INMANIBUSMEIS

AEROMEDICAL

N36 AVIO

AIRBORNE BIOCONTAINMENT

Mission Ready. Certified. Reliable.



Safely transports infectious patients by air, combining proven **biocontainment technology** with **certified aviation integration**.

EASA STC 10090346 certified
Compatible with **Leonardo AW139 E1'S** configurations

Biocontainment integrated into aviation

Ready for **HEMS and MEDAVAC** missions

In airborne medical missions, **safety**, **containment** and **operational continuity** are essential.

N36 AVIO transports **infectious patients safely in flight**. It combines the N36 isolation platform with certified structural restraints, a dedicated aircraft interface and operational capability for helicopters and aircraft.



Protects patient and crew during transport



Integrates with evacuation procedures



Reduces the risk of cross-contamination



Deploys rapidly in emergencies

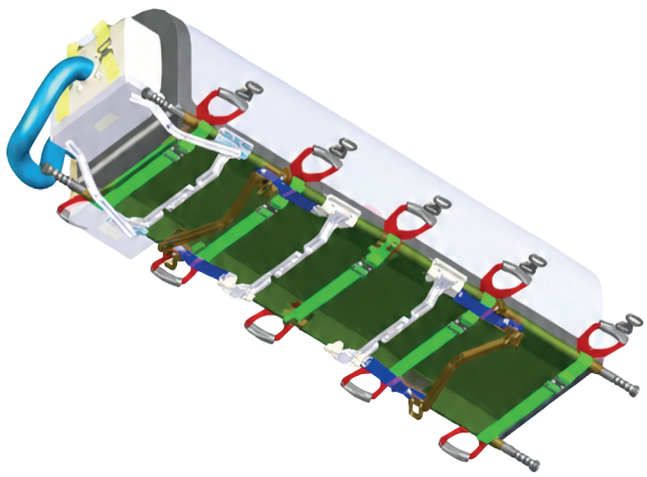


Supports monitoring and treatment throughout the mission

Negative pressure isolates the environment and reduces exposure risk, enabling patient monitoring and treatment throughout the mission.

Operational excellence, mission after mission

A mission-ready system that **protects people, accelerates deployment** and maintains **operational capability**.



01

Rapid deployment

The foldable configuration simplifies transport and installation, making the system ready for use in minutes.

02

Air–land–sea interoperability

Transitions across air, land and sea transport procedures with a configuration designed for mission continuity.

03

Crew protection

Negative pressure creates an isolated environment and reduces crosscontamination risk for flight and medical crews.

04

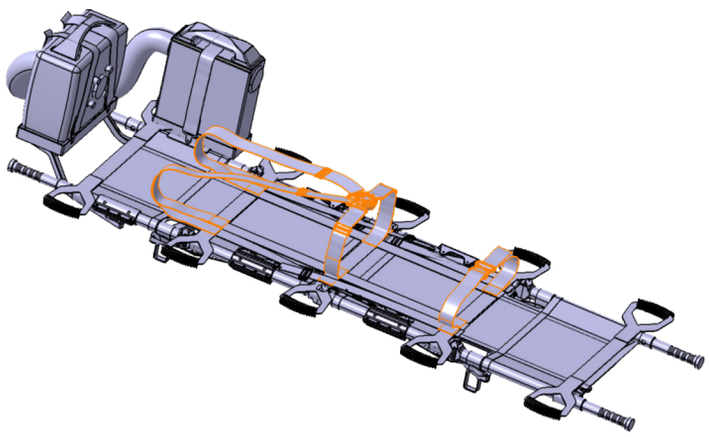
Streamlined decontamination

Optimised chamber access simplifies handling and decontamination. Certified procedures available on request.

Containment, patient safety and rapid recovery: N36 AVIO supports operational continuity from deployment through mission completion.

Every design decision protects the mission

An airworthiness-focused **design for manoeuvres**, **emergency landings** and **EMS operations**.



01

Enhanced patient restraint

Internal restraints at shoulder and lower-limb level secure the patient and enhance in-flight stability.

02

Structural anchoring to the AEROLITE stretcher

Dedicated aluminium anchors connect the chamber to the AEROLITE stretcher and maintain the required crashworthiness performance.

03

Blower and filters securely retained

Dedicated supports keep the blower and filtration systems in position during manoeuvres, landing and emergency conditions.

04

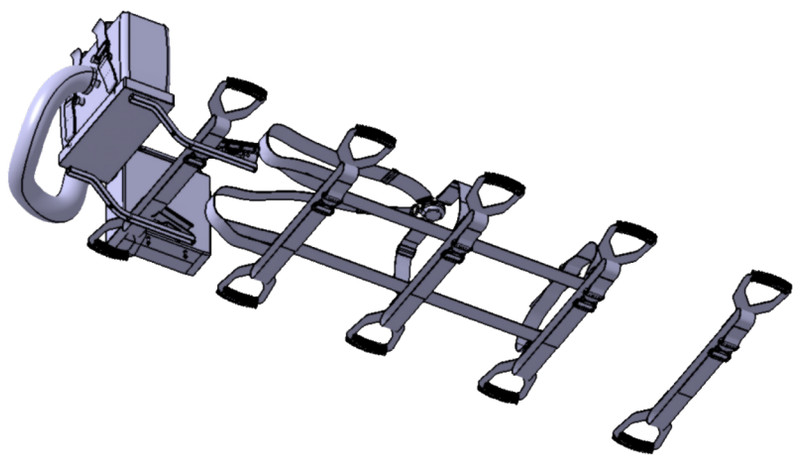
Materials compliant with aviation requirements

Critical components and materials meet requirements for flammability, manoeuvre loads and emergency landing conditions.

The AVIO configuration brings engineering solutions dedicated to in-flight safety into the aviation environment.

A solution for critical scenarios

From medical emergencies to defence: a **platform ready for multiple operational contexts**.

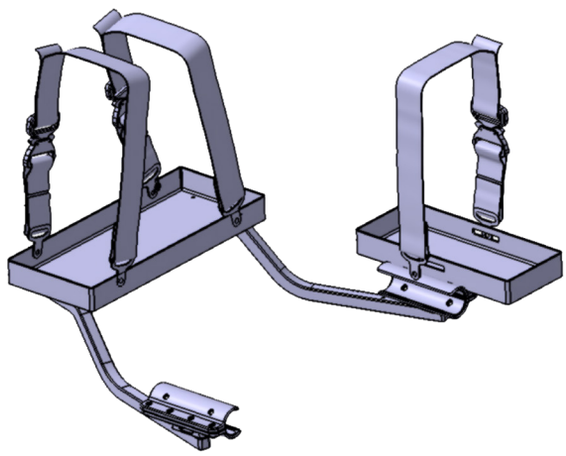


- HEMS operations
- MEDEVAC missions
- CESEVAC missions
- Humanitarian response
- CBRN operations
- Pandemic response
- Military medical support
- Government emergency services

Preserves aircraft operational capability and provides the patient with a protected environment, mission after mission.

Technology that reduces operational risk

A proven architecture that makes **airborne biocontainment safer**, more **manageable** and **ready for deployment**.



DESIGN

- Chamber with flame-retardant configuration
- Structural anchoring to the stretcher
- Restraints dedicated to airborne operations
- Adjustable filter supports

OPERATIONS

- Air, land and sea interoperability
- Simple, easy handling
- EASA-certified helicopter installation
- High, continuous biocontainment

N36 AVIO combines proven biocontainment with aviation structural integration to reduce risk at every stage of the mission.

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