

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: James E. Hannigan

ORAL HISTORY: 28 February 2006

EDUCATIONAL BACKGROUND:

Bachelor of Science in Aeronautical Engineering, Georgia Institute of Technology, Atlanta, GA, 1953

PRE-NASA EXPERIENCE:

Boeing Airplane Company, Seattle, WA (1953-1954)

- Aeronautical Engineer, Weights Group

United States Air Force (USAF) (1954-1956)

- Officer-in-Charge, Instrument Landing System Branch, USAF Airways and Air Communications Service, Tinker Air Force Base, OK
- Retired as Captain, 1956

Lockheed Georgia Company, Marietta, GA (1956-1959)

- Flight Test Engineer

United States Air Force (Civil Service Position) (1959-1962)

- Senior Flight Test Project Engineer, USAF Proving Ground Center, Eglin Air Force Base, FL

NASA EXPERIENCE:

Lyndon B. Johnson Space Center (1962-1981)

- Vehicle Operations Engineer, Flight Control Operations Branch, Assistant Chief for Flight Control, Flight Operations Division (1962-1964)
- Head, Lunar Excursion Module (LEM) Section, Apollo Flight Systems Branch, Flight Control Division, Flight Operations Directorate (1964-1966)
- Assistant Branch Chief, Agena/LEM Systems Branch, Flight Control Division, Flight Operations Directorate (1966-1967)
- Chief, LM (formerly LEM) Systems Branch, Flight Control Division, Flight Operations Directorate (1967-1973)
- Chief, Shuttle Systems/Corollary Experiments Branch, Flight Control Division, Flight Operations Directorate (1973-1974)
- Assistant Chief for Systems, Flight Control Division, Flight Operations Directorate (1974-1981)

POST-NASA EXPERIENCE:

Scott Science and Technology, Inc., Houston, TX (1981-1984)

Eagle Engineering, Inc., Webster, TX (1985-1986; 1987)

- Engineering Associate

Hernandez Engineering, Inc., Houston, TX (1986-1987)

- Director of Engineering

Eagle Technical Services, Inc., Houston, TX (1987-1994)

- Lead Engineer, Space Station Operations Integration Task

MISSIONS

Remote Site CapCom

- Mercury 8, Kano, Nigeria

LM Systems Controller, SPAN

- Apollo 5
- Apollo 8
- Apollo 9
- Apollo 10
- Apollo 11
- Apollo 12
- Apollo 13
- Apollo 14
- Apollo 15
- Apollo 16
- Apollo 17

SPAN Senior Flight Operations Directorate Representative

- STS-1

AWARDS & CITATIONS:

- Outstanding Performance Rating, 1961, 1970
- Sustained Superior Performance Award, 1967
- NASA Certificate of Commendation, 1970-1971
- NASA Exceptional Service Medal, 1971

SELECT PUBLICATIONS & PATENTS:

James E. Hannigan, interview by Beverly Tomek, 05 May 1999, Transcript, Southwest Texas University/JSC Oral History Project, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

Hannigan, James E., "X-SAR Mission Operations Planning Study Report," 1987

Hannigan, James E. et al., "Dossier for Homologation of World Records for Aerospacecraft, STS-1 Flight," National Aeronautic Association, Federation Aeronautique Internationale

REFERENCES:

Eugene F. Kranz, Failure is Not an Option (New York: Simon and Schuster, 2000).

Flight Control Division (1965-1966, 1971, 1973, 1974, 1976), Organizational Files (Box 6), Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

James E. Hannigan, "Resume, James Edward Hannigan," December 1993, Southwest Texas State University Interview Project, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

James E. Hannigan Service Record Card, James E. Hannigan Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

Lyndon B. Johnson Space Center Telephone Directory (1973-1974, 1980), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

Manned Space Craft Center Telephone Directory (1962, 1964, 1966-1967), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

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