

**RUGGED AND RELIABLE**

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**AW109**  
**Trekker**

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## DISCOVER THE AW109 Trekker

The AW109 Trekker is the newest light twin engine helicopter, equipped with skid landing gear, developed to provide the perfect solution for utility and aerial work operations. High productivity, excellent flying qualities, high controllability and manoeuvrability, robustness and high inherent safety characterise the helicopter. Offering a spacious interior that enables quick role change and a state-of-the-art glass cockpit, the AW109 Trekker is the new effective choice in twin engine turbine helicopter market. A wide range of optional equipment ensures extensive operational flexibility to perform missions in a variety of roles.

### DISTINCTIVE FEATURES

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

### ADVANCED AVIONICS

State-of-the-art Genesys Aerosystems glass cockpit

- 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.



### VERSATILITY

- Easily reconfigurable
- Ideal for a variety of applications such as Utility, EMS / SAR, Patrol and Surveillance and Passenger Transport.

### VALUE FOR MONEY

- The highest productivity among twin turbine helicopters with best-in-class payload and performance.



### STATE-OF-THE-ART SAFETY FEATURES

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



### AW109 Trekker CHARACTERISTICS

<b>Weight</b>		
MTOW (Internal / External)	3,175 / 3,200 kg	7,000 / 7,055 lb
Empty Weight (Baseline config.)	1,670 kg	3,682 lb
<b>Performance</b>		
VNE	296 km/h	160 kts
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	824 m	445 nm
Maximum Endurance	4 h 20 min	
<b>Powerplant</b>		
Engines	2 x Pratt&Whitney Canada PW207C	
Power Rating - AEO Take-Off	2 x 548 kW	2 x 735 shp
<b>Fuel Capacity</b>		
3-cell fuel system	575 l	152 USgal
4-cell fuel system	669 l	177 USgal
5-cell fuel system	805 l	213 USgal
<b>Seating</b>		
Crew / Passengers	1 or 2 pilots with 7 or 6 passengers	
	1 or 2 pilots with 1 stretcher and 3/4 medical attendants	
	1 or 2 pilots with 2 stretchers and 2 medical attendants	

