



Jeppesen FliteDeck Advisor

Take flight efficiency to the next level.

FliteDeck Advisor is a flight optimization application providing pilots with real-time, tail-specific, in-flight advisories on how to improve flight profile, fuel burn, flight schedule and save airlines money.

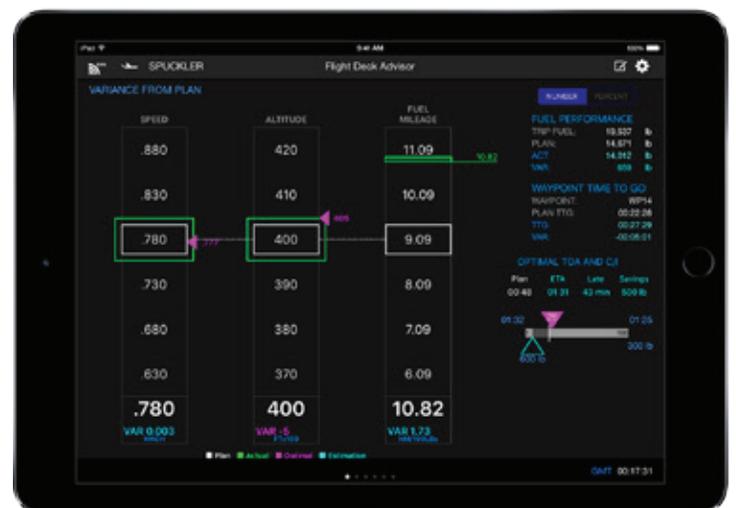
FliteDeck Advisor analyzes data variables affecting overall flight efficiency relative to the original flight plan and transforms the results into easy-to-read in-flight visualizations that graphically depict variances from optimal. Advisories are made so the flight crew can consider taking action, obtain the optimal cost index and make your airlines more efficient.

Benefits include:

- ✔ Improve cost index – Tail-specific, real-time algorithms help pilots utilize in-air adjustment windows to reduce fuel and time cost by 0.5-2 percent.
- ✔ Improve on-time performance – Similar algorithms help pilots utilize in-air adjustment windows to improve on-time performance.
- ✔ Aircraft specific optimization – Optimize your cost index by considering airplane-specific performance metrics, including aircraft degradation and performance history as stored on the Aircraft Interface Device (AID).
- ✔ Aircraft connectivity – Benefit from real-time data from the aircraft's avionics data buses through the EFB connectivity to an AID.
- ✔ Improve post-flight analysis – Track and record in-flight conditions and changes made by waypoint for transmission back to a data warehouse for a better post-flight analysis.

Connectivity made easy

FliteDeck Advisor connectivity is secured through an AID, which can be leased or purchased from Jeppesen. Installing an AID is easy, non-intrusive, takes just five minutes and provides aircraft the connectivity needed to optimize performance and save airlines money.



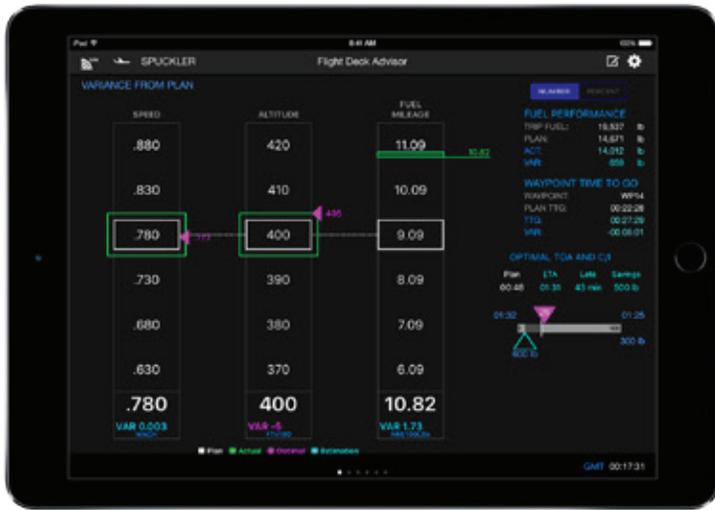
The next level of flight optimization

FliteDeck Advisor is ideal for airlines looking to build upon existing optimization solutions. By utilizing propriety Original Equipment Manufacturer (OEM) knowledge, aircraft connectivity and unique algorithms, FliteDeck Advisor generates tail-specific performance recommendations superior to those in the flight management

Jeppesen FliteDeck Advisor

computer. It is the only optimization tool available today that takes into consideration aircraft degradation, which can be 1-2 percent better or worse than book value. As an aircraft is used, further degradation occurs, which impacts altitude and speed profiles.

By considering past aircraft performance data stored on the AID, that information can be used to create improved analysis, better in-flight advisories, wiser actions on the flight deck and a more efficient flight.



FliteDeck Advisor capabilities

Analyze data

- ✔ Analyzes data relative to the original flight plan, considering variables such as:
 - Airplane-specific performance metrics, including aircraft degradation.
 - Aircraft performance history as stored on the AID.
 - Variances in actual aircraft weight and flight parameter inputs from the digital avionics data busses.
 - Real-time performance data such as speed, altitude, navigation and fuel-mileage data extracted from the aircraft's avionics data busses.
- ✔ Advises crew how to improve cost index during flight based on these analyses.

Depict results

- ✔ Easy-to-read, graphical depiction of:
 - Current speed, altitude and fuel mileage variance from optimal, planned and estimated and their change throughout the flight.
 - Trip fuel remaining by waypoint with variance from plan.
 - Estimated and optimal cost index for entire flight.
 - Wind component versus plan.
 - Progress of flight measured by waypoints.
 - Progress of flight based on planned and actual cumulative time, air distance and fuel consumption.
- ✔ Real-time, tabular depiction of:
 - Fuel performance
 - Waypoint time to go (TTG)
 - Optimal time of arrival (TOA)
- ✔ Depiction of data in preferred units of measurements.
- ✔ Optimal portrait or landscape view.

Recommend action

- ✔ Graphical depiction of recommended action the flight crew should consider to optimize speed, altitude and fuel mileage in real-time.

Data sharing and post-flight support

- ✔ Supports quick flight plan uploads to the AID.
- ✔ Enables pilots to enter notes as the flight progresses and save these on the AID data file with GMT time stamp.
- ✔ Records the entire flight for transmission back to a data warehouse to be analyzed post-flight by other Boeing tools to optimize the aircraft's degradation factors and provide inputs to FliteDeck Advisor to compute real-time performance biases including weight biases.

Integration with other EFBs

- ✔ Used with Jeppesen Aviator, time and altitude alerts can be triggered so flight crew are reminded to consider taking action to maximize flight efficiency when opportunity arises.

System Requirements

- ✔ iPad running iOS v10 or higher
- ✔ Recommend iPad Air or higher
- ✔ Connectivity to AID

Learn more about what we offer.

Find out how FliteDeck Advisor can optimize your operations by contacting your account representative or visiting jeppesen.com/flitedeckadvisor.