



Denise Carroll
7 Blackstone Dr. #54
Nashua, NH 03063

SPACE SHUTTLE (STS-107/COLUMBIA)

With more than 40 experiments and payloads traveling on Space Shuttle Columbia, Mission STS-107 is a 16-day Extended Duration Orbiter mission. The STS-107 microgravity and earth science research mission will investigate human physiology, fire suppression, biology, physics, chemistry and global climate control. The SPACEHAB-Research Double Module (RDM) serves as the primary payload. This will be the first flight of the new RDM payload, which provides an enhanced science capability over previous SPACEHAB modules. The 7-person crew of STS-107 is divided into two teams - red and blue. The teams will work 24 hours a day, alternating shifts, to complete the many experiments.

THE STS-107 CREW – Veteran astronaut **Rick D. Husband** (Red Team) will serve as commander. He was selected for astronaut training in 1995 and piloted the first Shuttle docking mission to the International Space Station (ISS) in 1999. STS-107 will be his second space trip after logging more than 235 hours in space. Pilot **William C. McCool** (Blue Team) was selected by NASA in 1996 for the astronaut corps. After completing two years of training and evaluation, STS-107 will be his first opportunity to pilot a Shuttle. The STS-107 Mission Specialists are: **David M. Brown** (Blue Team) completed two years of training and evaluation in 1998. STS-107 will be his first space trip. **Laurel B. Clark**, on her first Shuttle mission, was selected for NASA astronaut training in 1996 and is assigned as a Red Team member aboard Columbia. **Kalpana Chawla** (Red Team) is a veteran space traveler. During her first space mission in 1997 she traveled 6.5 million miles in space after logging more than 376 hours in Earth orbit. Blue Team member **Michael P. Anderson** will serve as payload commander. Selected by NASA in 1995 he flew his first space flight in 1998, logging over 211 hours in space. **Ilam Ramon** (Red Team), representing the Israeli Space Agency, is the STS-107 payload specialist on his first spaceflight. The former fighter pilot was selected in 1997 as a Payload Specialist.

THE STS-107 INSIGNIA – The central element of the STS-107 patch design, shaped in the form of a Shuttle Orbiter, is the microgravity symbol (μg) following into the rays of the astronaut symbol. The sunrise is representative of the numerous experiments that are a dawn of a new era for continued microgravity research on the ISS and beyond. Seen at the bottom left of the emblem is the constellation Columbia (the dove) that was chosen to symbolize peace on Earth and the Space Shuttle Columbia. The seven stars also represent each of the crewmembers and honor the original first seven astronauts that paved the way to make research in space possible.