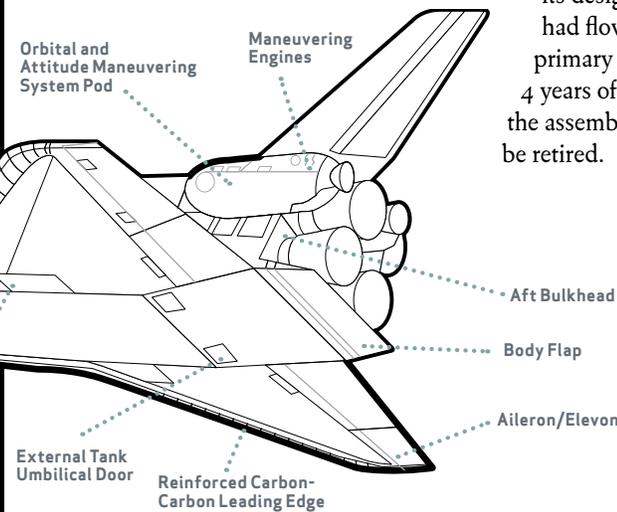
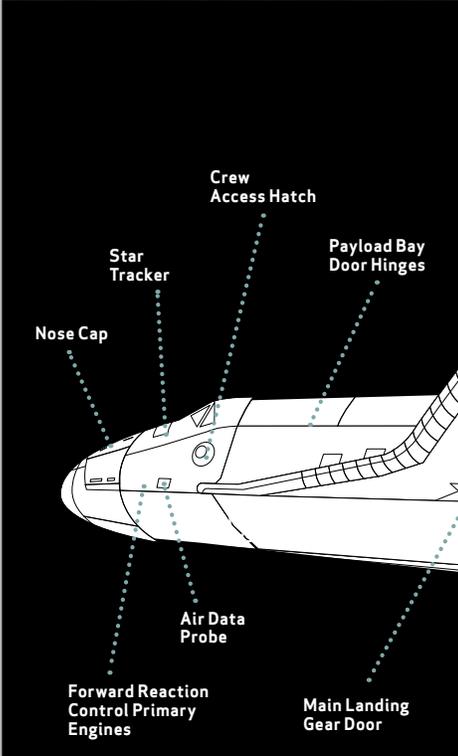




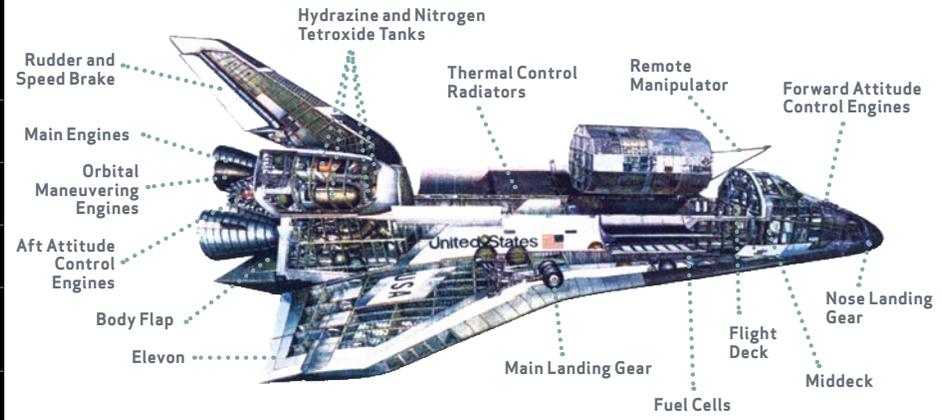
# Space Shuttle Orbiter/ Discovery, Atlantis, Endeavour

NASA/Boeing/Rockwell

The U.S. Space Shuttle provides Earth-to-orbit and return capabilities and in-orbit support. The diversity of its missions and customers is testimony to the adaptability of its design. As of mid-2006, the Shuttle had flown 115 times. The Shuttle's primary purpose during the remaining 4 years of operation will be to complete the assembly of the ISS. By 2010, it will be retired.



Length	37.2 m (122.2 ft)
Height	17.3 m (56.7 ft)
Wingspan	23.8 m (78 ft)
Typical mass	104,000 kg (230,000 lb)
Cargo capacity	16,000 kg (35,000 lb) (typical launch and return to ISS)
Pressurized habitable volume	74 m <sup>3</sup> (2,625 ft <sup>3</sup> )
Mission length	7–16 days, typical
Number of crew	7, typical
Atmosphere	oxygen-nitrogen
<b>Cargo Bay</b>	
Length	18.3 m (60 ft)
Diameter	4.6 m (15 ft)



The Shuttle approaches the ISS carrying the Multi-Purpose Logistics Module (MPLM).



Shuttle berthed at the U.S. Lab, PMA 2.