



APOLLO 7

Launch

Oct. 11, 1968; 11:02:45 a.m. EST

Launch Complex 34

Saturn-IB AS-205

First Block II Apollo CSM

First crewed Apollo CSM mission

First three-person American crew

First live TV downlink

Landing

Oct. 22, 1968; 7:11:48 a.m. EDT, Atlantic Ocean

Recovery Ship: USS Essex

Crew

Walter Schirra Jr., Commander

R. Walter Cunningham, Lunar Module Pilot

Donn F. Eisele, Command Module Pilot

Orbit

Altitude: 141.65 miles

Inclination: 31.608 degrees

Orbits: 163 revolutions

Duration: 10 days, 20 hours, nine minutes, three seconds

Distance: 4,546,918.3 miles



APOLLO 8



Crew

Frank Borman, Commander
William A. Anders, Lunar Module Pilot
James A. Lovell Jr., Command Module Pilot

Orbit

Altitude: 118.82 miles
Inclination: 32.509 degrees
Orbits: 10 revolutions
Duration: six days, three hours, 42 seconds
Distance: 579,606.9 miles

Launch

Dec. 21, 1968; 7:51 a.m. EST
Launch Pad 39A
Saturn-V AS-503
High Bay 1
Mobile Launcher Platform-1
Firing Room 1

Landing

Dec. 27, 1968; 10:52 a.m. EST
Pacific Ocean
Recovery Ship: USS Yorktown

APOLLO 9



Crew

James A. McDivitt, Commander

Russell L. Schweickart, Lunar Module Pilot

David R. Scott, Command Module Pilot

Orbit

Altitude: 118.63 miles

Inclination: 32.552 degrees

Orbits: 151 revolutions

Duration: 10 days, one hour, 54 seconds

Distance: 4,214,543 miles

Launch

March 3, 1969; 11:00 a.m. EST

Launch Pad 39A

Saturn-V AS-504

High Bay 3

Mobile Launcher Platform-2

Firing Room 2

Landing

March 13, 1969; 12:01 p.m. EST, Atlantic Ocean

Recovery Ship: USS Guadalcanal





Crew

Thomas Stafford, Commander
Eugene Cernan, Lunar Module Pilot
John Young, Command Module Pilot

Orbit

Altitude: 118.83 miles
Inclination: 32.546 degrees
Orbits: 31 revolutions
Duration: eight days, 23 minutes, 23 seconds
Distance: 829,437.5 miles

Launch

May 18, 1969; 12:49 p.m. EDT
Launch Pad 39B
Saturn-V AS-505
High Bay 2
Mobile Launcher Platform-3
Firing Room 3

Landing

May 26, 1969; 12:52:23 p.m. EDT
Pacific Ocean
Recovery Ship: USS Princeton



APOLLO 10

Crew

Neil Armstrong, Commander

Edwin E. Aldrin Jr., Lunar Module Pilot

Michael Collins, Command Module Pilot

Orbit

Altitude: 118.65 miles

Inclination: 32.521 degrees

Orbits: 30 revolutions

Duration: eight days, three hours, 18 min, 35 seconds

Distance: 953,054 miles

Lunar Location: Sea of Tranquility

Lunar Coordinates: .71 degrees north, 23.63 degrees east



APOLLO 11



Launch

July 16, 1969; 9:32 a.m. EDT

Launch Pad 39A

Saturn-V AS-506

High Bay 1

Mobile Launcher Platform-1

Firing Room 1

Landing

July 24, 1969; 12:50 p.m. EDT

Pacific Ocean

Recovery Ship: USS Hornet

Crew

Charles Conrad Jr., Commander
Alan L. Bean, Lunar Module Pilot
Richard F. Gordon Jr., Command Module Pilot

Orbit

Altitude: 118.55 miles
Inclination: 32.54 degrees
Orbits: 45 revolutions
Duration: 10 days, four hours, 36 minutes, 25 seconds
Distance: 952,354 miles
Lunar Location: Ocean of Storms
Lunar Coordinates: 3.04 degrees south, 23.42 degrees west

APOLLO 12

Launch

Nov. 14, 1969; 11:22 a.m. EDT
Launch Pad 39A
Saturn-V AS-507
High Bay 3
Mobile Launcher-2
Firing Room 2

Landing

November 24, 1969; 3:58:24 p.m. EST
Pacific Ocean
Recovery Ship: USS Hornet



APOLLO 13



Crew

James A. Lovell Jr., Commander

Fred W. Haise Jr., Lunar Module Pilot

John L. Swigert Jr., Command Module Pilot

Orbit

Altitude: 118.99 miles

Inclination: 32.547 degrees

Earth Orbits: 1.5

Duration: five days, 22 hours,
54 minutes, 41 seconds

Distance: 622,268 miles

Launch

April 11, 1970; 1:13 p.m. CST

Launch Pad 39A

Saturn-V AS-508

High Bay 1

Mobile Launcher Platform-3

Firing Room 1

Landing

April 17, 1970

Pacific Ocean

Recovery Ship: USS Iwo Jima



APOLLO 14



Crew

Alan B. Shepard Jr., Commander
Edgar D. Mitchell, Lunar Module Pilot
Stuart A. Roosa, Command Module Pilot

Orbit

Altitude: 118.55 miles
Inclination: 31.12 degrees
Orbits: 34 revolutions
Duration: nine days, two minutes
Distance: 1,150,321 miles
Lunar Location: Fra Mauro
Lunar Coordinates: 3.65 degrees
south, 17.48 degrees west

Launch

Jan. 31, 1971; 4:03 p.m. EDT
Launch Pad 39A
Saturn-V AS-509
High Bay 3

Mobile Launcher Platform-2
Firing Room 2

Landing

Feb. 9, 1971
Pacific Ocean
Recovery Ship: USS New Orleans

Crew

David R. Scott, Commander

James B. Irwin, Lunar Module Pilot

Alfred M. Worden, Command Module Pilot

Orbit

Altitude: 99.7 miles

Inclination: 29.679 degrees

Orbits: 74 revolutions

Duration: 12 days, 17 hours, 12 min

Distance: 1,274,137 miles

Lunar Location: Hadley-Apennine

Lunar Coordinates: 26.08 degrees
north, 3.66 degrees east



APOLLO 15



Launch

July 26, 1971; 9:34:00 a.m. EDT

Launch Pad 39A

Saturn-V AS-510

High Bay 3

Mobile Launcher Platform-3

Firing Room 1

Landing

Aug. 7, 1971, Pacific Ocean

Recovery Ship: USS Okinawa

APOLLO 16



Crew

John W. Young, Commander

Charles M. Duke Jr., Lunar Module Pilot

Thomas K. Mattingly II, Command Module Pilot

Orbit

Altitude: 107.5 miles

Inclination: 32.54 degrees

Orbits: 64 revolutions

Duration: 11 days, one hour, 51 minutes

Surface Time: 71:02:13

Distance: 1,391,550 miles

Lunar Location: Descartes Highlands

Lunar Coordinates: 8.97 degrees

south, 15.51 degrees east

Launch

April 16, 1972; 12:54:00:567 p.m. EST

Launch Pad 39A

Saturn-V SA-511

High Bay 3

Mobile Launcher Platform-3

Firing Room 1

Landing

April 27, 1972

Pacific Ocean

Recovery Ship: USS Ticonderoga



Crew

Eugene A. Cernan, Commander

Harrison H. Schmitt, Lunar Module Pilot

Ronald E. Evans, Command Module Pilot

Orbit

Altitude: 105.86 miles

Inclination: 28.526 degrees

Orbits: 75 revolutions

Duration: 12 days, 13 hours, 52 minutes

Surface Time: 75 hours

Distance: 1,484,933.8 miles

Lunar Location: Taurus-Littrow

Lunar Coordinates: 20.16 degrees north, 30.77 degrees east



APOLLO 17



Launch

Dec. 7, 1972; 12:33 a.m. EST

Launch Pad 39A

Saturn-V SA-512

High Bay 3

Mobile Launcher Platform-3

Firing Room 1

Landing

Dec. 19, 1972

Pacific Ocean

Recovery Ship: USS Ticonderoga