

# AW139

HELICOPTERS DIVISION

## Energy Services



 **LEONARDO**

  
**AW139**

**SIMPLY NO RIVALS**

## **EXTENDING THE REACH**

The AW139 is the market-leading intermediate twin-engine helicopter. This versatile platform is ideally suited to demanding offshore missions thanks to its superior payload, range, speed 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.

The AW139 belongs to the AWFAMILY of products (with AW169 and AW189). All AWFAMILY helicopters possess the same high performance flight characteristics and safety features and share a common design philosophy and cockpit Human-Machine Interface. This approach delivers operators real cost savings in areas such as training, maintenance and support.





## **SAFETY: THE CENTRAL PILLAR**

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. The best-in-class power reserve provides excellent Category A Class 1 performance capabilities in a wide range of operating conditions. The Full Ice Protection System (FIPS) and the Limited Ice Protection System (LIPS) are both available as options. The AW139 is able to reach offshore Oil and Gas and Wind turbine platforms quickly and safely, ensuring maximum operational productivity and efficiency.

## **ADVANCED AVIONICS**

State-of-the-art avionics and large displays integrating 3D Smart View System (SVS), Enhanced Ground Proximity Warning System (EGPWS), together with the 4-axis digital autopilot and Offshore custom approaches 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.





## PERFORMANCE (ISA, MGW)

### Max Cruise Speed (SL, MCP)

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306 km/h (165 kt)

### HIGE (TOP)

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4,682 m (15,360 ft)

### HOGE (TOP)

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2,478 m (8,130 ft)

### Maximum Range (SL)<sup>(1)</sup>

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1,061 km (573 nm)

### Maximum Endurance (SL)<sup>(1)</sup>

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5 hr 13 min

<sup>(1)</sup> with auxiliary fuel - no reserve

## CAPABILITY BEYOND THE NORM

- › Enhanced Payload/Range - capability; auxiliary tank available to further extend range
- › Maximised all weather operation, with capability to fly into known ice conditions
- › Helideck CAT A performance at 7000 kg Increased Gross Weight
- › Spacious and bright cabin
- › Ease of access and egress
- › Low operating costs
- › Modern equipment optimises TBO and Retirement Lives
- › High useful load and high speed for increased productivity
- › Next generation Safety - design, construction, operability and crashworthiness.



## MORE ROOM TO WORK

The wide and versatile cabin can be configured to accommodate up to 15 passengers and can be quickly reconfigured for Medical Evacuation (MEDEVAC) with dedicated EMS self-contained equipment. The large sliding doors allow easy, quick entry and egress both on helideck and during winch operations. An additional wide baggage compartment space is accessible from both side of the helicopter.



**8 m<sup>3</sup>**

Cabin volume (283 ft<sup>3</sup>)

**3.4 m<sup>3</sup>**

Baggage volume (120 ft<sup>3</sup>)

## Capacity

Crew 1 to 2

Passengers seating  
up to 15

## AW139 CHARACTERISTICS

### WEIGHT (MGW)

- › Max Gross Weight 6,400 kg (14,110 lb)
- › Increased Gross Weight <sup>(1)</sup> 6,800/7,000 kg (14,991/15,430 lb)

### PROPULSION

- › Powerplant: 2 x Pratt & Whitney PT6C-67C Turboshafts with FADEC

### DIMENSIONS

- › Overall length <sup>(2)</sup> 16.66 m (54 ft 08 in)
- › Overall height <sup>(2)</sup> 4.98 m (16 ft 04 in)
- › Rotor diameter 13.8 m (45 ft 03 in)

<sup>(1)</sup> Available as a kit

<sup>(2)</sup> 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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