

SPACE SHUTTLE
STS-51/DISCOVERY



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SPACE SHUTTLE (STS-51/DISCOVERY)

The STS-51 crew patch designed by the astronaut crew honors all who have contributed to mission success and symbolizes NASA's continuing quest to increase mankind's knowledge and use of space through this multi-faceted mission. The gold star represents the U.S. Advanced Communications Technology Satellite (ACTS) boosted by the Transfer Orbit Stage (TOS). The rays below the ACTS/TOS represent the innovative communication technologies to be tested by this experiment. The stylized Shuttle Pallet Satellite (SPAS) represents the German-sponsored ASTRO/SPAS mission. The constellation Orion below the SPAS is representative of the types of stellar objects to be studied by its experimenters. The stars in Orion also commemorate the astronauts who have sacrificed their lives for the space program. The ascending spiral, symbolizing America's continuing commitment to leadership in space exploration and development, originates with the thousands of people who ensure the success of each Shuttle flight. The five large white stars, representing the five crew members, and the one gold star symbolize the mission number. Commander of STS-51 is Frank L. Culbertson, Jr. with William F. Readdy as pilot. Payload Commander is Daniel W. Bursch with Mission Specialists James H. Newman and Carl E. Walz.