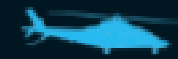


# 2023 Leonardo AW169

S/N 69146



# 2023 Leonardo AW169 S/N 69146



## MANUFACTURER

OEM	Leonardo
Model Variant	AW169
S/N	69146
Year	2023
Reg	T7-KAA
Configuration	Utility 10 pax
Avionic Phase	Phase 7 Enhanced and Phase 8
Certification	EASA compliant

## TOTAL HOURS

T.S.N. (Marc 2026)	28:23 hrs
Cycles	51

## ENGINES

Engines make and model:	Pratt & Whitney Canada PW210A1 HP
TBO	4.000 Hrs
Engine #1 TSN	28:23 Hrs
S/N	PCE-BP0294
Cycles	83
Engine #2 TSN	28:23 Hrs
S/N	PCE-BP0293
Cycles	82

## SPECS

Empty Weight	3.157,00 Kg
MTOW	4.800 Kg

## HIGHLIGHTS

- Utility 10 Pax
- Increased Gross Weight 4.800 Kg
- EAPS Engine Air Particle Separators FP & RP
- Cargo hook 1.500 Kg FP & RP
- Avionic Phase 7 Enhanced and Phase 8
- In airworthiness condition
- Under Warranty until Feb 2026

AW169 (EASA) Standard Configuration  
(Single /Dual Pilot VRF/IFR) will be provided on request.

## Baseline configuration is composed of:

1. Baseline Aircraft
2. Rotors and controls
3. Power plant and fuel system
4. Transmission drive system and hydraulic system
5. Electrical System
6. Standard avionic package
7. Interior
8. Painting
9. Miscellaneous/ground equipment
10. Additional Equipment
  - A. Additional Baseline Equipment
  - B. Additional navigation and fleet management systems
  - C. Additional Equipment Cabine and Avionic
  - D. Utility equipment
  - E. External painting

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## ☑ Additional Equipment <sup>1/2</sup>

### A. Additional Baseline Equipment

- Steps for cockpit / cabin access
- Rotor brake system
- Second radar altimeter
- One solid state Cockpit and Voice Flight Data Recorder with provision for image recording and 90 days ULB battery (as per AIR OPS)
- One Emergency Locator Transmitter (ELT - 3 frequencies) (fixed)
- Overhead cockpit windows sunshades
- First aid kit (as per AIR OPS)
- One cockpit and one cabin fire extinguisher (as per AIR OPS)
- USB Interseat Console Socket
- Maritime and Corrosion Protection
- AW 169 Enhanced Performance Pack

### B. Additional navigation and fleet management systems

- ADS-B Out (Automatic Dependent Surveillance - Broadcast)
- Health and Usage Monitoring System (HUMS)
- Flight Data Monitoring system (FDM)
- Helicopter Terrain Avoidance and Warning System (HTAWS)
- Synthetic Vision System (SVS)
- RNP Approach with LPV/LP minima
- RNP 0.3 navigation in all phase of flight FMS capability

## C. Additional Equipment Cabine and Avionic

### I. Cabin Offshore/passenger transport interior

- Utility Rigid Liners
- Passenger cabin ambient LED lights, PSU with reading lights and ventilation/AC outlets, emergency lights, emergency exit signs, passenger advisory lights (safety belt chimes) and Passenger Addressing Loudspeakers. I CS Configuration "008"
- Comprises 8 passenger headset plugs.
- Utility soundproofing
- Kit utility sockets (12 VDC and 28 VDC)
- Provision for single stretcher layout
- Lightweight Crashworthy Comfortable Passenger Seat (Qty. 8)
- Crashworthy seat in the rear cabin bay (Qty.2)

### II. Cockpit

- Co-pilot hinged window (storm window)
- Approach plates chart holders with lights for pilot and co-pilot (USB power outlet included)
- Tablet cradle for chart holders (loose equipment)
- Requires approach plate chart holder
- Camera in the cockpit (Appareo)

### III. Avionics Equipment

- Moving map
- Weather Radar Rockwell Collins RTA-4112 MultiScan – Provision and Removable



## ☑ Additional Equipment 2/2

### D. Utility equipment

- Ice detector, stowage pocket for portable ELT, first-aid kit
- Increased Gross Weight (4800 kg MTOW)
- Engine Compressor Washer
- Cargo hook 1500 kg - Provision and Removable
- Underbelly Cameras (Qty 2)
- Engine Air Particle Separators – Provision and Removable
- Bear Paws – Provision and Removable (not installed provided as loose item)
- Medevac Layout on Utility Floor (Single Stretcher Aerolite) (not installed provided as loose item) including:
  - Panel AFT Assy, Rework installed
  - Stretcher Life Jacket installed
  - Extinguisher installed
  - Customized Track installed
  - Loose Safety Equip (provided as loose item)
- Light Stretcher Cirrus 1000 (not installed provided as loose item)
- Retainers for Transversal Light Stretcher on utility floor (not installed provided as loose item)
- Safety and loose equipment for Medevac Layout (not installed provided as loose item) including:
  - headpad, safety harness, rescue triangle



### Interior Completion Utility Transport: 10 Pax (4 + 4 + 2 Pax)

- Utility Rigid Liners
- Utility soundproofing
- Provision for single stretcher layout
- Lightweight Crashworthy Comfortable Passenger Seat (Qty. 8)
- Crashworthy seat in the rear cabin bay (Qty.2)
- Cockpit compartment utility finishing interior
- Cockpit panel sun-glare shields
- Pilot/ Co-pilot crashworthy adjustable seats (with inertial reels and separate 5 points safety belts)
- 28V DC / 10A cockpit/cabin utility power socket
- Baggage compartment utility finishing interior rear tail separation
- Baggage smoke sensor
- Pilot / copilot headsets
- Cockpit Door Pockets
- Pilot / Co-pilot headset holders
- Cockpit Access Handles





## Avionic Package: SinglePilot Configuration Night VFR/ IFR (EASA/FAA)

- **Cockpit Display System (CDS)**
- Three Rockwell Collins Display Units 10" X 8" colour AMLCD with LED backlight and NVIS compatibility: 2 Primary Flight Displays (PFD) and 1 Multi-Function Display (MFD)
- One Integrated Standby Instrument System (ISIS)
- Two Display Control Panels (DCP)
- Two Cursor Control devices (CCD)
- One Reversionary Control Panel (RCP)
- One Display Dimming Panel
- Two Master Caution Lights (MCL)
- Two Master Warning Lights (MWL)
- Two Avionics Full Duplex Ethernet (AFDX) switches
- **Aircraft Monitoring and Management System (AMMS)**
- Two Aircraft Monitoring & Management Computers (AMMC)
- One Data Transfer Device (DTD)
- Two touch screen control panels
- **4-Axis Automatic Flight Control System (AFCS)**
- Flight Control Computer (FCC)
- One Flight Control System (FCS) Control Panel
- **Radio Comm and Navigation System**
- Two VHF -AM radios
- Two NAV (VOR/ILS/MB) receivers
- One DME
- One Transponder with Enhanced Surveillance Mode (Mode S)

- First SBAS GNSS (GPS)
- Second SBAS GNSS (GPS)
- TCAS II TSS 4100 Rockwell Collins
- **Interphone Communication System**
- Two Audio Control Panels (Pilot and Co-pilot stations)
- One Audio Management Unit interfacing external transceivers
- One Passenger Intercom Amplifier
- **Primary Flight Instruments**
- Two Flux Valves
- Two Air Data and Altitude Heading Reference Systems
- One Radar Altimeter
- Pilot Clock integrated in the display
- Co-Pilot Clock integrated in the display
- One Standby Magnetic Compass



## Painting

- Customized painting scheme 2-3 metallic colors from Company paint selection
- Standard painting and finishing
- Up to 4 colors from LHD selection
- Painting scheme and finishing from LHD selection
- Registration Marks and Logos
- Tail rotor high visibility painting





- BRT +

ON OFF

NAV1 117.25 TZO 108.00	NAV2 108.90 ILU 108.00	XPDR TCAS 7000 STBY 1234	VHF1 119.625 118.000	VHF2 119.625 118.000	MSG
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AIRCRAFT MANAGEMENT

INIT	AVIONICS	SETTINGS	TEST
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TRIM

T7KAA



MAINT

FMS DB: EAST

From: 13/06/24 To: 10/07/24

ACTIVE FPL	PROGRESS	DIRECT TO
------------	----------	-----------

UTILITIES

NAV	PERF	FIX
-----	------	-----

AIRCRAFT SYSTEM

MISC	ELEC
------	------

ECS	FUEL
-----	------

BREAKERS	HYD
----------	-----

KITS	LIGHT
------	-------

COMMS NAV

BACKUP

- BRT +

ON OFF

NAV1 117.25 TZO 108.00	NAV2 108.90 ILU 108.00	XPDR TCAS 7000 STBY 1234	VHF1 119.625 118.000	VHF2 119.625 118.000	MSG
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ECS

ONLY VENT

ECS AUTO

BACKUP

COLD 20°C WARM

AUTO COCKPIT

AUTO CABIN

ECS SOV1

ECS SOV2

AUTO CLOSE

AUTO CLOSE

ELEC

FUEL

HYD

LIGHT

DIRECT TO

HOME

GEN 1  
RESET

GEN 2  
RESET

MCOS  
NORM

PARK AND EMER

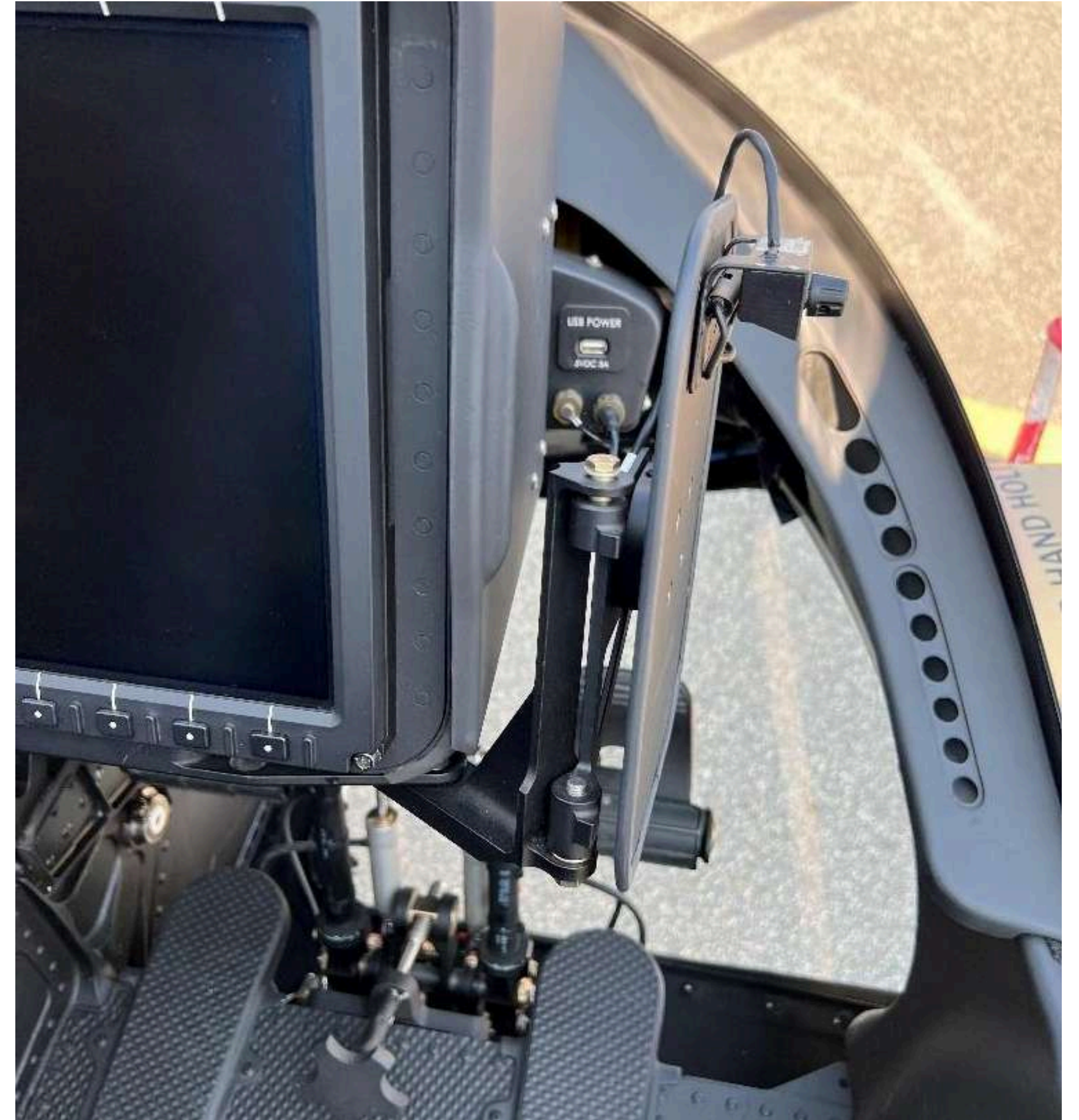
FLOAT

FIRE  
BUCKET

HOIST  
CUT



## iPad supports Pilot and Co-Pilot







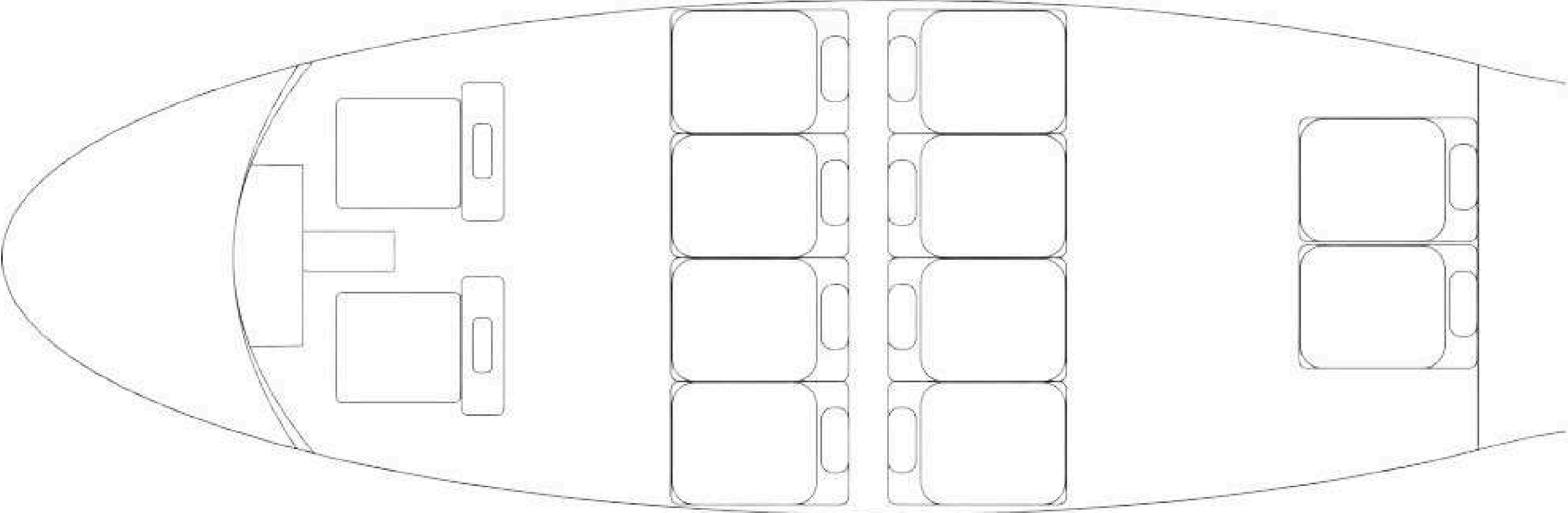
AW169

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T7-KAA



# FLOOR PLAN







EXIT

48

OPEN







## Cabin Steps



# Cargo hook



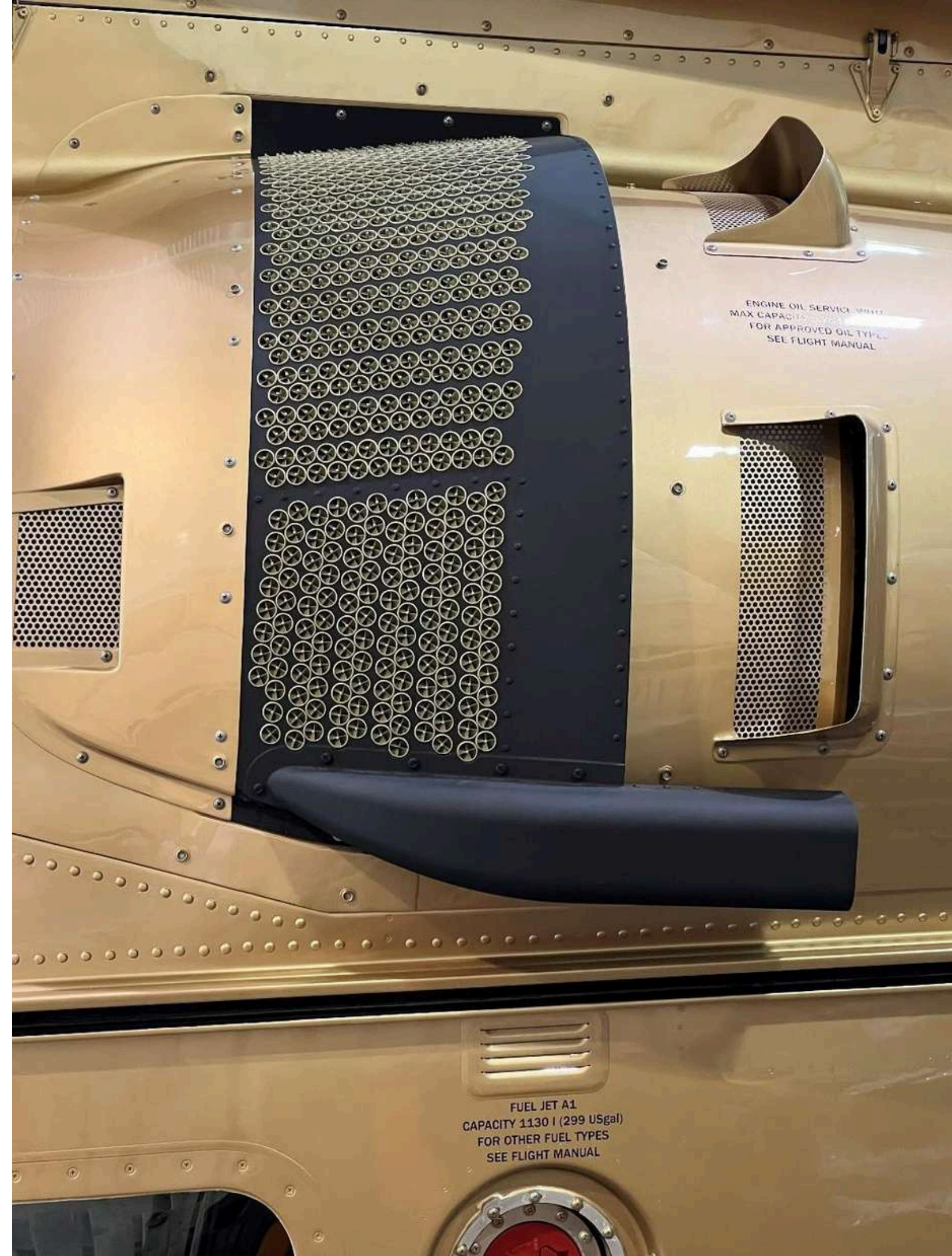


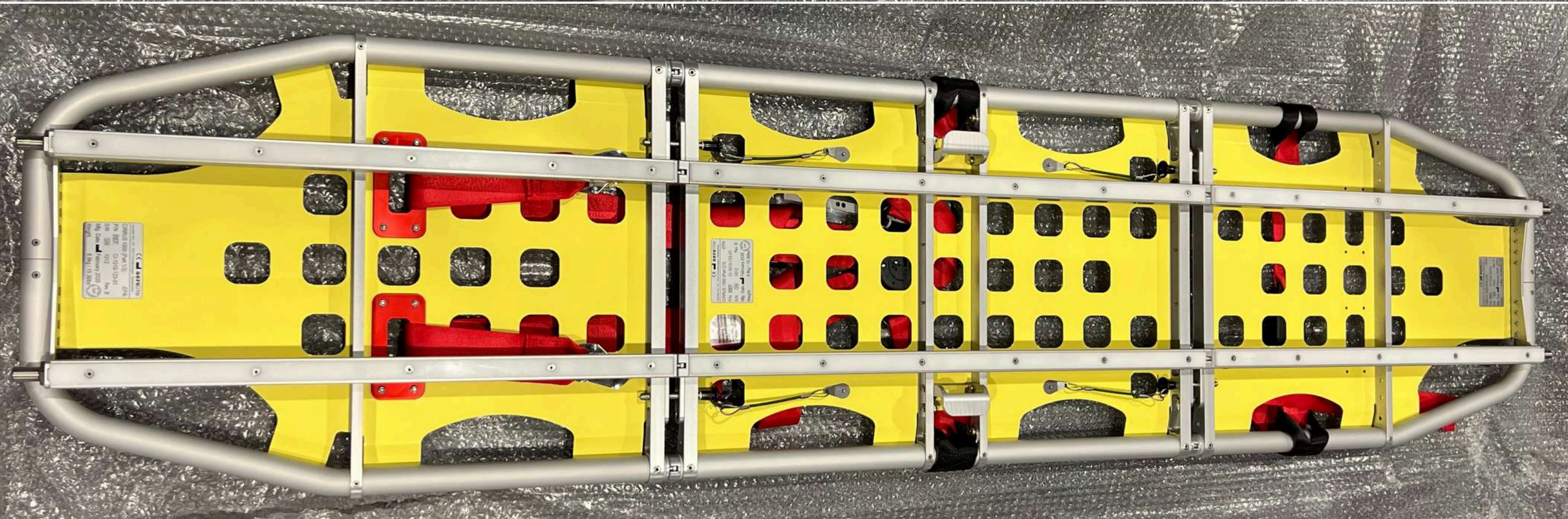
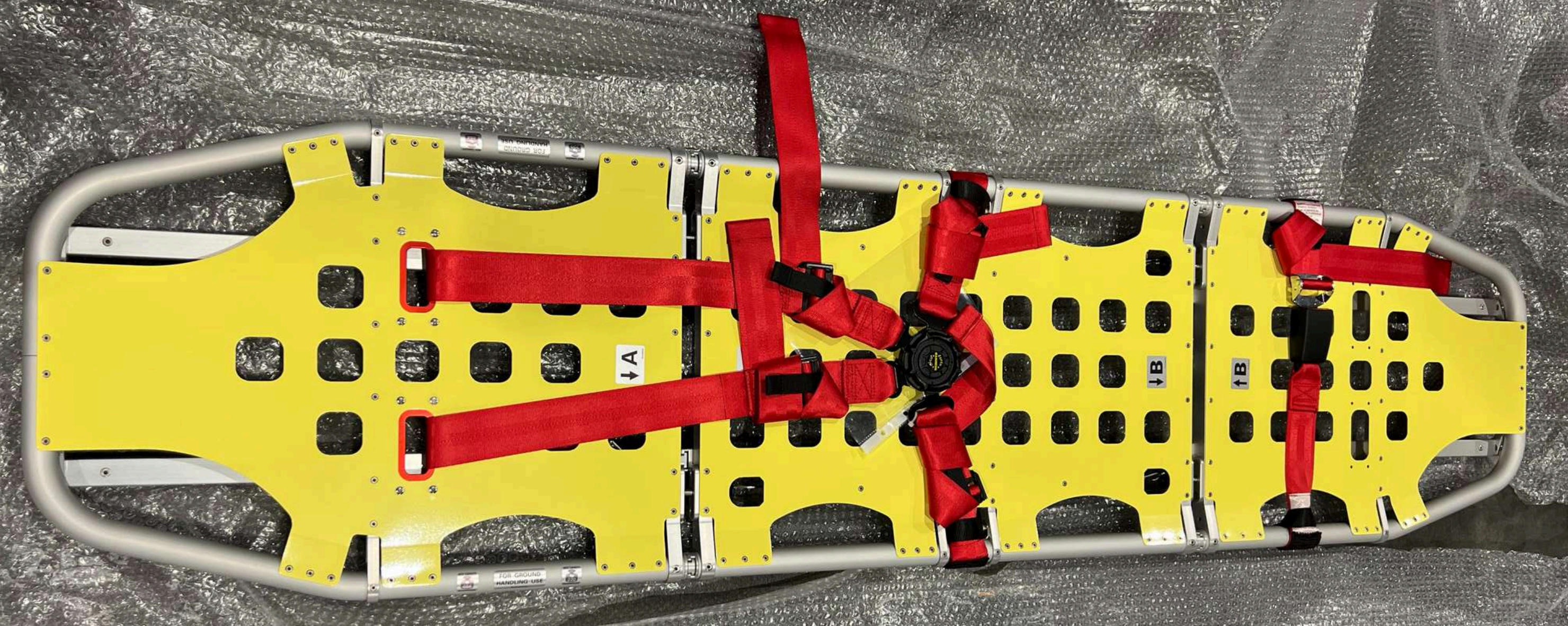
MAX LOAD 1500 kg (3307 lb)

OPTIMA  
SERVICIAL SERVICIUM  
FORWARD

30

# Engine Particle Separators





Single Stretcher Aerolite

# HELIXEL SERVICES



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