

**TERRY E. TOMENY**

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**CAREER SUMMARY**

Over thirty-five years of flight test, program management, and operational flight experience as an executive level technical manager, director of flight test/operations, and experimental test pilot in the engineering development of the F-22, C-17, F-16, Eclipse 500, Eclipse Concept Jet, P-8, T-X and numerous other programs. DoD level program and financial management in the initial acquisition of the Advanced Tactical Fighter (F-22/23) and Advanced Tactical Aircraft (A-12), and Operations Group Commander/Director of Flight Operations for the Air Force Flight Test Center.

**EDUCATION and TRAINING**

B.S. & M.E., Mechanical Engineering, Rensselaer Polytechnic Institute  
Certified Acquisition Corps Level III - Program Management and Test & Evaluation  
Program Managers Course, Defense Systems Management College  
US Air Force Test Pilot School  
Certified Civilian Flight Instructor  
Air War College, Air Command & Staff College, Squadron Officers School  
Numerous Quality and Critical Chain Management Courses

**EXPERIENCE****TomenyAero Inc, Florence, OR****2016 - Present**

**President** – Small, very selective consulting company to be able to respond to numerous requests for flight test, flight instruction, flight touring, test program management consulting, or any other interests concerning flight test's role in innovation in the effective development of new aviation products.

**The Boeing Company, St Louis, MO****2013 – 2016**

**Director Early Test Engagement – Global Strike, Boeing Military Aircraft** – Special assignment to bring innovation and early test & evaluation engagement to Boeing Military Aircraft programs. Special focus on the initial design and test program development of Boeing's T-X candidate aircraft as well as numerous confidential programs.

**The Boeing Company, Patuxent River NAS, MD/Seattle, WA****2010 – 2013**

**Director P-8 Test & Evaluation IPT/Senior P-8 Test Program Manager** – Handpicked to lead the development test program of the P-8A as the Contractor Flight Test Director at the Integrated Test Team at Patuxent River and the P-8I Test Team in Seattle. Successfully built a 300 person P-8A test team and led the program from first test flight to entry into successful Dedicated Operational Test & Evaluation in 2 ½ years. Concurrently led a 90 person P-8I test team at Boeing Field from first flight to completion of development test in less than 9 months.

**Calspan Corporation, Mojave, CA****2007 – 2010**

**Deputy Director/Director of Operations/Experimental Test Pilot BicycleWorks Division** – Responsible for the startup and initial operations of a new West Coast division of Calspan Corporation focusing on rapid prototyping, flight test, and flight test support. Safely and effectively established the first and only commercial F-16 flight test/test support operations.

**Eclipse Aviation Corp, Albuquerque, NM****2005 - 2007**

**Director of Flight Test Engineering/Experimental Test Pilot** – Assembled and directed a 100 person test team in the execution of all initial development and certification testing of the Eclipse 500 Very Light Jet under CFR Part 23 in less than two years. Oversight included all test pilots, flight test engineering, aircraft maintenance, instrumentation, and telemetry/control room personnel. Project test pilot for first flight and all development and demonstration flights of the Eclipse Concept Jet.

**Lockheed Martin Aeronautics Co, Edwards AFB, CA****2003 - 2005**

**Experimental Test Pilot/Instructor Pilot** – Planned, conducted, and reported on developmental testing for all Blocks of the F-16 as the Chief Lockheed Test Pilot at the 416<sup>th</sup> FLTS. Instructor pilot for F-16 Departure/Deep Stall and other F-16 training.

**Lockheed Martin Aeronautics Co, Edwards AFB, CA****2000 – 2003**

**F-22 Mission/Avionics Flight Test Manager** at the F-22 Combined Test Force. Responsible for the development and planning of all Mission/Avionics flight test requirements, acquisition and configuration management of all flight test resources to include six uniquely modified F-22 aircraft, hiring, training, and obtaining required security clearances for over seventy engineers, safely and effectively directing all Mission/Avionics flight test operations, and coordinating initial flight test data processing and analysis with F-22 product Integrated Product Teams during the initial development test program for the F-22 Air Dominance Fighter.

**Lockheed Martin Tactical Aircraft Systems, Edwards AFB, CA****1997 - 2000**

**Experimental Test Pilot/Flight Test Consultant** – Planned, conducted, and reported on developmental testing for all Blocks of the F-16. Executive level flight test consultant for numerous current flight test programs including the F-22, C-130J and the Korean KTX-2 (later T-50).

**412th Test Wing, Edwards AFB, CA****1995-1997**

**Commander, 412th Operations Group and Director of Flight Operations** for the Air Force Flight Test Center. Responsible for test program guidance and approval, technical and safety review, test planning, and the safe and efficient execution of flight testing on nearly every type of aircraft in the USAF inventory and numerous unmanned vehicle test programs. Directed the management of base operations, weather, airfield management, life support, air traffic control, scheduling, and aircrew management.

- Directed the largest, most active and diverse flight test operation in the world - nine flight test squadrons and the USAF Test Pilot School with over 300 aircrew members flying over 100 highly modified test and test support aircraft of over 20 different types.
- Executed 18,000 hour annual flying program within 2% of forecast, \$250,000 under budget.
- Recognized USAF expert on the test and evaluation process - handpicked by the Pentagon to lead a mandated review of all USAF test and evaluation policy and recommend streamlined improvements.

**412th Test Wing, Edwards AFB, CA****1992-1995**

**C-17 Combined Test Force, Director** of 950 person, multi-service/contractor initial development test team with \$42 million annual budget. Responsible for integrating developmental and initial operational test requirements for the USAF, Army, Marine Corps, and numerous contractors.

- Handpicked to lead the C-17 test program through the most intense part of a very scrutinized and visible test program when on the brink of cancellation. Safely and efficiently executed over 3,600 flight test hours on schedule and within budget, completing the initial development test program, and earning the 1994 Collier Trophy.
- CTF Director for approximately 80% of the total development flight test time of the C-17. Directed the development of a realistic integrated test schedule, which was precisely executed. Concurrently released ten initial blocks of operational capability to the user - on time, as promised - taking AMC from no capability, to global all-weather capability, with air refueling, in less than a year.

**3246th Test Wing, Eglin AFB, FL** **1991-1992**  
**Assistant Deputy Commander for Operations** and Flight Manager for 71 test and support aircrews flying 35 aircraft of 7 different types at both Eglin and Holloman AFB executing armament, electronic combat, and reconnaissance systems testing.

**Secretary of the Air Force Staff, Pentagon** **1988-1991**

- **Executive to the Principal Deputy**, Assistant Secretary of the Air Force for Acquisition - provided direct support and advice to the Principal Deputy - liaison between SECAF, AF Chief of Staff, and six SAF/AQ directorates - direct advisor the AF Chief of Staff during Advanced Tactical Fighter demonstration/validation process.
- **Advanced Tactical Aircraft/Advanced Tactical Fighter, Flight Test Manager, Fighter Division**, responsible for resolving issues regarding procurement, production, engineering, technology, disclosure, and programming, budgeting, and procurement actions of the USAF advanced fighter/attack programs.
- **Deputy for F-16 Advanced/International Programs, Fighter Division.**

**Seventh Air Force, Osan AB, Korea** **1987-1988**  
**Director of Safety** for all USAF flight, ground, and explosive operations in South Korea.

**F-16 Combined Test Force, Edwards AFB, CA** **1984-1987**  
**Operations Officer**, Chief Performance and Flying Qualities Branch, Airshow Pilot, Project Test Pilot for F-16 Digital Flight Controls, Reconnaissance Pod Demo, High AOA Instructor/Test Pilot

**6512th Test Squadron, Edwards AFB, CA** **1983-1984**  
**F-4/A-7/T-38 Experimental Test Pilot - ALCM/GLCM cruise missile chase pilot**

**USAF Test Pilot School, Edwards AFB, CA** **1982-1983**

**RF-4C Instructor Pilot/Flight Examiner, 26th TRW, Zweibrucken AB, Germany** **1978-1982**

## HONORS

2009-10 President Society of Experimental Test Pilots  
2008 Iven C. Kincheloe Award Winner from the Society of Experimental Test Pilots  
2006 James H. Doolittle Award Winner from The Society of Experimental Test Pilots  
2005 Collier Trophy Winner for the Eclipse 500 Program  
1998 Formula One Rookie of the Year – National Championship Air Races, Reno, NV  
1994 Collier Trophy Winner for C-17 Development Program  
AFFTC Nominee - 1994 J.H. Doolittle Award  
Top Graduate (Liethen - Tittle Award Winner) -- US Air Force Test Pilot School Class 82B  
17 AF Reconnaissance Pilot of the Year -- 1981  
Top Graduate -- RF-4C RTU Class  
Top Graduate -- T-38 Pilot Instructor Training Class 75-11  
Top Graduate/Academic Award Winner – USAF Undergraduate Pilot Training Class 75-01