

ORBITAL REPAIRMAN -- Drawing shows a Space Shuttle astronaut approaching the Solar Maximum Mission satellite in orbit using the manned maneuvering unit. His mission will be to stabilize the tumbling satellite so the Shuttle's mechanical arm can grab it and bring it into the cargo bay for repairs. The Solar observatory, launched in 1980, became inoperative because of uncontrolled tumbling caused by a defective thruster. Such a repair mission is planned for a Shuttle mission in mid-1984.

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