

# NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

## BIOGRAPHICAL DATA SHEET

**NAME:** Emil R. Schiesser

**ORAL HISTORY:** 2 November 2006  
7 December 2006

### **EDUCATIONAL BACKGROUND:**

B.S. in Physics, Northern Illinois University, DeKalb, IL, 1959  
University of Illinois, Champaign, IL, 1959-1960  
M.S., Northern Illinois University, DeKalb, IL, 1961  
Summer Institute in Dynamical Astronomy, Yale University Observatory, New Haven, CT

### **PRE-NASA EXPERIENCE:**

Paint Shoppe, DeKalb, IL (1954)  
St. Mary's, DeKalb, IL (1955-1956)

- Custodian

DeKalb Daily Chronicle (1955-1959)

- Auto Route

Cal Pack (1959)

- Retort Operator

Northern Illinois University (1960-1961)

- Teaching Assistant

### **NASA EXPERIENCE:**

NASA Space Task Group, Langley Field, VA (1961-1962)

- Aerodynamic Theory, Mission Analysis Branch, Flight Operations Division (1961)
- Aerospace Technologist, Numerical Analysis Techniques, Mission Analysis Branch, Flight Operations Division (1961-1962)

NASA Manned Spacecraft Center, Houston, TX (1962-1989)

- Aerospace Technologist, Mathematical Support Section, Mission Analysis Branch, Flight Operations Division (1962-1962)
- Mathematician, Mathematical Support Section, Mission Analysis Branch, Flight Operations Division (1962-1963)
- Aerospace Engineer, Orbit and Trajectory Studies Section, Mission Analysis Branch, Flight Operations Division (1963-1964)
- Chief, Mathematical Analysis Section, Mathematical Physics Branch, Mission Planning and Analysis Division, Flight Operations Directorate (1964-1966)
- Chief, Orbit Determination Section, Mathematical Physics Branch, Mission Planning and Analysis Division, Flight Operations Directorate (1966-1969)
- Assistant Chief, Mathematical Physics Branch, Mission Planning and Analysis Division, Flight Operations Directorate (1969-1971)

- Chief, Mathematical Physics Branch, Mission Planning and Analysis Division, Flight Operations Directorate (1971-1984)
- Assistant Chief for Systems Planning, Mission Planning and Analysis Division, Flight Operations Directorate (1985-1989)

**AWARDS & CITATIONS:**

- MSC Superior Achievement Award, 1969
- Presidential Certificate of Commendation, 1970
- MSC Certificate of Commendation for Apollo 12, 1970
- Institute of Navigation Thurlow Award, 1970

**REFERENCES:**

Emil R. Schiesser Service Record Card, Emil R. Schiesser Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Employees Nominated For Awards,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 18 December 1970, 4.

Manned Spacecraft Center Telephone Directories (1964-1989), Organization Files, Center Series, History Collection, Scientific and Technical Information Center, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Nomination for The Institute of Navigation 1970 Thomas L. Thurlow Award,” 20 January 1971, Emil R. Schiesser Key Personnel File, Awards Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Nucleus of 1960 Flight Operations Division,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 8 July 1964, 5-A.

“President Nixon Lauds Emil Ray Schiesser,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 13 February 1970, 1.

“Schiesser Gets Thurlow Award,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 30 July 1971, 2.

“Superior Achievement,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 31 October 1969, 3.