



## ARINC WINDS ALOFT

# REACT TO CHANGING WIND CONDITIONS FASTER THAN EVER.

Winds affect everything from safety to flight efficiency and fuel costs. Understanding the favorable winds along your flight path can have a tremendous impact on safety and efficiency of flight. Pilots rely on critical wind speed, direction and temperature information to make quick and accurate decisions in the flight deck. Collins Aerospace is always striving to get this information into a pilot's hands as quickly and reliably as possible, to increase situational awareness.

Collins ARINC Winds Aloft service uses current and future World Meteorological Organization (WMO) data to provide the most complete picture for pilots. While in flight you can determine the flight level of the most favorable winds and temperatures to improve the efficiency of your flight.

The service also offers the flexibility of combining with any data link provider, data link media or Flight Management System (FMS), ensuring quick and simple installation without any additional charges and low set-up costs.

When communicating such important information – the reliability of the network is key. ARINC Winds Aloft transmits information over the tried and true ARINC Global Network. With 99.999 percent reliability, our networks have become foundational to the communication of data throughout the skies. Users are supported by the 24/7 service team in our ARINC Operations Center.

## KEY FEATURES AND BENEFITS

- Increased situational awareness and operational safety
- Optimized flight route and reduced head winds provide a significant reduction in fuel and maintenance costs
- Wind speed, direction and temperature at specified waypoints and multiple altitudes on request
- Pilots are able to request up to five flight levels at each waypoint
- Fully redundant network and servers
- Fixed monthly pricing

## Planned route with unfavorable winds vs. optimal route with favorable winds

