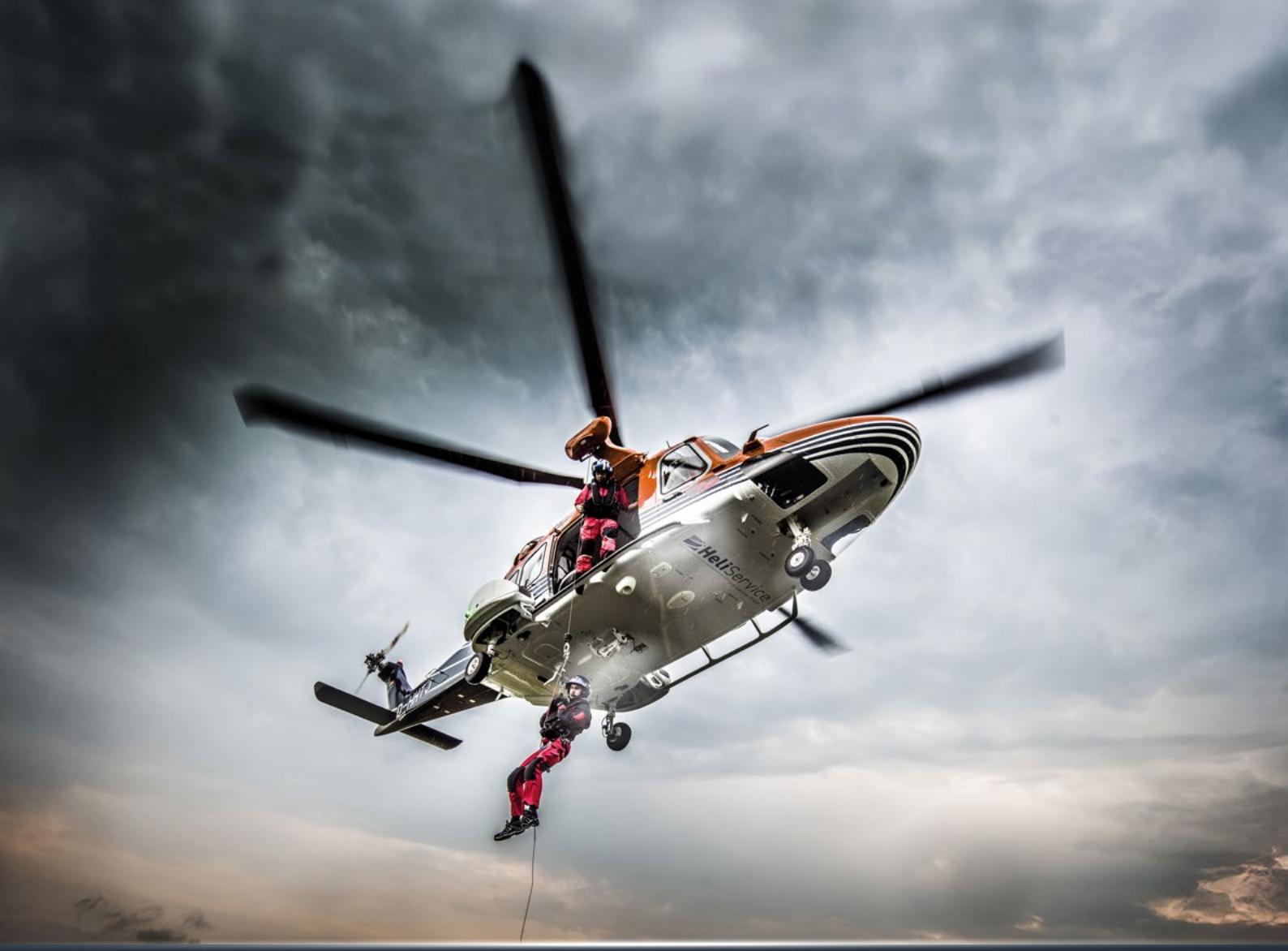


LEONARDO HELICOPTERS

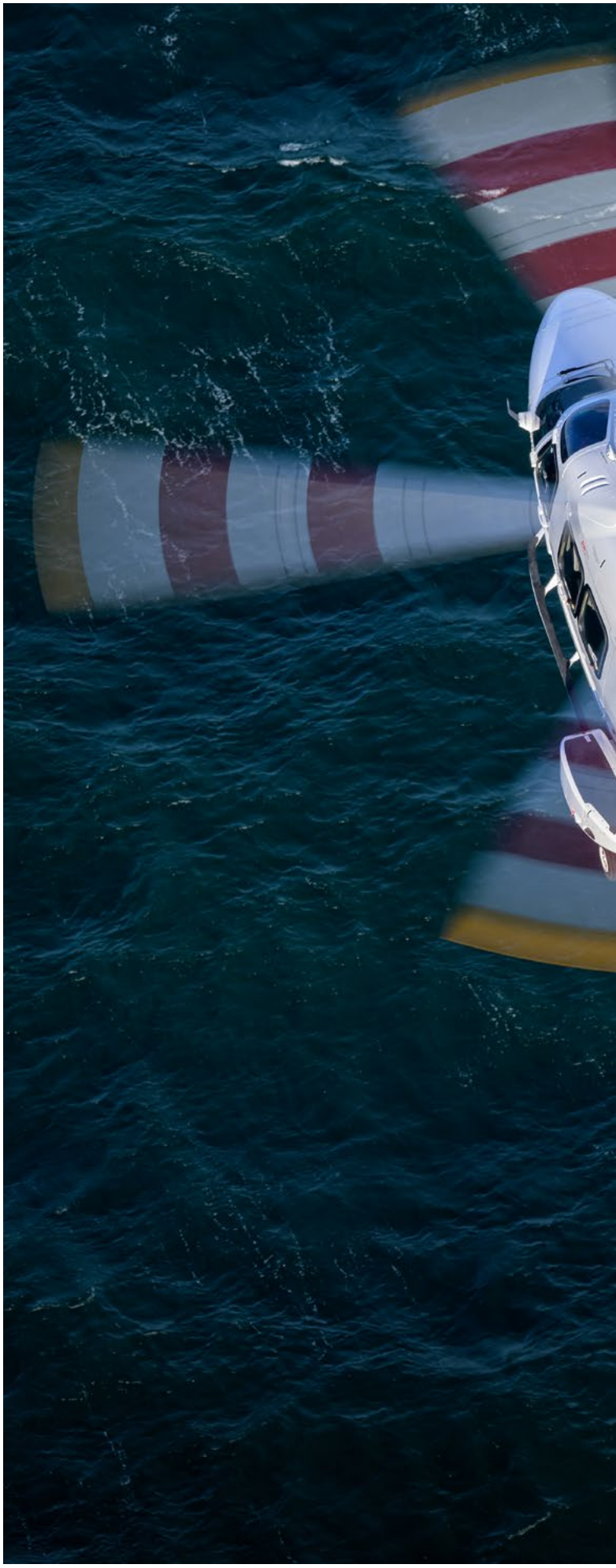
AW169

ENERGY SERVICES

LEONARDO

AW169

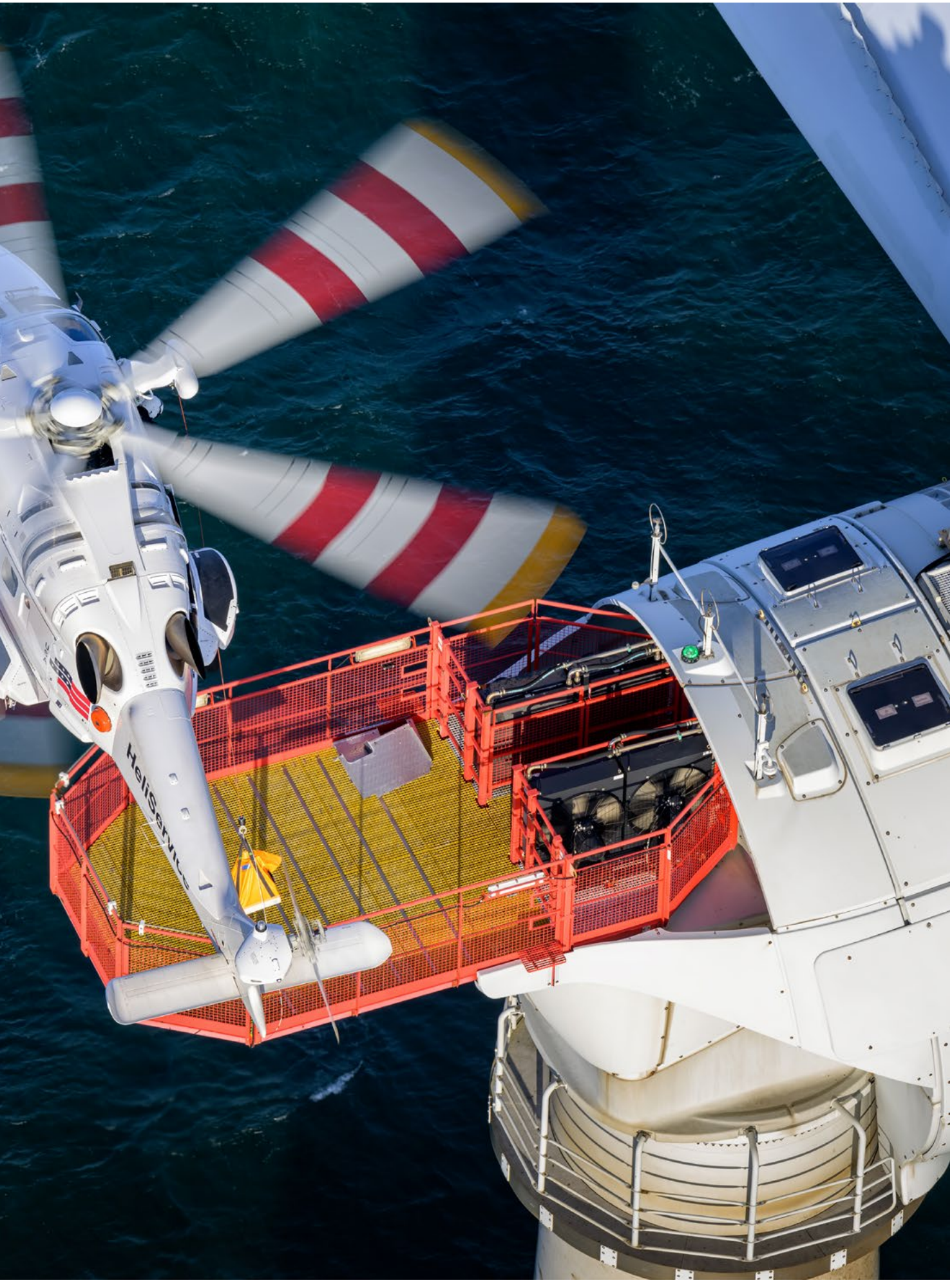
NEXT GENERATION VERSATILITY



THE WIND AND PORT GUARDIAN

The AW169 is the latest-generation 4.8 tonne class helicopter belonging to the AWFamily of products (together with AW139 and AW189). The combination of safety, performance and cabin flexibility, makes the AW169 perfectly suited for Offshore-Wind operations. In particular, its best-in-class performances in case of One Engine Inoperatinve (OEI) conditions allow the AW169 to be the optimal choice in the Wind-Energy market.

With its leading edge open architecture avionics, the AW169 features latest Performance Based Navigation standards - such as RNP 0.3 in all phases of flight, including Authorization Required (AR) approach LPV. The AW169 has been designed to comply with most rigorous EASA / FAA certification standards, qualifying the aircraft also to the most stringent industry guidelines, such as the International Association of Oil&Gas Producers (IOGP) and the Wind Farm Recommended Practice (WinRep).


HeliServices

DESIGNED AROUND SAFETY

The AW169 meets the most stringent regulatory and operating safety standards (EASA & FAA), such as structural crashworthiness integral to the design of the airframe, fuel system and seats, including also full certification for bird strike resistance.

The helicopter, by design, incorporates features aimed to maximize safety, such as a unique-in-class fully tested and exploitable 33 min 'run-dry' capability for the main gearbox, seats aligned to large push-out windows (exceeding Type IV) to maximize egress speed and a floatation system certified for ditching up to sea state 6 with automatic inflation and external life rafts positioned for rapid access from both inside and outside the cabin in case of capsize.

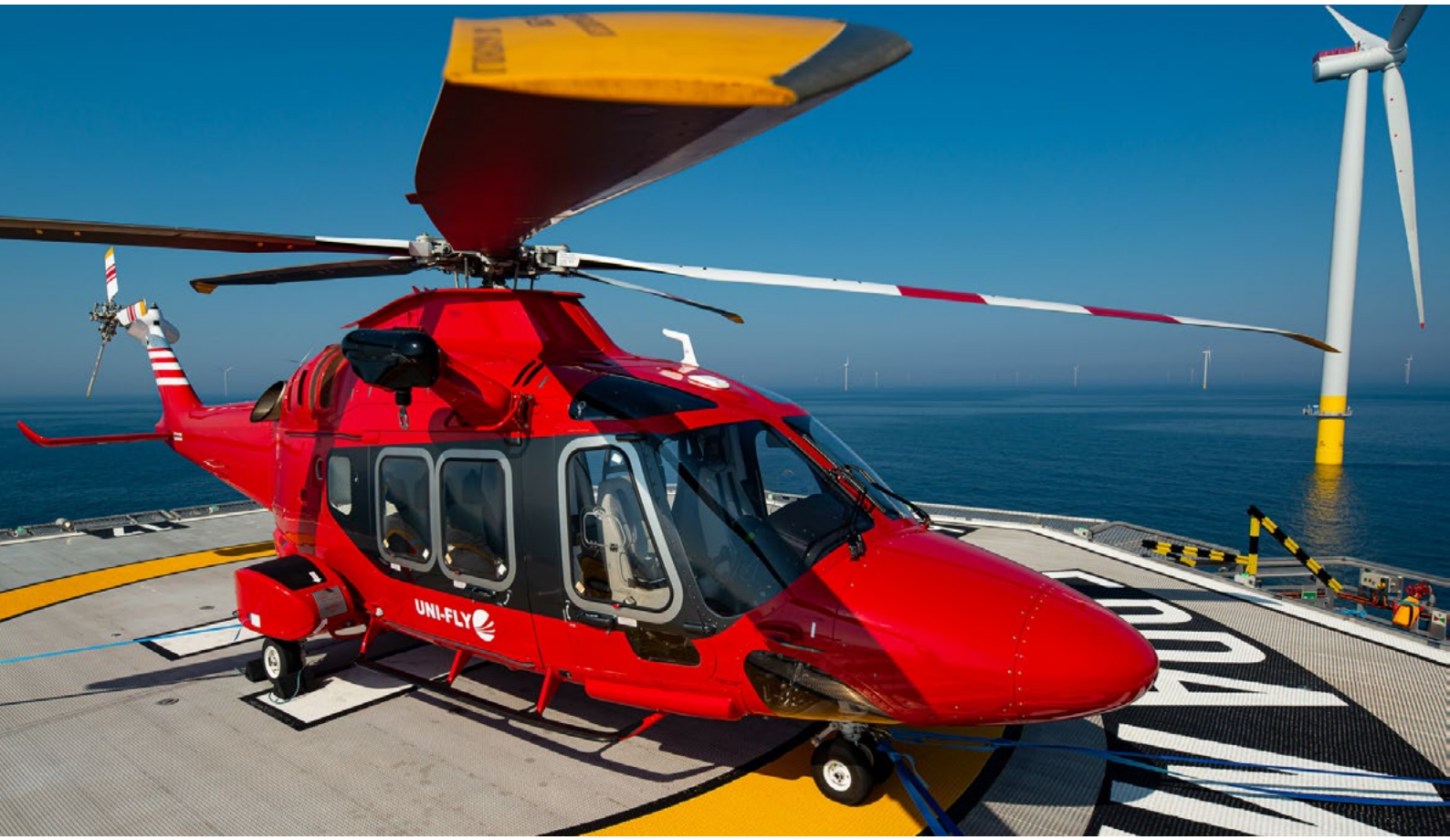
Its full glass cockpit design, including latest generation advanced situational awareness technologies (HTAWS with dedicated offshore modes according to CAA CAP 1519, TCAS II, ADS-B Out), helps reducing the crew workload.
Taking also advantage of considerable One Engine Inoperative (OEI), granting up to 2 minutes 30 seconds at maximum engine rating and providing no height loss also during hoisting operations, the AW169 is the helicopter of choice for Wind-Energy operations.

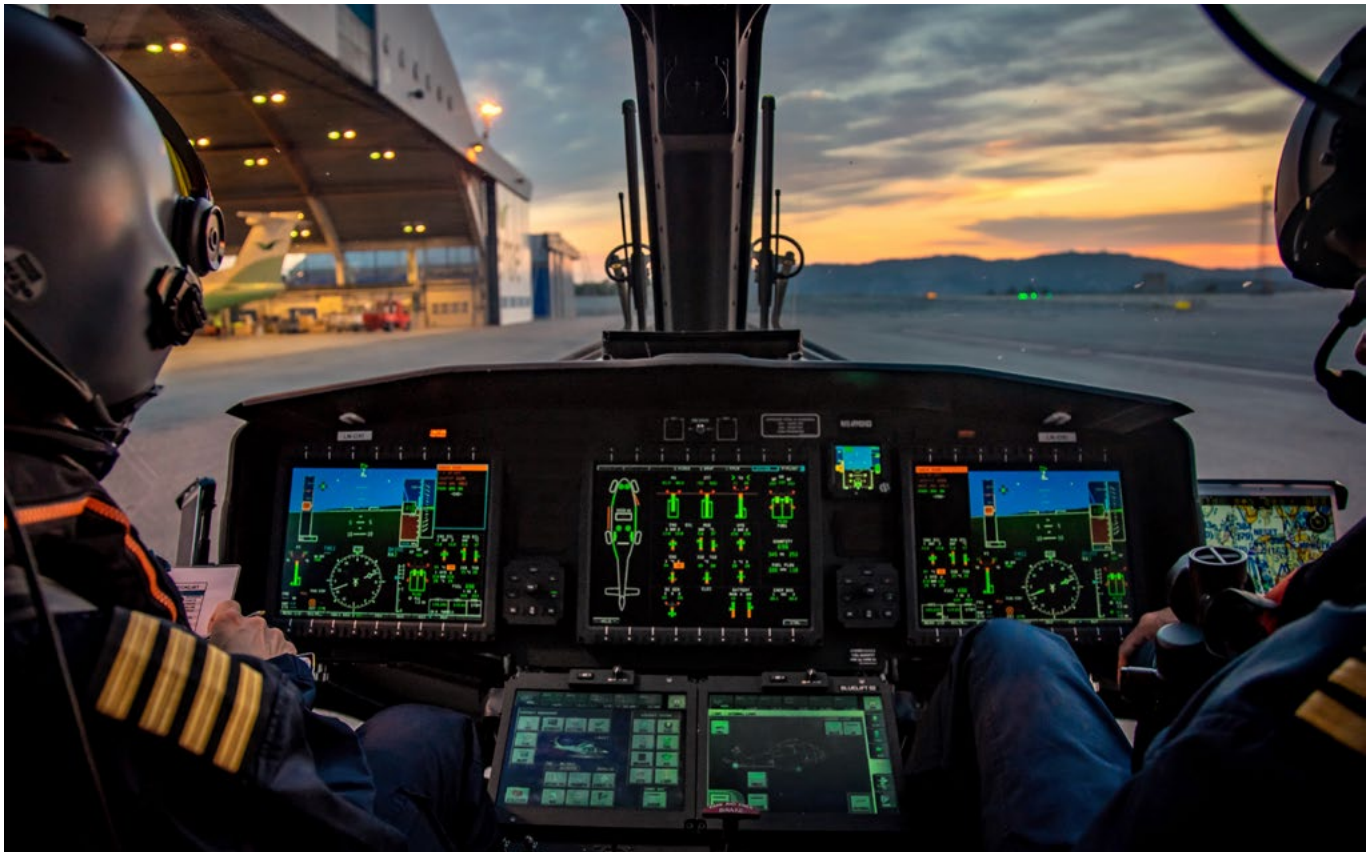
READY FOR MISSION

Typical Offshore-Wind mission completion comprises:

- 7 Individual crashworthy seats with separate four points safety belts
- Environmental Control System -Air Conditioning
- Integrated life rafts and floatation system -certified up to sea state 6
- Helicopter Emergency Exit Light System (HEELS)
- External Hoist sytem
- ADELT
- Weather Radar.

Further available options comprise a wide range of communication systems (HF VHF/FM, SATCOM with flight following), searchlight, direction finder, cargo hook system.





CAPABILITY BEYOND THE NORM

- **Superior performance in CAT A PC 1 operations**
- **Spacious and bright cabin**
- **Ease of access and egress**
- **Unique “APU mode” technology to provide electrical and hydraulic power with rotors stopped**
- **High ground clearance of main and tail rotors for unmatched safety level during the boarding phase**

PERFORMANCE

MAX CRUISE SPEED (ISA, 5,000 FT, MGW)
267 km/h (144 kt)

HOGE CEILING (ISA, MGW, TOP)
4,075 m (13,368 ft)

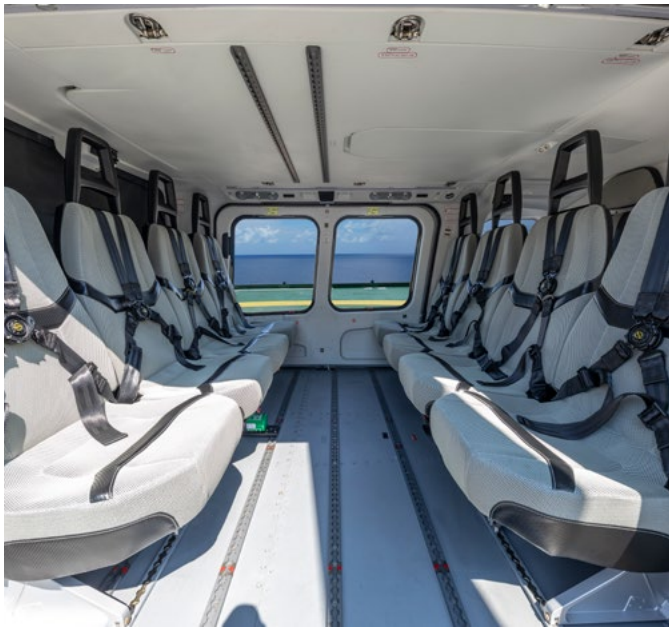
HIGE CEILING (ISA, MGW, TOP)
4,572 m (15,000 ft)

MAX RANGE (ISA, 5,000 FT, MGW)
785 km (424 NM)

MAX ENDURANCE (ISA, 5,000 FT, MGW)
4 h 14 min

A FLEXIBLE CABIN SPACE

The AW169 boasts the largest cabin in its class, offering specific tailored interior configurations for Wind Turbine Generator maintenance or Harbour Pilot Shuttle (HPS) operations with up to 7 passengers seating, large sliding doors that ease hoisting operations as well as passenger entry and exit, and a versatile interior that can be quickly reconfigured from passenger transport to Emergency Response with the installation of up to 2 stretchers and a medical rack. It also provides a wide range of internal layout options, including a high-density configuration accommodating up to 10 passengers in the cabin, as well as seat rows aligned with emergency exits windows, with a 8 passenger internal layout in full compliancy with latest airworthiness requirements and most stringent industry guideline.



CABIN VOLUME

6.30 m³ (222.5 ft³)

BAGGAGE VOLUME

1.40 m³ (49.44 ft³)

CAPACITY

Crew 1 to 2 Passengers seating up to 10

AW169 CHARACTERISTICS

Weights (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 PW210A1 Turboshafts with FADEC

Dimensions

Overall length [2]	14.65 m	48 ft 01 in
Overall height [2]	4.50 m	14 ft 09 in
Rotor diameter	12.12 m	39 ft 09 in

[1] *Available as a kit*

[2] *Rotors turning*

Leonardo Helicopters' Customer Support & Training team delivers efficient logistics and maintenance to boost helicopter availability and reduce lifecycle costs.
Our 24/7 global network ensures reliable support for operators worldwide. Through Training Academies and a global network, we offer tailored programs for flight crews, operators, ground staff and maintainers, providing optimized after-sales support and solutions.

SUPPORT SOLUTIONS

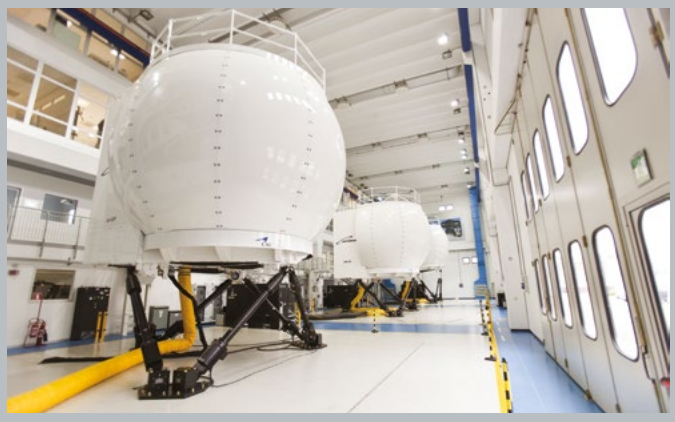
Leonardo Helicopters provides global, continuous support through an extensive MR&O network and field service reps at both our facilities and customer sites.
Our flexible Service Plans are tailored to meet specific needs, covering components, labor, and fixed-cost-perflight-hour options with guaranteed service levels.
The 24/7 Fleet Operations Centre (FOC) offers technical and logistical support for fleets worldwide.
Customers can access a full range of services, from spare parts and repairs to maintenance and advanced solutions, either individually or through integrated support.
We ensure comprehensive material logistics and helicopter availability

TRAINING & SIMULATION SOLUTIONS

We provide a comprehensive training system with advanced synthetic training devices and a variety of courses for aircrew, rear crew and ground crew. Customers benefit from a 360° program combining live and virtual classrooms, practical training, in-flight activities, and inhouse devices, guided by expert instructors.
Using AI for real-time data analysis, we offer personalized, adaptive learning paths that improve students ability to handle diverse scenarios. Our expanding simulation capabilities include in-house developed devices like MITHOS, for realistic hoist operations, which is now connected with Full Flight Simulators (FFS) so that pilot and hoist operator can conduct mission training together, communicating and coordinating actions as if they are operating the same helicopter.

DIGITAL SERVICES

We rely on flight data analysis, mission support and maintenance predictability as key elements of our strategy to develop value-added services for customers. The company offers a wide range of digital services to support the global fleet, including real-time technical assistance, distance learning, Health Usage Monitoring Systems (HUMS) and customized "turn-key" solutions.



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