



NH90 Dummy Landing Gear

Ground Support Equipment for Base Maintenance and Storage

The NH90 helicopter uses a unique landing gear with specific crash features. When the helicopter is in maintenance or (long term) storage, its valuable landing gears are only installed to enable movement. Jacking allows removal – so the components can be used as spares for other helicopters or returned for depot-level maintenance. However, whilst a helicopter is jacked, it can be very inconvenient to have it stuck in its position.

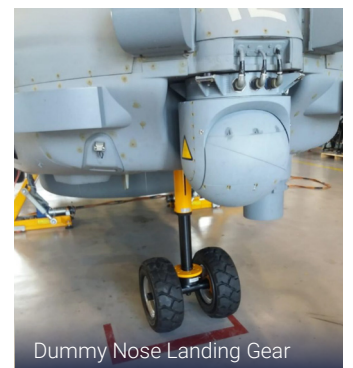
The Alternative

The NH90 Dummy Landing Gear kit is designed, developed, and tested with the intention to stay close to the original landing gear design. The kit is in daily use since 2020.

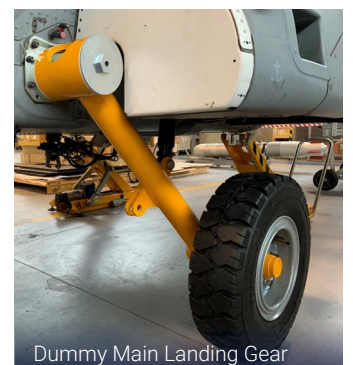
Benefits

- » Increase aircraft mobility during maintenance
- » Reduce lead-time prior to sending unserviceable gears to MRO
- » Best use of the valuable airworthy gears
- » Reduce maintenance efforts during (long term) storage
- » Increase helicopter safety in the event of fire.

Its dimensional and shape characteristics are based on the original nose and main landing gears, allowing it to be installed and removed using similar procedures and towed using the existing towbar. To ensure its structural integrity, the Maximum Take-off weight has been considered during load testing.



Dummy Nose Landing Gear

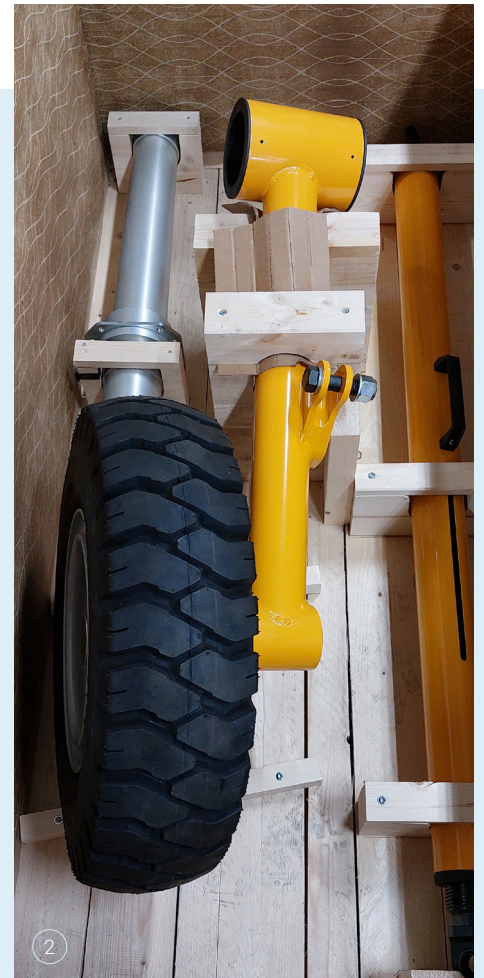


Dummy Main Landing Gear

The Set

The comprehensive Dummy Landing Gear Ground Support Equipment set contains:

- » ① Dummy Nose Landing Gear including:
 - » Wheels/Tires
 - » Dummy Retraction Actuator
- » ② Dummy Main Landing Gear (Equal & Interchangeable) including:
 - » Dummy Shock struts
 - » Dummy Trailing Arms
 - » Dummy Pintle Axle
 - » Wheels/Tires
- » Installation Kit
- » Technical & Maintenance handbook(s)
- » Wooden Transport Crates



Documentation

The NH90 Dummy Landing Gear kit is a non-flying alternative to the original landing gear components and/or jacking equipment. In addition to the technical handbook, including IPL, the load testing certificates will be provided to support a practical demonstration, that will allow use in a military maintenance organization.

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Fokker Services Group is an independent leader in aerospace services with a global reach. Providing comprehensive solutions from its five facilities in Europe, Asia and the Americas, Fokker Services Group is a key partner for regional, narrow-body and wide-body platforms in the Commercial, VIP, Cargo and Defense markets. The organization offers a unique set of capabilities, products and services: 'Modifications & Engineering Services' for the latest technical solutions; 'Component & Material Services' such as nose-to-tail programs, exchange services, component repairs, parts manufacturing and spares deliveries; 'Airframe Services' for aircraft MRO including lease transitions and painting; and 'Aircraft Completion & Conversion Services' for Executive, VVIP and Special Mission aircraft upgrades. With this broad range of expertise, Fokker Services Group ensures the continued competitive operation of its customers' fleet.



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