



# nijl®

For a safe working  
environment



# Defense & Military Access Solutions

NCAGE CODE H2BL2



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**NIJL®**

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ABOUT NIJL



# Crafting Aircraft Docking Systems Since 1966

NIJL is a leading global provider in the design, manufacture and turn-key delivery of docking systems and access equipment. While initially focused on providing products for safe operations at heights within the aviation sector, we have expanded our offerings to cater to various industries including road, rail, power and process.

With innovative designs – made by our in-house engineering team, based in the Netherlands – and high-quality materials, we ensure safe and efficient access to the working area. All our products are tailored to the unique requirements of our customers' product, guaranteeing optimal functionality and usability for maintenance engineers, enhancing safety, productivity and cost-effectiveness.



# Defense Aviation Sectors We Serve

Military aviation demands specialized access solutions that adapt to diverse aircraft types, mission profiles, and operational environments. NIJL designs and delivers equipment that supports everything from front-line readiness to deep maintenance cycles, always with a focus on safety, precision, and speed. Our experience spans the full defense aviation landscape, enabling us to provide tailored systems that align with the unique requirements of each platform and facility. The following sectors highlight where our expertise brings the greatest value.

- **Fighter Jets**
- **Transport Aircraft**
- **Helicopters and Rotorcraft**
- **UAVs and Drones**
- **MRO Facilities and Ground Support**



## THE NIJL PROMISE

1. Minimal footprint to maximize floor space
2. Multipurpose: single product for multiple applications
3. Safe working environment (at height)
4. Minimal set up time
5. Perfect fit for increased productivity

## OUR PRINCIPLES

### **Multi-purpose, Cost Effective, Turn-key. Hangars are full of equipment.**

Lack of space is an issue. NIJL stands and docking systems are designed to cater for several aircraft types. So with one piece of NIJL equipment, you can access several aircraft types. This means less equipment needed and more effective use of your budget. We supply our products on a turn-key basis.

We have extensive experience with the assembly of docking systems within a hangar environment.

### **“Provide optimal and safe access around the aircraft for various activities”**

### **High quality innovation never compromised**

Our products are designed for durability. They are strong and can handle the rough environment in- and outside the hangar, and on the apron. Depending on the customer's wishes, we can supply our systems with manual operation or with completely computerized, fully automated operations. With advanced 3D-scanning NIJL has the ability to make detailed 3D aircraft scans to explore the specific maintenance needs for the aircraft and to ensure optimal access. NIJL is certified in accordance with ISO 9001, OSHA compliant, meet EN standards, and follow all FOD regulations.

### **Project excellence; quality standards and professional way of working.**

We deliver our projects in a professional and highly effective manner. Our staff closely works together in teams and show the 'hands-on' flexibility to always meet the client's needs. On the other hand we practice modular engineering, using the latest insights in technology and we have standardized our processes and introduced a lot of quality cycles and control procedures over the years in our disciplined way of working. This to ensure our professional standards, to continuously improve our products and to surpass customer expectations.





*“Supporting Air Superiority, Mission  
Readiness, and Rapid Maintenance”*





# Engine Access Platforms

Our engine access platforms are designed to provide safe, stable, and ergonomic reach to military aircraft engines, whether mounted underwing, on pylons, or integrated in fuselage structures. These platforms support critical maintenance, inspections, and overhauls - minimizing turnaround time while maximizing technician safety.

**Height-adjustable to fit multiple aircraft types**

**Lightweight, corrosion-resistant aluminum**

**Anti-slip decking and integrated safety rails**

**Rapid setup for hangar or field operations**





# Fuselage & Wing Platforms

These platforms offer continuous access along the fuselage and wing sections of fixed- and rotary-wing aircraft. Whether for structural inspections, surface treatment, or panel removal, our systems support streamlined workflows without compromising safety.



Custom-contoured  
to aircraft geometry

Modular sections for  
flexible deployment

Compatible with  
stealth coatings and  
sensitive skins

Easily maneuverable  
in tight hangar  
spaces

# Cockpit & Canopy Access

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Tail and nose access points demand high precision and stability - especially on large military transports or fighters with sensitive avionics. Our dock systems are purpose-built for complete end-access, including upper vertical stabilizers, APU zones, or forward avionics bays.

- **Foam-lined rails and non-marking bumpers**
- **Compatible with open or closed canopies**
- **Designed for helmeted crew boarding (pilot steps)**
- **FOD-conscious materials and tool storage options**





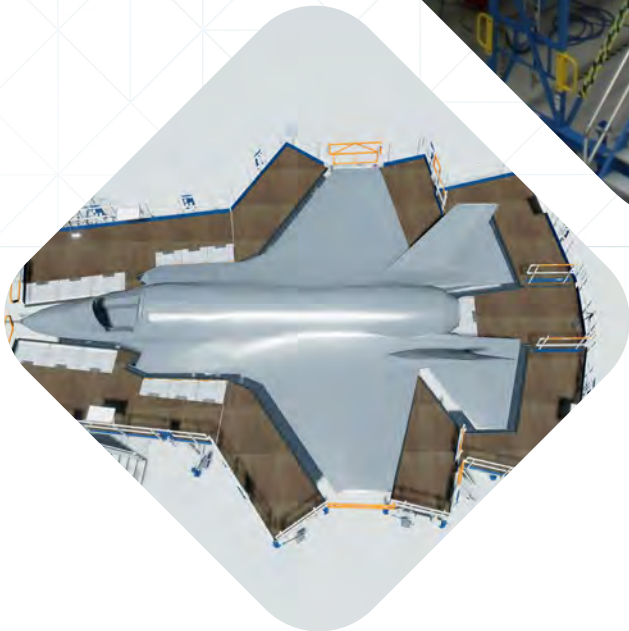
# Tail Docks & Nose Stands

The cockpit and canopy require delicate handling and precision when servicing. NIJL platforms allow safe, damage-free access for inspection, avionics work, and canopy operations - especially critical on advanced fighter jets and trainers.

- Vertical adjustment for multiple aircraft types
- Wraparound platforms for 360° maintenance access
- Designed for easy repositioning and stowage
- Cable management and tool tray options included









*“Access isn’t just about reaching the aircraft- it’s about enabling mission readiness, protecting crews, and keeping fleets flying”*



# Rotorcraft-Specific Platforms

Our helicopter and tiltrotor solutions offer safe reach around rotor hubs, engine cowlings, and tail booms. These are designed for efficient daily checks, inspections, and heavy maintenance cycles in both field and base conditions.

- Height-specific to each aircraft model
- Configurable for multiple rotor types (single/dual/tilt)
- Tailored access to gearbox, rotor head, and airframe
- Ideal for Apache, Chinook, NH90, and similar fleets

*360° Rotor Hub and Transmission Access*





# Modular Tooling & Trolley Systems

Beyond platforms, NIJL provides modular tool trolleys, movable steps, and integrated workbenches designed for high mobility and fast deployment. These support systems enhance workflow efficiency and are built to defense-grade durability.



Height-specific to each aircraft model

Configurable for multiple rotor types (single/dual/tilt)

Tailored access to gearbox, rotor head, and airframe

Ideal for Apache, Chinook, NH90, and similar fleets

NIJL B.V.  
Punterweg 4  
8042 PB Zwolle  
The Netherlands

T +31 38 202 80 20  
E [info@nijlgroup.com](mailto:info@nijlgroup.com)

[www.nijlgroup.com](http://www.nijlgroup.com)

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