



Arthur L. Nalls, Jr., LtCol. USMC (Ret.)
 “Art”

Date of Designation: June 1979

Dates of Active Duty: June 1976 to August 1998.

Total Flight Hours: 3,000 +
 Jet: 2,000 Helo: 4.7 V/STOL: 1,700+

Number of Different Aircraft Flown: Over 85

Fixed Wing V/STOL Variants Flown: 8
 AV-8A, B, and C models/TAV-8A and B models/YAK-38U/
 VAAC Harrier/Sea Harrier FA.2.

Carrier/Ship Landings: Conventional fixed wing: 10
 350 VSTOL shipboard

Awards:
 Single-Mission Air medal with Gold 1

Duty Assignment Chronology

6/72-9/76	U.S. Naval Academy, Annapolis, MD. The Basic School, Quantico, VA. Class 1-77
10/77-2/78	NAS Whiting Field, Fl.
3/78-5/79	NAS Kingsville, TX.
6/79-12/84	MCAS Cherry Point, NC.
1/85-12/85	USAF Test Pilot Course, Edwards AFB, CA.
1/86-6/89	NATC Patuxent River, MD.
7/89-1/90	MCAS Cherry Point, NC.
1/90-93	NAVAIRSYSCOM, Washington, D.C.
1993-95	Joint Advanced Strike Technology Office.
1995-8/98	Office of the Special Assistant to SecDef for Gulf War Illnesses.



Summary of Significant Career Events

- (1) Flew over 85 different model aircraft; including the AV-8A, B, and C Models/TAV-8A and B models YAK-38U, VAAC Harrier/Sea Harrier FA.2.
- (2) Suffered a catastrophic engine failure in an AV-8A, directly over Richmond, VA and safely landed the plane.
- (3) VSTOL Centurion aboard USS *Tarawa* in WestPac 1983.
- (4) Shellback 1983.
- (5) Selected as the single Marine to attend the US Air Force Test Pilot School, graduating with class 85A.
- (6) Part of the initial cadre of pilots to test the AV-8B at NAS Pax River, MD.
- (7) Project pilot for TAV-8B, 3rd person to fly it.
- (8) Supported cross-deck of USMC Harriers to ‘Principe’ to experience 12 deg ski jump, using the launch bulletin and flight clearance he developed for NAVAIR on behalf of the Spanish government.
- (9) Returned to MCAS Cherry Point, NC in 1989
- (10) Medically grounded for Meniere’s disease and taken off deployment rotation. Was considered for medical discharge but was able to stay on active duty in non-flying roles.
- (11) NAVAIR Class Desk for Harrier.
- (12) Project Officer for Joint Advanced Strike Technology (JAST) which became the X-35 and later the F-35.
- (13) Division Lead for Chemical and Biological Investigations for the Office of the Special Assistant to the Secretary of Defense, for Gulf War Illnesses.

Flight Test Experience

(1) AV-8B, A4-M, TA-4F/J and TAV-8B aircraft, designated Category D test pilot (normally reserved only for the contractors and envelope expansion), to include high angle of attack, departure resistance and handling qualities, asymmetric stores takeoffs and landings, weapons carriage and separation tests, single-engine airstart envelope verification, simulated and actual flameout landings, shipboard compatibility, including initial takeoffs and landings from foreign 'ski jump' ships ("ITS Garibaldi" with 6deg ramp, and the Spanish "Principe de Asturias" with 12 deg ramp), shipboard launch bulletin development, including minimum end speed takeoffs and max gross weight demonstration.

(2) A-4M and TA-4F/J flight test included Category D flight test, including authorization to practice and perform simulated and actual flameout landings. Over 6 hours of flight time in single-jet without the engine running (AV-8B, TAV-8B, A-4M, and TA-4 F/J models)

(11) Married to Patricia Hatfield-Nalls

(12) Two adult sons – Arthur and Brian

Summary of Significant Post Career Events

- (1) 1998 - Founded Nalls Development and Investment; to own, manage, and invest in historically low-income neighborhoods in Washington, D.C., VA, and MD.
- (2) 2001 - Founded Nalls Aviation, Inc. – to preserve in flying condition former military aircraft, including a Russian YAK-3M, L-4, L-39, and Sea Harrier.
- (3) 2005 - Purchased a surplus British "Sea Harrier" VSTOL fighter, with the intent to operate as civilian aircraft.
- (4) 2007 - November 10, the first flight of a civilian Harrier of any variant.
- (5) 2007 - November 11, the first catastrophic hydraulic failure of a civilian Harrier of any variant, successfully landed vertically at NAS Pax River. Last vertical landing in a Harrier was 18 years earlier.
- (6) Continues to operate the World's only civilian Harrier.
- (7) Designated as a Certified Flight Instructor in Fixed Wing and Powered Lift categories.
- (8) Authorized UNRESTRICTED, Surface-Level aerobic rating in both the Harrier and the L39.
- (9) First person to be granted a surface-level aerobic rating in the Harrier.
- (10) Owns, but has not yet flown, a BD-5J jet aircraft. This aircraft hold's the World Record for the smallest jet, S/N BDA-01, formerly registered N3038.