



**Frank Robbins**  
**Senior Consultant, RWB Aerospace Professionals**

Senior technical and business development professional with extensive record of success leading large-scale, complex organizations and teams. Possesses an impressive depth and breadth of technical knowledge in all things weapons-related. Frank Robbins’ career at Eglin began decades ago and he continues to support the weapons community there, consulting on various programs and helping lead the local National Defense Industrial Association (NDIA)—Gulf Coast Chapter. Awarded the Richard H. Johnson Technical Achievement Award by the Precision Strike Association in 2016.

- Weapons Design, Development & Testing
- Business Development
- Open Systems Architecture
- Technology Insertion
- Technology Innovation
- Proposal Technical Volume

**Accomplishments**

**Weapons Design Leader**

As prior Director of the Precision Strike System Program Office at Eglin AFB, Frank Robbins directed a 175-person joint service program office consisting of 16 integrated product teams, supplemented by a 20-person sustainment complement at Ogden Air Logistics Center, Hill AFB. Recognized for technical excellence with the Richard H. Johnson Technical Achievement Award, listed in the Guinness Book of World Records for Modern Weapons Expertise, and was a Sloan Fellow at MIT.

**Technology Innovation**

Instrumental in leading the Flexible Weapons Systems concept that evolved into adoption of Open Systems Architecture at Eglin AFB and throughout the country. Directed a broad spectrum of programs to include the AMRAAM, AIM-9X, AGM-130, GBU-15, Enhanced GBU-15, AGM-142 and Improved Maverick (AGM-65H/K) precision guided weapons; advanced fuzing systems; advanced warhead systems; Conventional Air Launched Cruise Missile ordnance improvements; Air Force Hard and Deeply Buried Target Programs; Air Force Counter-proliferation Advanced Concept Technology Demonstrations; Miniature Air-Launched Decoy program; Air Force Explosive Hazard Reduction Program; and advanced aircraft data link pod.

**Business Development**

Continues to play a critical role in technical approach and proposal development for classified weapons programs, helping lead clients to profitable wins. Expert at color team reviews and technology insertion.

**Technical Proposal Expertise**

Successfully participated with multiple industry clients in the preparation and review of technical volumes for multiple high priority weapon systems and subsystems with emphasis on systems engineering which resulted in major contract awards from US Air Force, Navy and Army program offices and laboratories

**Work History**

**Senior Consultant:** Consults for DoD and private industry, providing technical and business development expertise and contributing to program excellence. Chaired or Co-chaired significant Industry Panels for NDIA in such areas as Universal Armament Interface, Weapon Fuzing, Urban and Complex Terrain Close Air Support, Air Launched Weapon System Engineering, Systems 2003 - Present

Engineering for Urgent and Compelling Weapons Programs, and Flexible Weapons for Next Generation Platforms.

**Director, Precision Strike System Program Office, Eglin AFB:** Directed a 175-person Joint Service Program Office, coordinating with others at Hill AFB. Responsible for a broad spectrum of programs including AGM-130, GBU-15, Enhanced GBU-15, AGM-142 and Improved Maverick (AGM-65H/K) precision guided weapons; advanced fuzing systems; advanced warhead systems; Conventional Air Launched Cruise Missile ordnance improvements; Air Force Hard and Deeply Buried Target Programs; Air Force Counter- proliferation Advanced Concept Technology Demonstrations; Miniature Air-Launched Decoy program; Air Force Explosive Hazard Reduction Program; and advanced aircraft data link pod. 1996 – 2003

**Deputy Director, Air-to-Air Joint System Program Office, Eglin AFB:** Planned and directed the development, acquisition, pre-planned product improvement (P3I), aircraft integration, test, sustainment, and foreign military sales of these high-priority programs: AMRAAM, AIM-9X, the Harm Targeting System, and several highly classified programs of national importance. 1994 – 1996

**Director, Range and Airbase Systems Program Office, Eglin AFB:** Responsible for planning, development, acquisition, and sustainment of air combat training systems, aerial targets, global positioning systems (related to test range and weapon system applications) and air base systems to support worldwide Air Force operations. 1993

**Program Director, Air Base Operability System Program Office, Eglin AFB:** Led and directed the following programs: Chemical Biological Defense; Camouflage/ Concealment/Deception; Explosive Ordnance Disposal; Runway, Facility and Utility repairs; Protective Construction (such as aircraft shelters and command centers); Air Base Ground Defense; Firefighting Equipment; Critical Command and Control Communications Systems. 1990 – 1993

**Engineering Lead, Advanced Medium Range Air-to-Air Missile (AMRAAM) Joint Systems Program Office (JSPO), Eglin AFB:** Played a critical role in AMRAAM’s development, test, production, unprecedented growth in reliability, cost reductions, and deployment. 1978 – 1990

**Tactical Munitions Dispenser/Combined Effects Munition Program Manager, Eglin AFB:** Led efforts to develop means to suppress targets using cluster weapons with mines and submunitions. 1977

**Air Force Research Engineer, Eglin AFB:** Supported initial precision strike systems with Air Force R&D community on laser and television guidance weapon systems. Within 18 months, functioned as team leader and systems engineer to develop, test, and produce over 100 new guided cluster weapons for our warfighters in Southeast Asia. 1971 – 1977

**NASA Telecommunication Engineer, Kennedy Space Center, Florida:** Served as an electrical engineer on the Apollo Program with expertise in wideband data transmission and operational television systems. 1969 - 1971

### **Education:**

Master of Science - International Business Management - Massachusetts Institute of Technology

Master of Science - Physics - University of West Florida

Bachelor of Science - Physics - University of West Florida

Various Professional Military and Defense Acquisition University Courses

### **Awards/Certifications:**

2016 – Richard H. Johnson Technical Achievement Award, Precision Strike Association

1999 – Honoree for Modern Weapons Expertise, Guinness Book of World Records

1993-94 – Sloan Fellow, Massachusetts Institute of Technology

**Security Clearance:** Active Security Clearance