

AgustaWestland GrandNew
Private and Executive Transport



 **LEONARDO**
HELICOPTERS



AW109
GRAND NEW

SEE FURTHER. GO ANYWHERE

IT’S ABOUT YOUR BUSINESS

With its sleek design, elegant and comfortable cabin, unrivalled performance, enhanced digital glass cockpit and technology and safety features that are inherently built into all of our helicopters, the Grand New has become the benchmark for Private and Executive helicopter owners.

Finished in the finest interior trims and benefitting from excellent soundproofing, passengers enjoy an extremely quiet and comfortable flight in a wide range of layouts.

Customer Support & Training Global Network provides GrandNew operators a range of Service Plans and a state-of-the-art training capability, maximizing operational safety and availability.

DISTINCTIVE FEATURES

Tailor made interior solutions to meet all requirements

Easy passengers access to the cabin

3D Synthetic Vision System, Terrain Awareness Warning System, Highway In The Sky to reduce pilot’s workload and increase situational awareness

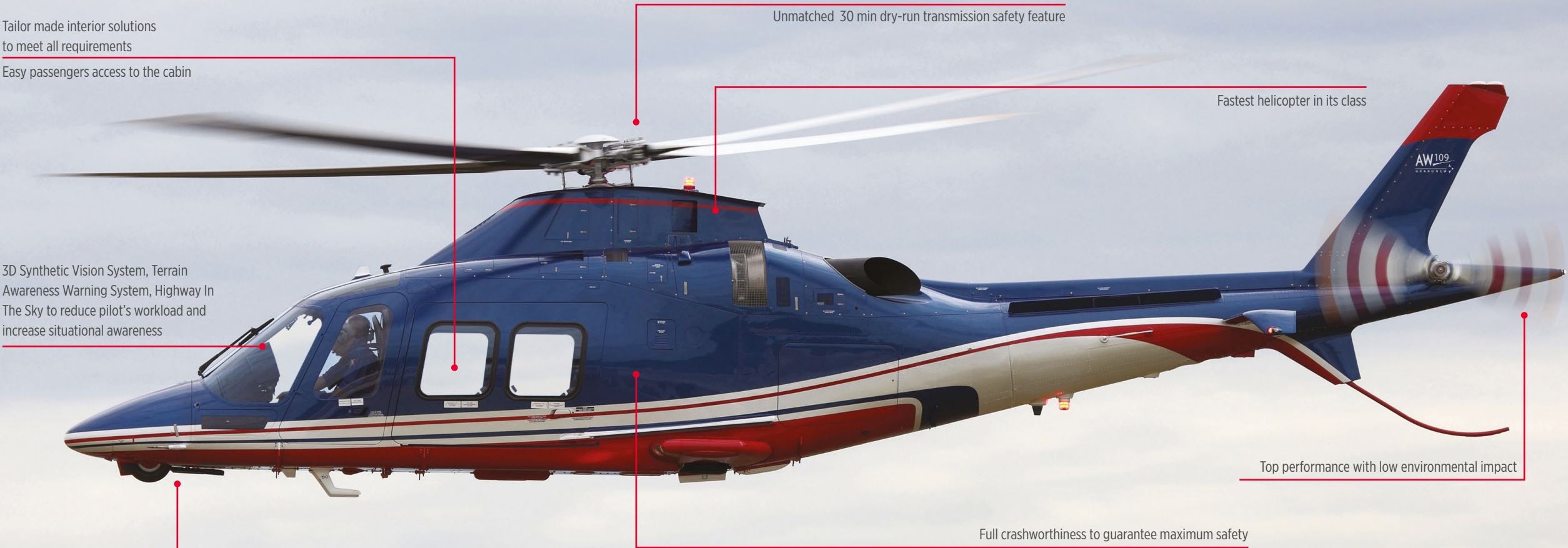
Retractable Landing Gear to maximize speed and comfort

Unmatched 30 min dry-run transmission safety feature

Fastest helicopter in its class

Full crashworthiness to guarantee maximum safety

Top performance with low environmental impact



NEXT GENERATION AVIONICS

The GrandNew features a state-of-the art navigation suite, based on a dual Flight Management System (FMS) and advanced digital dual-duplex 4-axis autopilot, incorporating advanced ‘point in space’ navigation and GNSS / SBAS capabilities for lateral and vertical guidance during in-flight procedures and including approach operations to LPV minima.

SAFETY

The Grand New is fully certified as crashworthy which includes the airframe, the fuel system and all pilot and passenger seating. Full Cat. A Performance Class 1 certification (up to 35°C at s.l.) ensures safe flight to and from congested areas, such as city centres, even in One Engine Inoperative (OEI) conditions.



GRAND NEW CHARACTERISTICS

Dimensions		
Overall length ⁽¹⁾	12.96 m	42 ft 6 in
Overall height	3.40 m	11 ft 2 in
Cabin volume	3.90 m ³	137.7 ft ³
Baggage volume	0.90 m ³	31.8 ft ³
Propulsion		
Powerplant	2 x Pratt & Whitney PW207C	
Weight (MTOW)		
Internal load	3,175 kg	7,000 lb
Capacity		
Crew/Passenger seating	1 or 2 / 7 or 6	
Performance (ISA, MTOW)		
Cruise Speed (SL-MCP)	289 km/h	156 kt
Rate of Climb (SL-TOP)	9.2 m/s	1,820 ft/min
Hover OGE	3,050 m	10,000 ft
Hover IGE	4,750 m	15,600 ft
Service Ceiling	4,880 m	16,000 ft
Maximum range ⁽²⁾	859 km	464 nm
Maximum endurance ⁽²⁾	4 h 31 min	

(1) Rotors turning
(2) at 5,000 ft, no reserve, 5-cell fuel system



COMFORT AND CABIN LAYOUT

The luxurious cabin can comfortably accommodate up to 6 passengers. The in-flight entertainment system allows passengers to enjoy different media on their cabin screens including following their flight on the moving map and sharing the same view as the pilot. Wide sliding doors on both sides and electrically retractable steps afford easy access, whilst the extended baggage compartment provides high capacity for personal luggage.



Corporate



Five Stars



Deluxe



Elite



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