

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Jack Funk

ORAL HISTORY: 30 October 2003
5 November 2003

EDUCATIONAL BACKGROUND:

B.S. in Aeronautical Engineering, 1943

PRE-NASA EXPERIENCE:

NACA, Langley Aeronautical Laboratory, Langley Field, VA (1943-1958)

- Aeronautical Engineer, Aircraft Aerodynamic Loads (1943-1958)

NASA EXPERIENCE:

NASA Space Task Group, Langley Aeronautical Laboratory, Langley Field, VA (1958-1961)

- Space Mechanics Section, Dynamics Branch, Flight Support Division (1958-1961)

NASA Johnson Space Center, Houston, TX (1961-1979)

- Head, Astromechanics Section, Flight Dynamics Branch, Spacecraft Research Division, Research and Development Directorate (1961-1963)
- Head, Astromechanics Section, Flight Dynamics Branch, Advanced Spacecraft Technology Division, Engineering and Development Directorate (1963)
- Chief, Guidance Analysis Branch, Spacecraft Technology Division (1963)
- Chief, Guidance Analysis Branch, Guidance and Control Division (1964)
- Chief, Theoretical Mechanics Branch, Guidance and Control Division (1964-1966)
- Chief, Advanced Mission Design Branch, Mission Planning and Analysis Division (1966-1976)
- Chief, Technology Development Office, Mission Planning and Analysis Division (1977-1979)

AWARDS & CITATIONS:

- Certificate of Appreciation, University of Texas College of Engineering Lecture Series, 1965
- NASA Inventor's Award, 1971
- NASA Certificate of Recognition, 1971
- NASA Certificate of Commendation, 1972
- Thirty Year Length of Service Award, 1973
- Thirty-Five Year Length of Service Award, 1978

SELECT PUBLICATIONS:

Earle T. Binckley and Jack Funk, "A flight investigation of the effect of center-of-gravity location on gust loads," NACA-TN-2575 (Langley Field: NASA Langley Research Center, 1951).

Jack Funk, "Evaluation of gust and draft velocities from flights of P-61C airplanes within thunderstorms June 2, 1947 to June 7, 1947 at Clinton County Army Air Field, Ohio," NACA-RM-L7J31 (Langley Field: NASA Langley Research Center, 1947).

Jack Funk, "Measurements of atmospheric turbulence on Seattle-Alaska airways," NACA-RM-L7I25 (Langley Field: NASA Langley Research Center, 1947).

Jack Funk and Harry C. Mickleboro, "A comparison of gust loads measured in flight on a swept-wing airplane and an unswept-wing airplane," NACA-RM-L52L02 (Langley Field: NASA Langley Research Center, 1953).

Jack Funk and Richard H. Rhyne, "An investigation of the loads on the vertical tail of a jet-bomber airplane resulting from flight through rough air," NACA-TN- 3741 (Langley Field: NASA Langley Research Center, 1956).

Thomas L. Colman and Jack Funk, "Preliminary measurements of atmospheric turbulence at high altitude as determined from acceleration measurements on Lockheed U-2 airplane," NACA-RM- L57A11 (Langley Field: NASA Langley Research Center, 1957).

REFERENCES:

"32 Employees Receive Service Awards," Space News Roundup (NASA Lyndon B. Johnson Space Center), 1978, 3.

"Appreciation Certificates Received," Space News Roundup (NASA Lyndon B. Johnson Space Center), 30 April 1965, 7.

Jack Funk, interview, 25 June 1970, reel, transcript, Apollo Spacecraft History Interviews, History Collection, Scientific and Technical Information Center, NASA Lyndon B. Johnson Space Center, Houston, TX.

Jack Funk Service Record Card, Jack Funk Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

"Kraft Presents Awards to Employees," Space News Roundup (NASA Lyndon B. Johnson Space Center), 3 August 1973, 2.

Manned Spacecraft Center Telephone Directories (1959-1979), Organization Files, Center Series, History Collection, Scientific and Technical Information Center, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Suggestors, Inventors Win \$\$ Awards,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 3 December 1971, 3.

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