

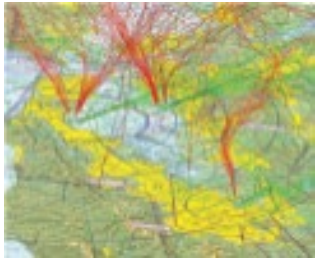
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ATAC provides expert services in airport, airspace, and air traffic operations planning and analysis to the aviation community.

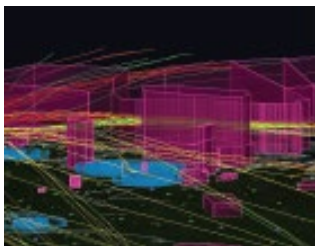
Since its founding in 1979, ATAC has provided consulting services and applied analysis and modeling tools that include:



Performance Data Analysis and Reporting System (PDARS) – For over 20 years, ATAC has developed and maintained PDARS for the FAA. PDARS is a comprehensive set of tools for gathering aviation performance data, measuring and baselining operations, aiding design, implementation, and evaluation of operational improvements.



SkyView™ – ATAC's SkyView provides a comprehensive set of tools for aviation monitoring and measurement. SkyView contains configurable data collection, analysis, reporting, and management modules. SkyView can be adapted for any suitable air traffic data source.



Advanced System Research and Development and Technology Assessment – ATAC has been providing FAA and NASA support developing and applying methodologies for assessing advanced aviation operational concepts and technology using Real-Time HITL Simulation Lab Development, UAS, TBO, and Commercial Space. Areas of assessment include operational feasibility, benefits and costs, capacity and safety impacts, and performance monitoring and measurement.



Environmental Services – ATAC is developing the FAA's Aviation Environmental Design Tool (AEDT), which will be the industry standard for analyzing/modeling all environmental aspects of aviation operations.



Simmod PRO® – Airport and Airspace Simulation Model – Simmod PRO! is a fast-time simulation software tool designed to “play out” airport and airspace operations with user-specified scenarios. This software has evolved from the FAA-sponsored and validated Simmod created by ATAC that was designed to simulate a day of operations - 1000s of flights - in under a minute.



Airport/Airspace Design and Analysis – For over 40 years, ATAC has been providing expert airport and airspace operations design and analysis services to the FAA, airports, airlines, and commercial firms

Safety Analysis – ATAC has worked extensively with the FAA to assess and evaluate system-wide safety issues, including reviews of MSAW/MVA alerts, Class B dropouts, Missed Approaches, Rotorcraft ASIAs, Avionics and Separation on Final Approach.

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