

NASA Exploration Systems FY 2007 Budget Facts

NASA's FY 2007 budget provides \$3.978 billion for Exploration Systems.

NASA's FY 2007 budget provides \$3.058 billion for Constellation Systems, which includes funds for the Crew Exploration Vehicle, Crew Launch Vehicle, Launch and Mission Systems for mission control and launch site infrastructure, Exploration Communication and Navigation Systems, and International Space Station Cargo and Crew Services.

- New human spaceflight development, like the Crew Exploration Vehicle, occurs once every generation so the next five years are a critical period.
- The budget provides sufficient funding for NASA to bring the Crew Exploration Vehicle on-line by 2014 and possibly much sooner. We believe that we can beat that date, but given the analysis we have today, we cannot set a more definitive target date for the CEV to our stakeholders in the White House and Congress.
- NASA is currently seeking industry proposals to bring the CEV on-line as close to 2010 as possible, not later than 2012. The transition between the Shuttle retirement and bringing the CEV online requires NASA and industry to work as a team in the months and years ahead.
- NASA will use the experienced personnel, propulsion capabilities, assets, and infrastructure of the Space Shuttle program in developing the Crew Exploration Vehicle and Crew Launch Vehicle, the next generation of space exploration systems.
- Over the next several months, NASA will evaluate these industry proposals, revise its independent cost estimates, and find workforce synergies and efficiencies between the Shuttle and CEV launch systems in order to refine estimates of when it is feasible to bring the CEV on-line.
- NASA is in source selection with the CEV procurement, and NASA will not go beyond this statement.

NASA is also seeking commercial industry proposals for the demonstration of commercial means to deliver cargo and/or crew to the International Space Station. If cost-effective commercial services are available to support the ISS, NASA will welcome and use them. The CEV would then only provide back-up capabilities to this commercial service. The primary purpose of the CEV is for missions beyond low Earth orbit.

NASA's FY 2007 budget provides \$920.7 million for Exploration and Human Systems Research & Technology.

- NASA cannot afford to conduct many of the previously planned research and technology projects while developing the CEV and launch systems. Thus, NASA seeks to leverage commercial innovations and international partner R&D.
- The budgets support the Robotic Lunar Exploration Program, to send robotic missions to the Moon starting in 2008, as well as ISS research, and technologies identified from the Exploration Systems Architecture Study that are needed to explore the Moon, Mars, and beyond.