The Light Battlefield Support Helicopter

The H145M® is Airbus Helicopters’ latest medium sized military multirole helicopter, offering great power, range, endurance and payload capacity, when operating in 6,000 ft altitude and 95 deg.F environments, commonly known as “6K/95 hot & high” conditions.

The versatile H145M is based on the ruggedness, low operating cost and high mission reliability of the certified EC145 – in service in the US Army as UH-72A Lakota (availability >90%) – enhanced by two Turbomeca Arriel 2E engines including dual channel FADEC, a Fenestron® tail rotor for improved anti-torque, an upgraded transmission, a latest technology glass cockpit and avionics suite – Helionix® - coupled to the 4-axis digital autopilot system.

The H145M with its spacious cabin optimized by a rear access can be fitted with a wide selection of armaments, ranging from ballistic to guided ammunition, providing outstanding flexibility for all military missions from light utility to light attack.

**DIMENSIONS**
- Length (rotor rotating): 44.72 ft / 13.63 m
- Fuselage length: 38.35 ft / 11.69 m
- Height: 13.12 ft / 4 m
- Main rotor diameter: 36.09 ft / 11 m
- Width (blades folded): 8.89 ft / 2.71 m

**CAPABILITIES**
- Max takeoff weight (MTOW): 8,157 lb / 3,700 kg
- Useful Load: 3,900 lb / 1,769 kg
- Sling load: 3,307 lb / 1,500 kg
- Max seating: 1 / 2 pilots + 10 / 9 troops

**ENGINE**
- 2 Turbomeca ARRIEL 2E turboshaft engines
- Maximum Continuous Power (MCP): 2 x 771 shp / 2 x 575 kW
- Takeoff Power (TOP): 2 x 894 shp / 2 x 667 kW
- 2 min One Engine Inoperative (OEI): 1 x 1,038 shp / 1 x 775 kW
- 30 sec OEI-power: 1 x 1,072 shp / 1 x 800 kW

**PERFORMANCE AT MTOW**
- Speed (Vne): 250 km/h / 135 kts
- Fast Cruise speed (Vh): 244 km/h / 132 kts
- Maximum range: 662 km / 57 NM
- Hover ceiling OGE (TOP), ISA: 2,700 m / 8,858 ft

**MISSION VERSATILITY**
- Armed Scout
- Special Operations
- Light Attack
- SAR
- MEDEVAC/CASEVAC
- Maritime
- C3i

**ROOMY CABIN**
- 10 troops capability
- Excellent access from both sides and rear
- Unobstructed flat floor with rails
- Excellent exterior visibility

**STABLE AND ACCURATE FIRING PLATFORM**
- Mission computer
- Multi-purpose pylons with slaving and release units
- IR / TV Electro Optic System
- Night Vision Goggle compatible (NVG)
- Laser range finder / designator / pointer

**HIGH SURVIVABILITY**
- Agile, low signature
- Ballistic Protection
- IR Suppressor
- Self-Sealing Supply Tanks
- High crashworthiness (fuselage, seats and fuel cells)
- Electronic Warfare System (EWS)
- Redundancy

**BALLISTIC & GUIDED WEAPONS**
- 12- or 7-tube rocket launcher
- 20 mm cannon pod
- 12.7 mm machine gun pod
- Air-to-ground missiles
- Growth potential for laser guided rocket

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