

BIOGRAPHICAL DATA SHEET

NAME: Henry Orien Pohl

ORAL HISTORY: 9 February 1999
26 March 1999

EDUCATIONAL BACKGROUND:

B.S. in Mechanical Engineering, Texas A&M University, College Station, Texas, 1956

PRE-NASA CAREER:

Test Engineer, Army Ballistic Missile Agency, Redstone Arsenal, Huntsville, Alabama (1957-1959)

NASA CAREER:

NASA Marshall Space Flight Center, Huntsville, Alabama

Project Engineer (1960-1961)

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

Aerospace Engineer, Auxiliary Propulsion Group, Energy Systems Branch (1962-1963)

Chief, Auxiliary Propulsion Section, Energy Systems Branch (1963-1964)

Chief, Dynamic Systems Branch (1964-1979)

Deputy Chief, Propulsion and Power Division (1979-1980)

Chief, Propulsion and Power Division (1980-1986)

Director, Engineering (1986-1993)

Technical Assistant, Space Station Redesign (1993)

Chief Engineer, International Space Station (1993-1994)

CURRENT OCCUPATION:

Senior Technical Advisor, Kistler Aerospace Corporation, Kirkland, Washington (date unknown -present)

PROFESSIONAL & HONORARY SOCIETIES:

- Member, American Institute of Aeronautics and Astronautics (AIAA)
- Fellow, American Astronautical Society (AAS)
- Member, National Space Club
- Member, Center for Space Power, Texas A&M University

AWARDS & CITATIONS:

- Manned Spacecraft Center Certificate of Commendation, 1969
- NASA Exceptional Service Medal, 1973
- NASA Exceptional Service Medal, 1981
- NASA Presidential Rank of Meritorious Executive (SES), 1984
- American Society of Mechanical Engineers George Westinghouse Gold Medal, 1987

- NASA Outstanding Leadership Medal, 1988
- National Space Club (Goddard Memorial) Astronautics Engineer Award, 1989

SELECT PUBLICATIONS:

Pohl, Henry. "Reaction-Control Systems." In Manned Spacecraft Engineering Design and Operations by Paul Purser, Maxime A. Faget, and Smith. Fairchild Publications, 1964.

Pohl, Henry O. "Space Shuttle Reaction Control System." SAE National Aeronautics and Space Engineering and Manufacturing, 1970.

Bond, Aleck C., Henry O. Pohl, Norman H. Chaffee, Walter W. Guy, Charles S. Allton, Robert L. Johnston, William L. Castner, and Jack S. Stradling. "Design Guide for High Pressure Oxygen Systems." NASA Reference Publication 1113. August 1983.

Pohl, Henry O. "Space Vehicle Propulsion." In Marks Standard Handbook for Mechanical Engineers. Revised Edition. 1987.

PATENTS:

U.S. Patent 3,490,238: "Two-Step Rocket Engine Biopropellant Valve." 20 January 1970.

BIOGRAPHICAL REFERENCES:

"American Astronautical Society Nomination for Rank of Fellow Form," Henry O. Pohl Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

"American Institute of Aeronautics and Astronautics Nomination/Application for Fellow Grade," Henry O. Pohl Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

"ASME George Westinghouse Medals Nomination for an Achievement Award," Henry O. Pohl Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

NASA Biographical Data Sheet (November 1991), Henry O. Pohl Biographical File, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

"Texas A&M Mechanical Engineering Department's Academy of Distinguished Alumni Nomination Form," Henry O. Pohl Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.