

Thomas A. Morgenfeld, Captain USN (Ret.)
 "Trees"

Date of Designation: 11 February 1967

Dates of Active Duty: June 1965 - December 1979

Total Flight Hours: 6,875

Carrier/Ship Landings: Fixed wing: 560

Approximate Flight Hours:
 Jet: 4,815 Prop: 2,050 VF/VA: 3,975

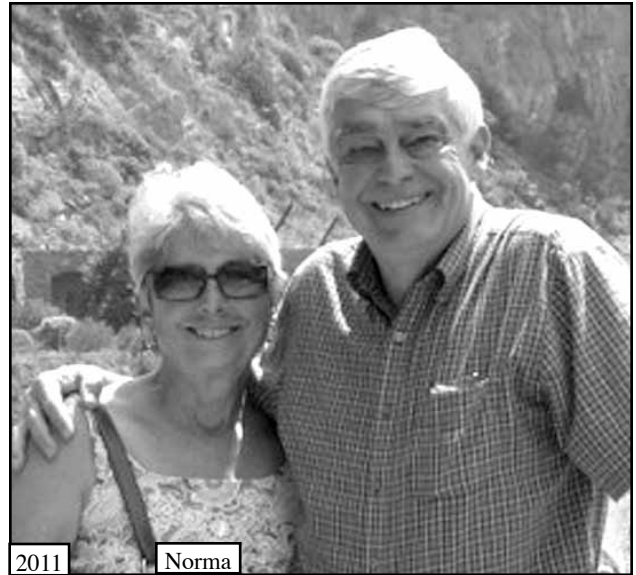
Combat Tours:
 Vietnam: VF-191 (F-8), USS *Oriskany*, July 1972 -
 March 1973. 90 combat missions

Aviation Commands:
 CO, NWC China Lake 0276, May 1986 - July 1989

Military Awards:
 Six Strike/Flight Air Medals
 Navy Commendation Medal
 Air Force Commendation Medal with Oak Leaf Cluster
 Vietnam Service and Campaign Medals

Duty Assignment Chronology

- 6/61-6/65 U. S. Naval Academy. Graduated with a Bachelor of Science degree in Aeronautical Engineering.
- 6/65-2/67 Naval Air Training Command (T-34, T-2, TF-9, AF-9, F-11).
- 3/67-10/67 VF-124, Fleet Replacement Pilot Training (F-8C, D, E).
- 11/67-9/69 VF-62, Aircraft Division Officer, Safety Officer, LSO, Operations Officer (F-8C, H).
- 10/69-1/70 VF-124, Combat Flight Instructor (F-8H, J).



- 1/70-4/72 U. S. Naval Postgraduate School. Graduated with a Master of Science Degree in Aeronautical Engineering (T-1).
- 5/72-7/72 VF-124, refresher training (F-8J).
- 7/72-10/74 VF-191, Maintenance Officer (F-8J)
- 10/74-1/75 U. S. Naval Test Pilot's School, test pilot orientation (T-28, T-38, TA-4, NU-1 + 5 other types).
- 1/75-12/75 Empire Test Pilots' School (RAF), student test pilot (Lightning, Hunter, Canberra, Harrier + 8 other types).
- 1/76-12/79 VX-4: Operational Test Director for Projects HAVE IDEA, HAVE PAD, HAVE UP; F-18 cockpit advisory team member (F-4, TA-4, F-14, YF-17, MiG-17, MiG-21, MiG-23, SU-22 + 7 other types).
- 2/79-12/79 4477th Test and Evaluation Flight / 64 & 65 Tactical Fighter Squadrons (USAF); Aggressor Pilot, lead USN pilot (F-5, MiG-21 + 4 other types).
- 1/80-7/89 Various Naval Air Systems Command units culminating in command of Naval Weapons Center China Lake 0276 (no flying!).
- 12/79-1/04 Lockheed Skunk Works; Engineering Test Pilot, Experimental Test Pilot, Chief Test Pilot, Director of Flight Operations (Alfa-jet, YF/F-117, T-38, F-4, A-7, YF-22, F-15, F-16, X-35).
- 6/06-Present National Test Pilot School: Test Pilot Instructor; Trustee; Chairman, Board of Trustees

Summary of Significant Career Events

1. McKenna Trophy winner 1975 (Royal Air Force) as top student at ETPS.
2. Plank Owner, F-18 Aircrew Systems Advisory Panel (cockpit/systems development).

Summary of Significant Career Events continued

3. Led and flew all USN airborne foreign exploitation programs for four years (4 types).
4. Performed first USN exploitation flights of MiG-23.
5. Performed first USN exploitation flights of SU-22.
6. Performed ACM evaluation of YF-17.
7. First Naval Aviator to qualify as a USAF Aggressor Pilot.
8. Plank owner of 4477th Test and Evaluation Flight (USAF). Led USN participation in joint tactical exploitation of various MiG airplanes.
9. Skunk Works test pilot for various USN proposals (VTX/TS, F-117N, NATF, AX).
10. Performed FCLP evaluation of modified F-117.
11. Flew over 1,200 hours testing F-117.
12. Iven C. Kincheloe Award winner and four time nominee, Society of Experimental Test Pilots (SETP).
13. Elected Fellow of SETP.
14. Elected President, SETP.
15. First flight, Pratt and Whitney powered YF-22.
16. Inducted into Aerospace Walk of Honor.
17. First flight and Chief Test Pilot, X-35.
18. Member of two Collier Trophy winning teams (F-117, X-35).
19. First pilot to be named a Lockheed Martin Engineering Technical Fellow.
20. Elected Chairman, NTPS Board of Trustees.
21. Have flown almost 7,000 hours in over 80 different types of aircraft

Family

Married to best wingman ever, Norma. Two sons, Steve and Mike; four grandsons, Tommy, Bobby, Matt and Jim.