

## Boeing Wind Updates Service to Optimize In-Flight Operations for Qatar Airways

### -- Real-time wind data to conserve fuel for airline and increase operational efficiency

SEATTLE, Feb. 17, 2014 /PRNewswire/ -- Boeing (NYSE: BA) and Qatar Airways today announced a five-year agreement to provide Boeing Wind Updates services for the airline to maximize in-flight operational efficiency. Boeing Wind Updates provides customized, real-time wind and temperature information to aircraft. This data allows for more efficient trajectory prediction during pre-flight operations and continuous optimization in-flight by providing tailored wind information for flight crews and the aircraft flight management system. As part of the agreement, Boeing Wind Updates will be integrated fleet-wide, across all Qatar Airways Boeing and Airbus aircraft.

"We are pleased to upgrade our wind uplink capability by integrating the Boeing Wind Updates service into our operations at Qatar Airways to properly predict and measure current wind conditions," said Akbar Al Baker, chief executive officer, Qatar Airways. "In a highly competitive business environment, the Boeing Wind Updates service will provide us with a means to reduce fuel burn and increase routing efficiency, which leads to improved bottom line results."

Boeing Wind Updates uses industry-leading technology and Boeing-developed algorithms to select wind and temperature information specific to each flight's trajectory and considers wind conditions at a specific time. This data is individually tailored to the specific aircraft type, regardless of manufacturer, to provide optimized routing. This advanced capability differentiates the Boeing Wind Updates service from other similar products in the marketplace.

"By providing more current and accurate wind data, Boeing Wind Updates will enhance the efficiency of every Qatar Airways flight," said Per Noren, vice president, Customer Solutions, Boeing Digital Aviation, a business unit of Commercial Aviation Services. "We salute Qatar Airways as the first Middle East operator to use Wind Updates, as this technology solution supports continued optimization from pre-flight planning through real time, in-flight optimization."

Boeing Wind Updates integrates with existing aircraft communications technology and systems, and does not require additional regulatory clearance for airline use. Operators can achieve a competitive advantage and significant fuel savings from improved flight planning, optimized cruise speed and cost index performance, improved altitude selection, optimized top-of-descent advisories and more efficient descent trajectories while using the Boeing Wind Updates service.

#### About the Boeing Edge

Boeing offers a comprehensive portfolio of commercial aviation services, collectively known as the Boeing Edge, bringing value and advantages to customers and the industry. Boeing Digital Aviation is the business unit that delivers the Boeing Edge through integrated offerings in software, applications, information solutions and advanced training to drive optimized performance, efficiency and safety across customer operations. Boeing provides a competitive edge by solving real operational problems, enabling better decisions, maximizing efficiency and improving environmental performance – creating intelligent information solutions across the aviation ecosystem.

Contact:

Mike Pound

Boeing Digital Aviation Communications

+1 303-328-4777

[michael.pound@jeppesen.com](mailto:michael.pound@jeppesen.com)

SOURCE Boeing

---