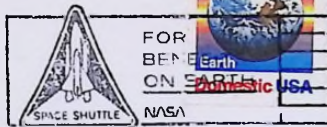


SPACE SHUTTLE
STS-32/COLUMBIA



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SPACE SHUTTLE (STS-32/COLUMBIA)

STS-32 CREW INSIGNIA — The crewmembers of Space Shuttle Mission 33 (designated STS-32) designed this emblem as their official crew patch. The patch depicts the Space Shuttle orbiter rendezvousing with the Long Duration Exposure Facility (LDEF) satellite from above . . . and a Syncom satellite is successfully deployed and on its way to geosynchronous orbit. Five stars have been arranged so that three are on one side of the orbiter and two on the other to form the number 32. The seven major rays of the sun are in remembrance of the 51-L/Challenger crew. In preparation for the first Extended Duration Orbiter (EDO) missions, STS-32 will conduct a number of medical and mid-deck scientific experiments. The caduceus on the left represents the medical experiments, and the crystalline structure on the right represents the materials science. STS-32 astronauts are Daniel C. Brandenstein, commander; James D. Wetherbee, pilot; Bonnie J. Dunbar, Marsha S. Ivins and G. David Low, mission specialists.

Hello!

18-DEC-89

It's been a long time! I was glad to get your card and hear ~~you~~ you are still around. I'm still working here at KSC with computers and networks and still enjoying my job. Have a Merry Christmas and a Happy New Year.

Michael Leary