

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Martin Lloyd Raines

ORAL HISTORY: 20 August 1998

EDUCATIONAL BACKGROUND:

B.S. in Engineering, Iowa State University, Ames, Iowa, 1939

M.A. in Engineering, George Washington University, Washington, DC, 1963

MILITARY EXPERIENCE: Colonel, United States Army, Ordnance Corps (1942-1964)

PRE-NASA CAREER:

Executive Officer, United States Army Ordnance Corps (1942-1951)

Chief, Artillery and Fire Control Branch, Industrial Division, Office of Chief of Ordnance, Washington, DC (1951-1954)

Student, United States Marine Corps Amphibious Warfare School, Quantico, Virginia (1955-1956)

United States Army Ballistic Missile Agency, Redstone Arsenal, Alabama

Chief, Engineering Branch, Industrial Division (1956-1959)

Deputy Chief, Industrial Division (1956-1959)

United States Army Ordnance Missile Command

Chief, Mercury Liaison Office, Langley Field, Virginia (1959-1961)

Chief, Pacific Field Office, Kwajalein, Marshall Islands (1961-1962)

United States Army Material Command, Washington, DC

Chief, Missile Division, Material Readiness Directorate (1962-1963)

Arms Control and Disarmament Agency, Department of Defense

Test Director, Project Cloud Gap-9 (1963-1964)

NASA CAREER:

Manager, White Sands Test Facility, NASA Manned Spacecraft Center, Las Cruces, New Mexico (1964-1969)

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

Manager, Reliability and Quality Assurance Office (1968-1972)

Manager, Flight Safety Office (1968-1972)

Director, Safety, Reliability and Quality Assurance (1972-1987)

POST-NASA CAREER: Unknown

PROFESSIONAL & HONORARY SOCIETIES:

- Alpha Tau Omega (Honorary Academic Society)
- Scabbard and Blade

- American Ordnance Association
- Association of the United States Army
- Military Order of the World Wars
- American Society of Quality Control
- American Institute of Aeronautics and Astronautics

AWARDS & CITATIONS:

- Legion of Merit, United States Army
- Commendation Medal, Department of Defense
- NASA Exceptional Service Medal, 1969
- NASA Distinguished Service Medal, 1974
- JSC Special Achievement Award, 1978

SELECT PUBLICATIONS:

Raines, Martin L. "Nike Zeus - Too Early or Too Late?" May 1963.

Raines, Martin L. "The Space Shuttle Reliability Program." Joint Conference, Ministry of Defense, Canterbury, England. 19 September 1974.

BIOGRAPHICAL REFERENCES:

Laura Taber Barbour Air Safety Award Nomination Recommendation (31 October 1977), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

Meritorious Executive Nomination Recommendation (8 March 1983), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

NASA Biographical Data Sheet (1970), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

NASA Biographical Data Sheet (April 1985), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

NASA Biographical Data Sheet (September 1986), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

NASA Document, Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

NASA Outstanding Qualities Document (11 January 1974), Martin L. Raines Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

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