

Executive Transport

AW139



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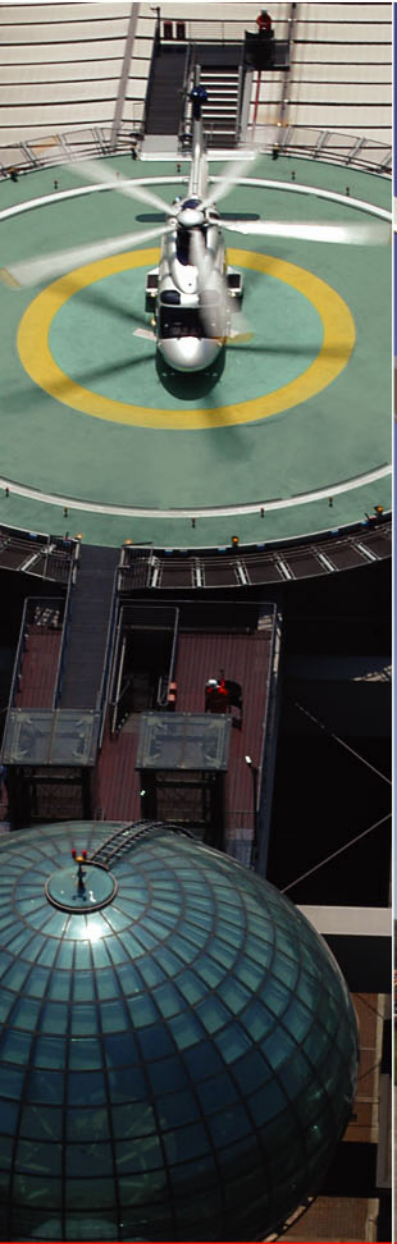
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MORE THAN A NEW AIRCRAFT



SUPERIOR PERFORMANCE
IN ANY CONDITION



ADVANCED TECHNOLOGY



SAFETY IS BUILT IN



MORE ROOM TO WORK



WORLDWIDE SUPPORT

MORE BUSINESS THAN USUAL

- The new benchmark for executive helicopters
- Engineered to the highest safety standards
- Superior performance in any condition
- The largest passenger cabin in its class

MORE BUSINESS THAN USUAL

MORE THAN A NEW AIRCRAFT

The AW139 is the new benchmark for executive helicopters. Designed to meet the rigorous standards of those who demand the best, the AW139 surpasses all other medium twin-engine helicopters in capability, speed, ride quality and passenger cabin space. From its sleek design to its state-of-the-art avionics to its luxurious accommodation and low noise signature, the AW139 is setting new standards. It's the ultimate expression of power and performance, with style.

SUPERIOR PERFORMANCE IN ANY CONDITION

The AW139 delivers best-in-class performance with a cruise speed of 165 knots/306 kph, a range in excess of 500 nm/927 km, endurance of 5 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.

ADVANCED TECHNOLOGY

State-of-the-art avionics and large displays work together with the 4-axis digital autopilot with auto hover and full digital electronic engine control (FADEC) to minimise pilot workload. The AW139's ergonomic design, excellent handling characteristics and low vibration levels further reduce pilot fatigue and enhance VIP comfort.

SAFETY IS BUILT-IN

Engineered to the highest safety standards the AW139 is constructed with energy-absorbing landing gear, fuselage and seats all designed to meet the rigorous JAR/FAR 29 standards. In addition, the cockpit features excellent pilot visibility and redundant flight systems. High main and tail-rotor ground clearance provides added safety for VIP's and maintenance teams whilst on the ground.



THE EXECUTIVE OFFICE

MORE ROOM TO WORK

With the largest passenger cabin in its class the AW139 can accommodate its passengers in a spacious, comfortable and quiet environment. The unobstructed cabin design allows maximum flexibility for seating configurations whilst providing its passengers with excellent visibility through the six large cabin windows. Ample room is available for accessories such as telecommunications, work areas, refreshments and stowage space.

The baggage compartment, with an additional 3.4 cubic metres/120 cubic feet, is easily accessible from both inside the passenger compartment and outside the helicopter.

Cabin length	2.70 m	8.86 ft
Cabin width	2.10 m	6.89 ft
Cabin height	1.42 m	4.66 ft



- High tail rotor ground clearance
- 4 Blade canted tail rotor
- Ice detection & protection (optional)
- 5 Blade fully articulated main rotor system
- Large unobstructed cabin
- Excellent visibility
- Day/night IFR all weather operations
- Crashworthy crew/passenger seats
- Two large "Plug in" type sliding doors (5.5 ft/1.68 m wide)
- Large baggage compartment accessible from the cabin and externally from both sides

GUARANTEED SUPERIOR VIP PRODUCTIVITY AND CAPABILITY

- Superior OEI capability for safe operations from sea-level up to 11,600 ft
- Maximised all weather operation
- Performance for operations in confined /congested areas (CAT A/Class 1 at MTOW)
- High useful load and high speed for increased productivity
- Spacious and bright cabin for added space, comfort and flexibility
- Ease of access and egress
- Low operating costs - modern equipment optimises TBO & retirement lives
- Low noise signature, >5db below ICAO requirements making it the “city friendly” helicopter
- Next generation safety, design, construction, operability and crashworthiness

AW139 TYPICAL VIP EQUIPMENT

- Single/Dual Pilot IFR Package
- HUMS
- EPGWS
- Flotation system
- Air conditioning
- TCAS
- CVR/FDR
- Weather Radar
- HEELS
- Four axis auto pilot
- Moving Map
- VIP layouts meeting customer needs
- In-flight entertainment (IFE)

WORLDWIDE SUPPORT

As the newest arrival to the AgustaWestland product range the AW139 benefits from an extensive global network of customer representatives, technicians and engineers, complemented by repair, overhaul and spares facilities throughout the world. A Level-D full flight simulator will maximise pilots training and will contribute to safety.

AW139 CHARACTERISTICS

(The AW139 is a rebranding of the AB139 which is type certificated by EASA, as the primary certification authority, under Type Certificate no. R006)

DIMENSIONS

Length overall*	16.66 m	54.66 ft
Overall height*	4.98 m	16.36 ft
Rotor diameter	13.8 m	45.28 ft

PROPULSION

Powerplant	(2) Pratt & Whitney PT6C-67C Turboshafts with FADEC	
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ENGINE RATING

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

WEIGHT

MTOW	6,400 kg	14,110 lb
Typical equipped weight in corporate configuration	4,200 kg	9,334 lb
Internal Load ⁽¹⁾	6,400/6,800 kg	14,110/14,991 lb
External Load	6,800 kg	14,991 kg

CAPACITY

Flight crew	1 - 2
Passenger seating	Up to 15; typically 6 - 8 in corporate configuration
Baggage compartment	3.4 cu m 120 cu ft

*Rotors turning
⁽¹⁾ 6,800 kg MTOW with the application of "Increased Gross Weight Kit" - Suppl. 50 of RFM

PERFORMANCE (ISA, S.L., MGW)

VNE	310 km/hr	167 kt
Cruise speed	306 km/hr	165 kt
Rate of climb	10.9 m/s	2,140 ft/min
HOGF	2,478 m	8,130 ft
Service ceiling	6,096 m	20,000 ft
O.E.I. service ceiling	3,535 m	11,600 ft
VTOL cat. A	945 m	3,100 ft
Maximum range* (no reserve)	1,061 km	573 nm
Maximum endurance* (no reserve)	5 hrs 12 min	

*With auxiliary fuel, at 2000 ft

