



Scouting and Space Exploration

F A C T S H E E T

The BSA launched the Space Exploration merit badge in 1965.

- Since then, over 420,000 badges have been earned by Scouts.
- The requirements for earning this badge may include:
 - building, launching, and recovering a model rocket
 - designing an earth-orbiting space station
 - learning how satellites stay in orbit
 - and more...(See www.scouting.org for exact requirements.)

NASA provides students, particularly Scouts, with many opportunities.

- Ideas and information for Cub Scout achievements can be found at: <http://spaceplace.jpl.nasa.gov/en/kids/cubscouts>
- Ideas and information for Boy Scout achievements can be found at: http://genesission.jpl.nasa.gov/product/community/scout_overview.html

The National Aeronautic and Space Administration selected the first group of astronauts in 1959.

- Of the 320 pilots and scientists selected since 1959, 181 were in Scouting.
- Of the 12 men to walk on the moon, 11 were Scouts.

Alphabetical Listing of Astronauts Who Were Scouts

Includes highest rank earned, NASA flight experience, and hometown.
(*c*, current astronaut; *f*, former astronaut; *d*, deceased)

Source: NASA 2005 Fact Book

James C. Adamson, <i>f</i> Eagle Scout Scout STS-28, STS-43 Woodbine, Maryland	Buzz Aldrin, Ph.D., <i>f</i> Tenderfoot Gemini 12, Apollo 11 Montclair, New York	Andrew M. Allen, <i>f</i> Cub Scout STS-46, STS-62, STS-75 Titusville, Florida
Joseph P. Allen, Ph.D., <i>f</i> First Class Scout STS-5, STS-51A Crawfordsville, Indiana	Scott D. Altman, <i>c</i> Second Class Scout STS-90, STS-106, STS-109, STS-125 Pekin, Illinois	William A. Anders, <i>f</i> Life Scout Apollo 8 Lemon Grove, California
Clayton C. Anderson, <i>c</i> First Class Scout ISS, STS-117, STS-120 Ashland, Nebraska	Michael P. Anderson, <i>d</i> Webelos STS-89, STS-107 (Columbia) Spokane, Washington	Neil A. Armstrong, <i>f</i> Eagle Scout Apollo 11, lunar surface Wapakoneta, Ohio



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F A C T S H E E T

Richard R. Arnold, *c*
Webelos
STS-119
Bowie, Maryland

James P. Bagian, M.D.,
P.E., *f*
Eagle Scout
STS-29, STS-40
Philadelphia,
Pennsylvania

Michael A. Baker, *c*
Life Scout
STS-43, STS-52,
STS-68, STS-81
Lemoore, California

Michael R. Barratt, M.D., *c*
Explorer
SoyuzTMA-14,
ISS, STS-71
Vancouver, Washington

Daniel T. Barry,
M.D., Ph.D., *f*
Star Scout
STS-72, STS-96, STS-105
South Hadley,
Massachusetts

Charles A. Bassett II, *d*
Life Scout
Dayton, Ohio

Alan L. Bean, *f*
First Class Scout
Apollo 12, lunar surface,
Skylab 3
Houston, Texas

Michael J. Bloomfield, *f*
First Class Scout
STS-86, STS-97, STS-110
Lake Fenton, Michigan

Guion S. Bluford Jr., *f*
Eagle Scout Scout
STS-8, STS 61-A,
STS-39, STS-53
Philadelphia,
Pennsylvania

Charles F. Bolden Jr., *c*
Second Class Scout
STS-61-C, STS-31,
STS-45, STS-60
Columbia, South Carolina

Kenneth D. Bowersox, *f*
Eagle Scout
STS-50, STS-73,
STS-82, STS-113, ISS,
SoyuzTMA-1
Bedford, Indiana

Charles E. Brady Jr., *d*
Eagle Scout
STS-78
Pinehurst, North Carolina

Vance D. Brand, *f*
Life Scout
Apollo-Soyuz, STS-5,
STS-41B, STS-35
Longmont, Colorado

Roy D. Bridges Jr., *f*
Life Scout
STS-51F
Williamsburg, Virginia

David M. Brown, *d*
Life Scout
STS-107 (Columbia)
Arlington, Virginia

Curtis L. Brown Jr., *f*
Cub Scout
STS-47, STS-66, STS-77,
STS-85, STS-95, STS-103
Elizabethtown,
North Carolina

James F. Buchli, *f*
Second Class Scout
STS-51C, STS-61A,
STS-29, STS-48
Fargo, North Dakota

John S. Bull, *d*
Rank Unknown
Memphis, Tennessee



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F A C T S H E E T

Daniel C. Burbank, *c*
Cub Scout
STS-106
Yarmouthport,
Massachusetts

Daniel W. Bursch, *f*
Tenderfoot Scout
STS-51, STS-68, STS-77,
STS-108, ISS, STS-111
Vestal, New York

Charles J. Camarda, *c*
First Class Scout
STS-114
Ozone Park, Queens,
New York

Kenneth D. Cameron, *f*
Star Scout
STS-37, STS-56, STS-74
Rocky River, Ohio

Duane G. "Digger" Carey, *f*
Cub Scout
STS-109
St. Paul, Minnesota

Scott Carpenter, *f*
Second Class Scout
Aurora 7
Boulder, Colorado

Gerald P. Carr, *f*
Eagle Scout
Skylab 4
Santa Ana, California

Manley Lanier "Sonny"
Carter Jr., *d*
Eagle Scout
STS-33
Warner Robins, Georgia

John H. Casper, *c*
Life Scout
STS-36, STS-54,
STS-62, STS-77
Gainesville, Georgia

Eugena A. Cernan, *f*
Second Class Scout
Gemini IX, Apollo 10,
Apollo 17, lunar surface
Maywood, Illinois

Roger B. Chaffee, *d*
Eagle Scout
Grand Rapid, Michigan

Gregory Errol Chamitoff,
Ph.D., *c*
Eagle Scout
Expedition 17-18 ISS,
STS-124, STS-126
Montreal, Canada

Michael R. "Rich" Clifford, *f*
First Class Scout
STS-53, STS-59, STS-76
Ogden, Utah

Michael L. Coats, *f*
First Class Scout
STS 41-D, STS-29, STS-39
Riverside, California

Charles Conrad Jr., *d*
Cub Scout
Gemini V, Gemini XI,
Apollo XII, Skylab II
Philadelphia,
Pennsylvania

L. Gordon Cooper Jr., *d*
Life Scout Scout
Faith 7, Gemini 5
Ventura, California

Richard O. Covey, *f*
Eagle Scout
STS 51-I, STS-26,
STS-38, STS-61
Fort Walton Beach, Florida

John O. Creighton, *f*
Eagle Scout
STS-51G, STS-36, STS-48
Seattle, Washington

Frank L. Culbertson Jr., *f*
Second Class Scout
STS-38, STS-51,
STS-105, ISS, STS-108
Holly Hill, South Carolina

Benjamin Alvin Drew Jr., *c*
Webelos
STS-118
Washington, D.C.

Brian Duffy, *f*
Cub Scout
STS-45, STS-57,
STS-72, STS-92
Rockland, Massachusetts



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F A C T S H E E T

Charles M. Duke Jr., *f*
Eagle Scout
Apollo 16, lunar surface
Charlotte, North Carolina

James P. Dutton Jr., *c*
Cub Scout
assigned to STS-131
Eugene, Oregon

Donn F. Eisele, *d*
Eagle Scout
Apollo VII
Columbus, Ohio

Anthony W. England,
Ph.D., *f*
Star Scout
STS-51F
West Fargo, North Dakota

Joe H. Engle, *f*
First Class Scout
STS-51I
Dickinson County, Kansas

Ronald E. Evans, *d*
Life Scout
Apollo 17
Scottsdale, Arizona

John M. Fabian, *f*
Life Scout
STS-7, STS-51G
Pullman, Washington

C. Michael Faole, Ph.D., *c*
Wolf Scout
(equivalent to Cub Scout)
STS-45, STS-63, STS-84,
Mir, STS-86, STS-103,
Soyuz TMA-3, ISS
Cambridge, England

Edward M. "Mike" Fincke, *c*
Webelos
ISS Expedition 9,
Soyuz TMA-4
Emsworth, Pennsylvania

William F. Fisher,
M.D., *f*
Star Scout
STS-51I
Webster, Texas

Kevin A. Ford, *c*
Webelos
Montpelier, Indiana

Michael J. Foreman, *c*
First Class Scout
STS-123
Wadsworth, Ohio

Patrick G. Forrester, *c*
Eagle Scout
STS-105, STS-117, STS-128
Springfield, Virginia

Michael E. Fossum, *c*
Eagle Scout
STS-121, STS-124
McAllen, Texas

Theodore C. Freeman, *d*
First Class Scout
Haverford, Pennsylvania

C. Gordon Fullerton, *f*
Eagle Scout
STS-3, STS-3, STS-51F
Portland, Oregon

Ronald J. Garan Jr., *c*
Tenderfoot Scout
STS-124
Yonkers, New York

Dale A. Gardner, *f*
First Class Scout
STS-8, STS-51A
Clinton, Iowa

Guy S. Gardner, *f*
Life Scout
STS-27, STS-35
Alexandria, Virginia

Owen K. Garriott, Ph.D., *f*
Star Scout
Skylab, Spacelab 1
Enid, Oklahoma

Michael L. Gernhardt,
Ph.D., *c*
Cub Scout
STS-69, STS-83, STS-104
Mansfield, Ohio



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F A C T S H E E T

Robert L. Gibson, *f*
Star Scout
STS 41-B, STS 61-C,
STS-27, STS-47, STS-71
Lakewood, California

Edward G. Gibson, Ph.D., *f*
First Class Scout
Skylab 4
Buffalo, New York

Edward G. Givens Jr., *d*
Life Scout
Quanah, Texas

Richard F. Gordon Jr., *f*
Star Scout
Gemini XI, Apollo 12
Seattle, Washington

Dominic L. Pudwill Gorie, *c*
Webelos
STS-91, STS-99,
STS-108, STS-123
Miami, Florida

Frederick D. Gregory, *f*
Life Scout
STS-51B, STS-33, STS-44
Washington, D.C.

William G. Gregory, *f*
Eagle Scout
STS-67
Lockport, New York

S. David Griggs, *d*
Eagle Scout
STS-51D
Portland, Oregon

Virgil I. Grissom, *d*
Star Scout
Liberty Bell 7, first
manned Gemini flight
Mitchell, Indiana

Chris Austin Hadfield, *c*
Cub Scout
STS-74, STS-100, ISS
Sarnia Ontario, Canada

Fred W. Haise Jr., *f*
Star Scout
Apollo 13
Biloxi, Mississippi

L. Blaine Hammond Jr., *f*
First Class Scout
STS-39, STS-64
St. Louis, Missouri

Bernard A. Harris Jr.,
M.D., *f*
Rank Unknown
STS-55, STS-63
San Antonio, Texas

Steven A. Hawley, Ph.D., *f*
Tenderfoot Scout
STS-41D, STS-61C,
STS-31, STS-82, STS-93
Salina, Kansas

S. Karl G. Henize, Ph.D., *d*
First Class Scout
STS-51F
Cincinnati, Ohio

Terence T. "Tom" Henricks, *f*
Cub Scout
STS-44, STS-55,
STS-70, STS-78
Woodville, Ohio

John Bennett Herrington, *f*
Second Class Scout
STS-113
Plano, Texas

Charles O. Hobaugh, *c*
Cub Scout
STS-104, STS-118
North Ridgeville, Ohio

Jeffrey A. Hoffman, Ph.D., *f*
Eagle Scout
STS 51-D, STS-35,
STS-46, STS-61, STS-75
Scarsdale, New York

Rick Douglas Husband, *d*
Second Class Scout
STS-96, STS-107
(Columbia)
Amarillo, Texas

Gregory H. Johnson, *c*
Eagle Scout
STS-123
Fairborn, Ohio



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F A C T S H E E T

Thomas D. Jones, Ph.D., *f*
Eagle Scout
STS-59, STS-68,
STS-80, STS-98
Essex, Maryland

James M. Kelly, *c*
Webelos
STS-102, STS-114
Burlington, Ohio

Mark F. Kelly, *c*
Cub Scout
STS-108, STS-121,
STS-124
West Orange, New Jersey

Scott J. Kelly, *c*
Cub Scout
STS-103, STS-118
West Orange, New Jersey

Timothy L. Kopra, *c*
Tenderfoot Scout
STS-127, STS-128, ISS
Austin, Texas

Kevin R. Kregel, *f*
Life Scout
STS-70, STS-78,
STS-87, STS-99
Amityville, New York

Mark C. Lee, *f*
Eagle Scout
STS-30, STS-47,
STS-64, STS-82
Viroqua, Wisconsin

David C. Leestma, *c*
Cub Scout
STS-41G, STS-28, STS-45
Tustin, California

Don L. Lind, Ph.D., *f*
Eagle Scout
STS-51B
Sandy, Utah

Steven W. Lindsey, *c*
Eagle Scout
STS-87, STS-95,
STS-104, STS-121
Temple City, California

Richard M. Linnehan, *c*
First Class Scout
STS-78, STS-90,
STS-109, STS-123
Pelham, New Hampshire

John A. Llewellyn, Ph.D., *f*
King's Scout (equivalent
to Eagle Scout)
Cardiff, Wales, U.K.

Michael E. Lopez-Alegria, *c*
Cub Scout
STS-73, STS-92,
MS-1, STS-113,
SoyuzTMA-9, ISS
Mission Viejo, California

Christopher J. "Gus"
Loria, *f*
Webelos
League City, Texas

John M. "Mike" Lounge, *f*
Star Scout
STS-51I, STS-26, STS-35
Burlington, Colorado

Jack Robert Lousma, *f*
Tenderfoot Scout
Skylab 3, STS-3
Ann Arbor, Michigan

Stanley G. Love,
Ph.D., *c*
Tenderfoot Scout
STS-122
Eugene, Oregon

James A. Lovell Jr., *f*
Eagle Scout
Gemini 7, Gemini 12,
Apollo 8, Apollo 13
Cleveland, Ohio

G. David Low, *d*
Life Scout
STS-32, STS-43, STS-57
McLean, Virginia

Thomas H. Marshburn,
M.D., *c*
Star Scout
Atlanta, Georgia

Michael J. Massimino,
Ph.D., *c*
Webelos
STS-109, STS-125
Franklin Square, New York



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F A C T S H E E T

Thomas K. Mattingly II, *f*
Life Scout
Apollo 16, STS-4, STS-51C
Miami, Florida

William S. McArthur Jr., *c*
Life Scout
STS-58, STS-76, STS-74,
STS-92, Soyuz TMA, ISS
Wakulla, North Carolina

Jon A. McBride, *f*
Cub Scout
STS 41-G
Beckley, West Virginia

William C. McCool, *d*
Eagle Scout
STS-107 (Columbia)
Lubbock, Texas

Michael J. McCulley, *f*
Eagle Scout
STS-34
Livingston, Tennessee

James A. Jr McDivitt, *f*
Tenderfoot Scout
Gemini 4, Apollo 9
Chicago, Illinois

Ronald E. McNair, Ph.D., *d*
Star Scout
STS 41-B, STS 51-L
(Challenger)
Lake City, South Carolina

Carl J. Meade, *f*
Cub Scout
STS-38, STS-50, STS-64
Chanutte AFB, Illinois

F. Curtis Michel, *f*
Tenderfoot Scout
Sacramento, California

Edgar D. Mitchell, *f*
Life Scout
Apollo 14, lunar surface
Hereford, Texas

Lee M. E. Morin, M.D.,
Ph.D, *c*
Rank Unknown
STS-110
Hudson, Ohio

Richard M. Mullane, *f*
Second Class Scout
STS-41D, STS-27, STS-36
Albuquerque,
New Mexico

Story Musgrave, M.D., *f*
Cub Scout
STS-6, STS-51F/Spacelab
2, STS-33, STS-44,
STS-61, STS-80
Lexington, Kentucky

George D. "Pinky" Nelson,
Ph.D., *f*
First Class Scout
STS-41C, STS-61C,
STS-26
Charles City, Iowa

Soichi Noguchi, *c*
Star Scout
STS-114
Yokohama, Japan

Carlos I. Noriega, *c*
Webelos
STS-84, STS-97
Santa Clara, California

Bryan D. O'Connor, *c*
Explorer
STS-61B, STS-40
Twentynine Palms,
California

William A. Oefelein, *f*
First Class Scout
STS-116
Anchorage, Alaska

Brian T. O'Leary, *f*
Eagle Scout
Boston, Massachusetts

John D. Olivas, Ph.D., P.E., *c*
Webelos
STS-117, STS-128
El Paso, Texas

Ellison S. Onizuka, *d*
Eagle Scout
STS-51C, STS-51L
(Challenger)
Kealahou, Kona, Hawaii



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F A C T S H E E T

Stephen S. Oswald, *f*
Eagle Scout
STS-42, STS-56, STS-67
Bellingham, Washington

Robert F. Overmyer, *d*
First Class Scout
STS-5, STS-51B
Westlake, Ohio

Scott E. Parazynski, M.D., *f*
Eagle Scout
STS-66, STS-86, STS-95,
STS-100, STS-120
Little Rock, Arkansas

Robert A. R. Parker, Ph.D., *f*
Second Class Scout
STS-9/Spacelab 1,
STS-35 Shrewsbury,
Massachusetts

Donald R. Pettit,
Ph.D., *c*
Eagle Scout
ISS, STS-113, STS-126
Silverton, Oregon

John L. Phillips,
Ph.D., *c*
Cub Scout
STS-100, ISS,
STS-114, STS-119
Scottsdale, Arizona

William R. Pogue, *f*
Second Class Scout
Skylab 4
Okemah, Oklahoma

Alan G. Poindexter, *c*
Life Scout
STS-122, STS-122
Rockville, Maryland

Mark Lewis Polansky, *c*
Rank Unknown
STS-98, STS-116, STS-127
Paterson, New York

William F. Readdy, *f*
Cub Scout
STS-42, STS-51, STS-79
McLean, Virginia

Kenneth S. Reightler Jr., *f*
Eagle Scout
STS-48, STS-60
Virginia Beach, Virginia

James F. Reilly II, Ph.D., *f*
First Class Scout
STS-89, STS-104, STS-117
Mesquite, Texas

Paul William Richards, *c*
Tenderfoot Scout
STS-102
Dunmore, Pennsylvania

Stephen K. Robinson,
Ph.D., *c*
Life Scout
STS-85, STS-95, STS-114
Moraga, California

Kent V. Rominger, *f*
Cub Scout
STS-73, STS-80, STS-85,
STS-96, STS-100
Del Norte, Colorado

Walter M. Schirra, *d*
First Class Scout
Sigma 7 Mercury,
Gemini 6, Apollo VII
Hackensack, New York

Harrison M. Schmitt,
Ph.D., *f*
Tenderfoot Scout
Apollo 17, lunar surface
Silver City, New Mexico

Russell L. Schweickart, *f*
First Class Scout
Apollo 9, lunar surface
Neptune, New Jersey

David R. Scott, *f*
Life Scout
Gemini 8, Apollo 9,
Apollo 15, lunar surface
Washington, D.C.

Winston E. Scott, *f*
First Class Scout
STS-72, STS-87
Coral Gables, Florida

Richard A. Searfoss, *f*
Eagle Scout
STS-58, STS-76
Portsmouth,
New Hampshire



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F A C T S H E E T

Elliot M. See Jr., *d*
Eagle Scout
Dallas, Texas

Piers J. Sellers, Ph.D., *c*
Wolf Scout (equivalent
to Cub Scout)
STS-112, STS-121
Cranbrook, Kent, U.K.

Alan B. Shepard Jr., *d*
First Class Scout
Freedom 7, Apollo 14,
lunar surface
East Derry, New Jersey

William M. Shepherd, *f*
Cub Scout
STS-27, STS-41, STS-52,
Expedition 1, ISS
Babylon, New York

Loren J. Shriver, *f*
Second Class Scout
STS-51C, STS-31, STS-46
Paton, Iowa

Steven L. Smith, *c*
Tenderfoot Scout
STS-68, STS-82,
STS-103, STS-110
San Jose, California

Sherwood C. "Woody"
Spring, *f*
Life Scout
STS-61B
Harmony, Rhode Island

Robert C. Springer, *f*
Life Scout
STS-29, STS-38
Ashland, Ohio

Thomas P. Stafford, *f*
Star Scout
Gemini VI, Gemini IX,
Apollo 10, Apollo-Soyuz
Test Project
Weatherford, Oklahoma

John L. Swigert Jr., *d*
Second Class Scout
Apollo 7, Apollo 13
Denver, Colorado

Joseph R. "Joe" Tanner, *f*
Eagle Scout
STS-66, STS-82,
STS-97, STS-115
Danville, Illinois

Andrew S. W. Thomas,
Ph.D., *c*
Cub Scout
STS-77, STS-89, ISS,
STS-91, STS-102, STS-114
Adelaide, South Australia

William E. Thornton, M.D., *f*
Second Class Scout
STS-8, STS-51B/Spacelab
3 Faison, North Carolina

Pierre J. Thuot, *f*
Cub Scout
STS-36, STS-49, STS-62
Fairfax, Virginia

Richard H. Truly, *f*
Eagle Scout
STS-2, STS-8
Fayette, Mississippi

James D. A. "Ox" van
Hoften, *f*
Life Scout
STS-41C, STS-51I
Burlingame, California

Charles L. Veach, *d*
First Class Scout
STS-39, STS-52
Honolulu, Hawaii

James S. Voss, *f*
Rank Unknown
STS-44, STS-53,
STS-69, STS-101,
STS-102, ISS, STS-105
Opelika, Alaska

David M. Walker, *d*
Eagle Scout
STS-51A, STS-30,
STS-53, STS-69
Columbus, Georgia

Edward H. White II, *d*
Second Class Scout
Gemini 4
San Antonio, Texas

Donald E. Williams, *f*
Explorer
STS-51D, STS-34
Otterbein, Indiana



Scouting and Space Exploration

F A C T S H E E T

Jeffrey N. Williams, *c*
Star Scout
STS-101, SoyuzTMA 8,
ISS
Winter, Wisconsin

Clifton C. Williams Jr., *d*
Life Scout
Mobile, Alaska

Dafydd Rhys "Dave"
Williams, M.D., *c*
Cub Scout
STS-90, STS-118
Saskatoon, Saskatchewan,
Canada

David A. Wolf,
BSEE, M.D., *c*
Cub Scout
STS-112, STS-86, MIR,
STS-89, STS-58
Indianapolis, Indiana

Neil W. Woodward III, *f*
Second Class Scout
Oklahoma City, Oklahoma

Alfred Merrill Worden, *f*
First Class Scout
Apollo 15
Jackson, Michigan

John W. Young, *f*
Second Class Scout
Gemini 3, Gemini 10,
Apollo 10, Apollo 16,
lunar surface,
STS-1, STS-9
Orlando, Florida