

Enterprise Milestones & Ferry Flights

SCA/OV-101 Ferry Flight Test Program (Edwards AFB)

Nov. 15, 77	Test flight 1	3 h 21 m - to test flight loads (sideslip and flutter).
Nov. 16, 77	Test flight 2	4 h 17 m - to test high gross weight takeoff, cruise performance and sideslip.
Nov. 17, 77	Test flight 3	4 h 13 m - Repeat of test 2 (no sideslip testing).
Nov. 18, 77	Test flight 4	3 h 37 m - to gain cruise performance data. (Final scheduled flight)

Early Enterprise Milestones

Mar. 10, 78	OV-101/SCA departs Edwards for Marshall SFC with a stop at Ellington AFB for refuelling.
Mar. 13, 78	OV-101 arrives at Marshall SFC, Huntsville, Alabama to begin ground vibration testing.
Mar. 28, 79	Pathfinder ET arrives on dock at Kennedy from Michoud and was towed into the VAB for stacking.
Apr. 10, 79	OV-101 arrives at Kennedy SLF from Huntsville.
Apr. 15, 79	Pathfinder ET/SRB mated in the VAB.
Apr. 17, 79	OV-101 towed into the VAB from the SLF apron.
Apr. 24, 79	OV-101 is hoisted and mated to ET/SRB stack.
May 1, 79	Mated OV-101 and dummy shuttle stack rolled out of the VAB to Pad 39A.
Jul. 23, 79	Mated OV-101 stack returned to the VAB following pathfinder exercises.
Aug. 10, 79	Ferry flight begins from KSC to Atlanta, Ga., and from Atlanta to St. Louis, Mo. the next day.
Aug. 12, 79	Ferry flight from St. Louis to Tulsa, Okla., and from Tulsa to Denver, Co. the next day.
Aug. 14, 79	Ferry flight from Denver to Hill AFB, Ogden, Utah and from Hill AFB to Vandenberg AFB the next day.
Aug. 16, 79	Ferry flight continues from Vandenberg AFB to Edwards AFB.
Aug. 23, 79	OV-101 is demated from the SCA at the Dryden Flight Research Center.
Oct. 30, 79	Enterprise is returned overland from Edwards to the Rockwell Plant in Palmdale for storage.
Sep. 6, 81	Return of Enterprise from Rockwell overland to Edwards AFB for storage until May, 83/Paris Air Show.

Paris Air Show Trip

May 16, 83	OV-101/SCA departs Edwards AFB for Peterson AFB, Colo. (Public relations stop).
May 18, 83	OV-101/SCA departs Peterson AFB for McConnell AFB, Kansas (refuelling) and W-Patt. AFB, Ohio, overnight.
May 19, 83	OV-101/SCA leaves Wright-Patterson for refuelling stop in Goose Bay, Labrador, Canada and on to Keflavic Naval Air Station, Iceland for an overnight stay. (Escorted over the Atlantic by a Navy P-3 Orion).
May 20, 83	Ferry flight continues from Keflavic to Fairford Royal Air Force Base, England for refuelling, then on to Bonn/Cologne International Airport, Germany for a PR stop.
May 24, 83	Last leg of Ferry flight from Bonn to Le Bourget Airport, Paris, France for display and flyovers at the International Paris Air Show, May 25 through June 5.
Jun. 1, 83	Enterprise departs Paris for Rome, Italy for State visit returning the next day to Paris.
Jun. 5, 83	Enterprise leaves Paris Air Show for its return trip home via Stansted Airport near London, England for PR stop.
Jun. 7, 83	Enterprise departs Stansted for Keflavik, Iceland for refuelling and on to Goose Bay, Labrador next day.
Jun. 8, 83	Enterprise/SCA make overflights of Montreal and Ottawa landing in Ottawa for a two day stop over (PR).
Jun. 10, 83	Enterprise leaves Ottawa for an overflight in Toronto, NYC to Wash. DC overnight to refuel then PR on the 12th.
Jun. 13, 83	The Enterprise/SCA return to Edwards AFB via Shepard AFB (refuelling) and is placed in storage.

1984 New Orleans World Fair

Mar. 22, 84	Enterprise/SCA ferry flight from Edwards AFB to Vandenberg AFB for PR stop.
Mar. 27, 84	Ferry flight from Vandenberg AFB to Little Rock AFB, Arkansas.
Mar. 29, 84	Ferry flight from Little Rock AFB to Brookley Field, Mobile, Alabama.
Apr. 3, 84	Barge 'Paul Bunyon' transfer of Orbiter from Mobile to New Orleans for the 1984 World's Fair.
Nov. 3, 84	Barge transfer from Fair back to Mobile, Alabama.
Nov. 10, 84	Ferry flight of OV-101 from Mobile to Kansas City, Mo.
Nov. 13, 84	Ferry flight from Kansas City to Edwards AFB.

Enterprise at Vandenberg SLC-6 fit checks 'Flight Vehicle Verification' (FVV)

Nov. 16, 84	Ferry flight from Edwards AFB to Vandenberg AFB storage hanger.
Jan. 25, 85	OV-101 is towed overland from North to South Base at Vandenberg to SLC-6.
Feb. 16, 85	OV-101 is erected at SLC-6 and mated to ET-23/Filament wound booster stack. (ET-23 arrived on dock Oct. 21, 84 and was erected and mated with the SRBs on Feb. 1, 85)
Mar. 8, 85	Enterprise is demated from the stack at SLC-6.
May 24, 85	Ferry flight of OV-101/SCA from Vandenberg to Edwards AFB for storage.
Sep. 20, 85	Ferry flight from Edwards AFB to Kelly AFB to KSC for brief display outside with the Saturn-V (one day hop).
Nov. 18, 85	Enterprise final flight from KSC to Dulles International Airport, Washington, DC where it was handed over to the Smithsonian National Air & Space Museum for display at the new Museum Annex at Dulles Airport.
Jun. 8 - 12, 87	Enterprise final task - runway barrier tests for NASA's Shuttle Orbiter Arresting System (SOAS) at Dulles.
Late 88	Enterprise was moved from an outside (exposed) storage location at Dulles to a temporary hanger.
Nov. 03	Enterprise was towed via road to the new Udvar-Hazy Space Museum outside Wash., DC.
Apr. 23, 12	Ent. towed from Udvar-Hazy Museum to Dulles for transport via SCA-905 to Kennedy Int. Airport for storage.
Jun. 6, 12	Enterprise placed on a barge and transported by sea to the Intrepid Air & Space Museum, New York City.