THE BEST LIGHT MULTI-ROLE HELICOPTER
PERFORMING WORLDWIDE

The AW109 Military is a proven, cost effective, multi-role helicopter already in service with several Armed Forces around the world.

A wide range of mission equipment, including internal and external weapon systems, combined with outstanding flight performance, enables the AW109M to accomplish missions in the harshest environments.

The AW109M benefits from an extensive global network of customer support. We also offer state-of-the-art training to enhance pilots’ performance and to maximize safety.

The aircraft compact external dimensions enhance maritime operations and assure C-130 aircraft class transportability.

ARMAMENT

Internal Armaments
- Up to two pintle-mounted 7.62 mm machine guns
- 12.7 mm machine gun
- 12.7 mm rifle

External Armaments
- 12.7 mm Machine-gun Pod (250 or 400 rounds)
- 70 mm rocket launchers (7 or 12 tubes)
- Rocket-Machine gun Pod (3 kts/70mm, 250 rds/12.7 mm)
- Laser Guided Rockets (LGR)

AVIONICS

Proven instruments with LCD displays providing low workload for Single/Dual Pilots operations under VFR/IFR rules.

Leading features
- Pilot/co-pilot LCD EADI/EHSI instruments
- AFCS 3-axis duplex
- Flight director & autotrim
- CVR/FDR (Cockpit Voice & Flight Data Recorder)
- Moving map
- NVG compatibility
- VHF/COM/NAV radios
- VHF/UHF radio
- VHF/UHF - AM/FM radio
LAND

The AW109M provides battlefield commanders with highly effective multirole capability to conduct a diverse range of primary and secondary missions.

- Armed reconnaissance
- Escort and fire support
- Tactical troop transport
- Command and control
- SAR and Medical Evacuation
- Commando insertion

MARITIME

Designed for operations in harsh maritime environment, the AW109M provides maritime commanders with outstanding mission flexibility, to perform a wide range of tasks.

- Armed reconnaissance
- Maritime counter piracy
- Surface surveillance
- SAR and Medical Evacuation
- Utility support
- Ferry VIP

AW109M CHARACTERISTICS

| Weight (MTOW) | Max Gross Weight | 3,000 kg | 6,614 lb |
| Engine Ratings (2 x Pratt & Whitney PW206C) | Take off power (5 min) | 2 x 477 kW | 2 x 640 shp |
| OEl Max contingency (2.5 min) | 546 kW | 732 shp |
| Transmission Ratings | Take off (5 min) | 671 kW | 900 shp |
| Max continuous | 671 kW | 900 shp |
| Fuel Capacity | 3-cell fuel system | 605 l | 160 USgal |
| 4-cell fuel system | 699 l | 185 USgal |
| 5-cell fuel system | 835 l | 221 USgal |
| Seating | Crew / Passenger | 1-2 / 7-6 |
| Dimensions | Overall length | 13.04 m | 42 ft 9 in |
| Overall height | 3.50 m | 11 ft 6 in |
| Rotor diameter | 11.00 m | 36 ft 11 in |
| Performance (ISA, MGW) | VNE (S.L.) | 311 Km/h | 168 kt |
| Cruise Speed (S.L.) | 285 km/h | 154 kt |
| Rate of Climb (S.L.) | 9.81 m/s | 1,930 ft/min |
| Hovering IGE | 5,059 m | 16,600 ft |
| Hovering OGE | 3,596 m | 11,800 ft |
| Service Ceiling | 5,974 m | 19,600 ft |
| Maximum range (2) | 948 km | 512 nm |
| Maximum endurance (2) | 4 h 51 min |

(2) with 221 USgal, no reserve, @ 5,000 ft
Leonardo - Società per azioni
Registered Head Office:
Piazza Monte Grappa, 4 - 00195 Rome - Italy
Tel. +39 06 324731 - Fax +39 06 3208621
Leonardo Helicopters
Head Office:
Via Giovanni Agusta, 520 - 21017 Cascina Costa di Samarate - Italy
Tel. +39 0331 229111

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