



**JOSEPH
AVIATION
CONSULTING**



**CAPTAIN J. F. JOSEPH
COLONEL, USMCR (RETIRED)**

928 Easton Dr., Suite A, San Marcos, TX 78666
24-Hour Cellular-Primary (704) 905-2669 or Business/Fax (512) 667-7157

JOSEPH AVIATION CONSULTING

josephaviationconsulting.com

jacaviation@cs.com

CURRICULUM VITAE

Positions Held

Civil: Present-

**Deputy Director of Aviation, Chief Pilot, and
Director of Flight Services, Texas Department of
Transportation, (TxDOT)**

**TxDOT UAS Director of Flight Operations and
Standardization**

**Co-Chairman, Texas UAS Flight Standards
Committee**

Senior Member Aviation Accident Mishap Board

Senior Member Aviation Safety Committee

Senior Evaluator Pilot

Senior Instructor Pilot

Present-

**Joseph Aviation Consulting-Aviation Consultant,
Aviation Accident Investigator, and Aviation Expert
Witness**

(Continued)

Present- Partnership for Corporate Aviation Training (PCAT), Aviation Safety/Accident Investigator Instructor

Present- IS-BAO Auditor, Fixed-Wing Operations, and Maintenance

Former- Retired, USAIRWAYS-A319/320/321 Captain, Fokker-100 Captain, MD80, DC-9, Boeing 727 First Officer

Airbus 319/320/321 Instructor Pilot

Airbus 319/320/321 Flight Standards Committee

Airbus 319/320/321 Flight Operations Quality Assurance (FOQA), Committee Chairman

Military: Present- Retired, Colonel USMCR

Former- Designated Naval Aviator

United States Naval Academy Liaison Officer

Inspector General (Senior Inspecting Officer) Marine Corps Combat Readiness System (MCCRES), 4th Marine Aircraft Wing

Flight Experience: Over 50 Years and 29,000 Flight Hours flown in more than 80 different models of aircraft.

Certificates: Airline Transport Pilot: (Airbus 319/320/321, Fokker-100, L-382) **Commercial, Multi-Engine, Instrument:** (ASMEI) **Certified Flight Instructor:** (MELCFII), **Remote Pilot**

Education: Master of Science, Public Administration (M.P.A.) Troy State University, Troy Alabama, Florida Region, NAS Pensacola, FL, November 1983

Bachelor of Science, Aeronautical Studies/Flight Technology, Embry-Riddle Aeronautical University, Daytona Beach, FL, April 1975

Human Factors in Accident Investigation (HFAI) Southern California Safety Institute Long Beach, CA, February 2015

(Continued)

**IS-BAO Auditing Workshop (Certification),
IBAC/PCAT**

San Antonio, TX, June 2014

IS-BAO Fundamentals Workshop, IBAC/PCAT

San Antonio, TX, June 2014

**Safety Management Systems (SMS), ATC Vantage
LLC**

Dallas, TX, May 2009

**US Airways Instructor Pilot Syllabus, A319/320/321)
Charlotte Training Center**

Charlotte, NC, December 2002

**US Airways Instructor Pilot Syllabus, A319/320/321)
Charlotte Training Center**

Charlotte, NC, March-May 1999

**US Airways Basic Check Airmen Training,
Pittsburgh Training Center**

Pittsburgh, PA, May 1999

**Naval Aviation Safety Commanders Course, United
States Naval Post-Graduate School**

Monterey, CA, February 1995

**Weapons and Tactics Instructors Commanders
Course, MAWTS 1, MCAS Yuma,**

Yuma, AZ, May 1994

**Defensive Tactics Instructors Course, MAWTS 1,
MCAS Yuma**

Yuma, AZ, November 1993

**Naval Aviation Safety Officer School, United States
Naval Post-Graduate School**

Monterey, CA, January 1982-March 1982

**Weapons and Tactics Instructors Course, MAWTS 1,
MCAS Yuma**

Yuma, AZ, January 1981-March 1981

**United States Marine Corps KC-130 Transition
Training, MCAS Cherry Point**

Cherry Point, NC, May-June 1978

(Continued)

**United States Air Force C-130 Transition School,
Little Rock Air Force Base**

Little Rock, AK, February-April 1978

**United States Naval Aviation Training, NAS
Pensacola, Pensacola, FL (Primary Flight Training).**

NAS Meridian, (Basic and Advanced Jet Training)
Meridian, MS, July 1976-December 1977

**United States Marine Corps, The Basic School,
MCB, Quantico**

Quantico, VA, January-July 1976

**United States Marine Corps, Officer Candidate
School, MCB Quantico**

Quantico, VA, September-December 1975

**Previous
Employers:**

June 1986-August 2006

US Airways Captain/First Officer/Instructor Pilot.

Boeing 727, DC-9, MD-80 FK-100, Airbus
319/320/321.

January 1985-August 2004

Fourth Marine Aircraft Wing Senior Air Wing

MCCRES Evaluator, Fourth Marine Aircraft Wing
Headquarters, New Orleans, LA, **Marine Air Control
Group 48/VMGR-234**, NAS Glenview, Glenview, IL.
JRB Ft. Worth, Ft. Worth, TX, **VMGR-452**, Stewart
Air National Guard Base, Newburgh, NY.

USMC/USMCR. KC-130 Aircraft Commander,
Instructor Pilot, NATOPS/Instrument Evaluator,
Weapons and Tactics Instructor, Post Maintenance
Check Pilot and Refueling Area Commander.

October 1982 to January 1985

**Naval Flight Demonstrations Squadron, (The Blue
Angels)**, NAS Pensacola, Pensacola, FL. KC-130
Demonstration Pilot, Officer in Charge Marine
Detachment, Squadron Safety Officer, NATOPS/
NATOPS/Instrument Evaluator and Post Maintenance
Check Pilot.

December 1977 to September 1982

Marine Transport/Refueler Squadron, VMGR-252,
MCAS Cherry Point, Cherry Point, NC, **VMGR-152,**
Futenma, Okinawa, Japan-Aircraft Commander,
Instructor Pilot, NATOPS/Instrument Pilot.

(Continued)

July 1976 to December 1977

United States Naval Aviation Training Command:

Preflight Training, NAS Pensacola, Pensacola, FL
VT-2 Primary Flight Training, NAS Whiting, Milton, FL

VT-19 Basic Jet Flight Training, NAS Meridian, Meridian, MS

VT-7 Advanced Jet Flight Training, NAS Meridian, Meridian, MS

Student Naval Aviator (Strike Syllabus)

September 1975 to July 1976

United States Marine Corps Officer Candidate/The Basic School, MCB Quantico, Quantico, VA.

August 1974 to June 1975

Embry-Riddle Aeronautical University, Daytona Beach, FL-Flight Instructor (Private-Commercial).

Professional Affiliations:

International Society of Air Safety Investigators (ISASI); Human Factors and Ergonomics Society (HFES); National Business Aircraft Association (NBAA); International Business Aircraft Operations (IS-BAO); International Business Aviation Council (IBAC); Partnership for Corporate Aviation Training (PCAT); National Air Transportation Association (NATA); Airline Pilots Association (ALPA)

Operational Experience:

1. **Aviator:**

I possess over fifty years of world-wide piloting experience in high-performance military, large transport category, and general aviation aircraft. Operational expertise includes domestic and vast international all-weather exposure. As an aviator, I have accumulated over 29,000 flight hours in more than 80 models of aircraft while operating in the capacity of a military pilot (Naval Aviator), airline pilot, and general aviation pilot. As an Instructor Pilot/Evaluator Pilot (general aviation, military, and air carrier), I have over forty-four years of experience, during which time I have instructed and or evaluated thousands of pilots in varying capacities.

2. **United States Marine Corps (USMC) Colonel and Naval Aviator:**

I completed a nearly thirty-year career in the United States Marine Corps. As a Weapons and Tactics Instructor, I planned, staffed or evaluated hundreds of military aviation operational exercises. As the Senior Evaluator for the Fourth Marine Aircraft Wing (MAW), I was directly responsible for evaluating unit combat readiness, pilot/aircrew performance, and the effectiveness of training for all tactical aviation elements within the Air Wing. Most notably, I was honored to have been selected and serve as the Senior Marine, Aviation Safety Officer and KC-130 Demonstration Pilot for the **Blue Angels**. During my military career I served in the capacity of:

(Continued)

- United States Marine Corps Senior Air Wing *Combat Readiness Evaluator*
- United States Marine Corps Senior Air Wing KC-130 *NATOPS Evaluator/Instructor*
- United States Marine Corps Senior Air Wing KC-130 *Instrument Evaluator/Instructor*
- Selected and designated as the first United States Marine Corps KC-130 *Weapons and Tactics Evaluator/Instructor*
- United States Marine Corps Marine Air Group/Squadron *NATOPS Evaluator/Instructor*
- United States Marine Corps Marine Air Group/Squadron *Instrument Evaluator/Instructor*
- United States Marine Corps Marine Air Group/Squadron *Director of Standardization and Safety*
- United States Marine Corps Air Group/Squadron *Aviation Safety Officer*
- United States Marine Corps Air Group/Squadron *Aircrew Training Officer*
- United States Marine Corps Air Group/Squadron *Aircraft Mishap Board (Senior Member)*
- United States Marine Corps Air Group/Squadron *Aviator Human Factors Board (Senior Member)*
- United States Marine Corps Air Group/Squadron *Instrument Flight Board (Senior Member)*
- United States Marine Corps Air Group/Squadron *Flight Standardization Board (Senior Member)*
- United States Marine Corps Squadron *Executive Officer*
- United States Marine Corps Squadron *Operations Officer*
- KC-130F, R, T and T-30 *Aircraft Commander*

3. **Aviation Standardization and Operations Supervisor:**

Over the past thirty-eight years I have developed or administered both policy and protocol in military, air carrier and general aviation flight departments to include:

- **Military:** USMC Senior Evaluator/Instructor, Executive Officer and Operations Officer
- **Air Carrier:** US Airways Instructor/Management Pilot
- **General Aviation:** Texas Dept. of Transportation Deputy Director of Aviation, Chief Pilot, Flight Services Section Director
- Flight Operations Standardization
- Flight Crew Evaluation
- Flight Operations Quality Assurance (FOQA)
- Flight Data Management (FDM)
- Human Factors
- Risk Management
- Safety Management Systems (SMS)
- Cockpit/Crew Resource Management (CRM).
- Flight department and pilot training/curriculum development.

(Continued)

4. **Supervisory Pilot (General Aviation):**

Since 2006, I have concurrently served as the Deputy Director of Aviation, Chief Pilot, and Flight Services Section Director for the *Texas Department of Transportation (TxDOT)*. In this capacity and under my direction, I am directly responsible for the safe, efficient and effective operation of the largest state operated aircraft maintenance facility in the United States. The Texas Department of Transportation Flight Services Section maintains and operates flight operations in support of official state business. As the designated change agent for the State of Texas and the Texas Department of Transportation, I assembled a team of aviation professionals which transformed the state's Flight and Aircraft Maintenance Departments from an annual \$950,000 deficit into a consistent profit center. The current operation has become the nation's "model manager" for state operated fleets in terms of efficiencies and operational readiness. In addition to becoming fiscally solvent, the operation has achieved an unparalleled aviation safety record

Supervisory Pilot (Air Carrier):

As an Instructor/Management Pilot at *US Airways*, I participated in the initial integration of a new fleet type (which at the time, it was the largest commercial aircraft purchase in aviation history) and assisted in the development of initial and recurrent training curricula, while concurrently serving on the Flight Standards Committee. Additionally, I chaired the US Airways Airbus Fleet Flight Operations Quality Assurance (FOQA) Committee.

Supervisory Pilot (Military):

Served as the Senior Pilot/Aircrew Evaluator for the entire *Fourth Marine Aircraft Wing*.

5. **Aviation Accident Investigator:**

I possess over thirty-six years as a formally trained (*United States Naval Post-Graduate School*, Aviation Safety Officer Curriculum) Aviation Accident Investigator. In this capacity, I have investigated hundreds of aviation accidents or incidents. I am also a trained International Standard for Business Aircraft Operations (IS-BAO) Fixed-Wing Operations/Maintenance Auditor.

6. **Aviation Expert:**

For the past twenty-six years, I have owned and operated *Joseph Aviation Consulting*, offering consulting, accident investigation and expert witness services to aviation, legal and insurance entities. In these capacities, I have represented numerous high-profile clients to include: American Airlines, United Airlines, Continental Airlines, and Pratt & Whitney of Canada. My expert witness testimony has been offered in Federal Court as a subject matter expert in pilot performance and flight operations. My opinions and expertise in aviation related matters have been featured by appearances on international and nationally syndicated news outlets, as well as The Discovery Channel and NATGEO.