PERFORMING WORLDWIDE

The AW139 is the market-leading intermediate twin-engine helicopter.

Ideally suited to demanding Offshore missions, with superior speed, range and single engine capability together with excellent handling characteristics.

Compliant with the most stringent industry guidelines the AW139 is capable of carrying up to 15 passengers in comfort and safety.

AW139 is the flagship of the AgustaWestland ‘Family’ of products (with AW169 and AW189), providing mixed-fleet operators the advantage of a common design-philosophy across platforms.
SUPERIOR PERFORMANCE IN ALL CONDITIONS

The AW139 provides Offshore operators best-in-class performance with a cruise speed of 165 knots / 306 kph, a max range of 675 nm / 1250 km, endurance up to 6 hours and superior Hover performance. The AW139’s exceptional OEI capability brings added confidence during rapid deployment of personnel. With its power reserve, the AW139 assures Category “A” (Class 1) superior performance from a helipad (elevated or at ground level) at maximum take-off weight. Excellent performance is granted for operations worldwide, even in extreme hot-and-high environments or harsh conditions. Full Ice Protection System (FIPS) is available for flying in known ice conditions.

NEW TECHNOLOGY FOR OPTIMUM CAPABILITY

State-of-the-art avionics and large displays, together with the 4-axis digital autopilot with hover mode and full digital electronic engine control (FADEC) minimise pilot workload and optimise operational efficiency. The AW139’s ergonomic design, excellent handling characteristics and low vibration levels minimise pilot fatigue and enhance passenger comfort.

SAFETY BUILT-IN

Engineered to the highest safety standards the AW139 is constructed with energy-absorbing landing gear, fuselage and seats to meet the rigorous JAR / FAR 29 standards. In addition, the cockpit features excellent pilot visibility and redundant flight systems for reduced workload. Modern Health Usage Monitoring Systems (HUMS) diagnostic tools are available to maximise aircraft safety and minimise time on the ground. High main and tail rotor ground clearance ensures a safe environment for ground operations and maintenance crew.

LARGEST CABIN IN ITS CLASS

AW139’s large, brightly lit, versatile cabin (8 m³ / 283 ft³) can be configured in a variety of layouts, with accommodation for up to 15 passengers (dependent on specific operator requirements) with large sliding doors for ease of entry / egress. An additional 3.4 m³ / 120 ft³ baggage compartment space is accessible from outside the helicopter.

<table>
<thead>
<tr>
<th>Cabin length</th>
<th>2.70 m</th>
<th>8 ft 10 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabin width</td>
<td>2.10 m</td>
<td>6 ft 11 in</td>
</tr>
<tr>
<td>Cabin height</td>
<td>1.42 m</td>
<td>4 ft 8 in</td>
</tr>
</tbody>
</table>
AW139 OFFSHORE CHARACTERISTICS

Dimensions
Overall length (1) 16.66 m 54 ft 8 in
Overall height (1) 4.98 m 16 ft 4 in
Rotor diameter 13.8 m 45 ft 3 in

Propulsion
Powerplant (2) Pratt & Witney PT6C-67C Turboshafts with FADEC
Engine Ratings
AEO Take off power 2 x 1,252 kW 2 x 1,679 shp
OEI 2.5 min contingency power 1,396 kW 1,872 shp

Weights (MTOW)
Max ramp weight 6,450 kg 14,219 lb
Internal load (2) 6,400/6,800 kg 14,991 lb
External Load 6,800 kg 14,991 lb
Typical mission equipped weight 4,400 kg 9,700 lb

Capacity
Crew 1-2
Passenger seating Up to 15
Stretchers 4 stretchers (up to 5 attendants)
Baggage compartment 3.4 m³ 120 ft³

Performance (ISA, S.L., MTOW)
VNE (IAS) 310 km/h 167 kt
Cruise Speed 306 km/h 165 kt
Max Rate of Climb 10.9 m/s 2140 ft/min
HOGE 2,478 m 8,130 ft
Service Ceiling 6,096 m 20,000 ft
OEI service ceiling 3,536 m 11,600 ft
VTOL cat. A 945 m 3,100 ft
Maximum range (3) 1,250 km 675 nm
Maximum endurance (3) 5 h 56 min

(1) Rotors turning
(2) An optional MTOW (internal) of 7,000 kg (15,430 lb) is available as a kit
(3) At 6,000 ft; No reserve, with Auxiliary fuel