

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Carroll H. "Pete" Woodling

ORAL HISTORY: 19 January 2000

EDUCATIONAL BACKGROUND:

B.S. in Physics, William and Mary College, Williamsburg, Virginia, 1950

PRE-NASA CAREER:

Teacher, Newport News High School, Newport News, Virginia (1950-1951)

NACA, Langley Research Center

Aeronautical Research Engineer (1951-1958)

NASA CAREER:

Langley Research Center, Langley Field, Virginia

Head of Dynamic Stability and Control Group (1958-1960)

Head of Systems Simulations Section, Theoretical Mechanics Division (1960-1962)

Manned Spacecraft Center/Lyndon B. Johnson Space Center, Houston, Texas

Chief, Flight Evaluation Branch/Flight Crew Operations (1962-1964)

Acting Chief, Crew Safety Section/Flight Crew Operations (1963)

Chief, Crew Safety and Procedures/ Flight Crew Operations (1964-1965)

Asst. Chief, Spacecraft Training/ Flight Crew Operations (1965-1966)

Asst. Chief, Crew Training/ Flight Crew Operations (1966-1972)

Acting Chief, Flight Planning/Flight Crew Operations (1967)

Chief, Crew Training and Simulation Division, (1972-1974)

Chief, Flight Simulation Division, (1974-1980)

Assistant Director of Data Systems and Analysis, (1980-1983)

Assistant to the Director of Mission Support, (1983-date unknown)

AWARDS & CITATIONS:

- NASA Manned Spacecraft Center Certificate of Commendation, 1969
- National Aeronautics and Space Administration Exceptional Service Medal, 1973
- American Institute of Aeronautics and Astronautics (AIAA) de Florez Training Award for Flight Simulation, 1973

SELECT PUBLICATIONS:

Gates, Ordway B., Albert Schy and C. H. Woodling. An Analysis of the Lateral Stability of the Douglas D-558-II Airplane Equipped with a Yaw Damper. NACA RM 152K14a, November 1952.

Schy, Albert A., and C. H. Woodling. Preliminary Theoretical Investigations of Several Methods for Stabilizing the Lateral Motion of a High-Speed Fighter Airplane Towed by a Single Cable. NACA RM L 52L24, December 1952.

Gates, Ordway B., Jr., and C. H. Woodling. A Method for Estimating Variations in the Roots of the Lateral Stability Quartic Due to Changes in the Mass and Aerodynamic Parameters of an Airplane. NACA TN-3134, January 1954.

Campbell, John P., and C. H. Woodling. Calculated Effects of the Lateral Acceleration Derivatives on the Dynamic Lateral Stability of a Delta-Wing Airplane. NACA RM L54K26, January 1955.

Gates, Ordway B., Jr. and C. H. Woodling. Theoretical Analysis of the Longitudinal Behavior of an Automatically Controlled Supersonic Interceptor During the Attack Phase. NASA TR-19, 1959.

Woodling, C. H., and Ordway B. Gates, Jr. Theoretical Analysis of the Longitudinal Response Characteristics of an Automatically Controlled supersonic Interceptor Maneuvering and Non-Maneuvering Targets. NASA TND-454, June 1960.

Gates, Ordway B., Jr. and C. H. Woodling. A Theoretical Analysis of the Effects of Engine Angular Momentum on Longitudinal and Directional Stability in Steady Rolling Maneuvers. NACA TN-4249. April 1958.

Gates, Ordway B., Jr., Joseph Weil, and C. H. Woodling. Effect of Automatic Stabilization on the Slideslip and Angle-of-Attack Disturbances in Rolling Maneuvers. NACA RM L55E25b. July 1955.

Schy, Albert A., Ordway B. Gates, Jr. and C. H. Woodling. Simulator Studies and the Attack Phase of an Automatically Controlled Interceptor. I-Preliminary Studies of the Lateral and Longitudinal Control Systems. NACA RM L55E27a. August 1955.

BIOGRAPHICAL REFERENCES:

AIAA DeFlorez Training Award Nomination Form (1973), C. H. Woodling Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, TX.

Award Nomination for Special Achievement Award, Carroll H. Woodling, 23 April 1980, Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

Biographical Data, Lyndon B. Johnson Space Center, C. H. (Pete) Woodling, JSC PAO Office, Public Affairs Office, Lyndon B. Johnson Space Center, Houston, Texas.

Carroll H. Woodling – Assistant Chief for Crew Training – GS – 16 - with NASA 18 years, Biographical File, Cabinet 3, Drawers 4 & 5, History Collection, Scientific and Technical Information Center, Lyndon B. Johnson Space Center, Houston, TX.

Cleaveland, F. A. to Carroll H. Woodling, 4 September 1973, Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

List of Reports [Carroll H. Woodling], Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

Low, George M. to Carroll H. Woodling, 10 January 1974, letter, Key Personnel File, Awards Office, Lyndon B. Johnson Space Center, Houston, Texas.

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