



**Financial and Activity Report (sheet 2 of 2)**

No.	Major Completed Actions (Short bulleted list of the major actions taken to date.)	Major Planned Actions (Short bulleted list of the major planned actions)
1	<ul style="list-style-type: none"> <li>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 75% of funds appropriated have been disbursed for those projects.</li> </ul>	
2	<ul style="list-style-type: none"> <li>Exploration: At Wallops Flight Facility (WFF), Horizontal Integration Facility, work on the tiles, electrical rough ins, sprinklers and plumbing in the high bay; and the trimming, finishing, painting and fixture installation in the low bay, all remain in progress. At Stennis Space Center (SSC), air compressor repairs continue, as does installation of hardware on LOX Barge #1. The outboard base plate and the second pump skid installation on LOX Barge #5, is complete.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration: Over the next month, the WFF Horizontal Integration Facility will be completed, as well as the LOX barge and tug refurbishments and check-out at SSC.</li> </ul>
3	<ul style="list-style-type: none"> <li>Science: Sea Ice Mission (IceBridge) Antarctica is used to gather sea ice freeboard data using lasers, and snow depth on sea ice using radars. The team for the airborne laser, called the Airborne Topographic Mapper (ATM), continues to be on deployment in Punta Arenas, Chile, for flights to Antarctica on the NASA DC8. Preliminary analysis, on data from a recent flight, shows that new high-power ATM transmitter has provided excellent high altitude data - a major milestone in the continued evolution/enhancement of this instrument, that allows better measurements and science.</li> </ul>	<ul style="list-style-type: none"> <li>Science: The DC-8 aircraft flights out of Punta Arenas, Chile over Antarctica, will continue through mid-November.</li> </ul>
4	<ul style="list-style-type: none"> <li>Aeronautics: Testing of the Multi-aircraft Batch Simulation/Traffic Generator Software for the Langley Research Center (LaRC) Air Traffic Operations Laboratory was completed. The final report for the Airborne Precision Spacing (APS) with Realistic Atmospheric Conditions Study was completed and delivered to NASA at LaRC for Airspace Systems.</li> </ul>	<ul style="list-style-type: none"> <li>Aeronautics: At Langley Research Center (LaRC) a final report will be produced in November on comparisons between the GTM wing models and the equivalent plate models for IRAC; at Ames Research Center (ARC) the installation of compressor intercooler tube bundles and replacement of desiccant in the air dryer vessels will be completed in November, as well as Phase 1 construction items on the PSL Ice Crystal Capability Project at GRC.</li> </ul>
5	<ul style="list-style-type: none"> <li>Cross-Agency Support for Hurricane Damage Repair Projects at the Johnson Space Center (JSC): Roof repairs on Building 9D and on Building 32 Pump Room were completed. NASA continues to support a performance audit on the Cross-Agency Support JSC Hurricane Repair activities which began on August 31st.</li> </ul>	<ul style="list-style-type: none"> <li>Cross-Agency Support for Hurricane Damage Repair Projects at the Johnson Space Center (JSC): Completion of the Hangar E280 project is anticipated in December, as well as the roof repair for Chamber B in Building 32.</li> </ul>
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