



Malaysia Airlines selects Thales for SATCOM Connectivity

Farnborough Air Show, 16 July 2010 – Thales is pleased to announce that Malaysia Airlines will install the Thales TopFlight SATCOM (TFS) on their new order of Boeing B737's.

Malaysia Airlines Senior General Manager, Managing Director's Office, Muzzaffar Othman said, *"The Thales TopFlight SATCOM programme will complement our incoming fleet of B737-800, which is scheduled to arrive starting October this year. The TFS will provide the hardware and communications software that connects the aircraft cockpit and cabin to the ground. This will enable safety services in the cockpit. We never compromised on safety and with Thales' expertise in this area, we are looking forward to work closely with them to provide better service to our passengers"*.

Peter Hitchcock, head of Thales UK's avionics business, says: *"This is another landmark achievement for the Thales TopFlight SATCOM programme. The Malaysia Airlines TFS will be the first SwiftBroadband system to be installed and fully integrated on the B737."*

The TopFlight SATCOM establishes a new level of performance: this new ARINC 781 standard of SATCOM continues to support Inmarsat aero-services for flight deck voice and data connectivity. In addition, for airlines that have the Thales In Flight Entertainment system, the TopFlight SATCOM enables data throughput to the passenger seat for Internet connection.

Thales TopFlight SATCOM is available as a line fit option on B737, B777 passenger and freighter aircraft and is capable of supporting standalone cockpit or integrated cockpit and cabin solutions.

Notes to editors:

B777- B737 TopConnect cockpit applications

Thales has displayed technical leadership by being the first and only company to develop and deploy an ARINC 781 SwiftBroadband SATCOM product for commercial air transport aircraft. TopFlight SATCOM has been enjoying particular success in the market for Boeing aircraft. It is available as a linefit catalogue option on Boeing B737, B777 passenger aircraft, and B777 Freighter aircraft. More than 60 of these systems have been sold and they are capable of supporting standalone cockpit or integrated cockpit and cabin solutions. TopFlight SATCOM is leading the industry with a new level of performance, capable of providing simultaneous SwiftBroadband and Classic Aero Cockpit Voice and Data safety services in a 10.5Kg single 6MCU unit. The TopFlight SATCOM was the first ARINC 781 SATCOM installed on the 777 Freighter in 2009 and will be the first ARINC 781 compliant SATCOM to be installed on the B777 and B737 in 2010. Importantly, this new ARINC 781 standard of SATCOM continues to support Inmarsat aeroservices for flight deck voice and data connectivity. As part of this solution, Crew Voice calls are approved for operational and safety purposes. Furthermore, Thales TopFlight SATCOM provides a complete range of applications for the flight deck, covering recognised industry standards such as Classic Satcom-Aero for FANS compliant Oceanic Operations. In addition, TopFlight SATCOM provides an SBB channel for airlines that require SBB enabled

applications such as GSM or Thales IFE, giving throughput to the passenger seat for “live connected applications”. Several customers (including Air France, Emirates, Aerologic, China Southern, Fedex, Lan Chile, Qatar and China Cargo) have selected TopFlight SATCOM and more than 60 orders have been made for TopConnect’s cockpit applications. Other Thales avionics offerings, available as part of the Boeing BFE (Buyer Furnished Equipment) catalogue, include the TCAS, the ISFD, the Printer and the MMR.

Production of the Thales TopFlight SATCOM takes place at Thales UK, in Leicester.

About Thales

Thales is a global technology leader for the Defence & Security and the Aerospace & Transport markets. In 2009, the company generated revenues of €12.9 billion with 68,000 employees in 50 countries. With its 22,500 engineers and researchers, Thales has a unique capability to design, develop and deploy equipment, systems and services that meet the most complex security requirements. Thales has an exceptional international footprint, with operations around the world working with customers as local partners. www.thalesgroup.com

About Malaysia Airlines

Malaysia Airlines (www.malaysiaairlines.com), the national carrier of Malaysia, connects some 50,000 passengers daily to over 100 destinations worldwide across 6 continents.

The distinctive Malaysia Airlines brand is an extension of the special culture of warmth and friendliness unique to Malaysians. This inimitable Malaysian sense of graciousness is branded as MH=Malaysian Hospitality, with MH being the airline’s flight code.

Malaysia Airlines holds a lengthy record of service and best practices excellence and is also one of only 6 airlines worldwide to be accredited a "5-Star Airline" by Skytrax, an accomplishment it has achieved for 4 consecutive years, 2006-2009. It has also received the accolade of “World’s Best Cabin Staff” by Skytrax for 6 times, 2001-2004, 2007 and 2009 – the most for any airline.