

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Stanley Faber

ORAL HISTORY: 8 May 2002

EDUCATIONAL BACKGROUND:

B.S. in Aeronautical Engineering, University of Rhode Island, Kingston, Rhode Island, 1948

M.S. in Aeronautical Engineering, University of Virginia, Charlottesville, Virginia, 1955

MILITARY EXPERIENCE: Served

PRE-NASA EXPERIENCE:

- Stability and Control Flight Research Division, National Advisory Committee on Aeronautics, Langley Aeronautical Laboratory, Hampton, Virginia (1948-1958)

NASA INVOLVEMENT:

NASA Langley Research Center, Hampton, Virginia

- Stability and Control, Flight Research Division (1958 – 1959)
- Training Aids Section, Operations Division, Space Task Group, Space Projects Center (1959 – 1961)
- Head, Flight Simulation Section, Space Task Group, Space Projects Center (1961)

NASA Manned Spacecraft Center/Johnson Space Center, Houston, Texas

- Head, Flight Simulation Branch, Flight Crew Operations Division/ Flight Crew Support Division, Flight Operations Directorate (1961–1965)
- Head, Simulation Branch, Flight Crew Support Division, Flight Crew Operations Directorate (1966-1969)
- Acting Head, Gemini Simulation Section, Simulation Branch, Flight Crew Support Division, Flight Crew Operation Directorate (1966-Date Unknown)
- Head, Simulation Branch, Crew Training and Simulation Division, Flight Crew Operations Directorate (1971-1973)
- Head, Simulation Branch, Flight Simulation Division, Data Systems and Analysis Directorate (1974–1976)
- Special Assistant, Flight Simulation Division, Data Systems and Analysis Directorate (1977–1982)

POST-NASA EXPERIENCE:

- The Aerospace Corporation, Houston, Texas (1983–1996 at least)

SELECT PUBLICATIONS AND PATENTS:

- Faber, S. "Comparison of effectiveness of coordinated turns and level sideslips for correcting lateral displacement during landing approaches." NACA-RM-L9I29 (CASI 19930086000). Langley Air Force Base, Va.: NACA Langley Aeronautical Laboratory, 1949.
- Faber, S. and Kurbjun, Max. "Transonic drag characteristics of a wing body combination using a thin tapered wing of 45 degrees sweepback." NACA-RM-L50H22 (CASI 19930086354). Langley Air Force Base, Va.: NACA Langley Aeronautical Laboratory, 1950.
- Faber, S. and Harold I. Johnson. "An investigation of single-degree-of-freedom snaking oscillations on a model of a high-speed research airplane by the NACA wing-flow method." NACA-RM-L51E14 (CASI 19930086740). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1951.
- Faber, S. and John M. Eggleston. "A transonic investigation by the free-fall method of an airplane configuration having 45 degrees sweptback wing and tail surfaces." NACA-RM-L53D10 (CASI 19930087822). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1953.
- Faber, S. "Ground-simulator study of the effects of stick force and displacement on tracking performance." NACA-TN-3428 (CASI 19930084284). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1955.
- Faber, S., Donald Cheatham, and Robert A. Champine. "Flight investigation of factors affecting pilots' ability to utilize a radarscope display of steering information." NACA-RM-L56E21 (CASI 11930089407). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1956.
- Faber, S. "Qualitative simulator study of longitudinal stick forces and displacements desirable during tracking." NACA-TN-4202 (CASI 19930085061). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1958.
- Faber, S. and Windsor L. Sherman. "Study of exit phase of flight of a very high altitude hypersonic airplane by means of a pilot-controlled analog computer." NACA-RM-L57K21 (CASI 19930089974). Langley Field, Va.: NACA Langley Aeronautical Laboratory, 1958.
- Faber, S. "Dynamic model investigation of a landing-gear configuration consisting of a single main skid and a nose wheel." NASA-TN-D-213 (CASI 19890068436). Hampton, Va.: NASA Langley Research Center, 1960.
- Faber, S. "Simulation Equipment used in the training of Astronauts and Flight Control Crews in Project Mercury." (CASI 19620004485). Houston: NASA Lyndon B. Johnson Space Center, 1962.

Faber, S. and H.I. Johnson, "Simulators and training for manned space flight," in Manned Spacecraft: Engineering Design and Operation. ed. Paul E. Purser, Maxime A. Faget, and Norman F. Smith. New York: Fairchild Publications, Inc., 1964.

SOURCES:

Johnson Space Center Telephone Directories (1973-1996), Organizational Series, Center Collection, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Memorandum to Staff, 10 August 1959, Organization of Space Task Group, Space Task Group Phone Books, Center Series, Scientific and Technical Information Center, Houston, TX.

Manned Spacecraft Center Telephone Directories (1963-1972), Organizational Series, Center Collection, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Stanley Faber NASA Biographical Data Sheet (May 1963), Stanley Faber Biographical File, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Stanley Faber Service Record Card, Personnel File, Human Resources Office, Lyndon B. Johnson Space Center, Houston, TX.

BIOGRAPHICAL DATA SHEET CREATED: 6 JULY 2000