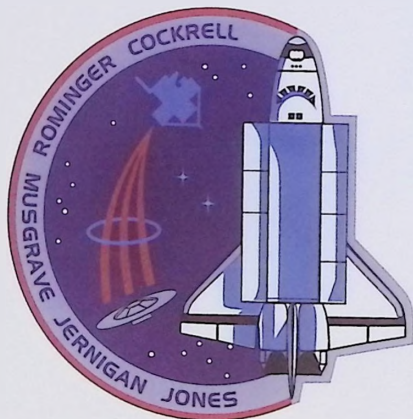
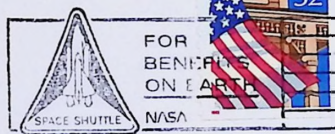


SPACE SHUTTLE
STS-80/COLUMBIA



DENISE CARROLL
7 Blackstone Dr. #54
NASHUA, NH 03063

SPACE SHUTTLE (STS-80/COLUMBIA)

A satellite carrying science instruments to gather astronomical data for improving our understanding of the universe, and a free-flying experiment platform for growing and processing thin films, are the primary payloads of the STS-80 Space Shuttle mission. It will mark the first time that two payloads, ORFEUS-SPAS-2 and Wake Shield Facility-3, will be deployed—free flown simultaneously—and later retrieved during the same shuttle flight.

THE STS-80 CREW – Two-time space flyer Kenneth D. Cockrell will command the experienced five-member crew of Columbia. The former longtime naval aviator became an astronaut in 1991 and STS-80 will be his first flight as commander. Pilot Kent V. Rominger will make his second space flight on STS-80. Also a former naval aviator, Rominger was selected as an astronaut candidate by NASA in 1992. Mission Specialist Tamara E. Jernigan joined NASA's astronaut corps in 1986 and flew three times, logging a total of more than 854 hours in space. Mission Specialist Thomas D. Jones will fly for the third time on STS-80. A former pilot and Air Force captain, Jones became an astronaut in 1991. On STS-80, Mission Specialist Story Musgrave will equal American astronaut John Young's record of six space trips. At 61, he will be the oldest human to fly in space.

THE STS-80 CREW INSIGNIA – The STS-80 mission patch depicts Space Shuttle Columbia and the two research satellites its crew will deploy into the blue field of space. The uppermost satellite is ORFEUS-SPAS-2 and the lower satellite pictured is the Wake Shield Facility-3, flying for the third time. Both satellites are joined by the symbol of the Astronaut Corps, representing the human contribution to scientific progress in space. The two bright blue stars represent the mission's spacewalks by astronauts Jernigan and Jones, final rehearsals for techniques and tools to be used in the assembly of the International Space Station. Surrounding Columbia is a constellation of 16 stars, one for each day of the mission, representing the stellar talents of the ground and flight team that share the goal of expanding knowledge through a permanent human presence in space.