



Douglas F. Powers

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

Qualifications:

Over 40 years of aviation experience, including 37 years with the Federal Aviation Administration, and 2 years as an Aviation Consultant.

- Generated significant cost saving for clients in first year of consulting work.
- 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.
- 40 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. By clients estimates generated savings of over 5 million dollars.

U.S. Department of Justice

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

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 of 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

January 2002 – October 2003
October 1998 -- October 2000
April 1995 – April 1998
January 1990 – February 1995
January 1981 – August 1985

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

October 2000 – January 2002
April 1998 – October 1998
February 1995 – April 1995
August 1985 – January 1990
April 1979 – January 1981

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. 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 worlds 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 gain 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)
- Palwaukee Airport Pilots Association (PAPA)
- Aviation Explorers