

Escape Pod Specifications

Shape: Spherical or cylindrical for aerodynamic efficiency and structural stability.

Dimensions: Approximately 3.5 meters in diameter and 4.5 meters in length.

Material: Reinforced heat-resistance composite alloys for protection during atmospheric re-entry.

Crew Capacity: Designated to accommodate up to 4 astronauts.

Control Panel: User-friendly interface with essential data and emergency controls for manual operation.

Emergency Propulsion: Small thrusters for controlled maneuvering and trajectory adjustments.

Emergency Supplies: Storage compartments for essential survival gear, food, water, and medical kits.

Visual and Audio Signaling: External lights and beacons for identification during recovery operations.