

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Richard W. "Dick" Underwood

ORAL HISTORY: 17 October 2000

EDUCATIONAL BACKGROUND:

B.S. in Geology, University of Connecticut, Storrs, CT, 1951

Additional Study: Colorado School of Mines, Golden, CO; University of Wyoming, Laramie, WY; George Washington University, Washington D.C.; University of Houston, Houston, TX

PRE-NASA EXPERIENCE:

United States Navy (1944-1974)

- Active Service (1944-1946)
- U.S. Naval Reserve (1950-1974)

United States Department of Defense (1951-1962)

- Photogrammetric Engineer (1951-1962)

NASA EXPERIENCE:

NASA Goddard Space Flight Center, Greenbelt, MD (1962-1964)

- Special Consultant in Photogrammetry (1962-1964)

NASA Manned Spacecraft Center/ Johnson Space Center, Houston, TX (1964-1985)

- Supervisory Aerospace Technologist, Photographic Technology Laboratory (1964-1966)
- Technical Assistant to the Chief, Photographic Technology Laboratory (1966-1968)
- Manager, Operational Applications Office, Photographic Technology Laboratory (1968-1971)
- Technical Assistant to the Chief, Photographic Technology Division (1971-1985)

POST-NASA EXPERIENCE:

Private Consultant

PROFESSIONAL & HONORARY SOCIETIES:

- American Society of Photogrammetry
- International Congress for Photogrammetry
- Society of Photographic Scientists and Engineers
- American Institute of Aeronautics and Astronautics
- Optical Society of America
- Geological Society of America
- Board of Directors, Earth Awareness Foundation
- Royal Photographic Society

- National Geographic Society
- The Sierra Club
- Naval Reserve Association

AWARDS & CITATIONS:

- NASA Exceptional Service Medal for Apollo Project
- Outstanding Service Award for Apollo 11
- Outstanding Service Award for Gemini Project
- Outstanding Service Award for Lunar Orbital Science Team
- Fort Bartlett Award of American Society of Photogrammetry
- Award for Excellence form Texas Industrial Photographers
- President's Award, British Institute for Professional Photographers
- First Honorary Life Member, California Geographic Society
- NASA Certificate of Commendation for uses of Space Photography
- Distinguished Lecturer, American Institute of Aeronautics and Astronautics, 1983-1984
- Distinguished Lecturer, Sigma Xi, the Scientific Research Society, 1983-1986
- Silver Medal of Progress, Royal Photographic Society

SELECT PUBLICATIONS:

Underwood, Richard W., "Low Light Level Aerial Photography," North Atlantic Treaty Organization—Supreme Headquarters Allied Powers, Europe (NATO-SHAPE) Conference, Paris, France, 1963.

_____. "Gemini Looks at the Americas," Americas: The Magazine of the Pan-American Union, Washington, DC, 1967.

_____. "Aerial Cameras, Aerial Films, and Film Processing," International Workshop on Earth Resources Survey Systems, Vol. 1, Ann Arbor, Michigan, 3-14 May 1971, NASA SP-283, Washington, DC, National Aeronautics and Space Administration, 1972. pp 263-276.

REFERENCES:

Manned Spacecraft Center/ Johnson Space Center Telephone Directories (1964-1985), History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, Texas.

Richard W. Underwood NASA Biographical Datasheet (June 1985), Richard W. Underwood Biographical File, Public Affairs Office, Lyndon B. Johnson Space Center, Houston, Texas.

"Progress Medal, Photographic Society of America Nomination Form" (28 February 1975), Richard W. Underwood Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.