

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: William Reid Pogue

ORAL HISTORY: 17 July 2000

EDUCATIONAL BACKGROUND:

B.S. in Secondary Education, Oklahoma Baptist University, Shawnee, Oklahoma, 1951
M.S. in Mathematics, Oklahoma State University, Oklahoma City, Oklahoma, 1960

MILITARY EXPERIENCE:

Colonel, United States Air Force (retired)

PRE-NASA CAREER:

United States Air Force

Second Lieutenant, Commissioned (1952)

Combat Fighter Pilot, Fifth Air Force, Korean Conflict (1953-1954)

Instructor, Gunnery, Luke Air Force Base (AFB), Phoenix, Arizona (1954)

Member Acrobatic Team, USAF Thunderbirds, Luke AFB, Phoenix, Arizona and
Nellis AFB, Las Vegas, Nevada (1955-1957)

Assistant Professor, Mathematics Department, United States Air Force Academy,
Colorado Springs, Colorado (1960-1963)

British Ministry of Aviation, Exchange Test Pilot, USAF/Royal Air Force Exchange
Program, Empire Test Pilots' School, Farnborough, England (1964-1965)

Instructor, Air Force Aerospace Research Pilot School, Edwards Air Force Base,
Edwards, California (1965-1966)

NASA CAREER:

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

Astronaut (1966-1975)

Special Assistant for Shuttle Payloads, Earth Resources Program Office (1976-1977)

POST-NASA CAREER:

Vice President, High Flight Foundation, Colorado Springs, Colorado (1975-1987)

Owner, William R. Pogue and Associates, Inc., Springdale, Arkansas (1986-1988)

Owner, Vutara Services, Springdale, Arkansas (1988-present)

CURRENT OCCUPATION: Vutara Services, Springdale, 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:

- Member, Air Force Association
- Fellow, American Astronautical Society (AAS)
- Member, Exploreres Club
- Member, Association Space Exploration
- Member, National Space Society (NSS)
- Member, Research Society of America
- Member, Society of Experimental Test Pilots
- Member, Sigma Xi (International Honor Society for Scientific and Engineering Research)
- Member, Pi Mu Epsilon (National Honorary Mathematics Society)
- Fellow, Academy Arts and Sciences, Oklahoma State University

AWARDS & CITATIONS:

- Johnson Space Center Superior Achievement Award, 1970
- NASA Distinguished Service Medal, 1974
- Air Medal with Oak Leaf Cluster, Air Force Commendation Medal
- National Defense Service Medal
- Outstanding Unit Citation, USAF Thunderbirds
- Air Force Distinguished Service Medal, 1974
- Air Force Command Pilot Astronaut Wings, 1974
- City of Chicago Gold Medal, 1974
- Robert J. Collier Trophy for 1973, National Aeronautics Association, 1974
- City of New York Gold Medal, 1974
- Dr. Robert H. Goddard Memorial Trophy, National Space Club, 1975
- Federation Aeronautique Internationale's (FAI) De La Vaulx Medal and V.M. Komarov Diploma for 1974, 1975
- General Thomas D. White USAF Space Trophy for 1974, National Geographic Society, 1975
- Fellow, Arts and Sciences, Oklahoma State University, 1975
- American Institute of Aeronautics and Astronautics (AIAA) Haley Astronautics Award for 1974, 1975
- American Astronautical Society's (AAS) 1975 Flight Achievement Award, 1976
- Honorary Doctorate of Science Degree, Oklahoma Baptist University

- Inductee, 5 Civilized Tribes Hall of Fame, 1975 (Choctaw descent)

SELECT PUBLICATIONS:

Pogue, William R. How Do You Go to the Bathroom in Space? New York: T. Doherty Associates, 1985.

Pogue, William R. Astronaut Primer. Tucson, Arizona: Libration Press, 1985.

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

Pogue, William, Gerald P. Carr, Valerie Neal, Nicholas Shields, Jr., 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.

Pogue, William R., Gerald P. Carr, 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.

Pogue, William R. "Past Experience Skylab Mission." NASA Technical Reports. Houston, TX: Johnson Space Center/NASA, 1990.

Pogue, William R., Matthew R. Appleby, Brand N. Griffin, Ernest R. Tanner II, and Michael J. Golightly. "Computer Aided Radiation Analysis for Manned Spacecraft." NASA Technical Reports. Houston, TX: Johnson Space Center/ NASA, 1991.

Pogue, William R. with Ben Bova. The Trikon Deception. New York: Tor, 1992.

BIOGRAPHICAL REFERENCES:

American Men & Women of Science 1998-99: A Biographical Directory of Today's Leaders in Physical, Biological and Related Sciences, 20th edition, s.v. "Pogue, William Reid."

Jerry Woodfill, ed., "Astronaut Biographies," [Space Educators Handbook Homepage], [Online]. (6 May 1999—Last Updated), Available: <http://tommy.jsc.nasa.gov/~woodfill/SPACEED/SEHTML/carr.htm> [8 October 1999—Accessed].

"Nomination for 1975 Harmon International Trophy for Astronauts" (February 1975), William R. Pogue Key Personnel File (Inactive), Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

Michael Cassutt, Who's Who in Space: The International Space Year Edition. New York: McMillan Publishing Company, 1993.

NASA Biographical Data Sheet (April 1977), William R. Pogue Key Personnel File (Inactive), Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

Who's Who in America, 40th, 45th, 52nd, 53rd editions, s.v. "Pogue, William Reid."

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