



BOEING

InFlight Optimization Wind Updates

BOEING **EDGE**
Flight Services

InFlight Optimization

Wind Updates

Boeing is offering subscription-based services to help airlines save fuel and increase environmental efficiency. InFlight Optimization Services are designed to be implemented within current air traffic and airline operating procedures using existing communication channels.

Wind Updates provides automated wind data updates customized in real time for individual flights and delivered to the flight deck in a Flight Management Computer or FMC-loadable format. Without Wind Updates, general weather reports provided to flight crews prior to departure can be as much as 12 hours old. Inaccurate and limited weather data can prevent aircraft from operating at optimum speeds, altitudes, and trajectories.

Airplane models

- Next-Generation 737
- 777
- A330
- MD-11
- Other models under development

Geographic availability

Global service

Airplane equipage

AOC Datalink with auto-load functionality

Regulatory authorities

No approval required

How Wind Updates works

- Monitors flight plans, trajectories, and winds

- Uses adaptive technology to intelligently select the most appropriate wind data for each individual flight
- Selects optimized altitude winds for flight and delivers timely, accurate weather information to the FMC while in flight to enhance flight efficiency and on-time performance
- Automatically sends accurate wind data to the aircraft flight deck in an FMC-loadable format if incremental value of update exceeds preset threshold

Wind Updates value

- Reduces fuel consumption by up to hundreds of pounds of fuel per flight
- Reduces crew work load
- Stabilizes approach
- Improves operational performance

Price

Pricing is subscription based. Contact Boeing Flight Services for pricing information.

Boeing Commercial Airplanes

Flight Services

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