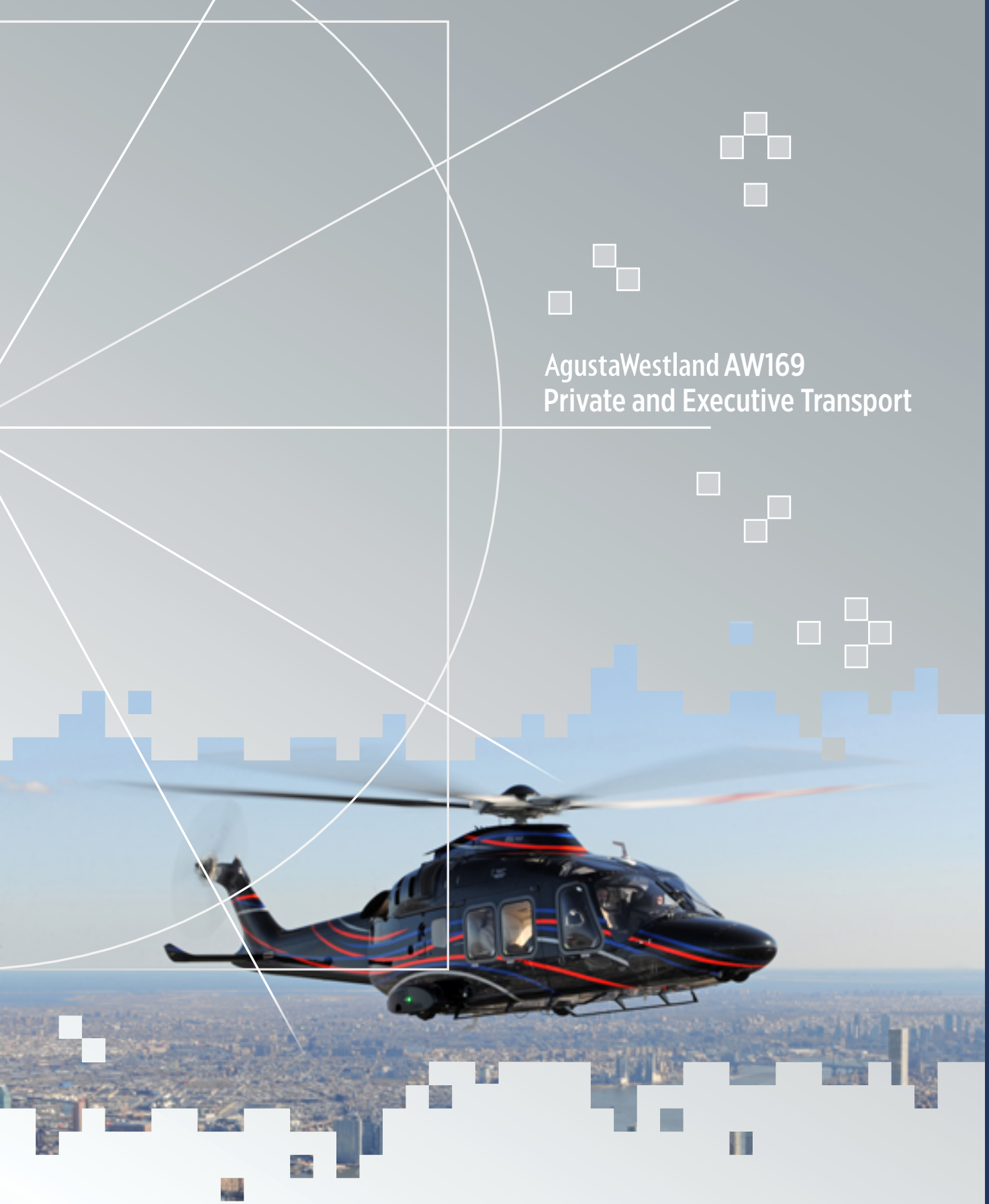
AgustaWestland AW169
Private and Executive Transport



LEONARDO
HELICOPTERS

Photo courtesy of Andrew Griffiths – Lensaloft Photography

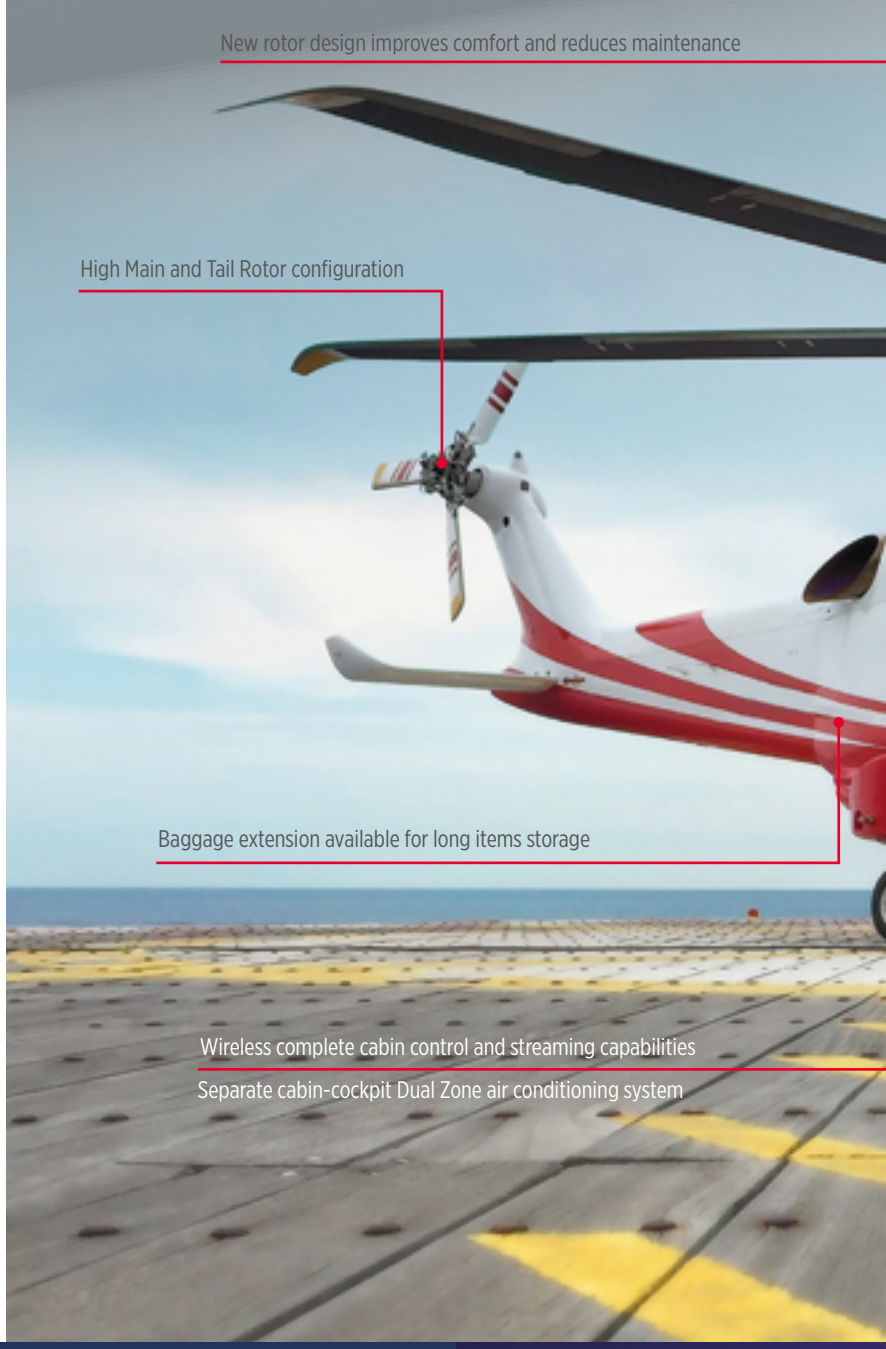

AW169
NEXT GENERATION VERSATILITY

IT'S ABOUT YOUR BUSINESS

The AW169 is Leonardo's brand new twin-engine helicopter. As a member of the AWFamily of aircraft (alongside the AW139 and AW189), the AW169 benefits from all of the signature features synonymous with this class-leading product range; elegance, style and sophistication, combined with unrivalled performance and safety.

The bright, quiet AW169 cabin provides passengers a luxurious interior; finished with the finest Italian craftsmanship and equipped with modern cabin control and audio visual entertainment systems.

Our Customer Support & Training Global Network provides AW169 operators a range of Service Plans and a state-of-the-art training capability, maximizing operational safety and availability.



SIMPLY AWESOME AND INSPIRING

The cockpit of the AW169 combines latest-generation avionics with unparalleled external visibility for maximum situational awareness.
The avionics suite includes a full digital glass cockpit with three 8" x 10" displays (AMLCD), touch screens, a 4-axis dual digital autopilot, which minimises pilots workload and provides single/dual pilot VFR/IFR capability. The avionics suite complies with the GNSS SBAS IFR navigation requirement (RNAV/RNP, vertical navigation and precision approach capability). It includes the Helicopter Terrain Avoidance and Warning System (HTAWS) and Synthetic Vision System (SVS) as standard equipment in all AW169.

SAFETY AT THE CENTRE

Leonardo Helicopters is committed to providing the highest levels of safety in the most challenging environments. Designed in accordance with the latest FAA/EASA Part 29 certification standards, the AW169 features a crash-resistant airframe, fuel system and seats, large windows for emergency egress and One engine inoperative (OEI) capability, even in challenging hot and high conditions. Safety on the ground is enhanced by the high clearance of the main and tail rotors. The auxiliary power unit (APU) mode ensures the continued operation of Electrical and Hydraulic systems.

Unmatched 33min dry-run transmission safety feature

The most modern avionics suite with touch screen displays

Impressive external visibility in all circumstances

The unique “APU mode” allows the cabin to be cooled or heated while waiting for its passengers

Higher cabin volume in its category

AW169 CHARACTERISTICS

Dimensions		
Overall length (1)	14.65 m	48 ft 01 in
Overall height (1)	4.50 m	14 ft 09 in
Cabin volume	6.30 m^3	222.50 ft^3
Baggage volume	1.40 m^3	49.44 ft^3
Capacity		
Crew/ Passengers	1 - 2 Typically 4 to 8 according to the configuration selected	
Propulsion		
Powerplant	2 x Pratt & Whitney Canada PW210A series turboshafts (1,000 shp class each) with dual channel digital FADEC system	
Weight (MTOW)		
Max Gross Weight	4,600 kg	10,141 lb
Optional Max Gross Weight (2)	4,800 kg	10,582 lb
Performance		
VNE (SL)	306 km/h	165 kt
Hovering IGE	> 4,400 m	> 14,500 ft
Hovering OGE	> 3,350 m	> 11,000 ft
Maximum range (3)	820 km	440 nm
Maximum endurance (3)	4 h 20 min	

(1) Rotors turning

(2) Available as a kit

(3) at 5,000 ft, no reserve, standard fuel system

Diamond

POWER BOARDROOM IN THE SKY

With decades of experience crafting tailored interiors, Leonardo Helicopters offers a dedicated professional design by providing a wide range of features and quality furnishings in the finest materials which will exceed your expectations.
The AW169 cabin is designed to relax or to conduct business comfortably and can be arranged in a variety of configurations, ranging from a luxurious five seat to a eight seat design. The spacious and opulent interior, easily accessible via an automatically deployed footstep, is designed for the ultimate flight experience.
The AW169 features a complete wireless cabin control & entertainment system: passengers can select different kind of media source and stream it on cabin monitor or personal devices.
The unique APU mode assures full functionality of all cabin devices and dual-zone environmental control system from the very moment you get on board, without engaging the rotors.

Pearl

Silver

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