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## **Douglas F. Powers**

**Objective:** Provide the highest quality aviation consulting solutions for a wide variety of industry issues.

### **Qualifications:**

Over 55 years of aviation experience, including 37 years with the Federal Aviation Administration, and 17 years as an Aviation Consultant.

- Part 135 On-demand Charter Pilot flying multi-engine aircraft.
- 37 years of FAA employment, with a broad range of experience managing major Air Traffic Facilities in the National Airspace System. These facilities include Chicago TRACON, Detroit Metro ATCT/TRACON, Minneapolis ATCT/TRACON, and Indianapolis ARTCC.
- Regional/National Manager responsible for major program areas including Airspace, OE/AAA, Quality Assurance, Traffic Management, Procedures, Budget, Equipment, Operations, and Noise Abatement.
- 55 years' experience as a Commercial Pilot, with Single/Multi-Engine Land and Instrument ratings and over 3,000 flight hours (including 20 years flight experience with the FAA evaluating and analyzing Air Traffic Operations).
- Trained and certified as an Aircraft Mechanic.

### **Areas of Expertise:**

#### **Air Traffic**

- Operations and Procedures
- Airspace and OEAAA
- Air Traffic Control
- Operational Assessment and Quality Assurance
- Requirements and Equipment
- Traffic Management

#### **Aviation**

- Pilot/Flight Crew
- Runway Safety

- Litigation Case Analysis, Expert Witness
- Environmental Impact and Noise Compatibility
- Training and Formal Presentations

#### **Management**

- Program Management
- Budget Analysis and Planning
- Personnel Administration
- Organizational Effectiveness

### **Education:**

#### **University of Illinois at Champaign/Urbana**

B.S., Vocational and Technical Education-Aviation Technology, June 1974

**Federal Office of Personnel Managements Senior Executive Service  
Candidate Development Program**

Certificate of Executive Competency, Fall, 1995

**Professional Experience:**

**January 2006 to Present**-Retired FAA, established PowAirs Aviation Solutions, LLC. Consulting clients include:

EAA, Experiment Aircraft Association

Co-chairman for ground safety, and ground traffic flow efficiency at AirVenture.

Midwest Air Group

Mitigated on behalf of client to minimize the impact of FAA operational and procedural changes that adversely impacted Midwest Airlines' profits. According to clients' estimates they generated savings of over five million dollars.

U.S. Department of Justice

Provide ongoing case-by-case consulting support in the areas of expertise.

Aviation Management Associates

Provide clients with technical expertise in areas such as Air Traffic procedures analysis, control tower operations and safety, Instrument Approach Procedure (IAP) validation, Flight Service Station Operations.

Expert Aviation Consulting

Provide client support and expert witness support for Aviation Litigation cases, and Obstruction Evaluation Analysis and processing.

Windy City Charter/Ventis Aviation

Served as a Part 135 on-demand Charter Pilot in twin engine aircraft.

**July 2005 to January 2006.** Special Assistant to the Vice President of Terminal Services and to the Vice President of Safety Services

Accomplishments:

- Created national program to identify and correct operational error causal factors and develop training to address problems found in those areas.
- National Operational Error Reduction Program: Designed, developed, and delivered the "Back to Basics" national air traffic controller training program.
- Led a major Operational Assessment at BOS ATCT after an increase in serious Runway Incursions took place at the airport. Changes implemented from that assessment are credited with a major turnaround in the operation.
- Developed and conducted a series of assessments, briefings, and presentations to the managers of some of the nation's major Air Traffic Facilities in support of Operational/Surface Error reduction.

**October 2003 to July 2005.** Managed the Great Lakes Runway Safety Program Office.

- Developed and implemented a runway safety program which included all the regions towered airports.
- Conducted special assessments of airports with serious problems and developed action plans to correct procedural and operational deficiencies.
- Developed and made presentations to large audiences on various subjects of aviation safety, including cockpit resource management, and situational awareness.

### **April 1979 to October 2003**

Managed various organizations at the Regional and Headquarters' level within the FAA.

These included Branch Manager of the System Management, Resource Management, Operations, Evaluations, and Requirements Branches. Also, served as Assistant AT Division Manager at the regional level and Special Assistant to HQ Service Directors. Had overall responsibility for the following programs:

- Airspace, Procedures, and Obstruction Evaluation (OE/AAA)
- Traffic Management
- Budget (Operations and Facilities & Equipment)
- Federal Contract Towers
- Automation (both Office and National Airspace System)
- Noise Reduction and Environmental Review

Some of the major projects I was responsible for included: Airspace redesign at Detroit, MI, Noise Analysis and Procedural Compatibility at Detroit, MI and Minneapolis, MN., Building of new Air Traffic Facilities at Detroit, MI, Minneapolis, MN, Chicago, IL and Columbus, OH

Managed various Air Traffic Field facilities including some of the nations largest and most complex: the ATCTs and TRACONS at Detroit, MI and Minneapolis-St. Paul, MN, and the Chicago TRACON. I also served as the manager of Chicago Meigs and Palwaukee ATCTs. In the enroute environment I served as Air Traffic Manager of the Indianapolis ARTCC.

Some of the major accomplishments I was responsible for included:

- Airspace redesign at Detroit and Minneapolis.
- "Split" the towers at Detroit and Minneapolis into separate ATCT/TRACON facilities.
- Implemented the first "Stripless Environment" Test at Indy Center which was a precursor to today's URET environment.
- Completed major environmental reviews and adjustments of procedures for noise abatement and operational compatibility.

## **May 1969 – April 1979**

During my early years with the FAA, I worked as a controller at every level of FAA Air Traffic Control Tower. As such I became proficient in VFR procedure, non-radar approach procedures as well as busy Limited Radar and Full-Service Radar Environments. My most outstanding accomplishment during this time was becoming a Full Performance Level Controller at both Chicago O'Hare ATCT (which was the world's busiest) and the Chicago O'Hare Approach Control.

### **Computer Systems Knowledge:**

Possesses a conceptual and technical knowledge of automation systems utilized in operating the Air Traffic Control System and in monitoring the status of navigational aids. Also knowledgeable in office automations systems used to operate personal computers, networks, and systems including working knowledge and use of the internet, Microsoft Office Suite and Lotus Notes.

### **Knowledge of the Operation of the National Airspace System:**

Between 1981 and 2006, as an adjunct to my regular duties, I served as a pilot with the FAA in both FAA owned and rented aircraft. During this time, I conducted hundreds of In-flight evaluations and/or operational assessments to identify and correct problems and inefficiencies in the National Airspace System. Through this up-close and user-oriented look at the NAS I gained a broad knowledge of the operation of all three options within Air Traffic as well as the systems used by the user and service provider alike. For this reason, I was often sent to address specific issues alone or as the lead of a team of experts.

### **Professional Affiliations:**

- Aircraft Owners and Pilots Association (AOPA)
- Experimental Aircraft Association (EAA)
- Chicago Executive Pilots Association (CEPA)
- Aviation Explorers Post 9
- 2019 Inductee Illinois Aviation Hall of Fame