

**Hamilton Sundstrand**

A United Technologies Company

Briefing to the NASA Obama Transition Team, December 9, 2008

Hamilton Sundstrand's Energy, Space & Defense (ESD) business unit provides highly reliable, advanced technology solutions for a broad range of government and industry customers. Whether enabling successful satellite launches, satellite systems, or enabling humans to live and work in outer space, Hamilton Sundstrand has fielded technologies and flight hardware to make these missions successful. The company has more than 40 years of space heritage and has been a part of every major space program since the 1960s.

Design, development and manufacture of human space exploration systems has been ESD's core focus since the Apollo era in the 1960s. These unique human space flight technical and systems engineering skills continue to be developed as Hamilton Sundstrand incorporates emerging new technologies in the next generation of the NASA's space vehicles, space suits, launch systems, surface habitats, in-situ resource utilization and human/robotic systems integration, as we begin our 21st Century journey in space exploration.

Headquartered in Windsor Locks, Connecticut, ESD has 800 employees working on the NASA programs in Connecticut, California, Illinois, Texas, Florida and Alabama.

Topics for Discussion:

- Support for Shuttle
- Support for International Space Station
- Support for Constellation
- Constellation's impact on workforce sustainment and promoting careers in science, mathematics and engineering
- Reliable Demonstration of Environmental Control and Life Support Technologies on Shuttle and ISS and those technologies' application in a lunar environment