Fax: (301) 937-0204
NASA	SBIR (Small Business Innovation Research)	http://sbir.gsfc.nasa.gov/SBIR/SBIR.html	NASA SBIR/STTR Program Management Office Code 408, Goddard Space Flight Center Greenbelt, MD 20771-0001	sbir@reisys.com	Phone: (301) 937-0888 Fax: (301) 937-0204
NASA	Graduate Student Research Program (GSRP)	http://fellowships.hq.nasa.gov/gsrp/program/	Dr. Katie Blanding Office of Education NASA Headquarters Washington, DC 20546	katie.blanding@nasa.gov	Phone: (202) 358-0402 Fax: (202) 606-0122
DoD	SBIR/Air Force	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	SBIR/OSD	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	SBIR/MDA	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	SBIR/DARPA	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	STTR/Air Force	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	STTR/OSD	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	STTR/MDA	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
DoD	STTR/DARPA	http://www.acq.osd.mil/osbp/sbir/			Phone: (866) 724-7457
NSF	SBIR	http://www.nsf.gov/eng/sbir/	National Science Foundation - SBIR/ STTR Program 4201 Wilson Blvd., Room 590 Arlington, VA 22230	sbir@nsf.gov	Phone: (703) 292-8050
NSF	STTR	http://www.nsf.gov/eng/sbir/	National Science Foundation - SBIR/ STTR Program 4201 Wilson Blvd., Room 590 Arlington, VA 22230	sbir@nsf.gov	Phone: (703) 292-8051
NSF		http://www.nsf.gov/funding/	4203 Wilson Blvd., Room 590 Arlington, VA 22230		Phone: (703) 292-5111
DoE	Inventions & Innovations (I&I) of the DOE's Industrial Technologies Program (ITP)	http://www.eere.energy.gov/inventions/about.html	U.S. Department of Energy - Inventions and Innovation 1000 Independence Ave, SW Washington, DC 20585-0121		Phone: (202) 586-2212 Fax: (202) 586-7114
DoE	SBIR	http://www.science.doe.gov/sbir		sbir-sttr@science.doe.gov	Phone: (301)-903-1414 Fax: (301)-903-5488
DoE	STTR	http://www.science.doe.gov/sbir		sbir-sttr@science.doe.gov	Phone: (301)-903-1414 Fax: (301)-903-5489

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Contact information			
		Webpage	Address	Email	Telephone/Fax
FAA	Grants for Aviation Research; Program Solicitation No. FAA-06-01	http://www.tc.faa.gov/logistics/grants	Federal Aviation Administration William J. Hughes Technical Center Atlantic City International Airport, NJ 08405		
Multiple Government Agencies		http://www.grants.gov			

State Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Contact information			
		Webpage	Address	Email	Telephone/Fax
University-Affiliated Spaceport Technology Development Contract (USTDC)	Space Research and Technology Institute (SRTI)	http://ustdc.com	ASRC Aerospace Corporation P.O. Box 21087 Kennedy Space Center, Florida 32815-0087		
Florida Aerospace Finance Corporation (FAFC)	State of Florida	http://www.floridaspacefinance.com/	Florida Aerospace Finance Corporation 403 Brevard Avenue, Suite 1 Cocoa, Florida 32922		Phone: (321) 690-3397 Fax: (321) 690-3394

Foundation Funding

Funding Organization Name	Program/Branch within Agency (AF, Navy etc. for DoD)	Contact information			
		Webpage	Address	Email	Telephone/Fax
Florida High Tech Corridor Council (FHTCC)	Matching Grants Research Program	http://floridahightech.com/initiatives/matchingGrants.html	Florida High Tech Corridor Council 801 International Parkway 5th Floor Lake Mary, FL 32746		Phone: (407) 562-1910 Fax: (407) 562-1717
W.M. Keck Foundation	Science & Engineering Research and Medical Research	http://www.wmkeck.org/index.html	W.M. Keck Foundation 550 South Hope Street Suite 2500 Los Angeles, CA 90071	info@wmkeck.org	Phone: (213) 680-3833

Space Grant Consortia

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Alabama	Alabama Space Grant Consortium (ASGC)	ASGC Director, Dr. John Gregory UAH, MSB 205, Huntsville, AL 35899, Phone: 256-824-6028 Program Office - Debora Nielson Phone (256)824-6800 Fax (256)824-6061	http://www.uah.edu/ASGC/index.php
Alaska	Alaska Space Grant Program (ASGP)	Alaska Space Grant Program University of Alaska Fairbanks Duckering Hall 269 306 Tanana Loop (907) 474-6833 fyspace@uaf.edu	http://www.uaf.edu/asgp/index.htm
Arizona	Arizona Space Grant Consortium (AZSGC)	AZSGC Statewide/UA Space Grant Office Room 345 Lunar and Planetary Laboratory The University of Arizona 1629 E. University Blvd. Tucson, Arizona 85721-0092 Phone: (520) 621-8556 E-mail: sbrew@pl.arizona.edu	http://spacegrant.arizona.edu/
Arkansas	Arkansas Space Grant Consortium	ASGC Office Phone: (501) 569-8212 Email: asgc@ualr.edu	http://asgc.ualr.edu/
California	California Space Grant Consortium (CaSGC)	California Space Grant Consortium University of California, San Diego 9500 Gilman Drive, Dept. 0524 La Jolla, CA 92093-0524 Phone: (858) 822-1587 Fax: (858) 534-7840	http://calspace.ucsd.edu/casgc/
Colorado	Colorado Space Grant Consortium (COSGC)	Chris Koehler Director, Space Grant College Campus Box 520 Boulder, CO 80309-0520 (303) 492-4750 koehler@colorado.edu	http://spacegrant.colorado.edu/
Connecticut	Connecticut Space Grant College Consortium	Consortium Office 200 Bloomfield Avenue West Hartford, CT 06117 Phone: 860-768-4813 Fax 860-768-5073 Email: ctspgrant@hartford.edu	http://uhaweb.hartford.edu/CTSPGRANT/
Delaware	Delaware Space Grant College and Fellowship Program	Delaware Space Grant Consortium Program Office Bartol Research Institute, 106 Sharp Lab University of Delaware Newark, DE 19716 Phone: (302) 831-1094 Fax: (302) 831-1843 Email: desgc@bartol.udel.edu	http://www.delspace.org/
District of Columbia	District of Columbia Space Grant Consortium (DCSGC)	District of Columbia Space Grant Consortium c/o American University Department of Computer Science, Audio Technology & Physics 4400 Massachusetts Avenue, N.W. McKinley Building, Suite 102 Washington, DC 20016-8058 Phone: (202) 885-2755 Fax:(202) 885-2723 Email: SpaceGrant@aol.com	http://www.dcspacegrant.org/?reload
Florida	Florida Space Grant Consortium (FSGC)	Florida Space Grant Consortium Mail Stop: FSGC Center for Space Education Bldg. M6-306, Room 7010 Kennedy Space Center, FL 32899 Tel: (321) 452-4301 Fax: (321) 449-0739 Email: fsgc@mail.ucf.edu	http://fsgc.engr.ucf.edu/index2.html
Georgia	Georgia Space Grant Consortium (GSGC)	Georgia Space Grant Consortium Georgia Institute of Technology Aerospace Engineering Paul Weber Space Science and Technology Bldg - Room 210 Atlanta, GA 30332-0150 Phone: (404) 894-0521 Fax: (404) 894-9313	http://www.ae.gatech.edu/organizations/gsgc/
Hawaii	Hawai'i Space Grant Consortium	Hawaii Space Grant Consortium Hawaii Institute of Geophysics and Planetology School of Ocean and Earth Science and Technology University of Hawai'i at Manoa 1680 East-West Road, POST 501 Honolulu, HI 96822 Phone: 808-956-3138 Fax: 808-956-6322 Email: mars@higp.hawaii.edu	http://www.spacegrant.hawaii.edu/
Idaho	Idaho Space Grant Consortium (ISGC)	Idaho Space Grant Consortium College of Engineering, JEB B40 University of Idaho P.O. Box 441011 Moscow, ID 83844-1011	http://isgc.uidaho.edu/

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Indiana	Indiana Space Grant Consortium	Indiana Space Grant Consortium 550 Stadium Mall Drive West Lafayette, IN 47907 Phone: 765-494-5873 Fax: 765-494-1299	http://www.insgc.org/
Iowa	Iowa Space Grant Consortium	Iowa Space Grant Consortium 2271 Howe Hall, Room 2365 Ames, IA 50011-2271 Toll Free: 800-854-1667 Phone: 515-294-3106 Fax: 515-294-3361 Email: isgc@iastate.edu	http://cosmos.ssol.iastate.edu/isgc/
Kansas	Kansas Space Grant Consortium (KSGC)	Kansas Space Grant Consortium University of Kansas, Learned Hall 1530 W. 15th Lawrence Kansas 66045-7609 Phone: 785-864-7401 Fax: 785-864-3361 Email: KSGC@NASAINKANSAS.org	http://www.nasainkansas.org/
Kentucky	Kentucky Space Grant Consortium	Kentucky Space Grant Consortium Western Kentucky University, Department of Physics and Astronomy, TCCW 246 1906 College Heights Boulevard #11077 Bowling Green, KY 42101-1077 Phone: (270) 745-4156/4044/4357	http://www.wku.edu/ksgc/
Louisiana	Louisiana Space Consortium	Louisiana Space Consortium (LaSPACE) Department of Physics and Astronomy 371 Nicholson Hall Louisiana State University Baton Rouge, LA 70803-4001 Phone: 225-578-8697 Fax: 225-578-1222 E-mail: laspace@lsu.edu	http://laspace.lsu.edu/welcome.html
Maine	Maine Space Grant Consortium	Maine Space Grant Consortium 87 Winthrop Street, Suite 200 Augusta, ME 04330 Fax: (207) 622-4548	http://www.msgc.org/
Maryland	Maryland Space Grant Consortium	Maryland Space Grant Consortium The Johns Hopkins University 203 Bloomberg Center for Physics and Astronomy 3400 N. Charles St. Baltimore, MD 21218-2686 Phone: (410) 516-7351 Fax: (410) 516-4109 Email: info@mdspacegrant.org	http://www.mdspacegrant.org/main.html
Massachusetts	Massachusetts Space Grant Consortium	The Massachusetts Institute of Technology Ms. Helen Halaris, Program Coordinator Aeronautics and Astronautics Bldg. 33, Room 208 77 Mass Avenue Cambridge, MA 02139 Phone: (617) 258.5546 Fax: (617) 253.0823 Email: msgc@mit.edu	http://www.mit.edu:8001/activities/masgc/phase1.html
Michigan	Michigan Space Grant Consortium	Michigan Space Grant Consortium University of Michigan 2106 Space Research Building 2455 Hayward Street Ann Arbor, MI 48109-2143 Phone: (734) 764 9508 Fax: (734) 763 0437 Email: blbryant@umich.edu	http://www.engin.umich.edu/dept/aero/msgc/index.html
Minnesota	Minnesota Space Grant Consortium (MnSGC)	Minnesota Space Grant Consortium 107 Akerman Hall 110 Union St. SE Minneapolis MN, 55455 Phone: 612-626-9295 Email: msgc@aem.umn.edu	http://www.aem.umn.edu/msgc/
Mississippi	Mississippi Space Grant Consortium	Mississippi Space Grant Consortium The University of Mississippi 217 Vardaman Hall P.O. Box 1848 University, MS 38677-1848 Phone: (662) 915-1187 Fax: (662) 915-3927 Email: mschaff@olemiss.edu	http://www.olemiss.edu/programs/nasa/
Missouri	Missouri Space Grant Consortium	NASA-Missouri Space Grant Consortium 226 Mechanical Engineering Building University of Missouri-Rolla Rolla, Missouri 65409-0050 Phone: 573-341-4887 Fax: 573-341-4607 Email: spaceg@umr.edu	http://web.UMR.edu/~spaceg/
Montana	Montana Space Grant Consortium	Montana Space Grant Consortium 418 Cobleigh Hall P.O. Box 173835 Montana State University Bozeman, MT 59717-3835 Phone: (406) 994-4223 Fax: (406) 994-4452 E-mail: msgc@montana.edu	http://spacegrant.montana.edu/

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Nevada	Nevada NASA Space Grant Consortium	Nevada NASA Space Grant Consortium Mackay School of Mines Building, Rm. 308 University of Nevada, Reno MS-168 Reno, Nevada 89557 Phone: (775) 784-6261 Fax: (775) 327-2235 Email: nvsg@mines.unr.edu	http://www.unr.edu/spacegrant/
New Hampshire	New Hampshire Space Grant Consortium (NHSGC)	clara.kustra@unh.edu	http://www.nhsgc.sr.unh.edu/
New Jersey	New Jersey Space Grant Consortium	The Program Director The New Jersey Space Grant Consortium Stevens Institute of Technology Hoboken, New Jersey 07030-5991 Phone: (201) 216-8964 Fax: (201) 216-8929 Email: njsgc@stevens-tech.edu	http://www.njsgc.org/cgi-bin/index.php
New Mexico	New Mexico Space Grant Consortium (NMSGC)	New Mexico Space Grant Consortium MSC SG, Box 30001 3050 Knox Street Sugerman Space Grant Building Las Cruces, NM 88003-0001 Phone: (505) 646-6414 Fax: (505) 646-7791	http://spacegrant.nmsu.edu/
New York	New York Space Grant Consortium	New York Space Grant Consortium 517 Space Science Building Cornell University Ithaca, NY 14853-6801 Phone: (607) 255-2710 Fax: (607) 255-1767 Email: spacegrant@astro.cornell.edu	http://astrosun2.astro.cornell.edu/specialprograms/spacegrant/
North Carolina	North Carolina Space Grant	Dr. Chris Brown - Director NCSU - Box 7515 Raleigh, NC 27695-7515 Phone: (919) 515-5118 Email: director@ncspacegrant.org	http://www.ncspacegrant.org/
North Dakota	North Dakota NASA Space Grant Consortium	North Dakota Space Grant Consortium University of North Dakota Space Studies Department 5th Floor Clifford Hall P. O. Box 9008 Grand Forks, ND 58202-9008 Phone: (701) 777-4161 Fax: (701) 777-3711	http://www.space.edu/spacegrant/
Ohio	Ohio Space Grant Consortium	Ms. Laura A. Stacko - Program Manager Ohio Space Grant Consortium 22800 Cedar Point Road Cleveland, Ohio 44142 Phone: 440.962.3032 or 800.828.OSGC (6742) Fax: 440.962.3057	http://www.osgc.org/
Oklahoma	Oklahoma Space Grant Consortium (OSGC)	College of Atmospheric and Geographic Sciences Dr. Victoria Duca Snowden 1623 Cross Center Dr., Suite 9, Ditmars House Norman, OK 73019 Phone: (405) 325-6559 Fax: (405) 325-5537 Email: vduca@ou.edu State Director, Oklahoma NASA Space Grant/NASA EPSCoR	http://okspacegrant.ou.edu/contacts.php
Oregon	Oregon NASA Space Grant Consortium	Oregon NASA Space Grant Consortium B092 Kerr Administration Bldg Oregon State University Corvallis, Oregon 97331-2103 Phone: (541) 737-2414 Fax: (541) 737-9946 Email: spacegrant@oregonstate.edu	http://spacegrant.oregonstate.edu/
Pennsylvania	Pennsylvania Space Grant Consortium (PSGC)	Pennsylvania State University 2217 Earth-Engineering Sciences Building (mail) 218 Earth-Engineering Sciences Building (office) Tel: (814) 863-7688 Fax: (814) 863-8286 Dr. Lisa Brown Director Tel: (814) 863-7687 Email: lisabrown@psu.edu	http://www.psu.edu/spacegrant/

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Puerto Rico	Puerto Rico Space Grant Consortium	<p>University of Puerto Rico, Central Administration Dr. Gerardo Morell Director, Puerto Rico Space Grant Consortium Resource Center for Science & Engineering P.O. Box 23334, University Station San Juan, PR 00931-3334 Phone: (787) 282-7047 Fax: (787) 756-7717 Email: gmorell@rrpac.upr.clu.edu</p> <p>Ms. Mayra W. Martinez - Project Manager Lead Office Resource Center for Science and Engineering Facundo Bueso Bldg. 304 P.O. Box 23334, University Station San Juan, PR 00931-3334 Tel. (787) 282-7047; (787) 763-6108 Fax. (787) 756-7717</p>	http://prsgc.uprr.pr/d2/
Rocky Mountain (Utah)	Rocky Mountain NASA Space Grant Consortium	<p>University of Utah Dr. Dwayne Westenskow, Co-Director Rocky Mountain Space Grant Consortium Department of Anesthesiology College of Medicine 50 North Medical Drive 3C 444 SOM Salt Lake City, UT 84132. Tel: (801) 581-2478 Fax: (801) 581-4367 Email: drw@ee.utah.edu</p> <p>Utah State University Dr. Doran J. Baker, Co-Director Rocky Mountain Space Grant Consortium College of Engineering, Eng. Bldg., Room EL 302 Logan, UT 84322-4140 Tel: (435) 797-3666 Fax: (435) 797-3382 Email: spacegrant@cc.usu.edu</p>	http://spacegrant.usu.edu/
Rhode Island	Rhode Island Space Grant Consortium	<p>NASA Rhode Island Space Grant Consortium Brown University Lincoln Field Building * Box 1846 Providence, Rhode Island, 02912 Phone: 401-863-2889 Fax: 401-863-1292</p>	http://www.spacegrant.brown.edu/RI_Space_Grant/
South Carolina	South Carolina Space Grant Consortium	<p>South Carolina Space Grant Consortium Department of Geology and Environmental Sciences College of Charleston 66 George Street Charleston, SC 29424</p>	http://www.cofc.edu/~scsgrant/
South Dakota	South Dakota Space Grant Consortium	<p>South Dakota Space Grant Consortium Headquarters Office Phone: (605) 394-1975 Fax: (605) 394-5360 Dr. Edward F. Duke, Director South Dakota School of Mines and Technology 501 E. St. Joseph Street Rapid City, SD 57701-3995 Phone: (605) 394-2388 Fax: (605) 394-5360 Email: Edward.Duke@sdsmt.edu</p>	
Tennessee	Tennessee Space Grant Consortium	<p>Ellie Weiss Rosenbloom, Program Coordinator Tennessee Space Grant Consortium Department of Mechanical Engineering 610-C Olin Hall Vanderbilt University VU Station B 351592 Phone: 615-343-1148 Fax: 615-343-6687</p>	http://tsgc.vuse.vanderbilt.edu/
Texas	Texas Space Grant Consortium	<p>Texas Space Grant Consortium 3925 West Braker Lane, Suite 200 Austin, Texas 78759 800) 248-8742 (512) 471-3585 (fax) Burke Fort, Project Manager Phone: 512-471-7225 Email: fort@mail.utexas.edu</p>	http://www.tsgc.utexas.edu/

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Vermont	Vermont Space Grant Consortium/NASA EPSCoR	VT Space Grant Consortium/ NASA EPSCoR Votey Building UVM Burlington, VT 05405 Phone: 802-656-1429 Fax: 802-656-1102 Laurel C. Zeno, Program Coordinator/Grant Administrator Email: zeno@cems.uvm.edu	http://www.vtspacegrant.org/
Virginia	Virginia Space Grant Consortium (VSGC)	Virginia Space Grant Consortium 600 Butler Farm Road, Hampton, Virginia 23666 Phone: 757-766-5210 Fax: 757-766-5205 Ms. Mary Sandy, Director Email: msandy@odu.edu	http://www.vsgc.odu.edu/
Washington State	Washington NASA Space Grant Consortium	Washington NASA Space Grant Consortium 141 Johnson Hall Box 351310 Seattle, WA 98195-1310 Phone: (206) 543-1943 Toll-Free: (800) 659-1943 Fax: (206) 543-0179 E-mail: nasa@u.washington.edu	http://www.waspacegrant.org/
West Virginia	NASA West Virginia Space Grant Consortium	Dr. Majid Jaraiedi, Director NASA West Virginia Space Grant Consortium College of Engineering and Mineral Resources G-68 Engineering Sciences Building P.O. Box 6070 Morgantown, WV 26506-6070 Phone: (304) 293-4099 Ext. 3708 Fax: (304) 293-4970 E-Mail: Majid.Jaraiedi@mail.wvu.edu WWSGC office (304)293-4099 ext. 3737 Candy.Cordwell@mail.wvu.edu	http://www.nasa.wvu.edu/
Wisconsin	Wisconsin Space Grant Consortium	Wisconsin Space Grant Consortium (WSGC) Program Office Space Grant Center Department of Natural and Applied Sciences University of Wisconsin-Green Bay 2420 Nicolet Drive Green Bay, WI 54311-7001 Tel: (920)465-2108; Fax: (920)465-2376 E-mail: wsgc@uwgb.edu	http://www.uwgb.edu/WSGC/
Wyoming	Wyoming NASA Space Grant Consortium	Wyoming NASA Space Grant Consortium Dept. 3905 1000 East University Avenue Laramie, WY 82071 Phone: (307)766-2862 Fax: (307)766-2652 Email: wy.spacegrant(at)uwyo.edu	http://wyomingspacegrant.uwyo.edu/

Space Grant Consortia			
State	Name of Consortium	Contact information	Webpage
Vermont	Vermont Space Grant Consortium/NASA EPSCoR	VT Space Grant Consortium/ NASA EPSCoR Votey Building UVM Burlington, VT 05405 Phone: 802-656-1429 Fax: 802-656-1102 Laurel C. Zeno, Program Coordinator/Grant Administrator Email: zeno@cems.uvm.edu	http://www.vtspacegrant.org/
Virginia	Virginia Space Grant Consortium (VSGC)	Virginia Space Grant Consortium 600 Butler Farm Road, Hampton, Virginia 23666 Phone: 757-766-5210 Fax: 757-766-5205 Ms. Mary Sandy, Director Email: msandy@odu.edu	http://www.vsgc.odu.edu/
Washington State	Washington NASA Space Grant Consortium	Washington NASA Space Grant Consortium 141 Johnson Hall Box 351310 Seattle, WA 98195-1310 Phone: (206) 543-1943 Toll-Free: (800) 659-1943 Fax: (206) 543-0179 E-mail: nasa@u.washington.edu	http://www.waspacegrant.org/
West Virginia	NASA West Virginia Space Grant Consortium	Dr. Majid Jaraiedi, Director NASA West Virginia Space Grant Consortium College of Engineering and Mineral Resources G-68 Engineering Sciences Building P.O. Box 6070 Morgantown, WV 26506-6070 Phone: (304) 293-4099 Ext. 3708 Fax: (304) 293-4970 E-Mail: Majid.Jaraiedi@mail.wvu.edu WVSGC office (304)293-4099 ext. 3737 Candy.Cordwell@mail.wvu.edu	http://www.nasa.wvu.edu/
Wisconsin	Wisconsin Space Grant Consortium	Wisconsin Space Grant Consortium (WSGC) Program Office Space Grant Center Department of Natural and Applied Sciences University of Wisconsin-Green Bay 2420 Nicolet Drive Green Bay, WI 54311-7001 Tel: (920)465-2108; Fax: (920)465-2378 E-mail: wsgc@uwgb.edu	http://www.uwgb.edu/WSGC/
Wyoming	Wyoming NASA Space Grant Consortium	Wyoming NASA Space Grant Consortium Dept. 3905 1000 East University Avenue Laramie, WY 82071 Phone: (307)766-2862 Fax: (307)766-2652 Email: wy.spacegrant(at)uwyo.edu	http://wyomingspacegrant.uwyo.edu/

Venture Capital Resources

Venture Capital Resources				
Name of Resource	Description	Cost	URL	Notes
Infon	Online directory of venture capital companies, sorted by location, industry, and size	\$99/year	http://www.infon.com/	207 contacts found for aerospace
VCgate	Software directory of venture capital companies	\$159	http://www.vcgate.com/	
VCLocator	Online directory of venture capital companies, sorted by location, industry, and size	\$149.95	http://www.vlocator.com/	23 contacts found for defense and aerospace
VCPro Database	Software directory of venture capital companies	\$99.95	http://www.vcprodatabase.com/	
vFinance Inc.	Online directory of venture capital companies, sorted by location, industry, and size	\$3/contact (\$522 for the 174 contacts listed for "defense/aerospace")	http://www.vfinance.com/	

Appendix – Organizations Consulted

FEDERAL

- ▶ Air Force Research Laboratory (AFRL)
- ▶ Army Space and Missile Defense Command
- ▶ Defense Advance Research Projects Agency (DARPA)
- ▶ Department of Energy (DoE)
- ▶ Department of Transportation (DoT)
- ▶ Department of Defense (DoD) SBIR Resource Center
- ▶ DoD SBIR/STTR/Fast Track
- ▶ Federal Aviation Administration (FAA) Technical Center
- ▶ National Aeronautics and Space Administration (NASA)
- ▶ National Science Foundation (NSF)
- ▶ National Reconnaissance Office (NRO)
- ▶ Naval Research Laboratory (NRL)
- ▶ Small Business Administration (SBA)

FOUNDATIONS AND UNIVERSITIES

National

- ▶ Space Grant Foundation/Space Grant Consortium
- ▶ Venture capital databases

Alabama

- ▶ Alabama Development Office
- ▶ Alabama State University
- ▶ Huntsville Chamber of Commerce
- ▶ University of Alabama

California

- ▶ Alliant International University
- ▶ California Institute of Technology
- ▶ California Space Enterprise Competitive Grant Program
- ▶ California State University System
- ▶ California Technology Investment Partnership
- ▶ Stanford University
- ▶ University of California System
- ▶ Tamkin Foundation of L.A.
- ▶ W.M. Keck Foundation

Colorado

- ▶ Colorado.gov
- ▶ Colorado Office of Economic Development
- ▶ Colorado Space Grant Consortium
- ▶ Colorado State University
- ▶ University of Colorado

Florida

- ▶ Florida High Tech Corridor Council
- ▶ Florida Space Research Institute (FSRI)
- ▶ Florida State University
- ▶ Spaceport Research and Technology Institute (SRTI)
- ▶ University of Central Florida
- ▶ University of South Florida
- ▶ University of Florida
- ▶ University-Affiliated Spaceport Technology Development Contract (USTDC)

Montana

- ▶ Montana State University
- ▶ University of Montana

New Mexico

- ▶ New Mexico State Economic Development Department
- ▶ New Mexico State University
- ▶ University of New Mexico

North Dakota

- ▶ North Dakota State University
- ▶ University of North Dakota

Texas

- ▶ Texas Aerospace Commission
- ▶ Texas State University System
- ▶ University of Texas System

Virginia

- ▶ Mid-Atlantic Regional Spaceport
- ▶ TGCI Directory of Grant Resources for Virginia
- ▶ University of Virginia
- ▶ Virginia State University

Wisconsin

- ▶ University of Wisconsin