

# NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

## BIOGRAPHICAL DATA SHEET

**NAME:** James William McBarron II

**ORAL HISTORY:** 10 April 2000, 28 September 2012

**EDUCATIONAL BACKGROUND:**

B.S. in Geology, University of Dayton, Dayton, Ohio (1961)

**PRE-NASA CAREER:**

Student Assistant, University of Dayton, Dayton, Ohio (1958-1961)

**NASA CAREER:**

Aerospace Technician (AST), Crew Equipment Branch, Life Sciences Division, Space Task Group, Langley Field, Virginia (1961)

NASA Manned Spacecraft Center, Houston, Texas

AST, Crew Equipment Branch, Life Systems Division, Research and Development Directorate (1962-1963)

AST, Space Suit Section, Crew Equipment Branch, Crew Systems Division (CSD), Engineering and Development Directorate (1963-1965)

Head, Space Suit Office (renamed Extravehicular Mobility Unit Office from 9/65-7/66), Apollo Support Office, CSD (1965-1967)

Head, Space Suit Section, Apollo Support Branch, CSD (1967-1970)

Head, Apollo/Skylab Suit Section, Space Suit Branch, CSD (1970-1974)

Head, Space Suit Section, Protective Equipment Branch, CSD (1974-1977)

Head, Space Suit Section, Intra/Extravehicular Equipment Branch, CSD (1977-1981)

Assistant for Space Suits, Shuttle EVA Equipment Office, CSD (1982-1984)

Chief, EVA Equipment Branch, CSD (1984-1986)

Chief, Shuttle Support Branch, Crew and Thermal Systems Division (CTSD) (1986-1990)

Chief, EVA Branch, CTSD (1990-1993)

Chief, Spacesuit Systems Branch, CTSD (1993-1994)

Manager for Space Station, CTSD (1994-?)

Chief Engineer for EVA Projects, CTSD (?-1999)

**CURRENT OCCUPATION:** Retired (February 1999)

**AWARDS & CITATIONS:**

- American Astronautical Society Victor A. Prather Award for outstanding contribution in the field of extravehicular protection in space (1979)

**SELECT PUBLICATIONS:**

Carson, M. A., M. N. Rouen, Charles C. Lutz, and James M. McBarron. "Extravehicular Mobility Unit." In Biomedical Results of Apollo, 545-569. Houston: NASA Lyndon B. Johnson Space Center, 1975.

Lutz, Charles C., H. L. Stutesman, M. A. Carson, and James M. McBarron. "Apollo Experience Report: Development of the extravehicular mobility unit." NASA-TN-D-8093 (CASI 19760003073). Houston: NASA Lyndon B. Johnson Space Center, 1975.

McMann, H. J. and James W. McBarron II. "Challenges in the development of the shuttle extravehicular mobility unit." In Space Shuttle Technical Conference, by the NASA Johnson Space Center, 435-449. Houston: NASA Lyndon B. Johnson Space Center, 1985.

Balinskas, Robert, James W. McBarron II, and Philip M. Spampinato. "Shuttle extravehicular mobility unit (EMU) operational enhancements." Space Station and advanced EVA technologies. 20<sup>th</sup> Intersociety Conference on Environmental Systems, Williamsburg, Virginia, 9-12 July 1990, Technical Papers, by the Society of Automotive Engineers, 1-10. Warren, PA: Society of Automotive Engineers, 1990.

**BIOGRAPHICAL REFERENCES:**

James W. McBarron II Service Record Card, Personnel File, Human Resources Office, Lyndon B. Johnson Space Center, Houston, TX.

Nomination for Victor A. Prather Award (1979), James. W. McBarron II Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

Space Task Group Telephone Books, Organization Series, Center Collection, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

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