



ATLANTIQUE 2



GENERAL CHARACTERISTICS

Aircraft: Long range Maritime Patrol Aircraft

Length: 31,75 m

Wingspan: 37,42 m

Height: 10,89 m

Max take-off weight: 46.200 kg

Speed : 350 knots

Autonomy: 14 hrs

Service ceiling: 30000 ft

OVERVIEW

The Bréguet - Dassault Aviation Atlantique 2 (or ATL 2) is a long-range maritime patrol aircraft, endowed with endurance and astonishing maneuverability, when it comes to evolving flush of water in pursuit of a submarine. This device is the direct heir to the Breguet Atlantic. It resumes its general forms, with a characteristic bilobed fuselage which can accommodate a large pressurized cabin above a long gun bay.

The Atlantique 2 also inherits from its predecessor a reliable and economical engine which gives it a maximum endurance of 14 hours of flight.

If the engine cell has changed little compared to the ATL1 , the situation is quite different for the weapon system, the means of navigation, detection and data processing which have been considerably modernized to face new threats.

Seven work consoles allow specialists, under the supervision of a tactical coordinator, to simultaneously manage all of the aircraft's systems. We can add to these high-tech equipment, the irreplaceable work done by the observers on the sides and in the glass nose, to scan the sea with the naked eye or with the binoculars. A full crew comprises a total of twelve specialists under the command of an aircraft commander, an experienced pilot whose responsibility is to manage the mission as a whole.

Four points of transport under the wings and a vast hold make it possible to implement an armament as varied as the missions which the plane must face. Underwater detection buoys and torpedoes can be used against submarines. Against surface targets, the Atlantic 2 can fire the AM-39 Exocet missile . As for the aid to the castaways, it is done by dropping SAR chains, survival sets articulated around an inflatable boat, one of which is permanently embedded in the aircraft hold.



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