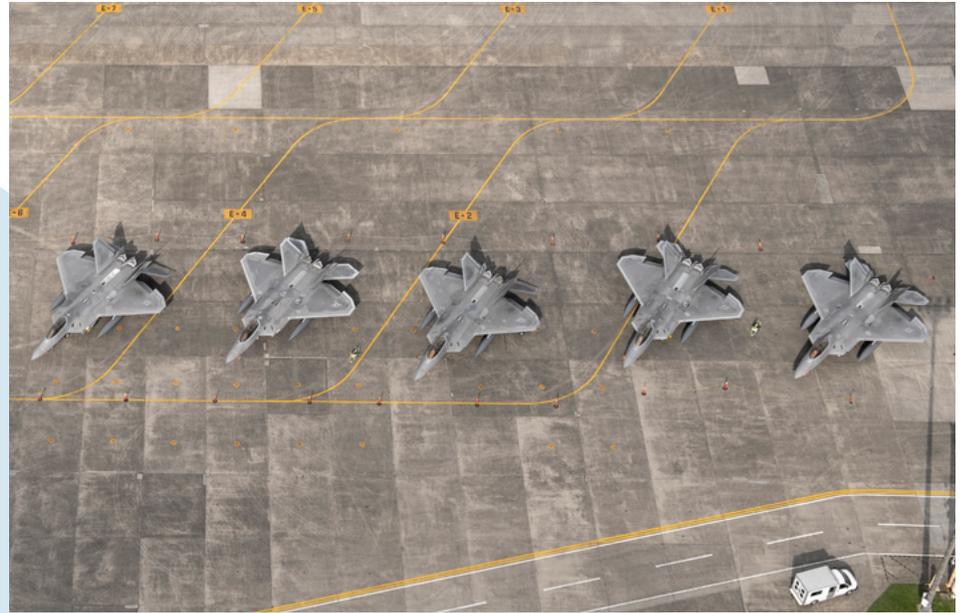


FlightAnalyst

Next generation secure web-based flight analysis and reporting



sim**author**

FlightAnalyst key features and benefits:

- Event detection
- Parametric data analysis
- Statistical analysis
- Robust ad hoc query
- Intuitive and dynamic charting



Drawing on its more than 20-year legacy of providing simulator debrief and flight data analytics, Perspecta brings you the next generation of its FlightAnalyst software. FlightAnalyst, part of the SimAuthor product line, is a robust aviation data analysis and visualization tool that provides decision makers and operators the power to reduce costs and greatly enhance safety and training.

A true all-in-one flight data management (FDM), maintenance, operations and safety program—accessible anytime, anywhere—FlightAnalyst is used to detect events during flight operations that are of interest to instructors, operators, maintainers and safety offices. These events are defined by users and can range from very simple to extremely complex. Data visualization is tailorable to specific customer needs with the ability to perform ad hoc queries on numerous aircraft types within the same database.

Powerful statistical analysis performed on single or several aircraft platforms gives stakeholders the ability to detect and visualize patterns and trends. This information is used to enhance training, streamline operations and increase maintenance efficiency.

Unmatched flight operation and training situational awareness

The reengineered, web-enabled after action review tool boasts a modernized layout and functionality that is fully customizable by the end user. It also takes an enormous leap forward for flight operation management and training—bringing an enhanced level of situational awareness to aviation operations and training.

This new release provides the ability to simultaneously process and manage data from simulators as well as multiple aircraft type, model and series in one database.



Additionally, real-time weather layers can be added to any view, adding enhanced awareness of current operations.

Access is user-dependent, which means users are only seeing the information that's important to them—students can only see their flights, commanding officers can only see their squadron, commodores can only see their wing, and maintenance personnel can only see maintenance information. Additionally, the commander has the ability to view the entire fleet of aircraft in real time with transponder information in addition to all historical flights.

Improved training from first simulator to last flight

Just like its predecessor versions, this next iteration of FlightAnalyst supports post-flight and simulator instructor debriefing on-site while also providing a true cradle-to-grave solution for flight training. Instructors and students can select specific training events or points of interest, as well as create grade sheets and student trending models from their first simulator to their last flight. Specialized analysis developed by subject matter experts provides tailored analysis for maneuvers such as auto-rotations, landing pattern training and bomb delivery training runs.

Understanding that training is an ongoing process, users can also easily drill down to replay a flight by selecting through their most recent exercises or through a graphical user interface, representative of the entire training syllabus. Students also have the ability to log in and replay any flight or simulator from home on a tablet, serving as a training force multiplier.

Ensure a ready and well-trained fleet

Fleet usage and maintenance data is now included in the FlightAnalyst dashboard. Aircraft maintenance is greatly enhanced with the ability to create customized or ad hoc maintenance threshold exceedance reports that can support the daily safe-for-flight determination. Reports and alerts are also automatically distributed via email to key personnel. Maintainers have the ability to do threshold trending, supporting condition-based maintenance, as well as aggregate analysis with a single click regardless of if they're dealing with one or hundreds of thousands of flights.