

# Embraer Delivers Last Modernized AF-1B Fighter Jet to the Brazilian Navy

GAVIAO PEIXOTO, BRAZIL – Embraer delivered on April 20 the last modernized AF-1 fighter (AF-1B) to the Brazilian navy. The ceremony was held at Embraer's industrial unit in Gavião Peixoto in São Paulo state. Under the AF-1 program (the Navy designation for the McDonnell Douglas A-4 Skyhawk), seven subsonic fighter jets were modernized, five single-seater AF-1Bs and two two-seaters AF-1Cs.

The AF-1 is an intercept and attack aircraft operated from airfields or aircraft carriers as a vector for the fleet's air defense. The Brazilian navy's modernized aircraft received new navigation, weapons, power generation, computers, tactical communication, and sensor systems, including a state-of-the-art multi-mode radar and a new operating system. In addition to the modernization, the revitalization of the cell was carried out, increasing the aircraft's useful life.

Modernization provides pilots a situational awareness and familiarity with modern combat aircraft systems operations – essential and relevant criteria for the current combat scenario.

As part of the modernization program carried out by Embraer, a high-fidelity flight simulator was developed permitting the Brazilian navy to carry out pilot training, thus increasing safety in its operations. Briefing and debriefing stations used in the training and proficiency of pilots were also provided to improve their use, to reduce costs and to bring greater effectiveness to mission planning and execution.