EMBRAER TO OFFER INTELSAT FACTORY INSTALLED HIGH SPEED WIFI SYSTEM

News / Manufacturer



Embraer has finalized an agreement with Intelsat to install its high-speed in-flight connectivity system on E-Jet E2s during aircraft production. The system, with transmission speeds up to 275Mbps, gives passengers in the sky a similar streaming and surfing experience to their home networks. The Intelsat product is the first multi-orbit satellite system to incorporate an Electronically Steered Array antenna, which for passengers means wider coverage, faster transmission, and greater reliability. The Intelsat ESA, which is offered as an option, will be available for line-fit by the end of this year.

Rob Baird, Director of OEM Programs at Intelsat commented: “Intelsat is the first multi-orbit satellite inflight connectivity system with an electronically steered array antenna to be installed at the Embraer factory, allowing passengers access to reliable, streaming connectivity starting immediately when aircraft enters revenue service. Passengers on Embraer E2 aircraft will soon enjoy the same high speed internet access from the clouds that they enjoy at home, thanks to our wide coverage and low latency.”

Martyn Holmes, CCO, Embraer Commercial Aviation stated: “Factory-installation of the Intelsat

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ESA is a good example of how we’re making it easier for our customers to offer an improved passenger experience as soon as the aircraft is delivered. Reliable, high-speed connectivity is a key opportunity to significantly improve passengers’ onboard experience – helping to keep airlines competitive and their passengers productive and entertained in-flight.”



Intelsat LEO network has low latency (the delay between sending and receiving data) and covers the entire Earth, including the polar regions. The GEO network is ideal for more densely populated areas, like big cities. The ESA antenna itself is lightweight. Its low profile (less than 3 inches) generates less drag compared to other designs. This helps minimize fuel consumption in keeping with Embraer’s commitment to ensuring the E2’s sustainability characteristics. Intelsat, of McLean, USA, operates the world’s largest integrated satellite and terrestrial network and is a leading provider of in-flight connectivity products and services.

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