

## WEATHER INFORMATION SERVICE

Version 2.0

### Weather Information Service

Honeywell's Weather Information Service is an Electronic Flight Bag (EFB) application that assists the flight crew in decision making related to route safety and optimization. The system uses real time strategic weather and trend information in the cockpit (current weather, historical weather patterns, and weather forecast), as well as enhanced communication.

### New features in version 2.0

- Related airports feature automatically pulls up your departure and destination airports based on your route to save time. Additional airports can be added for quick reference
- Japan and South Korea ground radar coverage added
- Easier license management for large fleets
- Preflight briefing PDF support
- Numerous user interface improvements

### Who benefits and how?

#### Flight Operation Center / Airline Operation Center

Flight operation center can use Weather Information Service to extend Flight Watch abilities.

#### Pilot

More precise data about weather en-route provides better strategic planning for avoidance of unwanted or potentially dangerous weather phenomena.

#### Passenger

Helps to increase safety for cabin crew and passengers. Improves cabin service and reduces delay at destination.

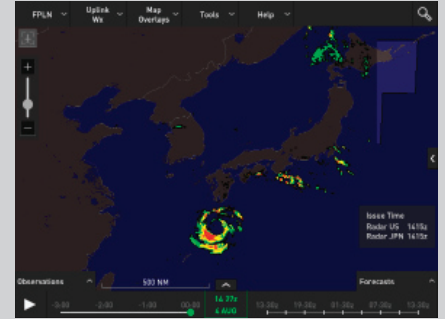


# Weather Information Service

## Weather Products

- METAR
- TAF
- SIGMET
- CB Tops Forecast (Convection)
- Clear Air Turbulence (CAT) Forecast
- Icing Forecast
- Winds Aloft Forecast
- Satellite with cloud tops
- RADAR

- D-ATIS
- PIREPs
- Lighting
- Automatic selection of weather data based on flight plan
- Vertical profile
- Optimized data files to reduce transmission costs



## Benefits of Weather Information Service

**Reduced Pilot Workload** by displaying meteorological phenomena in graphic format and localizing them spatially on a map allows the flight crew optimal weather insight.

**Increased Situational Awareness** by displaying meteorological phenomena in graphic format and localizing them spatially on a map.

**Enhanced Operational Safety** by receiving weather updates in-flight while taking into account the limitations of the data links meteorological information.

**Better Alternate Planning** by monitoring weather conditions along route and at airports and making information readily available to the flight crew.

**Reduced Fuel Use & Emissions** by facilitating strategic decision making regarding weather phenomena and decreasing tactical manoeuvring.

**Reduced Maintenance** by displaying weather hazards such as hail and severe turbulence, enabling flight crew to re-route and prevent possible damage to aircraft.

Weather Information Service technology is continually being developed by Honeywell.

To learn more about Honeywell's Weather Information Service technology, please contact your Honeywell sales representative or call +1 (800) 601 3099 or +1 (602) 365 3099 or visit us at: [aerospace.honeywell.com/weather](https://aerospace.honeywell.com/weather)

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