

# H225M

The combat proven multi-role helicopter / Designed for the most demanding missions



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Updated as of June 2017

H225M Global Fleet Figures			
In-service Aircraft	Customers	Operating Countries	Total Flight Hours
85	7	6	78,700

## Key Features

- The H225M is equipped with state-of-the-art avionics and communication systems that reduce crew workload while enhancing mission capability and safety.
- A combat-proven platform with exceptional payload, a world-class automatic flight control system and long endurance, the H225M Caracal has demonstrated its versatility and performance even in the harshest operational environments including Lebanon, Afghanistan, Chad, Ivory Coast, Central African Republic, Somalia and Mali.
- Using the proven military heritage of Airbus Helicopters' Puma and Super Puma rotorcraft, the H225M was conceived with survivability in mind. Its airframe has reinforced structural main frames and is equipped with high energy-absorbing landing gear, along with self-sealing and crashworthy fuel tanks.
- The H225M is the only European helicopter that has an operational air-to-air in-flight refueling capability which has already been used in real operations.
- The H225M can be fitted with HForce, an incremental, affordable, plug n' play weapon management system, that gives it light attack mission capabilities.
- Compliant with the most demanding combat missions, H225M benefits from already qualified and combat proven mission equipment such as dual 115V AC electrical hoist installation, high performance

electro optical system, high intensity search light, auxiliary fuel tank (990 l) for extra range, armouring, window mounted 7.62mm machine gun, digital moving map, inertial navigation system, infra red suppressors, electronic warfare system, fast roping / grappe, air to air refueling probe.

- The H225M is relied upon by France, Brazil, Mexico, Malaysia, Indonesia, and Thailand to support their most demanding missions and was recently ordered in 2016 by Singapore and Kuwait.

## Main Missions

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- **Tactical transport:** the agility, high load capacity and easy cabin access of the H225M combined with fast cruise speed and long range make this aircraft the perfect tactical transport helicopter for troops and cargo. Its large cabin and heavy-lift performance enables the rotorcraft to carry up to 29 troops/personnel in cabin seats, or up to 20 troops/personnel on energy-absorbing wall-mounted seats. Operations are facilitated by two large sliding cargo doors and two large sliding windows, which leave the main cabin doors unobstructed.
- **Combat Search & rescue:** the H225M offers superior performance, safety, endurance and range making it perfect for search and rescue missions in all weather conditions. Equipped with cutting-edge technology such as an automatic flight control system, the H225M encompasses everything needed to perform precise, safe and successful missions.  
The radius of action of more than 300 nautical miles is extendable by refueling during flight or in hover – giving the reach needed on long-range missions or during prolonged SAR operations.
- **Casualty / medical evacuation:** the high load capacity and easy cabin access, combined with fast cruise speed, long range and in-flight agility make this aircraft well suited for medical evacuation and casualty evacuation duties (MEDEVAC/CASEVAC).  
Up to 11 stretchers and five attendants can be installed. Another possibility is the transport of two self-contained medical units with attendants.
- **Anti Surface Warfare:** H225M is also capable of Anti Surface Warfare operations, with APS143 tactical radar providing a permanent and precise picture for maritime situation awareness. The firing installation designed by Airbus Helicopters on H225M enables to launch the AM39 Block2 Mod2 which is the latest standard of the EXOCET air-to-surface version for long range anti-ship capability. It is an all-weather, fire and forget ammunition with a true sea skimming flight.

## Key Dates

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- November 2000: First flight
- July 2004: EASA certification
- 2006: First delivery

## Technical Specifications

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- Maximum take-off weight: 11,000 kg
- Engine: Safran Makila 2A1
- Two pilots and up to 29 troops
- Performance
  - Max speed: 175 kts / 324 km/h, Fast cruise speed: 142 kts / 262 km/h
  - Max range: 909 km / 491 NM without reserve
  - Max endurance: 4h26 without reserve