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Leonardo-Finmeccanica: AW189

The all new AgustaWestland AW189 8.3/8.6 tonne was launched in June 2011 in response to the growing market demand for a modern technology long range helicopter in the all new 'super-medium' class for offshore and SAR missions. The AW189 meets the very latest international regulatory safety requirements (EASA / FAA Part 29, JAR OPS 3 / EU-OPS). State-of-the-art avionics to fly in any condition, modular and tailored solutions ensuring the best operational flexibility, high cruise speed and unmatched capacity in its class assure an excellent mission accomplishment capability for executive/private transport, EMS, SAR, offshore transport, coastal patrol and government purposes.

The spacious cabin is configured with 16 seats as standard with the option for a high density 19 seat layout or an ultra-long range 12 seat configuration. The cockpit design, incorporating the latest in advanced situational awareness technologies, reduces crew workload and enhances safety. The aircraft has a unique 50-minute "run dry" capable main gearbox, 20-minutes more than any other currently certified helicopter delivering ever increasing levels of safety and reliability. Its distinctive characteristics in terms of advanced technology, performance and cabin space and a widespread selection of both interiors and equipment solutions make it a suitable platform for a multitude of roles.

The SAR variant of the AW189 is unmatched in its class in terms of performance, range and endurance. The AW189 has a maximum cruise speed of 155 knots (287 km/h) and with the increased fuel capacity has an endurance of 5 hours 40 minutes or a maximum range of 600 nm (1,111 km). The 11.2 m³ (395 ft³) reconfigurable cabin can accommodate two stretchers and six seated survivors alongside the two rear crew with easy access via the aircraft large sliding doors. Additionally the large baggage compartment can be accessed from the cabin and used to store equipment.

The AW189 is part of the family of new generation helicopters that includes the AW169 and AW139 models, which possess the same high performance flight characteristics and safety features as well as sharing a common cockpit layout, design philosophy and maintenance concept. This commonality will allow more effective operations for customers operating helicopter fleets across the 4 to 9 tonne weight categories.

A wide spectrum of advanced support and training solutions, also including latest generation HUMS (Health Usage and Monitoring System) and Level D Full Flight Simulator, are available to AW189 operators to maximize operational effectiveness and safety.

The AW189 has found rapid market success with many of the major offshore and large fleet operators and has secured more than 150 agreements including firm orders, framework contracts and options, making it the best-selling helicopter in its class. Approximately 30 units have been delivered to date to customers in Europe, Australasia and the Middle East.