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News

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SafeRoute ADS-B Solutions receives Operational Approval for UPS

Phoenix, January 7, 2008 – UPS Airlines received operational approval from the Federal Aviation Administration in December for a new set of ADS-B applications developed and certified by ACSS, an L-3 Communications & Thales Company. SafeRoute is a set of ADS-B software applications that consists of Merging & Spacing (M&S), Cockpit Display of Traffic Information (CDTI), CDTI Assisted Visual Separation (CAVS) and Surface Area Movement Management functions.

“These certified and operationally approved applications are intended to address the significant industry issues related to safety, capacity and efficiency,” said ACSS President Kris Ganase.

The Merging & Spacing function enables Continuous Descent Arrival (CDA) procedures. This new capability allows the controller to delegate the task of maintaining accurate in-trail spacing to the flight crew throughout the entire descent profile, all the way from enroute airspace to the runway. According to UPS, performing CDAs with SafeRoute reduces the noise footprint of an operator by 30%, reduces emissions by 34%, reduces fuel burn by 40-70 gallons per arrival, virtually eliminates low-level vectoring and increases arrival performance to nearly 100% of available capacity in most all weather conditions.

The SAMM application is a significant advancement in airport surface safety delivering critical situational awareness to the pilot. SAMM provides a moving map display of the airport surface in the cockpit, showing the traffic operating in the terminal, taxi and runway areas. Installation of SAMM addresses the issue of runway incursion, the top safety concern identified by the National Transportation Safety Board.

CDTI Assisted Visual Separation (CAVS) allows the flight crew to continue a visual approach using the electronic display to maintain separation if visual contact with Traffic-to-Follow is lost due to hazy or night conditions. CAVS is an important safety enhancement as the electronic information displayed to the crew contains data about the flight they are following such as speed, altitude and closure rate with the traffic. The flight crew can use that information to properly time the deceleration to final approach speed, configuring for landing and avoid overtakes and resultant missed approaches.

UPS has begun installing SafeRoute on their Boeing 757 fleet and will eventually have fleetwide implementation.

ACSS acknowledges the following partner companies and government agencies for their contributions to the SafeRoute program:

- Astronautics
- Boeing Services
- Gables Engineering
- Jeppesen
- MITRE
- FAA ATO
- NASA Langley and AMES
- Eurocontrol
- FAA Tiger Team

Phoenix-based Aviation Communication & Surveillance Systems (ACSS), 70% owned by L-3 Communications and 30% owned by Thales, is a leader in safety avionics systems that increase safety, situational awareness and efficiency for aircraft operators. To learn more about ACSS, please visit the company's web site at www.L-3com.com/acss.

SAFE HARBOR STATEMENT UNDER THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995

Except for historical information contained herein, the matters set forth in this news release are forward-looking statements. Statements that are predictive in nature, that depend upon or refer to events or conditions or that include words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “estimates,” “could” and similar expressions are forward-looking statements. The forward-looking statements set forth above involve a number of risks and uncertainties that could cause actual results to differ materially from any such statement, including the risks and uncertainties discussed in the company’s Safe Harbor Compliance Statement for Forward-looking Statements included in the company’s recent filings, including Forms 10-K and 10-Q, with the Securities and Exchange Commission. The forward-looking statements speak only as of the date made, and the company undertakes no obligation to update these forward-looking statements.

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