

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Thomas Vincent Chambers

ORAL HISTORY: 20 January 2000

EDUCATIONAL BACKGROUND:

Hull Technical College, England, 1936-1939

Higher National Certification in Electrical Engineering, Watford Technical College, England, 1956

MILITARY EXPERIENCE: Royal Navy, Great Britain (retired) September 1939 – September 1949 and June 1951 – November 1952

PRE-NASA CAREER:

Apprentice Fitter, Blackburn Aircraft Company, Brough, E. Yorks England (June 1934 – September 1939)

Electrical Fitter, De Havilland Aircraft Company, Hatfield, England (November 1949 – June 1951)

Technical Assistant, De Havilland Propeller Company, Hatfield, England (November 1952 – January 1956)

Senior Engineer, Rotax Limited, Hemel Hempstead, England (January 1956 – April 1957)

Electronic Engineer, A. V. Roe Aircraft Company, Malton, Ontario (April 1957 – April 1959)

NASA CAREER:

Space Task Group, Langley Field, Virginia

Research Engineer, Aeronautical Instrumentation (April 1959 – September 1960)

Head, Flight Control Section (September 1960 – January 1961)

Head, Attitude Control Section (January 1961 – April 1961)

Aerospace Technologist, Control and Guidance Systems Section (April 1961 – November 1961)

Manned Spacecraft Center, Houston, Texas

Aerospace Technologist, Control and Guidance Systems Section (November 1961 – January 1962)

Head, Control and Guidance Systems Section (January 1962 – February 1962)

Supervisory Aerospace Technologist, Control and Guidance Systems Section (February 1962 – April 1962)

Aerospace Engineer, Fluid and Flight Mechanics Section (April 1962 – June 1962)

Aerospace Technologist, Control and Guidance Systems Section (April 1962 – October 1963)

Supervisory Aerospace Engineer, Fluid and Flight Mechanics Section (June 1962 – October 1963)
Branch Chief, Control and Computer Systems (October 1963 – April 1964)
Acting Section Manager, Systems Development (October 1963 – April 1964)
Acting Section Manager, Inertial Systems (October 1963 – April 1964)
Acting Branch Chief, Guidance Systems Development (April 1964 – July 1964)
Section Manager, Control Systems (April 1964 – July 1965)
Branch Chief, Control Systems Development (April 1964 – July 1972)
Acting Section Manager, Systems Performance (July 1965 – September 1966)
Assistant Chief for Spacecraft Data Systems, Information Systems Division (July 1972 – November 1974)
Assistant Chief, Control Systems Development Division (November 1974 – March 1975)
Assistant Director, Electronic Systems, Control Systems Development Division (March 1975 – February 1976)
Assistant Director, Program Support, Avionics Systems Engineering Division (February 1976 – January 1977)
Deputy Chief, Avionics Systems Engineering Division (January 1977 – July 1979)
Chief, Shuttle Avionics Integration Division (July 1979 – January 1981)

AWARDS & CITATIONS:

- NASA Outstanding Leadership Medal, 1980
- NASA Exemplary Service Award, 1980

SELECT PUBLICATIONS:

Chambers, T. V. "Shuttle Avionics Integration Laboratory," presented at the American Institute of Aeronautics and Astronautics Computers in Aerospace Conference Meeting in Los Angeles, October 31-November 2, 1977.

BIOGRAPHICAL REFERENCES:

Thomas V. Chambers Biographical Files, History Collection. Cabinet 3, Drawers 4 & 5, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, Texas.

Thomas V. Chambers Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

"Service Record Card," Thomas V. Chambers Personnel File, Human Resources Office, Lyndon B. Johnson Space Center, Houston, Texas.

BIOGRAPHICAL DATA SHEET CREATED: 26 JULY 1999