

IVY F. HOOKS

BIOGRAPHICAL DATA SHEET

NAME: Ivy F. Hooks

ORAL HISTORY: 5 MARCH AND 24 MARCH 2009

EDUCATIONAL BACKGROUND:

- Bachelor of Science degree in Mathematics, University of Houston, Houston, TX, 1963
- Master of Science degree in Mathematics, University of Houston, Houston, TX, 1965

NASA EXPERIENCE:

NASA Manned Spacecraft Center/Lyndon B. Johnson Space Center, Houston, TX (1963–1984)

- Aerospace Engineer, Space Vehicle Design Branch, Spacecraft Technology Division, Engineering and Development Directorate (1963)
- Aerospace Engineer, Flight Worthiness Branch, Spacecraft Technology Division, Engineering and Development Directorate (1963–1964)
- Aerospace Engineer, Mission Effectiveness Section, Mission Feasibility Branch, Advanced Spacecraft Technology Division, Engineering and Development Directorate (1964–1966)
- Aerospace Engineer, Analytical Aerodynamics Section, Flight Performance & Dynamics Branch, Advanced Spacecraft Technology Division, Engineering and Development Directorate (1966)
- Cost Analysis Group, Planning and Cost Support Office, Advanced Spacecraft Technology Division, Engineering and Development Directorate (1966)
- Aerospace Engineer, Analytical Aerodynamics Section, Flight Performance & Dynamics Branch, Advanced Spacecraft Technology Division, Engineering and Development Directorate (1966–1969)
- Aerospace Engineer, Applied Flight Dynamics Section, Flight Technology Branch, Engineering Analysis Office, Engineering and Development Directorate (1969–1971)
- Assistant Director for Advanced Planning and Design, Engineering Analysis Division, Engineering and Development Directorate (1971)
- Aerospace Engineer, Applied Flight Dynamics Section, Flight Technology Branch, Engineering Analysis Division, Engineering and Development Directorate (1971–1972)
- Aerospace Engineer, Aerodynamics and Entry Technology Section, Flight Technology Branch, Engineering Analysis Division, Engineering and Development Directorate (1972–1973)
- Head, Aerodynamics Systems Analysis Section, Aerodynamics Branch, Engineering Analysis Division, Engineering and Development Directorate (1973–1977)
- Special Assistant to the Center Director (1977–1978)

- Electronics Engineer, JSC Level 6 Verification Testing, Spacecraft Software Division, Data Systems and Analysis Directorate (1978–1980)
- STS-2 Software Manager, Spacecraft Software Division, Data Systems and Analysis Directorate (1980–1981)
- Manager, Shuttle Data Office, Space Shuttle Program Office (1981–1982)
- Acting Head, Integration and Operations Section, Flight Software Branch, Spacecraft Software Division, Mission Support Directorate (1982–1983)
- Chief, Flight Software Branch, Spacecraft Software Division, Mission Support Directorate (1982–1984)

POST-NASA EXPERIENCE:

Barrios Technology, Houston, TX (1984–1985/6?)

Bruce G. Jackson and Associates, Houston, TX (1985/6–unknown)

- President and Chief Executive Officer
Compliance Automation, Inc., Boerne, TX (1985/6–unknown)
- Project Manager and Expert Consultant
- President and CEO

Awards & Citations:

- Nominee for the 1969 Federal Woman’s Award
- JSC Group Achievement Award: JSC Space Shuttle Program Definition and Preliminary Design Team, 1972
- JSC Group Achievement Award: NASA Skylab Program, 1974
- JSC Group Achievement Award: NASA ASTP Operations Team, 1975
- JSC Superior Achievement Award, 1976
- Arthur S. Fleming Award, 1978
- NASA Exceptional Service Medal, 1981

REFERENCES:

Ivy F. Hooks Service Record Card, Ivy F. Hooks Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Ivy Hooks,” Compliance Automation, Inc., Homepage, Online, <http://www.complianceautomation.com/Staff/IvyHooks.htm> (Last Updated: 2006; Accessed: 3 November 2006).

“Ivy Hooks gets Flemming Award,” Roundup (NASA Lyndon B. Johnson Space Center, Houston, TX), 31 March 1978, 2.

“Judge Patricia Lykos is Keynote Speaker: Female Pioneers to Share Perspective during Women’s History Month,” Space News Roundup (NASA Lyndon B. Johnson Space Center, Houston, TX), 1 March 1993, 1.

“Organization and Personnel Assignments of the Advanced Spacecraft Technology Division,” 31 July 1966, Box GR1013, MSC Announcements, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

NASA Johnson Space Center Telephone Directory (1973-1998), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

NASA Manned Spacecraft Center News Release, MSC 70-91, 24 August 1970, Public Affairs Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

NASA Manned Spacecraft Center Telephone Directory (1965-1973), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

“Today at Teague Auditorium: Employees & Contractors Honored,” Space News Roundup (NASA Lyndon B. Johnson Space Center, Houston, TX), 11 September 1981, 1-2.

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