

**James K. Allerdice Jr.**

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**Summary:**

- Served in the United States Air Force as an air traffic controller.
- Government employee with the Federal Aviation Administration for over three decades with experience in air traffic control, operations support, performance based navigation, safety risk management, air traffic control facility management and supervision.
- Active member and leader in the National Air Traffic Controllers' Association.
- Internationally recognized expert in the development and implementation of Next Generation Air Traffic Control initiatives involving performance based navigation.
- Winner of the Secretary of Transportation's Excellence Award in 2012 for outstanding service to the American People.

**Education:**

- North Central High School, graduated with diploma, 1977.
- Attended Purdue University, September 1977 to December 1978.
- Attended USAF Air Traffic Control training, graduated with honors October 1980.
- Several Federal Aviation Administration courses in supervision, management, human relations, equal employment opportunity, on the job training, and safety risk management.

**Experience:**

- Served in United States Air Force from May 1980 to Honorable Discharge in September 1983 attaining the rank of Staff Sergeant as an air traffic controller, training instructor, and supervisor.
- Air traffic control training at Mike Monroney Aeronautical Center from November 1983 to March 1984.
- Air Traffic Control Specialist at Louis B. Armstrong New Orleans International Airport from March 1984 to March 1988, serving as Front Line Manager from July 1987 to October 1987.
- Front Line Manager at Lansing Capital Region International Airport from March 1988 to July 1990.
- Air Traffic Manager at Jackson County-Reynolds Field Airport from July 1990 to January 1991.
- Air Traffic Control Specialist at Hartsfield-Jackson Atlanta International Airport from January 1991 to February 2002.
- Air Traffic Control Specialist at Atlanta TRACON from February 2002 to April 2005.
- Operations/NEXTGEN Support Specialist at Atlanta TRACON from April 2005 to November 2014, while maintaining operational currency in air traffic control, specializing

in the development and implementation of ground-breaking procedures such as the Equivalent Lateral Spacing Operations (ELSO) Area Navigation (RNAV) reduced divergence Standard Instrument Departures (SIDs), Established on Departure Operations (EDO) reduced divergence transitional separation procedures, Optimized Profile Descent (OPD) Standard Terminal Arrival Routes (STARs), Required Navigational Performance (RNP) SIDs, RNP Approaches and RNAV Visual Approaches. Certified FAA Safety Management System (SMS) Practitioner and Facilitator.

- Chief Consultant for Terminal Operations and Managing Partner at Allerdice, Boyce, Chambers & Clarke, LLC from February 2015 to present.

**Other Experience:**

- NATCA Safety Committee Chairman for Atlanta Tower, National Airport Surface Detection Equipment Representative, local Airport Movement Area Safety System Representative, Southern Region Safety Chairman, and Liaison to the FAA Southern Region Operations and Requirements Branches from May 1992 to September 1997.
- NATCA Chairman to the National Safety Committee from May 1996 to September 1997.
- NATCA Secretary Treasurer to the Atlanta Tower Local from September 1998 to May 2000.
- NATCA Vice President to the Atlanta Tower Local from May 2000 to May 2003.
- NATCA National Airspace Redesign (NAR) Representative from May 2004 to May 2006.
- NATCA President and Facility Representative of the Atlanta TRACON Local from April 2006 to March 2008.
- NATCA Staff Representative to the Atlanta TRACON Local from April 2008 to September 2014.
- President, Morningside Subdivision Homeowners Association, Inc. from January 2014 to December 2015.
- Also have Experience with Microsoft Office including Word, Excel, PowerPoint, and Access, daily use of Terminal Area Route Generation Evaluation & Traffic Simulation (TARGETS) Software, familiar with orders pertaining to the development of Area Navigation (RNAV) procedures, familiar with the Performance Data Analysis and Reporting System (PDARS) platform, proficient in the Air Traffic Control Handbook (FAAO JO 7110.65) and the Facility Operation and Administration Handbook (FAAO JO 7210.3), proficient with writing skills necessary to produce Safety Risk Management Documents (SRMD), Orders, Notices, and other technical papers.

**Awards:**

- Special National Air Traffic Award for Outstanding Service during the 1996 Olympic Games.
- Angel Flight Personal Halo Award in 2004.
- Gold and Platinum Level Sponsor of the NATCA Charitable Foundation 1998 - present.
- Certificate of Appreciation for the Outstanding Contribution to the development and implementation of RNAV STAR/SID procedures at Hartsfield-Jackson Atlanta International Airport in 2005-2006.
- Certificate of Appreciation for professionalism and dedication to safety and quality during implementation of the 5<sup>th</sup> runway and ATC Tower at the Atlanta Hartsfield-Jackson International Airport – May 2006
- Recognition for exceptional performance every year from 2008 to 2014.
- Secretary of Transportation's Excellence Award in 2012 for outstanding service to the American People, recognizing dedication, achievement, and leadership in the areas of Performance Based Navigation, Environmental Stewardship, and Fiscal Responsibility.
- Performance Based Navigation Award in recognition of outstanding collaboration and dedication in advancing the performance based navigation initiatives – Established on RNP (EoR) Program – September 2014.
- Winner of Best Performance Based Navigation Paper in Session – Presented at the Integrated Communications Navigation and Surveillance (ICNS) Conference, April 2015.

**Publications:**

- (Co-Author) Development and Operational Transition of the First PBN-Enabled Departure Separation Standard – Presented at the Integrated Communications Navigation and Surveillance (ICNS) Conference, April 2015. - Winner of Best Performance Based Navigation Paper in Session.
- (Co-Author) Concept and Benefits of PBN-Enabled Parallel Approach Operations – Presented at the American Institute of Aeronautics and Astronautics (AIAA) Forum and Exposition in June 2015.