



NT-626CK

The NODIN CASEVAC Kit (NT-626CK) is a shock and vibration dampened stretcher suspension system designed to enable safe, rapid, and flexible casualty evacuation in demanding operational environments.

Role equipment

- Rapid installation when required.
- Quick removal when not in use.

Designed for

- Patient safety
- Operational flexibility
- Robustness

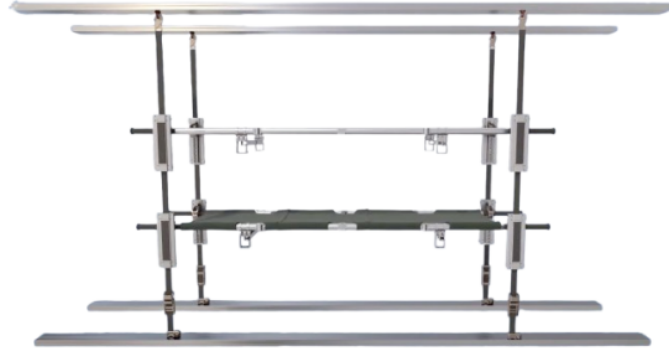
Suitable for use across multiple platforms and mission profiles

Available Models:

- NT-626CK0-1
- NT-626CK0-2
- NT-626CK0-3
- NT-626CK2-1
- NT-626CK2-2
- NT-626CK2-3
- NT-626CK4-1
- NT-626CK4-2
- NT-626CK4-3

AW101, the Norwegian All-Weather Search and Rescue Helicopter (NAWSARH)

NODIN CASEVAC Kit



The CASEVAC Kit is a modular stretcher suspension system capable of supporting multiple patients on stretchers. The system uses roof-mounted web straps and integrated shock and vibration dampening elements to reduce loads transmitted to the patient during transport.

Key characteristics include:

- Shock and vibration dampened stretcher suspension
- Modular and platform-adaptable design
- Rapid installation and removal without special tools
- Compact stowage in bag or case when not in use

The CASEVAC Kit is delivered tailored to your needs, and the part number describes the exact capabilities of the kit:

- **NT-626CKX-Y**
- NT-626 = NODIN Part number.
- CK = CASEVAC Kit.
- X = Number of dampers per stretcher.
- Y = Number of stretchers.

Our most popular model is the NT-626CK2-2:

«CASEVAC Kit with two dampers per stretcher and two stretchers in the rack.»

Note: The NODIN MEDEVAC stretcher (NT-820MVU) is included as part of all versions of the CASEVAC Kit.

This Shock and Vibration Dampened System (NT-626CK2-2) has been in use for more than 20 years.

The helicopter solution has been in use since 2016 for a total of 20 AW101 helicopters.





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YOUR NEEDS - OUR KNOWLEDGE - EQUALS INNOVATION

Shock and Vibration Dampening

A core feature of the NODIN CASEVAC Kit is its integrated shock and vibration dampening capability. The system is designed to significantly reduce shock loads transferred from the vehicle or aircraft structure to the stretcher and patient.

Computer based simulations have demonstrated a substantial reduction of peak shock loads measured at the patient interface compared to loads measured at the attachment points. This contributes to improved patient safety and comfort, particularly during high load events such as abrupt manoeuvres or hard landings.

Structural Strength and Load Capacity

The system is designed with high structural margins and uses high-strength metallic components, flame-resistant webbing, and corrosion-resistant materials. Individual system elements such as hooks, straps, anchoring points, and dampers are dimensioned to withstand high ultimate loads.

Load capacity assessments include representative crash-load scenarios, such as forward crash cases with multiple patients, ensuring that the system provides robust structural performance within its intended operational envelope.

Materials and Safety

The CASEVAC Kit is manufactured using aviation-appropriate materials, including:

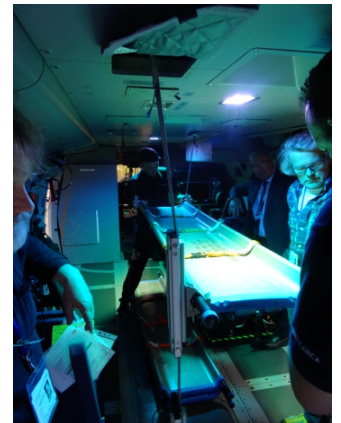
- High-strength and corrosion-resistant steels
- Anodized aluminium alloys
- Flame-resistant webbing materials
- Protective polymer and rubber interfaces

Material selection supports durability, fire safety, and long service life in harsh operational environments.

Product Maturity and Operational Experience

The first generation of the NODIN CASEVAC concept was developed in 2002 for high shock maritime operations. The current generation, introduced in 2011, builds on extensive operational experience accumulated over more than two decades.

The system has been in continuous operational use for over 20 years across different platforms. A helicopter-adapted configuration has been in service since 2016 and has been deployed on a fleet of 20 helicopters within a single program.



Roles, Responsibilities, and Certification

NODIN is responsible for the development, documentation, manufacturing, and delivery of the CASEVAC Kit as role equipment. Aircraft- or platform-specific installation, approval, and certification activities are performed by the responsible integrator, OEM, or operator.

NODIN has not performed airworthiness testing. Compliance with applicable aviation or platform requirements is demonstrated as part of the specific installation and approval program for each platform.



NODIN Aviation AS
Vangsveien 10
1814 ASKIM
NORWAY

Phone: +47 33 32 79 43
Email: post@medevac.no
Web: www.medevac.no
NCAGE: N4597



Org.no 879 913 802