



HELICOPTERS
Military

AS565 MBe



AIRBUS

A photograph of an AS565 MBe helicopter in flight, viewed from a low angle. The helicopter is white with blue accents and is flying over a body of water with a sandy beach and some buildings in the background. The sky is clear and blue. The helicopter's rotor blades are visible, and it appears to be in a steady climb or level flight.

The AS565 MBe, The Naval Utility Helicopter at its best

- The AS565 MBe is the latest evolution of the combat proven Panther helicopter with more powerful engines and MGB and a state-of-the-Art 4 axis autopilot.
 - Boasting easy maintenance and high endurance, the flexible, multipurpose and costeffective AS565 MBe Panther is perfectly adapted to navy and coast-guard requirements.
 - Already operated by many Navies and maritime customers, the AS565MBe Panther is the reference in the light-medium Naval Utility Helicopter segment.
 - Its renowned flexibility allows the AS565 MBe Panther to perform multiple missions such as SAR, Medevac, armed antipiracy or ASW – ASuWmissions
- AS565 MBe 003





Modern cockpit avionics

- Single / Dual pilot IFR cockpit
- 2 x 2 color multifunction displays (MFD-255)
- 10.4-inch color tactical display (radar, navigation & FLIR)
- VEMD
- NVG compatible
- Can accommodate mission-specific equipment: OTHT Data-link, radar warning receiver (RWR) system, torpedo control box, etc.



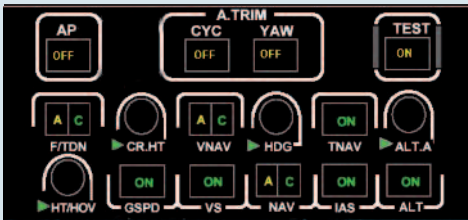
Starflex Fiberglass Rotor Head

- Outstanding maneuverability and stability
- Very low sound and vibration levels
- Rotor engagements in winds of up to 55 kts
- Low and easy maintenance level

Fiberglass and CarbonFiber Main Rotor Blades

- Ballistic damages tolerant blades
- Corrosion-proof
- Manually foldable
- 20,000 hours service life.





State-of-the-Art Automatic Flight Control System (AFCS)

- Automatic transition to and from the hover in all conditions
- Automatic SAR search patterns
- Automatic acquisition and hold of: ALT, HDG, V/S, A/S, NAV, VOR & ILS glide approach, etc.
- Safety modes: Go-Around (G/A) & FLY-UP
- Joystick control function allowing hover control by winch operator



Quiet Fenestron®

- Composite blades
- High level of safety
- Low sound level (3.1 dB below ICAO requirements)
- Superior level of safety on ground and in flight
- Allowing to continue flight even with loss of tail rotor control

Powerful Turbomeca Arriel 2N Engines

- Maximum power per engine: 735 kW/985 shp
- Proven technology: Safety and reliability at its best

Flexibility

For SAR and MEDEVAC missions, the AS565 MBe has a flexible cabin that enables operators to tailor the configuration to their exact needs. It is rapidly reconfigurable as roles change and can be equipped with the latest medical equipment.

Extensive optional equipment

- Flight Management System (FMS) with doppler and GPS
- Search and weather radar
- EOS (Electronic Optical System)
- Variable speed electric Class 1 rescue hoist: 0 to 1.3 m/sec (0 to 250 ft/min)
- Cargo sling load with dynamometer: 907 kg (2,000 lb) or 1,600 kg (2,500 lb), depending on configuration
- Axial and side armament





Naval missions

The all-weather, multi-role multiplier

- With a 160 NM radius of action, the AS565 Mbe can hoist 2 to 4 survivors + 20 min of fuel reserve (no cabin tank) at sea level ISA+20
- With an endurance of four hours and its capability to carry up to two torpedoes / Depth Charge, the AS565MBe significantly multiplies a surface ship's ability to conduct Anti-Submarine Warfare (ASW) and AntiSurface Warfare (ASuW).
- With its capability to fly a distance of 150NM at high speed with a crew of 2, loiter 30 minutes to acquire tactical situation, transfer real-time data to command and return to mother-ship, the AS565MBe is an outstanding and affordable OTHT platform.



Embedded safety features for enhanced ship-deck operations:

- 4-axis AFCS
- Fenestron® shrouded tail rotor
- High-mounted main rotor
- Harpoon deck-lock system (optional)
- SAMAHE compatible system (optional)



The AS565 MBe, the Naval Utility helicopter at its best

This all-weather, cost effective, light-medium helicopter is an enabler and outstanding force multiplier with excellent combat-proven track record for :

- Maritime surveillance
- Day and night (NVG) Search And Rescue
- Medical evacuation
- Armed anti-piracy and antiterrorism
- Troop transport and Commandos insertion
- Cargo ship transfers
- Anti-Submarine and Anti-Surface Warfare
- Over-The-Horizon Targeting



Contacts

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