

SPACE SHUTTLE MISSIONS



STS-1
COLUMBIA
April 12-14
1981



STS-2
COLUMBIA
November 12-14
1981



STS-3
COLUMBIA
March 22-30
1982



STS-4
COLUMBIA
June 27-July 4
1982



STS-5
COLUMBIA
November 11-16
1982



STS-6
CHALLENGER
April 4-9
1983



STS-7
CHALLENGER
June 18-24
1983



STS-8
CHALLENGER
August 30-September 5
1983



STS-9
COLUMBIA
November 28-December 8
1983



41-B
CHALLENGER
February 3-11
1984



41-C
CHALLENGER
April 6-13
1984



41-D
DISCOVERY
August 30-September 5
1984



41-G
CHALLENGER
October 5-13
1984



51-A
DISCOVERY
November 8-16
1984



51-C
DISCOVERY
January 24-27
1985



51-D
DISCOVERY
April 12-19
1985



51-B
CHALLENGER
April 29-May 6
1985



51-G
DISCOVERY
June 17-24
1985



51-F
CHALLENGER
July 29-August 6
1985



51-I
DISCOVERY
August 27-September 3
1985



51-J
ATLANTIS
October 3-7
1985



61-A
CHALLENGER
October 30-November 6
1985



61-B
ATLANTIS
November 26-December 3
1985



61-C
COLUMBIA
January 12-18
1986



51-L
CHALLENGER
January 28
1986



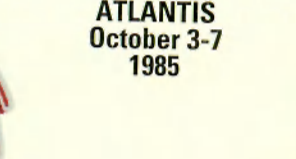
STS-26
DISCOVERY
September 29-October 3
1988



STS-27
ATLANTIS
December 2-6
1988



STS-29
DISCOVERY
March 13-18
1989



STS-30
ATLANTIS
May 4-8
1989



STS-38
ATLANTIS
November 15-20
1990



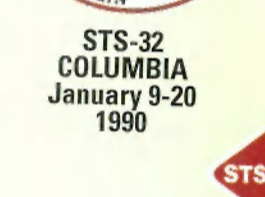
STS-35
COLUMBIA
December 2-10
1990



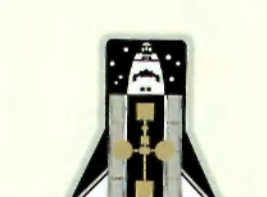
STS-37
ATLANTIS
April 5-11
1991



STS-39
DISCOVERY
April 28-May 6
1991



STS-40
COLUMBIA
June 5-14
1991



STS-43
ATLANTIS
August 2-11
1991



STS-48
DISCOVERY
September 12-18
1991



STS-41
DISCOVERY
October 6-10
1990



STS-44
ATLANTIS
November 24-December 1
1991



STS-53
DISCOVERY
December 2-9
1992



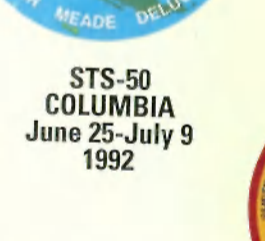
STS-54
ENDEAVOUR
January 13-19
1993



STS-56
DISCOVERY
April 8-17
1993



STS-55
COLUMBIA
April 26-May 6
1993



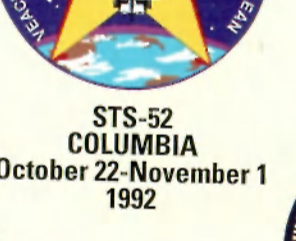
STS-57
ENDEAVOUR
June 21-July 1
1993



STS-51
DISCOVERY
September 12-22
1993



STS-58
COLUMBIA
October 18-November 1
1993



STS-52
COLUMBIA
October 22-November 1
1992



STS-61
ENDEAVOUR
December 2-13
1993



STS-63
DISCOVERY
February 3-11
1995



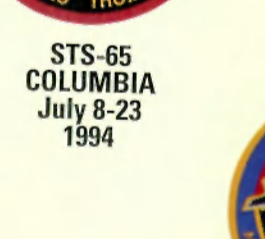
STS-67
ENDEAVOUR
March 2-18
1995



STS-71
ATLANTIS
June 27-July 7
1995



STS-70
DISCOVERY
July 13-22
1995



STS-65
COLUMBIA
July 8-23
1994



STS-69
ENDEAVOUR
September 7-18
1995



STS-73
COLUMBIA
October 20-November 5
1995



STS-74
ATLANTIS
November 12-20
1995



STS-66
ATLANTIS
November 3-14
1994



STS-72
ENDEAVOUR
January 11-20
1996



STS-75
COLUMBIA
February 22-March 9
1996



STS-76
ATLANTIS
March 22-31
1996



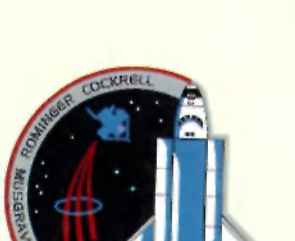
STS-77
ENDEAVOUR
May 19-29
1996



STS-78
COLUMBIA
June 20-July 7
1996



STS-79
ATLANTIS
September 16-26
1996



STS-80
COLUMBIA
November (scheduled)
1996



STS-81
ATLANTIS
January (scheduled)
1997

STS-1—Columbia
April 12-14, 1981
Commander: John W. Young
Pilot: Robert L. Crippen
Mission Duration: 2 days, 6 hr, 20 min, 32 sec
Orbits of Earth: 36
Development Flight Instrumentation (DFI)

STS-2—Columbia
November 12-14, 1981
Commander: Joe H. Engle
Pilot: Richard H. Truly
Mission Duration: 2 days, 6 hr, 13 min, 13 sec
Orbits of Earth: 36
Office of Space and Terrestrial Applications (OSTA)-1 experiments

STS-3—Columbia
March 22-30, 1982
Commander: Jack R. Lousma
Pilot: C. Gordon Fullerton
Mission Duration: 8 days, 4 min, 45 sec
Orbits of Earth: 129
Office of Space Science (OSS) and material science experiments

STS-4—Columbia
June 27-July 4, 1982
Commander: Thomas K. Mattingly II
Pilot: Henry W. Hartsfield, Jr.
Mission Duration: 7 days, 1 hr, 9 min, 40 sec
Orbits of Earth: 112
Scientific experiments

STS-5—Columbia
November 11-16, 1982
Commander: Vance D. Brand
Pilot: Robert F. Overmyer
Mission Specialists: Joseph P. Allen, William B. Lenoir
Mission Duration: 5 days, 2 hr, 14 min, 26 sec
Orbits of Earth: 81
Deployment of Telesat-E (Canadian communications satellite) and Satellite Business Systems (SBS)-C

STS-6—Challenger
April 4-9, 1983
Commander: Paul J. Weitz
Pilot: Karol J. Bobko
Mission Specialists: Donald H. Peterson, F. Story Musgrave
Mission Duration: 5 days, 23 min, 42 sec
Orbits of Earth: 80
Deployment of Tracking and Data Relay Satellite (TDRS)-A

STS-7—Challenger
June 18-24, 1983
Commander: Robert L. Crippen
Pilot: Frederick H. Hauck
Mission Specialists: Sally K. Ride, John M. Fabian, Norman E. Thagard
Mission Duration: 6 days, 2 hr, 23 min, 59 sec
Orbits of Earth: 97
Deployment of PALAPA-B1 (Indonesia communications satellite), Telesat-F, and German Shuttle Pallet Satellite (SPAS)-01; OSTA-2 experiments

STS-8—Challenger
August 30-September 5, 1983
Commander: Richard H. Truly
Pilot: Daniel C. Brandenstein
Mission Specialists: Guion S. Bluford, Jr., Dale A. Gardner, William E. Thornton
Mission Duration: 6 days, 1 hr, 8 min, 43 sec
Orbits of Earth: 97
Deployment of INSAT (India communications satellite); biomedical experiments

STS-9—Columbia
November 28-December 8, 1983
Commander: John W. Young
Pilot: Brewster H. Shaw, Jr.
Mission Specialists: Robert A.R. Parker, Owen K. Garriott
Payload Specialists: Byron K. Lichtenberg, Ulf D. Merbold
Mission Duration: 10 days, 7 hr, 47 min, 24 sec
Orbits of Earth: 166
Spacelab-1

41-B—Challenger
February 3-11, 1984
Commander: Vance D. Brand
Pilot: Robert L. Gibson
Mission Specialists: Bruce McCandless II, Ronald E. McNair, Robert L. Stewart
Mission Duration: 7 days, 23 hr, 15 min, 55 sec
Orbits of Earth: 127
Deployment of PALAPA-B2, WESTAR-VI, and SPAS-01; manned maneuvering unit (MMU) tests

41-C—Challenger
April 6-13, 1984
Commander: Robert L. Crippen
Pilot: Francis R. (Dick) Scobee
Mission Specialists: Terry J. Hart, James D. van Hoften, George D. Nelson
Mission Duration: 6 days, 23 hr, 40 min, 7 sec
Orbits of Earth: 107
Long-Duration Exposure Facility (LDEF) deployment, solar maximum mission (SMM) satellite repair in orbit via MMU extravehicular activity (EVA)

41-D—Discovery
August 30-September 5, 1984
Commander: Henry W. Hartsfield, Jr.
Pilot: Michael L. Coats
Mission Specialists: Richard M. Mullane, Steven A. Hawley, Judith A. Resnik
Payload Specialist: Charles D. Walker
Mission Duration: 6 days, 56 min, 4 sec
Orbits of Earth: 96
Deployment of SBS-D, Syncom IV-2, and Telstar 3-C (American Telephone and Telegraph), Office of Aeronautics and Space Technology (OAST)-1 experiments

41-G—Challenger
October 5-13, 1984
Commander: Robert L. Crippen
Pilot: Jon A. McBride
Mission Specialists: David C. Leestma, Sally K. Ride, Kathryn D. Sullivan
Payload Specialists: Paul D. Scully-Power, Marc Garneau
Mission Duration: 8 days, 5 hr, 23 min, 33 sec
Orbits of Earth: 132
Deployment of Earth Radiation Budget Satellite (ERBS), OSTA-3 experiments; EVA refueling

51-A—Discovery
November 8-16, 1984
Commander: Frederick H. Hauck
Pilot: David M. Walker
Mission Specialists: Joseph P. Allen, Anna L. Fisher, Dale A. Gardner
Mission Duration: 7 days, 23 hr, 44 min, 56 sec
Orbits of Earth: 126
Deployment of Telesat-H and Syncom IV-1; EVA retrieval of PALAPA-B2 and WESTAR VI for repair on Earth

51-C—Discovery
January 24-27, 1985
Commander: Thomas K. Mattingly II
Pilot: Loren J. Shriver
Mission Specialists: Ellison S. Onizuka, James F. Buchli
Payload Specialist: Gary E. Payton
Mission Duration: 3 days, 1 hr, 33 min, 23 sec
Orbits of Earth: 49
Department of Defense (DOD) mission

51-D—Discovery
April 12-19, 1985
Commander: Karol J. Bobko
Pilot: Donald E. Williams
Mission Specialists: Jeffrey A. Hoffman, S. David Griggs, M. Rhea Seddon
Payload Specialists: Charles D. Walker, Senator E. Jake Garn (Utah)
Mission Duration: 6 days, 23 hr, 55 min, 23 sec
Orbits of Earth: 109
Deployment of Telesat-I and Syncom IV-3; EVA to correct propulsion stage

51-E—Challenger
April 23-May 6, 1985
Commander: Robert F. Overmyer
Pilot: Frederick D. Gregory
Mission Specialists: Don L. Lind, Norman E. Thagard, William E. Thornton
Payload Specialists: Taylor E. Wang, Lodewijk van den Berg
Mission Duration: 7 days, 8 min, 46 sec
Orbits of Earth: 110
Spacelab 3

51-G—Discovery
June 17-24, 1985
Commander: Daniel C. Brandenstein
Pilot: John O. Creighton
Mission Specialists: John M. Fabian, Steven R. Nagel, Shannon W. Lucid
Payload Specialists: Patrick Baudry, Sultan Salman Abdul Azziz Al Sa'ud
Mission Duration: 7 days, 1 hr, 38 min, 52 sec
Orbits of Earth: 111
Deployment of Morelos-A (Mexico communications satellite), Arabsat-1B (Arab League communications satellite), and Telstar

51-F—Challenger
July 29-August 6, 1985
Commander: C. Gordon Fullerton
Pilot: Roy D. Bridges
Mission Specialists: F. Story Musgrave, Anthony W. England, Karl G. Henize
Payload Specialists: Loren W. Acton, John-David Bartoe
Mission Duration: 7 days, 22 hr, 45 min, 26 sec
Orbits of Earth: 126
Spacelab-2

51-I—Discovery
August 27-September 3, 1985
Commander: Joe H. Engle
Pilot: Richard O. Covey
Mission Specialists: James D. van Hoften, William F. Fisher, John M. Lounge
Mission Duration: 7 days, 2 hr, 17 min, 42 sec
Orbits of Earth: 111
Deployment of American Satellite Company (ASC)-1, AUSSAT-1 (Australian communications satellite), and Syncom IV-4; EVA retrieval and repair of Leasat 3; Physical Vapor Transport Organic Solids (PVTOS) experiment

51-J—Atlantis
October 3-7, 1985
Commander: Karol J. Bobko
Pilot: Ronald J. Grabe
Mission Specialists: David C. Hilmers, Robert L. Stewart
Payload Specialist: William A. Pailles
Mission Duration: 4 days, 1 hr, 44 min, 38 sec
Orbits of Earth: 63
DOD mission

61-A—Challenger
October 30-November 6, 1985
Commander: Henry W. Hartsfield, Jr.
Pilot: Steven R. Nagel
Mission Specialists: James F. Buchli, Guion S. Bluford, Jr., Bonnie J. Dunbar
Payload Specialists: Reinhard Furrer, Wubbo Ockels, Ernst Messerschmid
Mission Duration: 7 days, 44 min, 51 sec
Orbits of Earth: 111
Spacelab D-1

61-B—Atlantis
November 26-December 3, 1985
Commander: Brewster H. Shaw, Jr.
Pilot: Bryan D. O'Connor
Mission Specialists: Sherwood C. Spring, Mary L. Cleave, Jerry L. Ross
Payload Specialists: Charles D. Walker, Rodolfo Neri Vela
Mission Duration: 6 days, 21 hr, 4 min, 49 sec
Orbits of Earth: 108
Deployment of SATCOM Ku-2 (RCA-Satellite Communications), Morelos-B, and AUSSAT-2; EVA construction of erectable structure

61-C—Columbia
January 12-16, 1986
Commander: Robert L. Gibson
Pilot: Charles F. Bolden, Jr.
Mission Specialists: George D. Nelson, Steven A. Hawley, Franklin R. Chang-Diaz
Payload Specialists: Robert J. Cenker, Bill Nelson
Mission Duration: 6 days, 2 hr, 3 min, 51 sec
Orbits of Earth: 97
Deployment of SATCOM Ku-1; materials and astronomy experiments

51-L—Challenger
January 28, 1986
Commander: Francis R. (Dick) Scobee
Pilot: Michael J. Smith
Mission Specialists: Ellison S. Onizuka, Judith A. Resnik, Ronald E. McNair
Payload Specialists: Gregory Jarvis, Sharon Christa McAuliffe (teacher in space)
Loss of vehicle and crew

STS-26—Discovery
September 29-October 3, 1988
Commander: Frederick H. Hauck
Pilot: Richard O. Covey
Mission Specialists: John M. Lounge, George D. Nelson, David C. Hilmers
Mission Duration: 4 days, 1 hr, 11 sec
Orbits of Earth: 63
Deployment of TDRS-C

STS-27—Atlantis
December 2-6, 1988
Commander: Robert L. Gibson
Pilot: Guy S. Gardner
Mission Specialists: Richard M. Mullane, Jerry L. Ross, William M. Shepherd
Mission Duration: 4 days, 9 hr, 5 min, 35 sec
Orbits of Earth: 68
DOD mission

STS-29—Discovery
March 13-18, 1989
Commander: Michael L. Coats
Pilot: John E. Blaha
Mission Specialists: James F. Buchli, Robert C. Springer, James P. Baglan
Mission Duration: 4 days, 23 hr, 38 min, 52 sec
Orbits of Earth: 79
Deployment of TDRS-D; life science experiments

STS-30—Atlantis
May 4-8, 1989
Commander: David M. Walker
Pilot: Ronald J. Grabe
Mission Specialists: Norman E. Thagard, Mary L. Cleave, Mark C. Lee
Mission Duration: 4 days, 57 min, 31 sec
Orbits of Earth: 64
Deployment of Magellan spacecraft to Venus

STS-32—Columbia
August 8-13, 1989
Commander: Brewster H. Shaw, Jr.
Pilot: Richard N. Richards
Mission Specialists: David C. Leestma, James C. Adamson, Mark N. Brown
Mission Duration: 5 days, 1 hr, 9 sec
Orbits of Earth: 81
DOD mission

STS-34—Atlantis
October 18-23, 1989
Commander: Donald E. Williams
Pilot: Michael J. McCulley
Mission Specialists: Shannon W. Lucid, Ellen S. Baker, Franklin R. Chang-Diaz
Mission Duration: 4 days, 23 hr, 39 min, 24 sec
Orbits of Earth: 79
Deployment of Galileo spacecraft to Jupiter

STS-33—Discovery
November 22-27, 1989
Commander: Frederick D. Gregory
Pilot: John E. Blaha
Mission Specialists: F. Story Musgrave, Kathryn C. Thornton, Manley L. (Sonny) Carter
Mission Duration: 5 days, 6 min, 49 sec
Orbits of Earth: 78
DOD mission

STS-32—Columbia
January 9-20, 1990
Commander: Daniel C. Brandenstein
Pilot: James D. Wetherbee
Mission Specialists: Bonnie J. Dunbar, G. David Low, Marsha S. Ivins
Mission Duration: 10 days, 21 hr, 37 sec
Orbits of Earth: 171
Deployment of Syncom IV-5; retrieval of LDEF

STS-36—Atlantis
February 28-March 4, 1990
Commander: John O. Creighton
Pilot: John H. Casper
Mission Specialists: David C. Hilmers, Richard M. Mullane, Pierre J. Thuot
Mission Duration: 4 days, 10 hr, 18 min, 23 sec
Orbits of Earth: 72
DOD mission

STS-31—Discovery
April 24-29, 1990
Commander: Loren J. Shriver
Pilot: Charles F. Bolden, Jr.
Mission Specialists: Steven A. Hawley, Bruce McCandless II, Kathryn D. Sullivan
Mission Duration: 5 days, 1 hr, 16 min, 5 sec
Orbits of Earth: 76
Deployment of Hubble Space Telescope

STS-41—Discovery
October 6-10, 1990
Commander: Richard N. Richards
Pilot: Robert D. Cabana
Mission Specialists: Bruce E. Melnick, William M. Shepherd, Thomas D. Akers
Mission Duration: 4 days, 2 hr, 10 min
Orbits of Earth: 65
Deployment of Ulysses

STS-38—Atlantis
November 15-20, 1990
Commander: Richard O. Covey
Pilot: Frank L. Culbertson
Mission Specialists: Robert C. Springer, Carl J. Meade, Charles D. (Sam) Gemar
Mission Duration: 4 days, 21 hr, 55 min, 22 sec
Orbits of Earth: 79
DOD mission

STS-35—Columbia
December 2-10, 1990
Commander: Vance D. Brand
Pilot: Guy S. Gardner
Mission Specialists: Jeffrey A. Hoffman, John M. Lounge, Robert A. R. Parker
Payload Specialists: Samuel T. Durrance, Ronald A. Parise
Mission Duration: 8 days, 23 hr, 5 min, 8 sec
Orbits of Earth: 142
Ultraviolet Astronomy Telescope (Astro)

STS-37—Atlantis
April 5-11, 1991
Commander: Steven R. Nagel
Pilot: Kenneth D. Cameron
Mission Specialists: Jerry L. Ross, Jerome Apt, Linda M. Godwin
Mission Duration: 5 days, 23 hr, 32 min, 44 sec
Orbits of Earth: 93
Gamma Ray Observatory

STS-39—Discovery
April 29-May 6, 1991
Commander: Michael L. Coats
Pilot: L. Blaine Hammond, Jr.
Mission Specialists: Gregory J. Harbaugh, Donald R. McMonagle, Guion S. Bluford, Jr., Charles L. (Lacy) Veach, Richard J. Hieb
Mission Duration: 8 days, 7 hr, 22 min, 22 sec
Orbits of Earth: 134
Infrared Background Signature Survey (IBSS)

STS-40—Columbia
June 5-14, 1991
Commander: Bryan D. O'Connor
Pilot: Sidney M. Gutierrez
Mission Specialists: M. Rhea Seddon, James P. Baglan, Tamara E. Jernigan
Payload Specialists: F. Drew Gaffney, Millie Hughes-Fulford
Mission Duration: 9 days, 2 hr, 14 min, 20 sec
Orbits of Earth: 146
Spacelab Life Sciences (SLS)-1

STS-43—Atlantis
August 2-11, 1991
Commander: John E. Blaha
Pilot: Michael A. Baker
Mission Specialists: Shannon W. Lucid, G. David Low, James C. Adamson
Mission Duration: 8 days, 21 hr, 21 min, 25 sec
Orbits of Earth: 142
TDRS-E

STS-40—Discovery
September 12-18, 1991
Commander: John O. Creighton
Pilot: Kenneth S. Rightflier, Jr.
Mission Specialists: James F. Buchli, Mark N. Brown, Charles D. (Sam) Gemar
Mission Duration: 5 days, 8 hr, 27 min, 34 sec
Orbits of Earth: 81
Upper Atmosphere Research Satellite (UARS)

STS-44—Atlantis
November 24-December 1, 1991
Commander: Frederick D. Gregory
Pilot: Terence T. (Tom) Henricks
Mission Specialists: F. Story Musgrave, Mario Runco, Jr., James S. Voss
Payload Specialist: Thomas J. Hennen
Mission Duration: 6 days, 22 hr, 50 min, 42 sec
Orbits of Earth: 109
Defense Support Program

STS-42—Discovery
January 22-30, 1992
Commander: Ronald J. Grabe
Pilot: Stephen S. Oswald
Mission Specialists: David C. Hilmers, Norman E. Thagard, William F. Readdy
Payload Specialists: Ulf D. Merbold, Roberta L. Bondar
Mission Duration: 8 days, 1 hr, 14 min, 45 sec
Orbits of Earth: 129
International Microgravity Laboratory (IML)-1

STS-46—Atlantis
March 24-April 2, 1992
Commander: Charles F. Bolden, Jr.
Pilot: Brian J. Duffy
Payload Commander: Kathryn D. Sullivan
Mission Specialists: David C. Leestma, C. Michael Foale, William S. McArthur, Jr.
Payload Specialist: Martin J. Fettman
Mission Duration: 14 days, 0 hr, 12 min, 32 sec
Orbits of Earth: 225
Spacelab Life Sciences-2

STS-49—Endeavour
May 7-16, 1992
Commander: Daniel C. Brandenstein
Pilot: Kevin P. Chilton
Mission Specialists: Pierre J. Thuot, Kathryn C. Thornton, Richard J. Hieb, Thomas D. Akers, Bruce E. Melnick
Mission Duration: 8 days, 21 hr, 17 min, 39 sec
Orbits of Earth: 141
Intelsat-VI rebost mission hardware

STS-50—Columbia
June 25-July 9, 1992
Commander: Richard N. Richards
Pilot: Kenneth D. Bowersox
Payload Commander: Bonnie J. Dunbar
Mission Specialists: Ellen S. Baker, Carl J. Meade
Payload Specialists: Lawrence J. DeLucas, Eugene H. Trinh
Mission Duration: 13 days, 19 hr, 30 min, 4 sec
Orbits of Earth: 221
United States Microgravity Laboratory (USML)-1

STS-48—Atlantis
July 31-August 8, 1992
Commander: Loren J. Shriver
Pilot: Andrew M. Allen
Payload Commander: Jeffrey A. Hoffman
Mission Specialists: Franklin R. Chang-Diaz, Claude Nicollier, Marsha S. Ivins
Payload Specialist: Franco Malerba
Mission Duration: 7 days, 23 hr, 16 min, 7 sec
Orbits of Earth: 127
Tethered Satellite System (TSS)-1

STS-47—Endeavour
September 12-20, 1992
Commander: Robert L. Gibson
Pilot: Curtis L. Brown, Jr.
Mission Specialists: Mark C. Lee, Jerome Apt, N. Jan Davis, Mae C. Jemison
Payload Specialist: Mamoru Mohri
Mission Duration: 7 days, 22 hr, 31 min, 11 sec
Orbits of Earth: 127
Spacelab-J

STS-52—Columbia
October 22-November 1, 1992
Commander: James D. Wetherbee
Pilot: Michael A. Baker
Mission Specialists: William M. Shepherd, Tamara E. Jernigan, Charles L. (Lacy) Veach
Payload Specialist: Steven MacLean
Mission Duration: 9 days, 20 hr, 56 min, 13 sec
Orbits of Earth: 199
Laser Geodynamic Satellite (LAGEOS) II

STS-53—Discovery
December 2-9, 1992
Commander: David M. Walker
Pilot: Robert D. Cabana
Mission Specialists: Guion S. Bluford, Jr., James S. Voss, Michael Richard (Rich) V. Clifford
Mission Duration: 7 days, 7 hr, 19 min, 17 sec
Orbits of Earth: 116
DOD mission

STS-54—Endeavour
January 13-19, 1993
Commander: John H. Casper
Pilot: Donald R. McMonagle
Mission Specialists: Mario Runco, Jr., Gregory J. Harbaugh, Susan J. Helms
Mission Duration: 5 days, 23 hr, 38 min, 17 sec
Orbits of Earth: 96
TDRS-F

STS-58—Discovery
April 8-17, 1993
Commander: Kenneth D. Cameron
Pilot: Stephen S. Oswald
Mission Specialists: Kenneth D. Cockrell, C. Michael Foale, Ellen Ochoa
Mission Duration: 9 days, 6 hr, 8 min, 24 sec
Orbits of Earth: 148
ATLAS-2

STS-56—Columbia
April 26-May 6, 1993
Commander: Steven R. Nagel
Pilot: Terence T. (Tom) Henricks
Payload Commander: Jerry L. Ross
Mission Specialists: Bernard A. Harris, Jr., Charles J. Precourt
Payload Specialists: Hans Schlegel (Germany), Ulrich Walter (Germany)
Mission Duration: 9 days, 23 hr, 39 min, 59 sec
Orbits of Earth: 160
Spacelab 2

STS-57—Endeavour
June 21-July 1, 1993
Commander: Ronald J. Grabe
Pilot: Brian J. Duffy
Payload Commander: G. David Low
Mission Specialists: Janice E. Voss, Nancy J. Sherlock, Peter J. K. (Jeff) Wisoff
Mission Duration: 9 days, 23 hr, 44 min, 54 sec
Orbits of Earth: 155
SPACEHAB-01

STS-51—Discovery
September 12-22, 1993
Commander: Frank L. Culbertson, Jr.
Pilot: William F. Readdy
Mission Specialists: Daniel W. Bursch, James H. Newman, Carl E. Walz
Mission Duration: 9 days, 20 hr, 11 min, 11 sec
Orbits of Earth: 157
Advanced Communications Technology Satellite (ACTS)

STS-58—Columbia
October 18-November 1, 1993
Commander: John E. Blaha
Pilot: Richard A. Searfoss
Payload Commander: M. Rhea Seddon
Mission Specialists: Shannon W. Lucid, David A. Wolf, William S. McArthur, Jr.
Payload Specialist: Martin J. Fettman
Mission Duration: 14 days, 0 hr, 12 min, 32 sec
Orbits of Earth: 225
Spacelab Life Sciences-2

STS-61—Endeavour
December 2-13, 1993
Commander: Richard O. Covey
Pilot: Kenneth D. Bowersox
Payload Commander: F. Story Musgrave
Mission Specialists: Thomas D. Akers, Jeffrey A. Hoffman, Kathryn C. Thornton, Claude Nicollier
Mission Duration: 10 days, 19 hr, 58 min, 33 sec
Orbits of Earth: 163
Hubble Space Telescope optical correction, SM-1, ICBC

STS-60—Discovery
February 3-11, 1994
Commander: Charles F. Bolden, Jr.
Pilot: Kenneth S. Rightflier, Jr.
Payload Commander: Franklin R. Chang-Diaz
Mission Specialists: N. Jan Davis, Ronald M. Sega, Sergei K. Krikalev
Mission Duration: 8 days, 7 hr, 10 min, 13 sec
Orbits of Earth: 131
SPACEHAB-02

STS-62—Columbia
March 4-18, 1994
Commander: John H. Casper
Pilot: Andrew M. Allen
Mission Specialists: Pierre J. Thuot, Charles D. (Sam) Gemar, Marsha S. Ivins
Mission Duration: 13 days, 23 hr, 17 min, 28 sec
Orbits of Earth: 228
United States Microgravity Payload (USMP) 2

STS-65—Endeavour
April 9-20, 1994
Commander: Sidney M. Gutierrez
Pilot: Kevin P. Chilton
Payload Commander: Linda M. Godwin
Mission Specialists: Jay Apt, Michael R. (Rich) Clifford, Thomas D. Jones
Mission Duration: 11 days, 5 hr, 49 min, 30 sec
Orbits of Earth: 183
Space Radar Laboratory (SRL) 1

STS-66—Columbia
July 8-23, 1994
Commander: Robert D. Cabana
Pilot: James D. Halsell, Jr.
Payload Commander: Richard J. Hieb
Mission Specialists: Carl E. Walz, Leroy Chiao, Donald A. Thomas
Payload Specialists: Chiaki Naito-Mukai
Mission Duration: 14 days, 17 hr, 56 min
Orbits of Earth: 236
International Microgravity Laboratory (IML) 2

STS-64—Discovery
September 9-20, 1994
Commander: Richard N. Richards
Pilot: L. Blaine Hammond, Jr.
Mission Specialists: Carl J. Meade, Mark C. Lee, Susan J. Helms, Jerry M. Linenger
Mission Duration: 10 days, 22 hr, 49 min, 57 sec
Orbits of Earth: 177
Lidar In-Space Technology Experiment (LITE)

STS-68—Endeavour
September 30-October 11, 1994
Commander: Michael A. Baker
Pilot: Terrence W. Wilcutt
Payload Commander: Thomas D. Jones
Mission Specialists: Steven L. Smith, Peter J.K. (Jeff) Wisoff, Daniel W. Bursch
Mission Duration: 11 days, 5 hr, 47 min, 8 sec
Orbits of Earth: 183
Space Radar Laboratory (SRL) 2

STS-69—Atlantis
November 3-14, 1994
Commander: Donald R. McMonagle
Pilot: Curtis L. Brown, Jr.
Payload Commander: Ellen Ochoa
Mission Specialists: Scott E. Parazynski, Joseph R. Tanner, Jean-Francois Clervoy
Mission Duration: 10 days, 22 hr, 34 min, 51 sec
Orbits of Earth: 174
Atmospheric Laboratory for Applications and Science (ATLAS) 3

STS-63—Discovery
February 3-11, 1995
Commander: James D. Wetherbee
Pilot: Eileen Marie Collins
Mission Specialists: C. Michael Foale, Janice E. Voss, Bernard A. Harris, Jr., Vladimir Titov
Mission Duration: 8 days, 6 hr, 29 min, 35 sec
Orbits of Earth: 130
Mir Rendezvous
SPACEHAB-03

STS-67—Endeavour
March 2-18, 1995
Commander: Stephen S. Oswald
Pilot: William G. Gregory
Payload Commander: Tamara E. Jernigan
Mission Specialists: John M. Grunfeld, Wendy B. Lawrence
Payload Specialists: Ronald A. Parise, Samuel T. Durrance
Mission Duration: 16 days, 15 hr, 9 min, 46 sec
Orbits of Earth: 263
Ultraviolet Astronomy (ASTRO) 2

STS-71—Atlantis
June 27-July 7, 1995
Commander: Robert L. (Hoot) Gibson
Pilot: Charles J. Precourt, Jr.
Payload Commander: Ellen S. Baker
Mission Specialists: Gregory J. Harbaugh, Bonnie J. Dunbar
Mir-19 Crew Members: Anatoly Solovoyev (Russia)-up only, Nikolai Budarin (Russia)-up only, Gennadiy Strekalov (Russia)-down only, Norman E. Thagard (U.S.)-down only
Mission Duration: 9 days, 19 hr, 23 min, 8 sec
Orbits of Earth: 154
Shuttle-Mir Mission 1 Docking, Spacelab-Mir

STS-70—Discovery
July 13-22, 1995
Commander: Terence T. (Tom) Henricks
Pilot: Kevin P. Chilton
Mission Specialists: Nancy J. Currie, Donald A. Thomas, Mary Ellen Weber
Mission Duration: 8 days, 22 hr, 20 min, 5 sec
Orbits of Earth: 142
Tracking and Data Relay Satellite (TDRS) G Inertial Upper Stage

STS-69—Endeavour
September 7-18, 1995
Commander: David M. Walker
Pilot: Kenneth D. Cockrell
Payload Commander: James S. Voss
Mission Specialists: Michael L. Gernhardt, James H. Newman
Mission Duration: 10 days, 20 hr, 29 min, 52 sec
Orbits of Earth: 171
Wake Shield Facility (WSF) 2

STS-73—Columbia
October 20-November 5, 1995
Commander: Kenneth D. Bowersox
Pilot: Kent V. Rominger
Payload Commander: Kathryn C. Thornton
Mission Specialists: Catherine G. (Cady) Coleman, Michael E. Lopez-Alegria
Payload Specialists: Fred W. Leslie, Albert Sacco, Jr.
Mission Duration: 15 days, 21 hr, 53 min, 16 sec
Orbits of Earth: 256
United States Microgravity Laboratory (USML) 2

STS-74—Atlantis
November 12-20, 1995
Commander: Kenneth D. Cameron
Pilot: James D. Halsell, Jr.
Mission Specialists: Chris A. Hadfield, Jerry L. Ross, William S. McArthur, Jr.
Mir-20 Crew Members (Aboard Mir): Yuri Gidzenko, Sergei Avdeyev, Thomas Reiter
Mission Duration: 8 days, 4 hr, 31 min, 42 sec
Orbits of Earth: 129
Shuttle-Mir Mission 2 Docking

STS-72—Endeavour
January 11-20, 1996
Commander: Brian K. Duffy
Pilot: Brent W. Jett, Jr.
Mission Specialists: Leroy Chiao, Winston E. Scott, Koichi Wakata, Daniel T. Barry
Mission Duration: 8 days, 22 hr, 1 min, 47 sec
Orbits of Earth: 142
Space Flyer Unit (SFU) retrieval

STS-76—Columbia
February 22-March 9, 1996
Commander: Andrew M. Allen
Pilot: Scott J. (Doc) Horowitz
Payload Commander: Franklin R. Chang-Diaz
Mission Specialists: Jeffrey A. Hoffman, Maurizio Cheli, Claude Nicollier
Payload Specialist: Umberto Guidoni
Mission Duration: 15 days, 17 hr, 40 min, 21 sec
Orbits of Earth: 252
Tethered Satellite System (TSS) Reflight (1R)

STS-78—Atlantis
March 22-31, 1996
Commander: Kevin P. Chilton
Pilot: Richard A. Searfoss
Mission Specialists: Shannon W. Lucid-up only, Linda M. Godwin, Michael R. (Rich) Clifford, Ronald M. Sega
Mission Duration: 9 days, 5 hr, 16 min, 48 sec
Orbits of Earth: 145
Shuttle-Mir Mission 3 Docking, SPACEHAB

STS-77—Endeavour
May 19-29, 1996
Commander: John H. Casper
Pilot: Curtis L. Brown
Mission Specialists: Daniel W. Bursch, Mario Runco, Jr., Andrew S.W. Thomas, Marc Garneau
Mission Duration: 10 days, 0 hr, 40 min, 10 sec
Orbits of Earth: 161
SPACEHAB-04, Technology Experiments Advancing Missions in Space (TEAMS)

STS-79—Columbia
June 20-July 7, 1996
Commander: Terence T. (Tom) Henricks
Pilot: Kevin