

## KC-390'S FLIGHT TEST CAMPAIGN PROGRESSES



The flight test campaign of the KC-390 is progressing extremely well, matching the aircraft performance and capabilities goals predicted through the use of the latest engineering tools. Since the start of the flight test campaign, on 26 October 2015, the KC-390 prototype has presented a very high availability, logging an unprecedented flight rate in the program, with more than 150 flight hours accumulated.

The current stage of the flight test campaign was dedicated to a general assessment of its systems, performance and flying qualities. Embraer has already covered the full flight envelope of the aircraft reaching cruise speed of Mach .80 and operational ceiling of 36.000 feet, performing daily flights. Other milestones achieved also include flights with fly by wire control law in normal mode (meaning closed loop plus envelope protection engaged), sidesticks linked and active, complete flap and slat configuration tests, as well as inflight shutdown and restart of the engines and APU. 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 the first deliveries of the aircraft scheduled for the first half of 2018.



## SECOND PROTOTYPE PERFORMS MAIDEN FLIGHT

KC-390's second prototype made its first flight on April 28th at Embraer's facility in Gavião Peixoto, Brazil. The aircraft has joined the flight test campaign towards certification in 2017. In its maiden flight, the second prototype flew for almost three hours and with fly-by-wire flight controls engaged in normal mode.

## EMBRAER DEFENSE & SECURITY SELECTS RHEINMETALL AS TRAINING DEVICES PROVIDER FOR THE KC-390 PROGRAM



Jackson Schneider (left), President and CEO of Embraer Defense & Security, and Ulrich Sasse, President of Rheinmetall Simulation and Training, signed the agreement at the FIDAE airshow.

Embraer Defense & Security announced that it has selected the German company Rheinmetall Defence Electronics Simulation and Training to develop and deliver the Training Media Suite for the KC-390 military transport jet during the Fidae airshow, in Santiago, Chile.

“We are looking forward to build further on our recent fruitful cooperation and are confident that our partnership with Rheinmetall will result in a first class KC-390 Training Media Suite that will indefinitely contribute to the overall success of the KC-390 Program”, said Jackson Schneider, President and CEO, Embraer Defense & Security.

“Rheinmetall is honored for being selected as the training devices partner in the KC-390 program” said Ulrich Sasse, President Rheinmetall Simulation and Training, “and we are very excited to demonstrate our commitment for Embraer and the entire KC-390 program by providing our latest and proven simulation technology out of Germany.”

## OPEN DOORS



KC-390's flight test campaign reached another milestone at the end of April when the aircraft performed the in-flight operation of rear ramp, cargo door and paratroop door.