

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Gerald Paul Carr

ORAL HISTORY: 25 October 2000

EDUCATIONAL BACKGROUND:

B.S. in Mechanical Engineering, University of Southern California, Los Angeles, California, 1954

B.S. in Aeronautical Engineering, United States Naval Postgraduate School, Monterey, California, 1961

M.S. in Aeronautical Engineering, Princeton University, Princeton, New Jersey, 1962

PRE-NASA CAREER:

United States Navy

Enlisted (1949-1950)

Midshipman, Naval Reserve Officer Training Corps (NROTC), University of Southern California (1950-1954)

United States Marine Corps

Second Lieutenant, Officers' Basic School, Quantico, Virginia

Flight Training, Pensacola, Florida and Kingsville, Texas

F-9 and F-6A Skyray Pilot, Marine All-Weather-Fighter-Squadron 114 (1956-1962)

F-8 Crusader, Marine All-Weather-Fighter-Squadron 122, United States/Far East (1962-1965)

Test Director, Marine Air Control Squadron Three (1966)

Retired as Colonel

NASA CAREER:

NASA Manned Spacecraft Center/ Johnson Space Center, Houston, Texas

Astronaut (1966-1977)

Head, Design Support Group, Astronaut Office (1974-1977)

POST-NASA CAREER:

Vice President, Bovay Engineers, Houston, Texas (1977-1980)

Senior Vice President, Bovay Engineers, Houston, Texas (1980-1981)

Senior Consultant, Applied Research Inc., Austin, Texas (1981-1983)

Manager, University of Texas McDonald Observatory, Davis Mountains of West Texas (1983-1985)

President, CAMUS, Inc., Little Rock, Arkansas (1985-date unknown)

Concurrent Positions:

Director, Sunsat Energy Council

Director, Houston POPS Orchestra

Director, Space Foundation
Executive Board, Sam Houston Council Boy Scouts of America
Governmental Affairs Committee
Future Studies Committee, Houston Chamber of Commerce
Advisory Board, Eldorado Bank, Tustin, California (1977- date unknown)
Member, Advisory Committee, OAST Space Systems Technology, NASA Headquarters (1986-1992)
Office of Space Science and Application, Life Science Strategic Planning Study Committee (1988-1989)
Space Dermatology Foundation (1987- date unknown)
NASA Lecturer
Trustee, University of Ozarks (1997- date unknown)
Board of Governors, National Space Society

CURRENT OCCUPATION: President, CAMUS, Inc., Huntsville, Arkansas

MISSIONS:

Skylab III (SL-4)

- Crew: Commander Gerald P. Carr, Pilot William R. Pogue, Science Pilot, Edward G. Gibson
- Launched: 16 November 1973 at 9:01 A.M. EST from Cape Canaveral, FL
- Duration: 84 days, 1 hour, 14 minutes
- Landed: 8 February 1974 at 11:17 A.M. EDT in the Pacific Ocean
- Mission Highlights: The primary objectives for this mission included: gathering information on the Comet Kohoutek, conducting medical experiments to determine the impact of extended space flight on the human body; observing the Sun and its affects on the Earth's atmosphere; monitoring the Earth's ecological resources to discern changes caused by radiation or other phenomenon. Longest U.S. manned spaceflight mission until Shuttle-Mir program.

PROFESSIONAL & HONORARY SOCIETIES:

- Fellow, American Astronautical Society (AAS)
- Member, Society of Professional Engineers
- Member, Association of Space Explorers (ASE)
- Member, Aircraft Owners & Pilots Association
- Member, Marine Corps Association
- Member, Marine Corps Aviation Association
- Member, Society of Experimental Test Pilots
- Member, Society of American Military Engineers
- Member, National Space Institute
- Member, University of Southern California Alumni Association
- Member, Tau Kappa Epsilon Fraternity
- Member, National Space Society

AWARDS & CITATIONS:

- National Defense Service Medal
- Armed Forces Expeditionary Medal
- Marine Corps Expeditionary Medal
- Letter of Commendation, Commander of Carrier Division II
- NASA Group Achievement Award, 1971
- NASA Distinguished Service Medal, 1974
- Navy Distinguished Service Medal and the Navy Astronaut Wings, 1974
- Boy Scouts of America Distinguished Eagle Scout Award, 1974
- Robert J. Collier Trophy for 1973, 1974
- City of Chicago Gold Medal, 1974
- City of New York Gold Medal, 1974
- Alumni Merit Award, University of Southern California, 1974
- Marine Corps Aviation Association's Exceptional Achievement Award, 1974
- Dr. Robert H. Goddard Memorial Trophy, 1975
- Federation Aeronautique Internationale's (FAI) De La Vaulx Medal and V. M. Komarov Diploma, 1974
- American Institute of Aeronautics and Astronautics (AIAA) Haley Astronautics Award, 1974
- American Astronautical Society's 1975 Flight Achievement Award, 1976
- Honorary Doctorate of Science, Parks College of Saint Louis University, Cahokia, Illinois, 1976
- Inductee, Astronaut Hall of Fame, 1997

SELECT PUBLICATIONS:

Carr, Gerald P. and Melvin D. Montemerlo, eds. Aerospace Crew Station Design: Proceedings of a Course Given at the International Center for Transportation Studies (ICTS) Amalfi, Italy—October 19-22, 1983. Amsterdam, The Netherlands: Elsevier Science Publishers B.V., 1984.

Carr, Gerald P., Nicholas Shields, Jr., Arthur E. Schulze, and William Pogue. "Extravehicular Activity at Geosynchronous Earth Orbit." NASA Technical Reports. Houston, TX: Johnson Space Center/NASA, 1988.

Carr, Gerald P., Valerie Neal, Nicholas Shields, Jr., William Pogue, Harrison H. Schmitt, and Arthur E. Schulze. "Advanced Extravehicular Activity Systems Requirements Definition Study. Phase 2: Extravehicular Activity at a Lunar Base." NASA Technical Reports. Houston, TX: Johnson Space Center/ NASA, 1988.

Carr, Gerald P., William R. Pogue, and Nicholas Shields, Jr. "Advanced Extravehicular Activity Requirements in Support of the Manned Mars Mission." NASA Technical Reports. Houston, TX: Johnson Space Center/NASA, 1990.

BIOGRAPHICAL REFERENCES:

Jerry Woodfill, ed., "Astronaut Biographies," [Space Educators Handbook Homepage], [Online]. (6 May 1999—Last Updated), Available: <http://tommy.jsc.nasa.gov/~woodfill/SPACEED/SEHHTML/carr.htm> [17 September 1999—Accessed].

NASA Biographical Data Sheet (February 1977), Gerald P. Carr Key Personnel File (Inactive), Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

"National Space Society Staff," [National Space Society Homepage], [Online]. (n.d.—Last Updated), Available: <http://www.nss.org/html/staff.html> [16 September 1999—Accessed].

Who's Who in Science and Engineering, 4th edition, s.v. "Carr, Gerald Paul."

Who's Who in America, 53rd edition, s.v. "Carr, Gerald Paul."

American Men & Women of Science, 20th edition, s.v. "Carr, Gerald Paul."

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