

RUGGED AND RELIABLE

PERFORMING ANYWHERE

The AW109M Trekker is the newest light twin-engine helicopter, equipped with skid landing gear, providing the ideal solution for utility and aerial work operations. The helicopter is characterised by high productivity, excellent flying qualities, high controllability and manoeuvrability, robustness and high inherent safety. Offering a spacious interior that enables rapid role change, and a state-of-the-art glass cockpit, the AW109M Trekker is the new effective choice in the twin-engine turbine helicopter market. A wide range of optional equipment ensures extensive operational flexibility to successfully perform missions in a variety of roles.

AgustaWestland AW109M Trekker





DISTINCTIVE FEATURES

- Rugged skid landing gear
- State-of-the-art glass cockpit
- High useful load
- Superior range and endurance.

ADVANCED AVIONICS

State-of-the-art Genesys Aerosystems glass cockpit featuring:

- Ergonomic and low workload cockpit layout
- Two large format 6" x 8" EFIS displays providing Primary Flight Display (PFD) and Multi-Function Display (MFD) information
- Integrated 3D Synthetic Vision with Highway-In-The-Sky (HITS) navigation
- Integrated Helicopter Terrain Awareness Warning System (HTAWS) with worldwide terrain and obstacle database
- Fully capable moving map
- Dual VHF / AM, dual VOR, GPS, ESIS
- Mode S transponder with ADS-B OUT capability
- Integrated TCAS I capability
- Co-pilot 6" x 8" Primary Flight Display available on request.



STATE-OF-THE-ART SAFETY FEATURES

- Reinforced pilots windshield
- High resistance cocoon-type airframe
- Crash-resistant fuel system, crew and passenger seats
- Powerful PW207C turbo-shaft engines with FADEC
- Full Cat. A / Class 1 performance even in hot environments (up to ISA+20°C)
- Enhanced situational awareness to maximise safety levels
- 3-axis autopilot coupled to the Flight Director and GPS.



EXTENSIVE OPERATIONAL CAPABILITY

- Extended operating envelope (weight / altitude / temperature)
- Excellent platform for utility operations
- Multiple choice of role equipment, including: cargo hook, external rescue hoist, searchlight, external loudspeakers, FLIR, video downlink, snow skis, emergency floats.

VERSATILITY

- Easily reconfigurable
- Ideal for a variety of applications such as Utility, Aerial Scout, Armed Patrol and Surveillance, MEDEVAC, SAR, and Passenger Transport.

INTERNAL ARMAMENT

- Door gunner post 12.7 mm machine gun
- Two pintle-mounted 7.62 mm machine guns.

EXTERNAL ARMAMENT

- 7.62 mm machine gun pod
- 12.7 mm machine gun pod (250 or 400 rounds)
- Combined 12.7 mm machine gun pod / 3 tubes 2.75 in rocket launcher
- 70 mm rocket launchers available in 7 or 12 tubes.



AW109M Trekker CHARACTERISTICS

Weight

MTOW (Internal / External)	3,175 / 3,200 kg	7,000 / 7,055 lb
Empty Weight (Baseline config.)	1,670 kg	3,682 lb

Performance (ISA, MGW)

VNE	296 km/h	160 kt
Hover IGE	4,750 m	15,600 ft
Hover OGE	3,050 m	10,000 ft
Rate of Climb (AEO)	8.5 m/s	1,670 ft/min
Service Ceiling (AEO)	4,938 m	16,200 ft
VTOL CAT. A	853 m	2,800 ft
Maximum Range ⁽¹⁾	824 km	445 nm
Maximum Endurance ⁽¹⁾	4 h 20 min	

Powerplant

Engines	2 x Pratt&Whitney Canada PW207C	
Power Rating - AEO Take-Off	2 x 548 kW	2 x 735 shp

Fuel Capacity

3-cell fuel system	575 l	152 USgal
4-cell fuel system	669 l	177 USgal
5-cell fuel system	805 l	213 USgal

Seating

Crew / Passengers	1 or 2 pilots with 7 or 6 passengers
-------------------	--------------------------------------

⁽¹⁾ 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



© Leonardo - Società per azioni

This document contains information that is proprietary to Leonardo - Società per azioni and is supplied on the express condition that it may not be reproduced in whole or in part, or used for manufacture, or used for any purpose other than for which it is supplied.

leonardocompany.com