

Progress Report

EMBRAER
Defense & Security

KC-390

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KC-390 PROVES HIGH LEVEL OF MATURITY IN DEMONSTRATION FLIGHTS ABROAD AND FOLLOWS TOWARD CERTIFICATION IN 2017



The first prototype of the KC-390, next generation multi-mission aircraft by Embraer, returned to Brazil after successfully completing its first international mission, lasting 23 days and flying more than 48 hours. Currently, two KC-390 prototypes accumulated more than 400 flight hours.

Besides participating in the Farnborough Airshow in England, where the aircraft made its international debut, the first prototype also conducted demonstration flights with program

partners and potential customers.

Covering more than 16,300 nautical miles (about 30,200 kilometers) just in ferry flights, with operations in other international airports such as Sal (Cape Verde), Alverca (Portugal) Odolena Voda (Czech Republic), Cairo (Egypt), Abu Dhabi (United Arab Emirates) and Malta, the aircraft demonstrated its high level of maturity, with availability reaching 100% during the 16 flights planned and carried out in locations where the temperature reached 45° C (113° F). ■

PARATROOPERS AND CARGO DROP ASSESSMENT

Embraer has recently performed the initial cargo airdrop and paratroops assessment as well as the rear ramp, cargo door and paratroops door operation. The flight test schedule for 2016 includes aerodynamics freezing, air drop tests and paratrooper evaluation. In total, the flight test campaign is expected to last around two years. Embraer expects to receive the certification of the KC-390 jet by the end of 2017 with first deliveries of the aircraft scheduled for the first half of 2018. ■



AIR-TO-AIR REFUELING HOSE STABILITY

Embraer Defense & Security has achieved a significant milestone in the KC-390 military tanker and transport aircraft program by performing initial tests of the aerial refueling systems installed in KC-390's prototype 001. Configured as a tanker for the first time, the KC-390 prototype fitted with Cobham 912E wing mounted pods completed a series of successful flight trials during May 2016. Operating from Embraer's Gavião Peixoto facility in Brazil, the flight involved hose stability and trail and rewind tests with both high speed and low speed drogues fitted. ■



EMBRAER AND BOEING TO COLLABORATE ON WORLDWIDE SALES, SUPPORT OF KC-390 MEDIUM AIRLIFT



Embraer and Boeing have announced a teaming agreement to jointly market and support the KC-390 multi-mission mobility and aerial refueling aircraft during the Farnborough Airshow. Under the agreement the companies will together pursue new business opportunities, both for the aircraft itself and for aircraft support and sustainment. Embraer will provide the aircraft while Boeing will be responsible for in-service support.

"The expansion of our relationship makes the best medium-sized airlift product available to customers, bolstered by the best support available," said Jackson Schneider, President and CEO of Embraer Defense & Security. "Boeing has outstanding

experience in the military mobility market and the KC-390 is the most effective aircraft in its category."

"The teaming agreement between Boeing and Embraer brings together two strong companies and underscores our commitment to branch out beyond the traditional OEM role into services for non-Boeing aircraft," said Ed Dolanski, president of Boeing Global Services and Support. "Our advantage is Boeing's global reach, which provides greater flexibility, enabling us to quickly respond to customers, as well as take advantage of synergies that help lower costs - savings we can pass on to the customer." ■