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SPACE SHUTTLE (STS-117/ATLANTIS)

Space Shuttle Atlantis with a crew of six astronauts, including three rookies, face an 11-day mission with three scheduled spacewalks to continue construction of the International Space Station (ISS). The STS-117 mission will deliver and install a 17.5-ton S3/S4 truss segment, along with a set of photovoltaic solar arrays that can generate 14 kilowatts of electricity, to the starboard side of the orbital station. Lessons learned from the two previous shuttle missions will provide the astronauts with new techniques and tools to perform their duties. STS-117, also designated as ISS assembly mission 13A, will be the shuttle's 21st assembly flight to the orbiting outpost.

THE STS-116 CREW – A veteran of two spaceflights as a shuttle pilot, **Frederick W. Sturckow** will command the Atlantis crew of STS-117. Selected by NASA as an astronaut in 1995, the former fighter/test pilot has logged more than 568 hours in space. Making his first space journey aboard Atlantis as pilot, ex-Desert Shield combat and test pilot **Lee J. Archambault** was chosen to be a part of the astronaut corps in 1998. Mission Specialist-1 (MS-1) is **Patrick G. Forrester**, a NASA astronaut since 1996. Making his second space trip on STS-117, the former experimental and engineer test pilot will conduct the second of three spacewalks during the mission and is the prime shuttle robotic arm operator. A member of the 1998 astronaut class, **Steven R. Swanson** will be making his first space journey as MS-2. He will perform the second spacewalk task and is an assigned robotic arm operator. Another first-time shuttle flyer and robotic arm operator will be MS-3 astronaut **John D. Olivas**, an astronaut since 1998. He will conduct the first and third spacewalks of STS-117. A veteran of two spaceflights, MS-4 is **James F. Reilly**. He will perform two spacewalks during the mission. An astronaut since 1994, Reilly has logged more than 517 hours in space, including three spacewalks totalling more than 16 hours.

THE STS-116 CREW INSIGNIA – The STS-117 crew patch symbolizes the continued construction of the ISS and our ongoing human presence in space. The space station is shown high above Earth. The crew will install the portion of the station that is highlighted in gold, the second and third starboard truss segments (S3/S4), and a set of solar arrays as depicted in the emblem. The two gold astronaut office symbols, emanating from the "117" at the bottom of the patch, represent the concerted efforts of the shuttle and station programs to complete the orbiting outpost. The shuttle and unfurled banner of red, white and blue represent our nation's renewed patriotism as NASA continues to explore the universe.