



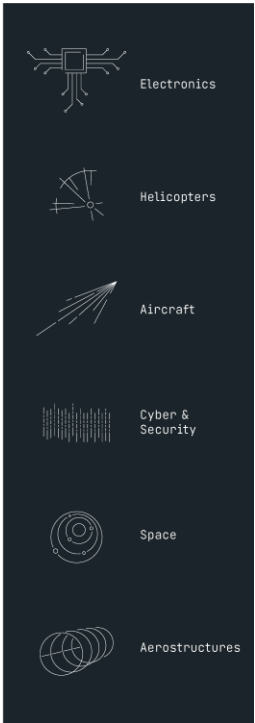
Leonardo Helicopters

**Innovation and Technologies in Humanitarian Aviation /
Capacity Building and Improving Safety**

16th Global Humanitarian Aviation Conference



Doha
October 29th 2024



SUMMARY

- LEONARDO HELICOPTERS INTRODUCTION
- AW139 & AW189 FEATURES & CAPABILITIES TO SERVE WFP HUMANITARIAN OPERATIONS
- TECHNOLOGIES TO EXPAND HELICOPTER CAPABILITIES
- RWUAS CAPABILITIES TO SERVE WFP HUMANITARIAN OPERATIONS
- DIGITAL SERVICES AND DIAGNOSTIC
- SUSTAINABILITY



LEONARDO HELICOPTERS GOAL

To be at the forefront of vertical lift solutions for the benefit of our customers and society.

Providing advanced end-to-end capability
Enabling customers to best meet every mission

Innovating with purpose
Delivering safer, smarter and more sustainable vertical lift solutions

Being a trusted, long-term partner
Fully engaging our employees and suppliers – always there for our customers

A Leonardo helicopter, likely a Sikorski UH-60 Black Hawk, is shown in flight against a blue sky. It is equipped with a rescue hoist, and a person in a red rescue suit is visible hanging from the hoist. The helicopter has red and white markings.

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LEONARDO HELICOPTERS, COMPANY OVERVIEW

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PARTNER OF CHOICE

We are proud to be selected by customers across the civil, parapublic and defence sectors worldwide.

1,500
Customers

4,550+
Leonardo helicopters in service

150+
Countries around the globe

A close-up view of a helicopter cockpit at night. The pilot is wearing a helmet and is looking out the window. The cockpit is illuminated with various lights, and the instrument panel shows multiple digital displays with green and red readouts. The view outside the window shows a city at night with lights reflecting on water.

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LEONARDO HELICOPTERS, COMPANY OVERVIEW

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AW139 & AW189 DISTINCTIVE FEATURES FOR UN WFP OPERATIONS

- High useful load / payload for passengers/troops, materials and mission equipment
- Effective Utility operations, thanks to high-capacity cargo hook equipment
- Large and regular cabin, dedicated baggage compartment
- Wide sliding cabin doors, for easy ingress/egress of personnel, stretchers, equipment, goods
- Compact external dimensions, to operate also in confined areas
- Proven capability to operate on unprepared / soft surfaces
- True multirole / multi-mission flexibility and versatility
- Maximum safety for crew and passengers
- Glass cockpit, enhancing crew safety and situational awareness
- VFR/IFR / NVG capability for overnight / low visibility missions
- Excellent Hot & High performance, unrivalled speed



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AW139 & AW189 CAPABILITIES TO SERVE HUMANITARIAN OPERATIONS





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TECHNOLOGIES TO EXPAND HELICOPTER CAPABILITIES



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PERFORMANCE

BRAIN

= EFFECTIVENESS



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RWUAS CAPABILITIES TO SERVE HUMANITARIAN OPERATIONS

PROTEUS
TECHNOLOGY DEMONSTRATOR





Weight Class

3000 kg



Modular Payload Bay

1000 kg+



Roadmap to

Full Autonomy



Reduced Costs & Risk

Common platform Architecture



Range and Endurance

6 hrs Endurance
500 nm+

A collaborative programme between Leonardo and UK MOD to deliver a c3t technology demonstrator known as ‘PROTEUS’, designed to prove capability of large VTOL UAS whilst developing technologies in autonomy and payload modularity.

MODULARITY



- Designed for Modularity with a Large Modular Payload Bay
- Ability to contain 2 Standard Nato Pallets within Payload
- Plug and Play development philosophy for customer specific payload integration
- Maximum re-roleability from a singular organic platform



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ALWAYS THERE FOR OUR CUSTOMERS

Our commitment is to ensure customers fly safely, reliably and efficiently with the backing of a worldwide support and training network.

Operational Support

24/7 Fleet Operation Centre

Engineering Services

Continuous support to maintenance and Operational activities

End-to-end Training capabilities

Constantly evolving live and synthetic solutions

Data Driven Helicopter Journey

Smart use of data to optimise operations



110+

Service and Repair Centres

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Training Academies

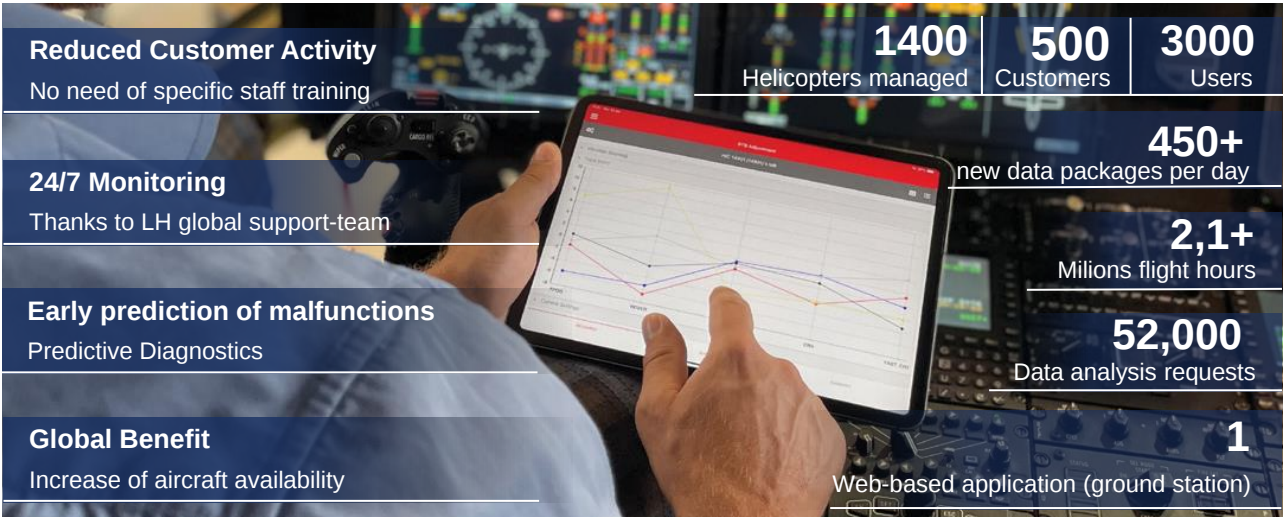
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Integrated Diagnostic Service Towers



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DIAGNOSTIC TECHNICAL SUPPORT - HUMS SUPPORT SERVICE



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CONTRIBUTING TO AMBITIOUS CLIMATE TARGETS

Thanks to More Efficient Technology and Sustainable Supply Chain



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THANK **YOU**
FOR YOUR ATTENTION

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