

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Joseph E. Mechelay

ORAL HISTORY: 16 June 2000

EDUCATIONAL BACKGROUND:

B.S. in Aeronautical Engineering, New York University, New York, New York, 1956

MILITARY EXPERIENCE: Lieutenant, United States Air Force

PRE-NASA CAREER:

Engineer, Northrop Aircraft (1956-1957)
Wright-Patterson Air Force Base, Dayton, Ohio
Engineer, (Lieutenant, USAF), C-130 Project Office (1957-1960)
Engineer, MACE Program Office (1960-1961)
Engineer, Dyna-Soar Program Office (1961-1963)

NASA CAREER:

NASA Manned Spacecraft Center, Houston, Texas
Lunar Module Engineer, Lunar Excursion Module (LEM) Administration Office
LEM Office/Apollo Spacecraft Program Office, (1963)
Apollo Systems Engineer, Design Control Branch/ Systems Engineering Division/
Apollo Spacecraft Program Office, (1964)
Apollo Systems Engineer, System Integration Branch/ Systems Engineering Division/
Apollo Spacecraft Program Office, (1965-1967)
Aerospace Engineer, Test Requirements Branch/ Test Division/ Apollo Spacecraft
Program Office, (1967-1973)
Aerospace Engineer, Test Requirements Branch/ Test Division/ Program Operations
Office (1973-1981)
Manager, Shuttle Evaluation Office/ Space Shuttle Projects Office, (1981-1988)
Manager, Flight Data and Evaluation Office/ Orbiter and Government Furnished
Equipment (GFE) Projects Office, (1988-date unknown)

POST-NASA CAREER:

Boeing (United Space Alliance), Houston, Texas

AWARDS & CITATIONS:

- Sustained Superior Performance Award (2)
- Superior Achievement Award
- Certificate of Commendation (2)
- Special Achievement Award
- NASA Exceptional Service Medal

SELECT PUBLICATIONS:

Arabian, Donald D. and Joseph E. Mechelay, "Apollo 15 Main Parachute Failure." 7th Aerospace Mechanical Symposium, Houston, Texas: NASA Lyndon B. Johnson Space Center, 1972. P 137-148.

Mechelay, Joseph E. "Apollo Experience Report: Test and Checkout." NASA-TN-D-7683 (JSC-S-392). Houston, Texas: NASA Lyndon B. Johnson Space Center, 1974.

Mechelay, Joseph E. and Robert J. Ward. "Flight Problem Evaluation for Space Shuttle Orbiter." Proceedings, 10th Aerospace Testing Seminar, Los Angeles, California, March 10-12, 1987. Mount Prospect, Illinois: Institute of Environmental Sciences, 1987. P 15-21.

BIOGRAPHICAL REFERENCES:

NASA Biographical Data Sheet (1988), Joseph E. Mechelay Biographical File, Public Affairs Office, Lyndon B. Johnson Space Center, Houston, TX.

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