



Carrier Qualifications, USS *Cabot* (CVL-27) - 1950

Mr. Neil A. Armstrong
 “Neil”

Date of Designation: 1950

Dates of Active Duty: 1949 - 1954

Total Flight Hours: 7,000

Carrier/Ship Landings: Fixed wing: 112

Combat Tours:

Korea: VF-51 aboard USS *Essex* (CVA-9). Flew 78 combat missions in F9F-2 during 1951-52 tour in Sea of Japan. Received damage to aircraft over North. Made it to vicinity of Marine airstrip just below bomb line (King K3) and ejected. Returned to the ship and completed the tour.

Combat Awards:

3 Air Medals

Duty Assignment Chronology

1946 U.S. CAA Pilots License.
 1949-50 NATC Pensacola/Corpus Christi, Student. SNJ, F8F-1.
 1950 Designated U. S. Naval Aviator FASRON 7, NAS North Island, CA., SNJ, F8F-2.
 1950-52 VF-51, NAS North Island and USS *Essex*. Korean action, F9F-2.
 1952 VR-32, NAS North Island, F6F, F8F, F9F, TBM/TBD, AD, F4U, SNJ, SNB, PV-2, TV-2, R4D.
 1954 Aeronautical Engineer, Carrier Suit, Branch, Naval Air Test Center, Patuxent River, MD.
 1952-55 VF-724, NAS Glenview, FG-1D, F9F-6/7.
 1955-57 VF-773, NAS Los Alamitos, F9F-6.
 1955 Designated NACA Research Pilot and Engineer. Icing Studies, Deicing Tests, High Reynolds Number heat transfer, NACA



1996

Lewis Research Center, R4D, F-82.
 1955 Transferred to NACA Flight Research Center, Edwards AFB, CA. Supersonic Boundary Layer Heating, Supersonic Stability and Control Testing, F100A.
 1956 Use of Leading Edge Slats for Pitchup Alleviation, F-100A. Supersonic Compressor Stall Boundary Studies F-100A, F-101. Shock Wave Loading of Empennage [in-flight], F-100C. Boundary Layer Noise, B-47A.
 1957 Roll Coupling Alleviation Using Pitch Damping, F-100C/D. Supersonic Boundary Layer Transition and Heat Transfer, F-104A.
 1958 Designated NASA Research Pilot and Scientist, NPE, XF4H-1. Minimum Controllability Boundary Determinations, Variable Stability YF-86D, F-86E.
 1959 Supersonic Parachute Development, F-104. Variable Stability Systems Development F-101.
 1960 Self-Adaptive Flight Control System Development, F-101. Supersonic Boundary Layer Studies, F-104. Reaction Control Development, F-104A. X-1B, Low L/D Landing Studies, F-102, F-104, X-1B. Ball nose Development, X-15.
 1961 Dyna-Soar Abort. Development, F5D. Adaptive. Control System, F-101A, X-15.
 1962 Supersonic Radar Altimetry, F-104D. Flexible Wing Glider Approach and Development, Parasev.
 1962 Designated Astronaut - Transferred to NASA Manned Spacecraft Center.
 1963-69 NASA Manned Space Program, Commanded Gemini VIII and Apollo 11. Moon landing.
 1970 Designated NASA Deputy Associate Administrator (Aeronautics).
 1971-79 University Professor of Engineering, University of Cincinnati.

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Duty Assignment Chronology continued

1973 President., Lorian, Inc.
1989- Chairman, AIL.Systems, Inc.

Summary of Significant Career Events

WORLD RECORDS

- Apollo 11, 6 World's records.
- Time to Climb to 15,000 meters, Class. C-1e Group 3, 12 minutes 26.7 seconds, LR28, 2/19/79x.
- Attitude, Class C-1f Group 3, 15,584.6 meters, LR28, 2/19/79x.
- Altitude, Class C-1e Group 3, 15,584.6 meters, LR28, 2/20/79x.
- Attitude in Horizontal Flight, Class C-1f Group 3, 15,584.6 meters, LR28, 2/19/79x
- Attitude in Horizontal Flight, Class C-1e Group 3, 15,584.6 meters, LR28, 2/20/79x
- Round the World Eastbound, Class C-1 & C-1t (U.S)(participant), Boeing 747SP, 1/29-30/88.