

# H225M

## Designed for the most demanding missions

The H225M Caracal's reliability and durability have been demonstrated in combat conditions and crisis areas that include Lebanon, Afghanistan, Mali and Libya. An evolution from the experience gained with the Cougar family, the H225M Caracal is the latest version of this medium lift (11-ton class) helicopter.

Also suited for public service missions such as Search and Rescue, Firefighting, Coast Guard or Exclusive Economic Zone (EEZ) protection.

Operating both from **ships** and **land**, this helicopter has an **all-weather** capability – including flight in **icing conditions** – supported by state-of-the-art **night vision** goggle compatibility.

**State-of-the-art avionics and communication systems** that reduce crew workload while enhancing mission capability and safety.

**Four axis, dual-duplex autopilot** provides outstanding **precision and stability** and enables flight in search and rescue patterns, automatic hover acquisition.

The helicopter's outstanding 700 nautical mile range is extended with **air-to-air refueling** and hover in flight refueling.

**Electronic Warfare System (EWS):**

- Radar warning receiver
- Missile approach warning system
- Laser warning receiver

**Weapon system**

**Armament System embedding**

- 1 20mm cannon inside
- 1 Heavy store carriers
- 1 2,75 inches or 68mm rocket pods
- 1 20 mm cannon pod
- 1 12,7 mm cannon pod
- 2 7.62 mm self-defense machine guns

Labels: IR Suppressors, External armouring plates, Chaff / Flare dispensers, Foldable main blades, Foldable tail boom, Fast roping beams, Double Hoist, Emergency Floatation System, EOS (Electro-Optical System), Air to air refuelling probe.

### Combat SAR

Search and Rescue missions require a fast, high-performance helicopter able to function in both hot and cold environments. **The H225M can achieve the mission when others can't deliver.**

- Above 95% availability rate
- Takeoff in less than 5 minutes
- Tactical radius of action 200 NM

### Maritime Operations

SENSO : in charge of the sensors management

TACCO : Tactical Coordinator

SONOBUOY

**Missions**

Special Ops, Combat SAR, Personnel Recovery missions and Maritime Operations.

### Special operations

The H225M Caracal has been designed and is equipped for high survivability.

Protection against ice and sand

Hatch for rope extraction

Unrivalled redundancy in key systems to maintain full functionality despite significant battle damage.

### Technical data

Capacity	Max cruise speed (Vne)	Engines	Max. take-off weight	Max. range with add. fuel tank
Troop transport: 2 pilots + 1 chief of stick + 28 seats 11 stretchers + 4 pax	324 km/h 175 kts	2 Turbomeca Makila 2A1	11,000 kg	703 NM (without pax)

### Dimensions

19.5 m Rotor rotating

4.97 m

16.79 m

3.0 m

Tail boom folded

Main blades folded

2.0 m

### Tactical Transport missions

The agility, high load capacity and easy cabin access of the H225M Caracal combined with fast cruise speed and long range, make this aircraft the perfect tactical transport helicopter for troops and cargo.

Up to 28 cabin seats in high density configuration

Easy cabin access

Storage space

Up to 20 cabin crashworthy seats

High density cabin floor of 1,500 daN/m<sup>2</sup> in Cargo transport Configuration

Rear jettisonable fuel tank

Crew cockpit protection: **armoured crashworthy crew seats.** Protection against 12.7 mm.

Source: Airbus Helicopters. Infographic: Beatriz Santacruz.