

# NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

## BIOGRAPHICAL DATA SHEET

**NAME:** Rodney George Rose

**ORAL HISTORY:** 8 November 1999

### **EDUCATIONAL BACKGROUND:**

B.S. in Mechanical and Aerospace Engineering, College of Technology, Manchester, England, 1949

M.S. in Aeronautical Engineering, Cranfield Institute of Technology, Cranfield, England, 1951

### **PRE-NASA CAREER:**

A.V. Roe & Co., Manchester, England

Apprentice, Aerodynamics, (1944-1949)

Vickers-Armstrongs Ltd. (AVRO Company holding), Winchester Hunts, England

Chief of Performance, Aerodynamics (1951-1957)

AVRO Aircraft, Malton, Ontario, Canada

Senior Aerodynamicist (1957-1959)

### **NASA CAREER:**

NASA Space Task Group, Langley Field, Hampton, Virginia

Project Management Engineer, Mercury Landing System Development (1959-1961)

NASA Manned Spacecraft Center/ Johnson Space Center, Houston Texas

Manager, Abort and Recovery Systems/ Gemini Program Office (1961-1962)

Technical Assistant, Flight Operations Division/ Mercury Project Office (1963)

Technical Assistant, Assistant Director for Flight Operations (1964)

Technical Assistant for Apollo, Assistant Director for Flight Operations (1965-1969)

Technical Assistant for Space Shuttle and Space Base, Director of Flight Operations (1970-1974)

Technical Assistant for Space Shuttle, Data Systems and Analysis Directorate (1974-1976)

Assistant Director for Shuttle, Director of Data Systems and Analysis (1977-1982)

Assistant Director for Shuttle, Director of Mission Support (1983-1984)

### **POST-NASA CAREER**

Rockwell International Corporation, St. Louis, Missouri

Senior Technical Advisor to the Director (1984-1986)

Consultant to NASA, Range Safety Investigation Panel (1986-1987)

Director, Space Station Phase B Study and Department of Defense Payload Integration Contracts (1987-1988)

European Manned Space Program, Paris, France

Consultant, Hermes Project (1988-1989)

**CURRENT OCCUPATION:** Retired

**PROFESSIONAL & HONORARY SOCIETIES:**

- Associate Fellow, Royal Aeronautical Society of England
- Associate Fellow, Manchester College of Technology
- Chartered Engineer, Council of Engineering Institutions of Great Britain
- Member, Association of Professional Engineers of the Province of Ontario
- GI Mechanical Engineer Past Graduate, Institution of Mechanical Engineers
- Associate Fellow, American Institute of Aeronautics and Astronautics (AIAA)

**AWARDS & CITATIONS:**

- Special Place Award, Huntington Grammar School, 1939
- County Award, Manchester College of Technology, 1947
- County Award, College of Aeronautics, Cranfield, England, 1949
- NASA Superior Achievement Award, 1968
- NASA Exceptional Service Medal, 1969
- NASA Superior Performance Award, 1976
- NASA Certificate of Commendation, 1980
- NASA Superior Achievement Award, 1981
- NASA Exceptional Service Medal, 1981

**SELECT PUBLICATIONS:**

Rose, Rodney G. "Space Rescue Considerations." Paper presented at the XXII International Astronautical Congress, Brussels, Belgium, 20 September 1971. MSC 04901.

Rose, Rodney G. "Space Shuttle Flight Operations." Paper presented at the 11<sup>th</sup> Space Congress, Cocoa Beach, Florida, 18 April 1974.

Rose, Rodney G. With L. W. Croom. "Space Shuttle Communications and Data Systems." Presented at the 27<sup>th</sup> Congress of the International Astronautical Federation, Anaheim, California, 16 October 1976. JSC-11649.

**BIOGRAPHICAL REFERENCES:**

NASA Biographical Data Sheet (n.d.), Rodney G. Rose Biographical File, Public Affairs Office, Lyndon B. Johnson Space Center, Houston, TX.

Organizational Charts. Boxes 13 and 14. Organizational Series. Center Collection. History Collection. Scientific and Technical Information Center. Lyndon B. Johnson Space Center, Houston, TX.

Rodney G. Rose, interview by Constance Bishop, 27 May 1999. Transcript. Johnson Space Center Oral History Project. Scientific and Technical Information Center. Lyndon B. Johnson Space Center, Houston, TX.

Telephone Directories, Organizational Series, Center Collection, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

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