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SPACE SHUTTLE (STS-125 / ATLANTIS)

STS-125's crew of seven astronauts aboard Space Shuttle Atlantis will make repairs and upgrades to the orbiting Hubble Space Telescope (HST), leaving it better than ever and ready for another 5 years — or more — of research. During its 11-day mission, with 5 spacewalks to be conducted, the crew will install two new instruments and replace the fine guidance sensor. STS-125, the 5th HST servicing mission, will be the final visit from a shuttle to the telescope outpost before the shuttle fleet retires.

THE STS-125 CREW – Veteran astronaut **Scott D. Altman** will command the final shuttle mission to Hubble. He was logged more than 38 days in space since his selection to the astronaut corps in 1995. STS-125 will be his 4th spaceflight and his 2nd trip to Hubble. Shuttle Atlantis pilot **Gregory C. Johnson**, a former Navy test pilot and NASA research pilot, will be making his first space trip since his selection as an astronaut in 1998. The STS-125 mission specialists are: Lead spacewalker **John M. Grunsfeld**, an astronomer and astronaut since 1992, will be making his 5th spaceflight, and 3rd trip to HST, having logged over 45 days in space with more than 37 spacewalk hours. Veteran spacewalker **Michael J. Massimino**, an astronaut since 1996, will be making his 2nd trip to Hubble and his 2nd shuttle flight. He was logged more than 10 days in space, including 2 spacewalks totaling nearly 15 hours. A member of the astronaut class of 2000, **Andrew J. Fenstel**, will be making his first space trip and is a part of the spacewalk team. At the time of his NASA selection, he was an exploration geophysicist in the petroleum industry. Another first-time shuttle flier and assigned mission spacewalker is **Michael T. Good**, also from the astronaut class of 2000, is a former instructor-operations-test weapons systems pilot. Rounding out the crew of STS-125 is first-time shuttle flier **K. Megan McArthur**, an oceanographer, is another member from the astronaut class of 2000.

THE STS-125 CREW INSIGNIA – The STS-125 crew patch design shows the HST along with many scientific discoveries. The overall structure and composition of the universe is shown in blue and filled with planets, stars, and galaxies. The black background is indicative of the mysteries of dark-energy and dark-matter that Hubble's observations may help to understand. The red-border of the emblem represents the red-shifted glow of the early universe, and the limit of Hubble's view into the cosmos.