

AW169

HELICOPTERS DIVISION

Private and Executive Transport



 **LEONARDO**


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.





Photo courtesy of Andrew Griffiths - Lensaloft Photography

SAFETY AT THE CENTRE

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.

ADVANCED AVIONICS

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.





PERFORMANCE (ISA, MGW)

MAX CRUISE SPEED (SL, MCP)

>268 km/h (>145 kt)

HIGE (TOP)

>5,085 m (>16,680 ft)

HOGE (TOP)

>4,060 m (>13,325 ft)

Maximum Range ⁽¹⁾

816 km (440 nm)

Maximum Endurance ⁽¹⁾

4hr 20min

⁽¹⁾ at 5,000 ft, no reserve

CAPABILITY BEYOND THE NORM

- › High Main and Tail Rotor architecture
- › New rotor design improves comfort and reduces maintenance
- › Unmatched 33 min 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
- › Highest cabin volume in its category
- › Wireless complete cabin control and streaming capabilities
- › Separated cabin-cockpit Dual Zone air conditioning system
- › Baggage extension available for long items storage.

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.



Diamond Interior



Pearl Interior



Silver Interior

6.3 m³

Cabin volume
(222.5 ft³)

Capacity

Crew 1 to 2

1.4 m³

Baggage volume
(49.44 ft³)

Passengers seating
4 to 8 according to the
configuration selected

AW169 CHARACTERISTICS

WEIGHT (MGW)

- › Max Gross Weight 4,600 kg (10,141 lb)
- › Increased Gross Weight ⁽¹⁾ 4,800 kg (10,582 lb)

PROPULSION

- › Powerplant: 2 x Pratt & Whitney Canada PW210A series turboshafts (1,000 shp class each) with dual channel digital FADEC system with FADEC

DIMENSIONS

- › Overall length ⁽²⁾ 14.65 m (48 ft 01 in)
- › Overall height ⁽²⁾ 4.50 m (14 ft 09 in)

⁽¹⁾ Available as a kit

⁽²⁾ Rotors turning



Leonardo Helicopters is making significant changes to the provision of its Customer Support and Training services. Leonardo Helicopters has launched a companywide “TeamUp” initiative spanning the entire breadth of the Support and Training delivery activity.



SUPPORT SOLUTIONS

The Leonardo Helicopters Customer Support & Training worldwide network delivers an extensive range of support solutions that are tailored to meet the Customers’ unique requirements ranging from routine spares & repairs, component availability solutions and frontline manpower support through to fully Integrated Operational Support solutions.

OUR MOBILE APPS - STAY TUNED!



AW TeamUP



AW Training



Heliwise



Skyflight Mobile

TRAINING SOLUTIONS

Leonardo Helicopters designs, develops and delivers integrated training solutions and services for our helicopters in the live and virtual training domains, from type conversion through to full operational and mission capability.

ADVANCED SERVICES

Leonardo Helicopters continues to focus and improve the Customer’s experience, leveraging on innovation and latest technology, to deliver the best services and solutions in its class. Skyflight Mobile and Heliwise represent our key advanced services, which provide Customers with cutting-edge solutions to perform flight planning activities and HUMS data analysis.



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