

COMMUNICATION SPECIALIST

Job Description: This team is responsible for all verbal communication between Mission Control and the Spacecraft.

Job Requirements: Applicants must be good readers, good oral communicators and able to handle stressful situations.



Astronaut Sunita Williams
Photo courtesy of NASA

SPACE METEOROLOGIST

Job Description: This team is responsible for monitoring satellites that track solar flares and conducting an experiment about the Earth's magnetic field.

Job Requirements: Applicants must be good at entering data into tables and charts, and have an interest in solar flares.



NASA employee Dr. Jeff Jones
Photo from NASA/Haughton-Mars Project 2004

ROBOTIC SPECIALIST

Job Description: This team will check for chemical leaks on board the Spacecraft. A robotic arm is used in the lab.

Job Requirements: Applicants must have good hand-eye coordination and high frustration tolerance.



Ronald McNair

LIFE SUPPORT SPECIALIST

Job Description: This team is responsible for making sure that the air and the water on the Spacecraft are safe. They will also check the humidity, air pressure and solar filters.

Job Requirements: Applicants must be good problem solvers and have a strong interest in biology and work well in stressful situations.

William Readdy



BIOLOGIST

Job Description: This team is responsible for experimenting with plants and insects which are protected from human contamination.

Job Requirements: Applicants must be good at basic math, have good hand-eye coordination and good observational skills. Position may involve robotic arm use.



Maine Astronaut
Christopher Cassidy

NAVIGATOR

Job Description: This team is responsible for figuring out the exact location of the comet (COMET) or when and where to launch probes and where the Spacecraft will land (MOON).

Job Requirements: Applicants must be good at entering data into tables and charts, must be good at math and have a strong interest in astronomy. Need to work quickly and carefully and have good communication skills.



Maine Astronaut
Pilot Charles Hobaugh
Photo courtesy of nasa.gov

AERONAUTICAL ENGINEER

Job Description: This team is responsible for repairing the probe that will be relaunched by the crew to collect and send data back to Mission Control, determining landing site, and assembling the motherboard of the lunar equipment module.

Job Requirements: Applicants must be good readers, good problem solvers and have excellent listening skills. Need to work quickly and carefully.



Astronaut Ellison Onizuka
Photo <http://science.hq.nasa.gov>

MEDICAL

Job Description: This team is responsible for performing medical tests to check the health of the Spacecraft crew. Tests include: breathing rate, skin temperature, blood pressure and heart rate.

Job Requirements: Applicants must be good at entering data into tables and charts, and have a strong interest in biology.



SAM

Job Description: The **SOLAR ARRAY MONITORING** team is responsible for monitoring micrometeoroid damage to the solar arrays onboard the Spacecraft.

Job Requirements: Applicants must have good basic math skills, good hand-eye coordination. Members might be instructed to use a robotic arm to protect the power supply in an emergency.



Columbia Crew, STS 127

HazMat

Job Description: This team is responsible for checking radiation levels onboard the Spacecraft and researching safe levels of radiation. Members will use a robotic arm.

Job Requirements: Applicants must have good basic math skills, good hand-eye coordination.



DATA

**only to be used in missions of 30+*

Job Description: This team is responsible for all electronic (E-mail) communication between the Spacecraft and Mission Control.

Job Requirements: Applicants must be good readers, good communicators and able to work well in stressful situations.



REPORTER

**only to be used in missions of 32+*

Job Description: This team is responsible for interviewing and photographing all team members and recording important events.

Job Requirements: Applicants must be good writers and have photography skills.

