

# 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

1946

1949-50

#### **Duty Assignment Chronology**

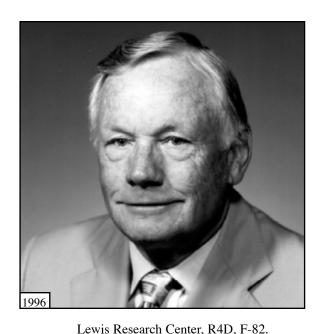
NATC Pensacola/Corpus Christi, Student.

U.S. CAA Pilots License.

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



Transferred to NACA Flight Research Center, Edwards AFB, CA. Supersonic Boundary Layer Heating, Supersonic Stability and Control Testing, F100A. Use of Leading Edge Slats for Pitchup Alleviation, F-100A. Supersonic Compressor Stall Boundary Studies F-100A, F-101. Shock Wave Loading of Empennage [inflight], F-100C. Boundary Layer Noise, B-47A.

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.

1955

1956

1957

1959 Supersonic Parachute Development, F-104. Variable Stability Systems Development F-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.

- Continued -

#### **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.