

WALTER W. GUY

BIOGRAPHICAL DATA SHEET

NAME: Walter W. Guy

ORAL HISTORY: 30 OCTOBER 2006
27 NOVEMBER 2006
29 JANUARY 2007

EDUCATIONAL BACKGROUND:

- Bachelor of Science degree in Mechanical Engineering, University of South Carolina, Columbia, SC, 1959
- Master of Science degree in Mechanical and Aerospace Engineering and Materials Science, Rice University, Houston, TX, 1968

NASA EXPERIENCE:

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

- Systems Engineering Section, Engineering Division (1959-1961)

NASA Space Task Group, Hampton, VA (1961-1962)

- Mechanical Systems Section, Flight Systems Division (1961-1962)

NASA Manned Spacecraft Center/Lyndon B. Johnson Space Center, Houston, TX (1961-present)

- Energy Conversion Section, Energy Systems Branch (1962)
- Life Systems Division Office, Research and Development Directorate (1962-1963)
- Head, Systems Analysis Section, Environmental Control Systems Branch, Crew Systems Division, Engineering and Development Directorate (1963-1964)
- Head, Life Support Systems Section, Systems Development Branch, Crew Systems Division, Engineering and Development Directorate (1964-1965)
- Head, Systems Analysis Group, Crew Systems Division, Engineering and Development Directorate (1965-1966)
- Head, Environmental Control Systems Development Section, Life Support Equipment Branch, Crew Systems Division, Engineering and Development Directorate (1966-1967)
- Head, Advanced Systems Development Section, Environmental Control Systems Branch, Crew Systems Division, Engineering and Development Directorate (1967)
- Environmental Control Systems Branch, Crew Systems Division, Engineering and Development Directorate (1967-1970)
- Chief, Systems Engineering Branch, Crew Systems Division, Engineering and Development Directorate (1970-1974)
- Assistant Chief, Test and Development, Crew Systems Division, Engineering and Development Directorate (1974-1979)

- Deputy Chief, Crew Systems Division, Engineering and Development Directorate (1979-1980)
- Acting Chief, Crew Systems Division, Engineering and Development Directorate (1980-1982)
- Chief, Crew Systems Division, Engineering and Development Directorate (1982-1983)
- Chief, Crew Systems Division, Engineering Directorate (1983-1986)
- Chief, Crew and Thermal Systems Division, Engineering Directorate (1986-1990)
- Acting Chief, Automation and Robotics Division, Engineering Directorate (1990-1991)
- Chief, Automation and Robotics Division, Engineering Directorate (1991-1994)
- Chief, Automation, Robotics, and Simulations Division, Engineering Directorate (1994-present)

Awards & Citations:

- Sustained Superior Performance Award, 1969
- MSC Certificate of Commendation, 1969
- American Astronautical Society's Victor A. Prather Award, 1974
- NASA Exceptional Service Medal, 1975
- NASA Exceptional Service Medal, 1981

SELECT PUBLICATIONS:

W. W. Guy, "Consideration Towards Design of a Space Radiator for Apollo," NASA TM0X-65211 (Hampton, Virginia: NASA Langley Research Center, 1961): 1-7.

W. W. Guy and J. F. Saunders, Jr., "Water Management during Flight of the Apollo Spacecraft – Project Apollo," NASA-TM-X-64445 (Hampton, Virginia: NASA Langley Research Center, 1961).

W. W. Guy and J. V. Correale, "Space Suits," NASA-19631001 (Houston: NASA Manned Spacecraft Center, 1963).

W. W. Guy and W. E. Ellis, "Vacuum Chamber Heat Transmission Analysis – Project Apollo," NASA-TM-X-65036 (Houston: NASA Manned Spacecraft Center, 1963).

W. W. Guy and W. E. Ellis, "Vacuum Chamber Heat-Transmission Analysis," NASA-TM-X-1355 (Houston: NASA Manned Spacecraft Center, 1967): 1-9.

W. W. Guy, and , "Design Guide for High Pressure Oxygen Systems," NASA-RP-1113 (Houston: NASA Lyndon B. Johnson Space Center, 1983): 1-67.

REFERENCES:

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 Telephone Directory (1962-1973), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

W. W. Guy, "Consideration Towards Design of a Space Radiator for Apollo," NASA TM0X-65211 (Hampton, Virginia: NASA Langley Research Center, 1961): 1-7.

W. W. Guy, et al., "Design Guide for High Pressure Oxygen Systems," NASA-RP-1113 (Houston: NASA Lyndon B. Johnson Space Center, 1983): 1-67.

W. W. Guy and J. F. Saunders, Jr., "Water Management during Flight of the Apollo Spacecraft – Project Apollo," NASA-TM-X-64445 (Hampton, Virginia: NASA Langley Research Center, 1961).

W. W. Guy and J. V. Correale, "Space Suits," NASA-19631001 (Houston: NASA Manned Spacecraft Center, 1963).

Walter W. Guy NASA Biographical Data Sheet (n.d.), Walter W. Guy Key Personnel File, Awards Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

Walter W. Guy NASA Biographical Data Sheet (January 1986), Walter W. Guy Key Personnel File, Awards Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

W. W. Guy and W. E. Ellis, "Vacuum Chamber Heat Transmission Analysis – Project Apollo," NASA-TM-X-65036 (Houston: NASA Manned Spacecraft Center, 1963).

W. W. Guy and W. E. Ellis, "Vacuum Chamber Heat-Transmission Analysis," NASA-TM-X-1355 (Houston: NASA Manned Spacecraft Center, 1967): 1-9.

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