

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Harold Drew Beck

ORAL HISTORY: 9 December 2004

EDUCATIONAL BACKGROUND:

B.S. in Aeronautical Engineering, North Carolina State College, Raleigh, NC, 1959

PRE-NASA EXPERIENCE:

United States Air Force (1951-1955)

- USAF Control Tower School, Keesler AFB, Biloxi, MS (1951-1952)
- Roberts Company, Sanford, NC (1956)

NASA EXPERIENCE:

Langley Research Center, Langley, VA (1959-1961)

- Aeronautical Research Engineer

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

- Aeronautical Research Engineer (1961)
- Aeronautical Technologist, Flight Mechanics Section (1961-1962)

Manned Spacecraft Center, Houston, TX

- Aeronautical Engineer, Operations Analysis Branch, Flight Operations Division (1962-1963)
- Aeronautical Engineer, Lunar Trajectory Section, Mission Analysis Branch, Flight Operations Division (1962-1963)
- Aeronautical Engineer, Lunar Trajectory Section, Mission Analysis Branch, Mission Planning and Analysis Division (MPAD) (1963-1964)
- Head, Lunar Trajectory Section, Mission Analysis Branch, MPAD (1964-1965)
- Assistant Chief, Mission Analysis Branch, (MPAD), also Head, Lunar Trajectory Section, Mission Analysis Branch, MPAD (1965)
- Head, Lunar Trajectory Section, Mission Analysis Branch, MPAD (1965-1967)
- Head, Lunar Mission Design Section, Mission Analysis Branch, MPAD (1967-1968)
- Head, Lunar Mission Design Section, Lunar Mission Analysis Branch, MPAD (1968-1970)
- Assistant Chief, Planetary Mission Analysis Branch, MPAD (1970-1971)
- Assistant Chief, Mission Analysis Branch, MPAD (1971-1973)

Lyndon B. Johnson Space Center, Houston, TX

- Assistant Chief, Mission Analysis Branch, MPAD (1973-1976)
- Manager, Shuttle and STS Utilization Planning, Flight Planning Branch, MPAD (1976-1981)
- Manager, Payload Flight Design Integration, Flight Planning Branch, MPAD (1976-1985)

- Technical Assistant, Aerospace Vehicle Design, Mission Analysis Section, Mission Design Development Branch, MPAD (1985-1988)
- Chief, Mission Design Development Branch, MPAD (1988-1990); also Acting Mission Analysis Section Manager (1988)
- Chief, Supervisor Aeronautical Engineer, Mission Definition Branch, Systems Engineering Division (1990)

POST-NASA EXPERIENCE:

Loral Space and Communications Company/Lockheed Martin Corporation, Houston, TX (1990-2000)

- Operations Planning Systems Section, Space Station Ground Systems, Johnson Space Center

AWARDS & CITATIONS:

- Outstanding Performance Rating (1982)
- Sustained Superior Performance Award (1983)
- Sustained Superior Performance Award (1985)
- Outstanding Performance Rating (1985)
- Outstanding Performance Rating (1986)

REFERENCES:

"At the present time the composition of the Mission Analysis Branch is as follows:", 22 July 1964, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 4-30, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Christopher C. Kraft, Jr., Assistant Director for Flight Operations, memorandum for Deputy Director, "Redesignation of organizational elements of the Assistant Director for Flight Operations", 14 November 1963, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Christopher C. Kraft, Jr., Director for Flight Operations, Announcement No. 67-187, "Organizational Changes in the Mission Planning and Analysis Division", 21 December 1967, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

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

John P. Mayer, FM/Chief, Mission Planning and Analysis Division, "Organization of the Mission Analysis Branch", 5 January 1965, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

MSC/JSC Telephone Directories (1963-1987), Organization Files, Center Series, History

Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

"NASA-MSC Mission Analysis Branch routing slip and organization chart", 27 February 1962, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, pp. 6-2 - 6-3, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division, 1 March 1967, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-10, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division, 1 January 1968, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-16, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division Office, 30 November 1970, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-33, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division Office, 9 September 1976, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-52, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division, 28 February 1982, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-62, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Organization chart, Mission Planning and Analysis Division, 5 March 1985, in "The Mission Planning and Analysis Division (MPAD): The End of a Great Era", ed. Gloria B. Martinez, p. 6-66, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Robert R. Gilruth, Director, Manned Spacecraft Center, Announcement No. 51, "Reorganization of the Flight Operations Division", 21 May 1962, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Sigurd A. Sjoberg, Director of Flight Operations, Announcement No. 70-216, "Organizational Changes in the Mission Planning and Analysis Division", 27 November 1970,

Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Sigurd A. Sjoberg, Director of Flight Operations, Announcement, "Organizational Changes in the Mission Planning and Analysis Division", undated ca. 1971, Mission Planning and Analysis Division Documents, Johnson Space Center Oral History Project, Lyndon B. Johnson Space Center, Houston, TX.

Yahoo name search, "Harold Beck, Houston, TX", Accessed 20 February 2004

BIOGRAPHICAL DATA SHEET CREATED: MARCH 1, 2004