



Leonardo Helicopters

AW139 WORKSHOP

LEONARDO HELICOPTERS
ENERGY SEMINAR 2025

NEW YORK, USA | 8-10 OCTOBER 2025

AW139

BRIEFING



TRUSTWORTHY ENERGY
BACKBONE

Continuously Improved towards Demanding Energy Market Expectations

HSE

2020

- ✓ Oil Rig Approach
- ✓ RNP 0.3
- ✓ HTAWS
- ✓ Offshore Modes
- ✓ Smart View System

2022

- ✓ Phase 8 FAA
- ✓ Compliance to latest ICAO Noise Requirements
- ✓ SAF compatibility

2023

- ✓ CS-26 Amdt. 4 Compliance Wave 1.0

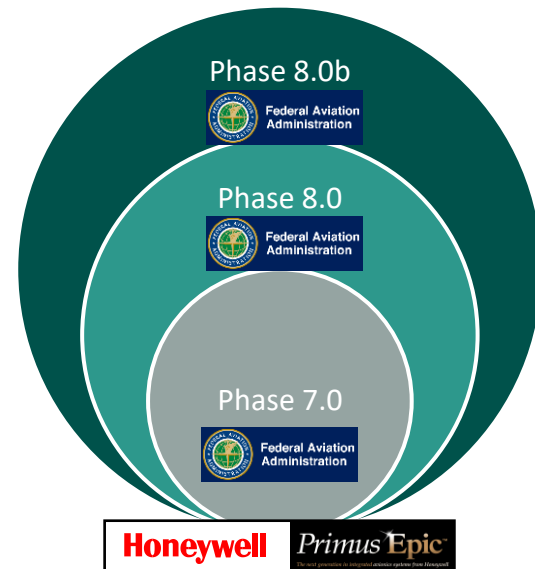
2024

- ✓ CS-26 Amdt. 4 Compliance Wave 2.0
- ✓ Cockpit Camera(s)
- ✓ EAFDR
- ✓ HISL
- ✓ H/C data transmission



Item	AP 7.0	AP 8.0	AP 8.0b
RNP 0.3 All Phases of Flight	✓	✓	✓
EGPWS with offshore modes CAP1519 - Optional	✓	✓	✓
ADS-B Out	✓	✓	✓
TCAS II - Optional	✓	✓	✓
Improved HMI – CC-701 Cursor Control Device (CCD)	✗	✓	✓
Oil Rig Approach - Optional	✗	✓	✓
VFR Custom Approach	✗	✓	✓
Flight Path Symbol	✗	✓	✓
Flight Plan Upload/Download	✗	✓	✓
Interactive NAVigation	✗	✓	✓
SmartView System (SVS) - Optional	✗	✓	✓
Automatic RNP 0.3 for Airways	✗	✓	✓
ADF Optional	✗	✗	✓
Enhanced Flight Data Recorder	✗	✗	✓

Each new functionality (basic or optional), feature and improvement implemented in the previous phases is embedded in the following Phase



Continuously
Improved towards
Demanding Energy
Market Expectations

EFFICIENCY



2015

- ✓ Enhanced Plus Fuselage
- ✓ Integrated Floats&Rafts

2017-2019

- ✓ PAC Interval Extension
- ✓ High Capacity Baggage Compartment
- ✓ Cabin Bins

2022

- ✓ Weather Radar RDR7000

2023

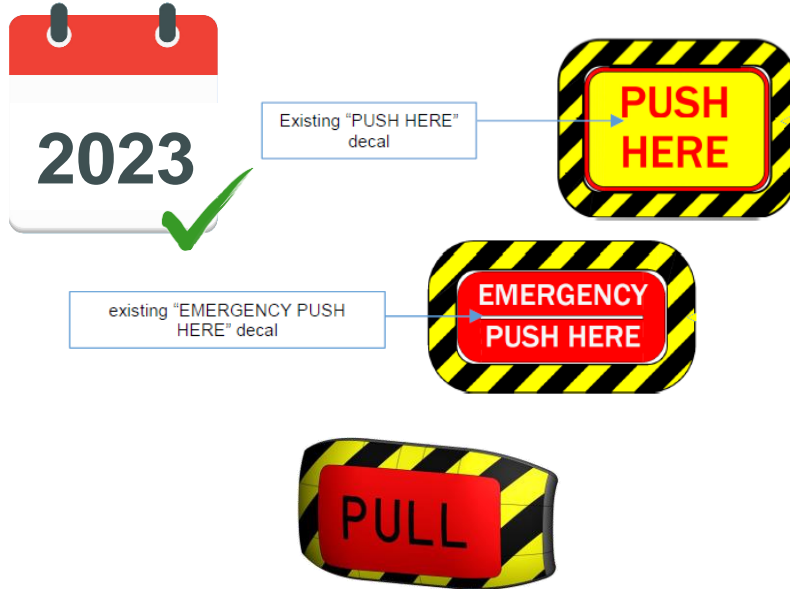
- ✓ NVIS without Separation Wall
- ✓ NVG White Phosphor
- ✓ Cabin Storm Window
- ✓ Enhanced Cabin Extension

2024

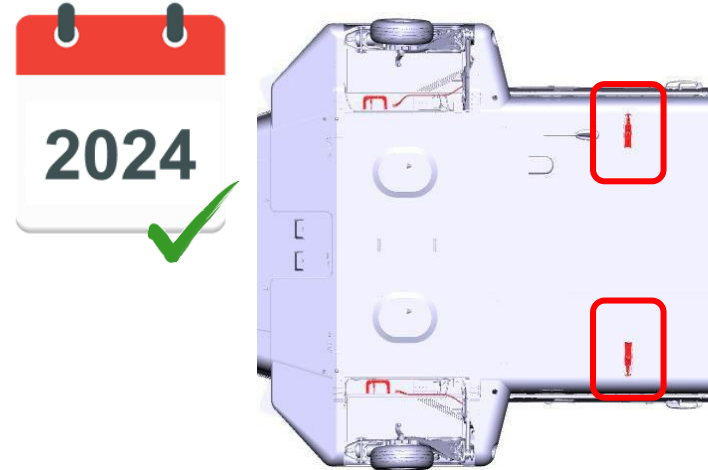
- ✓ Operator Seat Sliding/Rotating
- ✓ Engine & Rotor Shutdown 60 s



New Emergency Labels



New Rafts Deploy Handles



DART liferaft underbelly handles allowing Life Rafts deployment also when the helicopter is capsized



Enhanced Airborne Flight Data Recorder with Cockpit Camera image recording

Stand Alone AIRS-400 cockpit camera

Eurocae ED112A qualified

25 hours of aircraft data

25 hours for each of 4 audio channels



90 days ULB

120 minutes of cockpit images



Crash Resistant Integrated Camera



Crash survivability

Easy installation + retrofittable

Lightweight: ~ 0,5 kg

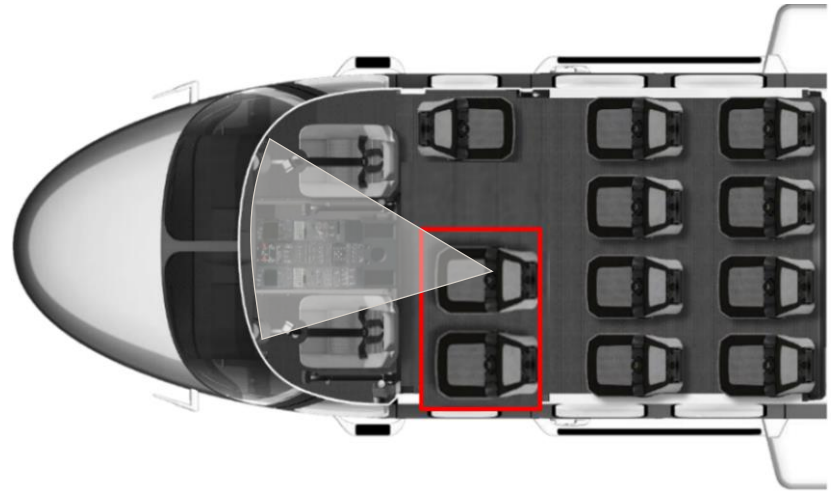
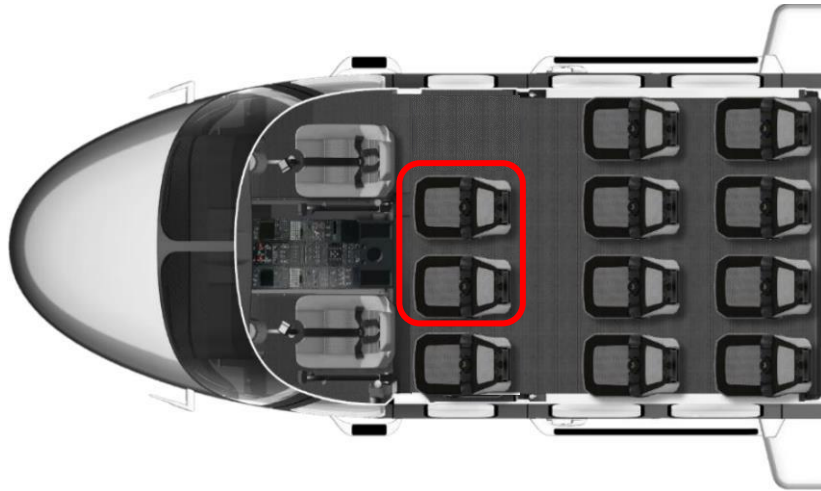
32 Gb Internal Memory expandable (SD from 128 Gb to 2 TB)

Debriefing and visualization tools available*

INFORMATION CAPTURED

- Cockpit video
- ATC and cockpit audio
- GPS
- Attitude data
- Rates of rotation
- Acceleration data (G forces)

*Software tools to be ordered to Appareo directly by the Customer, unless otherwise agreed.



2 or 3 seats can be installed forward facing for
Line Operations Safety Audit (LOSA)
Only one seat less compared to standard Offshore layout

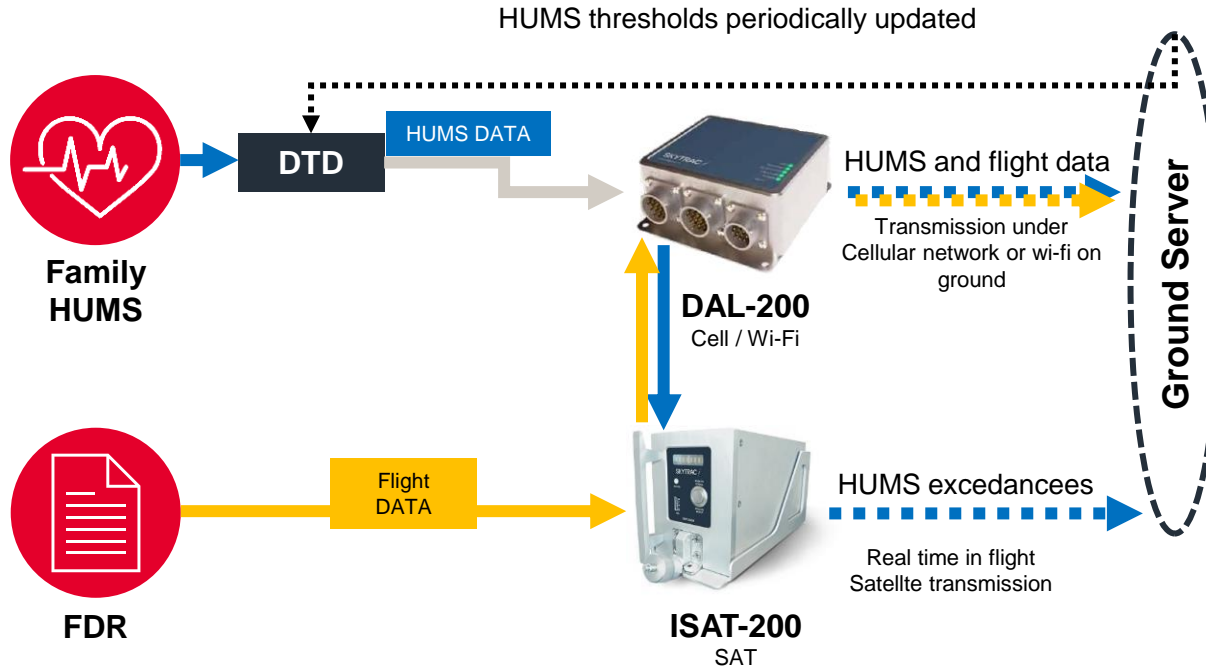


Improved Operational Capabilities

Family HUMS update + DATA Transmission

Kits Required

- Phase 7 or above
- ISAT-200A
- DAL-200
- Family HUMS + SW Update



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ANY
QUESTIONS?





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Thank you
for your attention

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