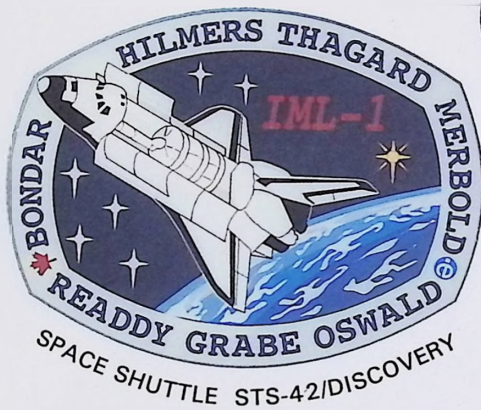
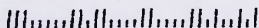




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SPACE SHUTTLE (STS-42/DISCOVERY)

STS-42 CREW INSIGNIA - The STS-42 International Microgravity Lab-1 insignia, designed by the crewmembers, depicts the shuttle orbiter with the Spacelab module aboard. The number 42 is represented by six white stars - four on one side of the orbiter and two on the other. The single gold star above Earth's horizon honors the memory of astronaut Manley L. (Sonny) Carter, who was killed in April 1991 in a commuter plane crash. A crew spokesman stated that Carter "...was our crewmate, colleague and friend." Blue letters set against white give the surnames of the five astronauts and two payload specialists for the flight. They are Ronald J. Grabe, commander; Stephen S. Oswald, pilot; mission specialists William F. Readdy, Norman E. Thagard, David C. Hilmers and payload specialists Roberta L. Bondar (Canada) and Ulf D. Merbold (West Germany).

International Microgravity Laboratory 1 (IMP-1), the first in a series of shuttle flights dedicated to fundamental materials and life sciences research, will help answer many questions about the way gravity affects life and materials. IMP-1 scientists from around the world have developed experiments that crew members will complete inside Spacelab, a laboratory carried aloft by the Shuttle Discovery.