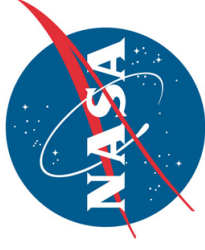


Flights of Endeavour (OV-105)

| Times Flown | Mission Name | Crew | Launch Pad | Launch Date | Landing Date & Site | Primary Payload |
|-------------|--------------|--|------------|-------------|---------------------|---|
| 1 | STS-49 | Brandenstein, Chilton, Melnick, Akers, Hieb, Thuot, Thornton | 39B | 05/07/92 | 05/16/92 at EAFB | Rescue, repair, redeploy INTELSAT VI (F-3) |
| 2 | STS-47 | Gibson, Brown, Lee, Davis, Apt, Jemison, Mohri | 39B | 09/12/92 | 09/20/92 at KSC | Spacelab-J |
| 3 | STS-54 | Casper, McMonagle, Harbaugh, Runco, Helms | 39B | 01/13/93 | 01/19/93 at KSC | TDRS-F; DXS |
| 4 | STS-57 | Grabe, Duffy, Low, Sherlock, Voss, Wisoff | 39B | 06/21/93 | 07/01/93 at KSC | SPACEHAB; EURECA Retrieval |
| 5 | STS-61 | Covey, Bowersox, Musgrave, Hoffman, Thornton, Akers, Nicollier | 39B | 12/02/93 | 12/13/93 at KSC | 1st Hubble Space Telescope Servicing Mission |
| 6 | STS-59 | Gutierrez, Chilton, Godwin, Apt, Clifford, Jones | 39A | 04/09/94 | 04/20/94 at EAFB | Space Radar Laboratory-1 (SRL-1) |
| 7 | STS-68 | Baker, Wilcutt, Jones, Bursch, Wisoff, Smith | 39A | 09/30/94 | 10/11/94 at EAFB | Space Radar Laboratory-2 (SRL-2) |
| 8 | STS-67 | Oswald, Gregory, Jernigan, Lawrence, Grunsfeld, Durrance, Parise | 39A | 03/02/95 | 03/18/95 at EAFB | Astro-2 |
| 9 | STS-69 | Walker, Cockrell, Voss, Newman, Gernhardt | 39A | 09/07/95 | 09/18/95 at KSC | Wake Shield Facility-2; Spartan-201-3 |
| 10 | STS-72 | Duffy, Jett, Barry, Chiao, Scott, Wakata | 39B | 01/11/96 | 01/20/96 at KSC | Japanese Space Flyer Unit (SFU); Office of Aeronautics and Space Technology (OAST) Flyer |
| 11 | STS-77 | Casper, Brown, Thomas, Bursch, Runco, Garneau | 39B | 05/19/96 | 05/29/96 at KSC | SPACEHAB-4; SPARTAN Inflatable Antenna Experiment (IAE) |
| 12 | STS-89 | Wilcutt, Edwards, Anderson, Dunbar, Reilly, Sharipov; Thomas (up to Mir); Wolf (down from Mir) | 39A | 01/22/98 | 01/31/98 at KSC | 10th Shuttle-Mir Mission - 8th docking ; SPACEHAB-DM |
| 13 | STS-88 | Cabana, Sturckow, Currie, Ross, Newman, Krikalev | 39A | 12/04/98 | 12/15/98 at KSC | 1st ISS Mission - Unity node |
| 14 | STS-99 | Kregel, Gorie, Kavandi, Voss, Mohri, Thiele | 39A | 02/11/00 | 02/22/00 at KSC | Shuttle Radar Topography Mission |
| 15 | STS-97 | Jett, Bloomfield, Tanner, Noriega, Garneau | 39B | 11/30/00 | 12/11/00 at KSC | 6th ISS Mission - U.S. Solar Arrays |
| 16 | STS-100 | Rominger, Ashby, Hadfield, Parazynski, Phillips, Lonchakov, Guidoni | 39A | 04/19/01 | 05/01/01 at EAFB | 9th ISS Mission - SSRMS; MPLM Raffaello; UHF Antenna |
| 17 | STS-108 | Gorie, Kelly, Godwin, Tani; Onufriyenko, Walz, Bursch (up to ISS); Culbertson, Tyurin, Dezhurov (down from ISS) | 39B | 12/05/01 | 12/17/01 at KSC | 12th ISS Mission - Utilization Flight-1; MPLM Raffaello |
| 18 | STS-111 | Cockrell, Lockhart, Chang-Diaz, Perrin; Korzun, Whitson; Treschev (up to ISS); Onufrienko, Bursch, Walz (down from ISS) | 39A | 06/05/02 | 06/19/02 at EAFB | 14th ISS Mission - Utilization Flight-2; Mobile Remote Service Base System; Orbital Replacement Unit; MPLM Leonardo |
| 19 | STS-113 | Wetherbee, Lockhart, Lopez-Alegria, Herrington; Bowersox, Pettit Budarin, (up to ISS); Korzun, Whitson, Treschev (down from ISS) | 39A | 11/23/02 | 12/07/02 at KSC | 16th ISS Mission - P1 Integrated Truss Segment |
| 20 | STS-118 | Kelly, Hobaugh, Williams, Morgan, Mastracchio, Caldwell, Drew | 39A | 08/08/07 | 08/21/07 at KSC | 22nd ISS Mission - S5 truss; gyroscope; ESP3 |
| 21 | STS-123 | Gorie, Johnson, Linnehan, Behnken, Foreman, Doi; Reisman (up to ISS); Eyharts (down from ISS) | 39A | 03/11/08 | 03/26/08 at KSC | 25th ISS Mission - Japanese ELM-PS; Dextre Robotics System |
| 22 | STS-126 | Ferguson, Boe, Bowen, Kimbrough, Stefanyszyn-Piper, Pettit; Magnus (up to ISS); Chamitoff (down from ISS) | 39A | 11/14/08 | 11/30/08 at EAFB | 27th ISS Mission - MPLM Leonardo |
| 23 | STS-127 | Polansky, Hurley, Cassidy, Marshburn, Wolf, Payette; Kopra (up to ISS); Wakata (down from ISS) | 39A | 07/15/09 | 07/31/09 at KSC | 29th ISS Mission - JEM EF; ELM-ES; ICC-VLD |
| 24 | STS-130 | Zamka, Virts, Behnken, Hire, Patrick, Robinson | 39A | 02/08/10 | 02/21/10 at KSC | 32nd ISS Mission - Tranquility module; Cupola |
| 25 | STS-134 | Kelly, Johnson, Chamitoff, Feustel, Fincke, Vittori | 39A | 05/16/11 | 06/01/11 at KSC | 36th ISS Mission (final mission for Endeavour) - ELC-3; Alpha Magnetic Spectrometer-2 (AMS) |



National Aeronautics and Space Administration

ENDEAVOUR (OV-105)

Endeavour was NASA's fifth and final space shuttle orbiter to join the fleet at Kennedy Space Center in Florida. Endeavour also is known inside the space agency by its designation Orbiter Vehicle-105, or OV-105.

Endeavour was the second space shuttle to be retired from NASA's fleet in 2011.

The spacecraft will be transported to the California Science Center in Los Angeles in 2012 to be put on permanent public display.

Construction of Endeavour began on

Sept. 28, 1987, and it rolled out of the assembly plant in Palmdale, Calif., on April 1991.

For the first time, a national competition involving students in elementary and secondary schools produced the name of the new orbiter.

After receiving 6,154 entries, representing more than 70,000 students, NASA chose Endeavour and it was announced by President George Bush in 1989. The name comes from a ship chartered to traverse the South Pacific in 1768 and captained by 18th century British explorer James Cook, an experienced seaman, navigator and astronomer.

Endeavour first launched May 7, 1992, on the STS-49 mission to capture the INTELSAT VI communications satellite and release it into a geosynchronous orbit.

In 1993, Endeavour embarked on STS-61, the first servicing mission to NASA's Hubble Space Telescope.

KEY ENDEAVOUR MISSIONS

STS-49 – Maiden Flight; Capture and redeploy Intelsat VI

STS-47 – Spacelab mission J

STS-54 – Deploy TDRS-F

STS-57 – Retrieve European Retrievable Carrier

STS-61 – First Hubble Space Telescope servicing mission

STS-72 – Retrieve Japanese Space Flyer Unit

STS-89 – Rendezvous with Mir space station

STS-88 – International Space Station

assembly mission, which assembled the

Unity module, the first U.S. component of

the station

STS-100 – International Space Station

assembly mission, which delivered

the Canadarm2 robotic arm and

hand

STS-123 – International Space

Station assembly mission, which

delivered the first element of

Japan's Kibo module along with

the Canadian Special Purpose

Dexterous Manipulator robotic

arm (Dextre)

STS-134 - Final Mission

THE NUMBERS

Total miles traveled:

122,883,151

Total time in space: 299 days

Total orbits: 4,671

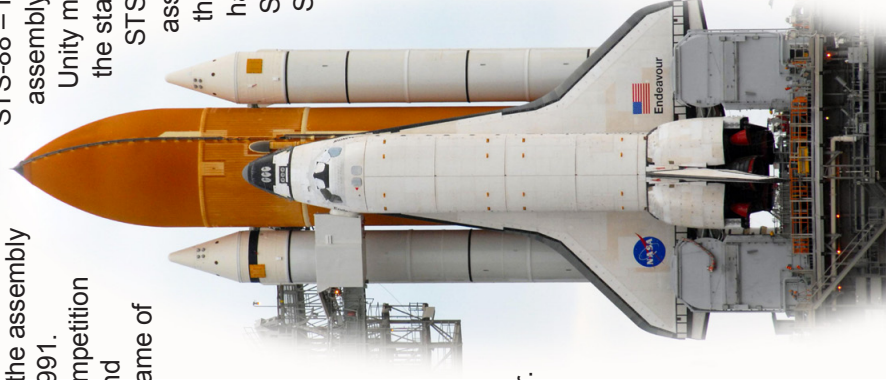
Total flights: 25

Total crew: 1,173

Mir dockings: 1

International Space Station

visits: 12



NASAfacts