

Financial and Activity Report (sheet 1 of 2) Version 1.6

Agency Name: (026) National Aeronautics and Space Administration										
Week End Date: 29-Apr-11										
No.	Agency / Bureau	TAFS	Sub-Account Code (OPTIONAL)	Award Type	US Indicator	State Code	Total Obligations	Total Gross Outlays	Direct or Reimbursable?	Ordering TAFS
1	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0119 2009 \ 2010) Science, Recovery Act		Contracts and Orders (including modifications)	Y-US		394,740,283	362,400,665	Direct	Not Applicable
2	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0119 2009 \ 2010) Science, Recovery Act		Cooperative Agreement	Y-US	CA-CALIFORNIA	4,650,000	2,497,334	Direct	Not Applicable
3	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0119 2009 \ 2010) Science, Recovery Act		Cooperative Agreement	Y-US	AL-ALABAMA	206,786	136,540	Direct	Not Applicable
4	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0119 2009 \ 2010) Science, Recovery Act		Cooperative Agreement	Y-US	MD-MARYLAND	293,144	130,000	Direct	Not Applicable
5	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0121 2009 \ 2010) Cross Agency Support, Recovery Act		Contracts and Orders (including modifications)	Y-US		49,999,255	49,794,268	Direct	Not Applicable
6	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0123 2009 \ 2010) Exploration, Recovery Act		Contracts and Orders (including modifications)	Y-US		350,069,191	324,116,263	Direct	Not Applicable
7	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0123 2009 \ 2010) Exploration, Recovery Act		Other	Y-US		49,807,196	49,807,196	Direct	Not Applicable
8	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0125 2009 \ 2010) Aeronautics, Recovery Act		Contracts and Orders (including modifications)	Y-US		149,882,803	96,690,961	Direct	Not Applicable
9	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0121 2009 \ 2010) Cross Agency Support, Recovery Act		Contracts and Orders (including modifications)	Y-US		47,472,480	35,565,992	Reimbursable	(13-1454 2009 \ 2010) Procurement, Acquisition, and Construction, Recovery Act
10	(026-00) National Aeronautics and Space Administration: National Aeronautics and Space Administration	(80-0121 2009 \ 2010) Cross Agency Support, Recovery Act		Other	Y-US		108,705	108,705	Reimbursable	(89-0336 2009 \ 2010) Energy Transformation Acceleration Fund, Recovery Act

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Major Completed Actions (Short bulleted list of the major actions taken to date.)	Major Planned Actions (Short bulleted list of the major planned actions)
<ul style="list-style-type: none"> NASA completed all awards of Science, Exploration, Cross-Agency Support, and Aeronautics contracts and cooperative agreements in accordance with applicable Program Plans and Recovery Act provisions, and more than 88% of funds appropriated have been disbursed for those projects. NASA successfully completed agency review of all Recipient Report submissions. 	<ul style="list-style-type: none"> NASA will continue providing quality assurance of Recipients during the period in May.
<ul style="list-style-type: none"> Aeronautics: In the development of turbofan engine simulations and controllers, Aviation Safety at Glenn Research Center has completed the sensitivity study on the impact of varying the small engine simulation's controller limits on performance and risk; and in large engine simulation, iterative solver implementation and new control mode implementations have been completed. 	<ul style="list-style-type: none"> Aeronautics: Supersonics at GRC test planning and preparation will continue in support of May wind tunnel testing, and IRT Refrigeration and Tunnel HEX Project Controls system factory acceptance test planned TBD at the Tullahoma, TN, Facility.
<ul style="list-style-type: none"> Exploration: Continue quality assurance and risk management development of a draft handbook on the implementation of human-rating requirements in NASA for space systems. 	<ul style="list-style-type: none"> Exploration: The ARES (Upper Stage) Vertical Assembly Tool software coding will continue in May.
<ul style="list-style-type: none"> Science: For Earth Science Research and Analysis, the Terrestrial Observation and Prediction System (TOPS) Irrigation continued deployment of the sensor network instruments in lysimeter field, transplanted processing tomato crop with USDA and CSU Fresno, completed repairs to lysimeter irrigation system, and initiated lysimeter experiment and began deploying surface renewal instrumentation; for the Airborne Science WB-57 aircraft, chem-milled skins were delivered, material for the honeycomb panel ribs and spars was delivered; for Venture Class, the Carbon in Arctic Reservoirs Vulnerability Experiment (CARVE) on the Twin Otter aircraft team successfully completed all its science flight goals for Alaska 2011 from Fairbanks, to Barrow, Alaska including performing an ISGA / Flask spiral over Barrow. 	<ul style="list-style-type: none"> Science: Continue Research Science, Virtual Terrestrial Observation and Prediction System (V-TOPS) deploying additional soil moisture instrumentation and sensor network installations in California; Venture Class Carbon in Arctic Reservoirs Vulnerability Experiment (CARVE) will ferry the aircraft back to Grand Junction, CO, and start flights in OK in June; Airborne Science Airborne Microwave Observatory of Sub canopy and Subsurface (AirMOSS) radar performance trade study; WB-57 Ailerons effort ; and the Research and Analysis Irrigation Optimization Task deployment of surface renewal instrumentation, will continue in May.
<ul style="list-style-type: none"> Cross-Agency Support for Hurricane Damage Repair Projects at the Johnson Space Center (JSC): NASA continues to support a performance audit on the Cross-Agency Support JSC Hurricane Repair activities which began on August 31st. 	<ul style="list-style-type: none"> Cross-Agency Support for Hurricane Damage Repair Projects at the Johnson Space Center (JSC): All CAS restoration projects are completed; no additional repairs are planned.