

JTA: Technical Services In Support of the FAA Mission

From requirements definition, operations concept development, planning and design, and tool development to operational deployment, JTA helps the FAA achieve its evolutionary objectives.

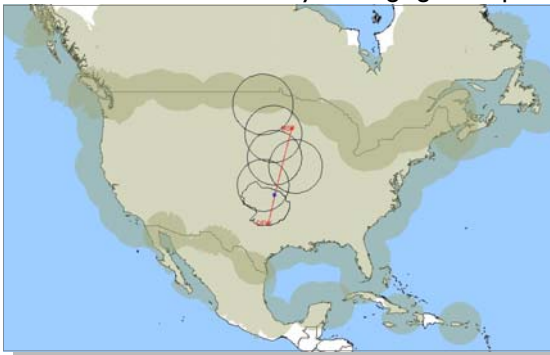
Jerry Thompson & Associates, Inc. (JTA) was founded in 1984 by Gerald L. (Jerry) Thompson, a recognized expert in air traffic management and airspace modernization. JTA is proud of the excellent reputation it has earned by providing aviation system solutions and support services that fulfill the needs of government and industry. JTA is able to effectively assess requirements and apply comprehensive knowledge, skills, and experience to ensure program success.

Long-Standing Relationship with FAA

JTA has worked with the Federal Aviation Administration (FAA) for many years and has enjoyed a positive working relationship. JTA continues to provide a myriad of technical support services to the FAA for many different programs. These brief descriptions are but a small sample of the breadth and depth of our experience.

NAS Architecture — JTA provided significant technical contributions into the development for each version of the National Airspace System (NAS).

JTA provided the training for the User Request Evaluation Tool (URET) and continues to support the Traffic Management Advisor (TMA) tool through transition to Time Based Flow Management Technologies (TBFMT).



JTA determined the radars covering a Dallas to Minneapolis flight in a project performed for the W.J. Hughes Technical Center.

JTA supports the implementation of the Standard Terminal Automation Replacement System (STARS). JTA conducts independent verification and validation as well as acceptance testing for the FAA.

JTA Subject Matter Experts support ERAM (for LMCO), the Data Communications program (DataCom) benefits analysis, and the 3-D Path Arrival Manager (3-D PAM) at the Denver ARTCC.

FAA Benefits from JTA ASET®

JTA created the ASET Aviation Systems Engineering Toolset to support its aviation systems planning, design, and engineering efforts. This suite of global aviation design and analysis tools, processes, and laboratories are a unique and integral part of the JTA system engineering methodology. By leveraging the capabilities afforded through ASET, JTA is

able to provide the FAA with excellent high quality systems engineering services at an affordable price.

ASET was used recently to complete an Airport Capacity benefits analysis and a TMA Shortfall analysis.

The Air Traffic Service and System Engineering organizations sponsored JTA's development of the NAS Design Tool. This Tool enables a methodical characterization of the entire NAS operation. It also has a computer-aided system engineering capability for creating and evaluating changes to the NAS

Excellence through Innovation and Hard Work

Jerry Thompson & Associates, Inc.

AIRPORT and AVIATION SYSTEMS Planners, Designers, Engineers



Providing Outstanding Service

JTA is experienced in all aspects of the lifecycle of aviation systems. This includes requirements analysis and definition; trade studies and financial analysis; design concepts, system description and functional design; and system design development and specifications.

JTA has developed a core group of long term employees who are “subject matter experts”. They are augmented with other experts as required by the challenge.

Global Aviation Experience

The JTA staff boasts former FAA and US military personnel as well as experienced employees from international aviation authorities, industrial firms, and business and financial organizations.

Our aviation-specific expertise includes air traffic controllers and airways facilities specialists, along with systems engineers, computer scientists, systems analysts and graphics specialists. This integrated staff of aviation professionals enables JTA to ably accomplish the most difficult aviation systems planning, design, or engineering projects quickly and accurately.

JTA has the people, procedures and tools that help mitigate the risks of deploying systems into the operational environment.

Outstanding Management Team

The JTA management team is led by Kathleen Thompson, President of the corporation and Chairman of the Board of Directors. Mrs. Thompson oversees the day-to-day operations of the organization.

Vern Reynolds, Chief Executive Officer, provides the overall technical direction of the organization and as such is involved with every JTA project to assure quality control. Mr. Reynolds is an aviation industry leader with thorough knowledge of U.S. Federal Aviation Administration (FAA) programs, projects, personnel and resources, as well as international aviation operations.

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David Frame, Vice President of Engineering and Chief Systems Engineer, leads the Systems Engineering group which concentrates on technical and operational issues. He has a long history of working at a very detailed functional level with most of the FAA major programs. He is well known for his expertise on management, air traffic control, traffic management and system design.

Industry Recognition

JTA has been recognized for outstanding performance. We are the recipient of the Air Traffic Control Association’s 1992 Outstanding Small Business Award and the Award of Merit in 2009.

Contracting Options

It’s easy doing business with JTA, whether you are looking for a direct contract or want to take advantage of an existing vehicle. JTA is a prime contractor on the Multiple Area Support Service Engineering Support Services (**MASS ESSA**) contract; the General Services Administration (**GSA**) Federal Supply Schedule Contract for Professional Engineering Services; and the Electronic FAA Accelerated Simplified Tasks (**eFAST**).

Easy to Reach

Convenient to Washington, DC, JTA’s headquarters in Forest Glen, Maryland is located near the Forest Glen Metro station (Red Line).

