



HELILADDER

Focus on your work - not your balance!™



Bell 429 Fit Guide



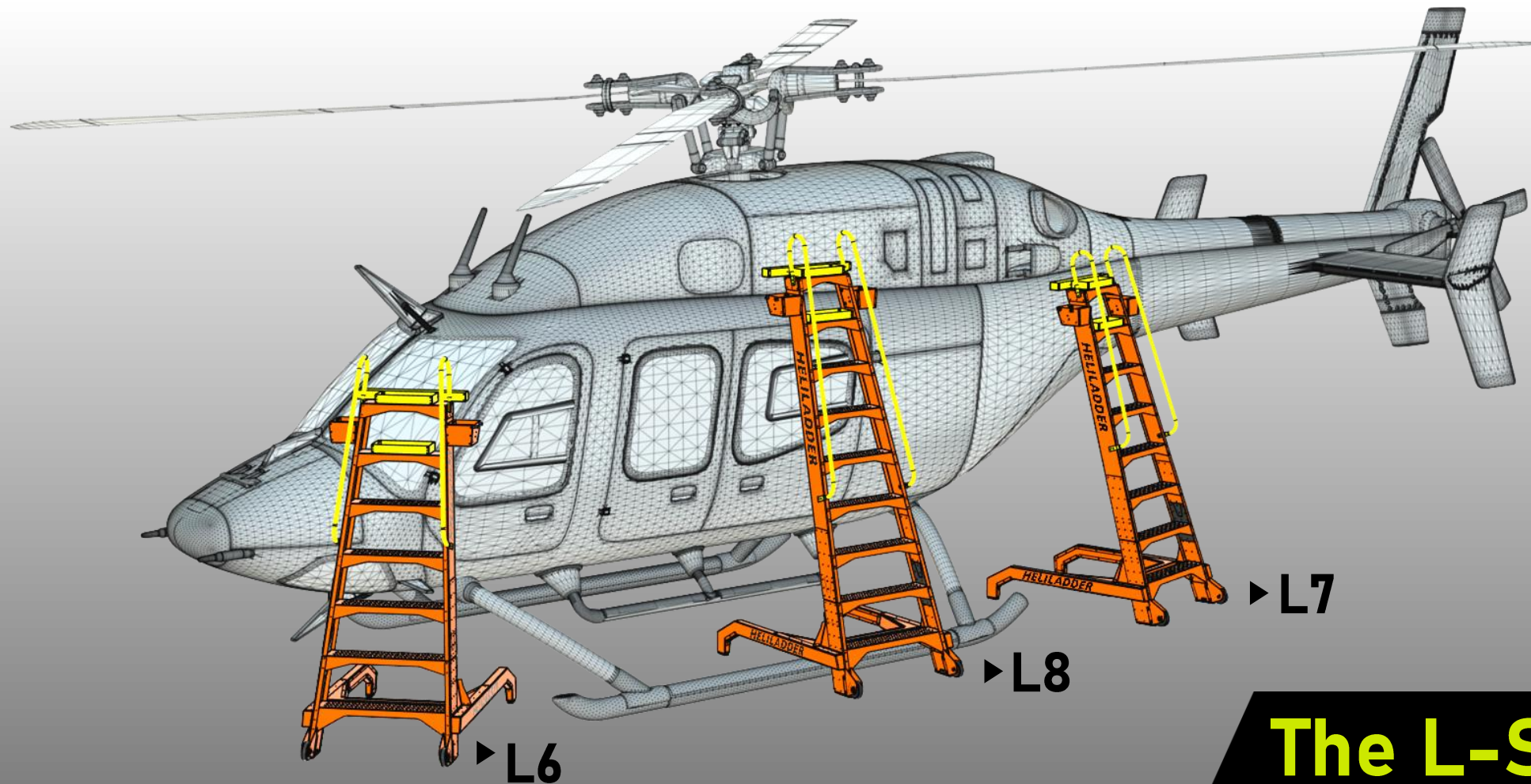
The HeliLadder System

HeliLadder has been leading the industry in creating specialized ladders and modular workstands for aircraft maintenance. Our products support various aircraft including helicopters, fixed-wing, and drones; serving military, hospital, government, and civilian sectors. With its innovative design, unmatched versatility, and exceptional quality, HeliLadder enhances technician safety and ergonomics – thereby boosting maintenance efficiency, mission readiness, and revenue generation.

The following images showcase how the HeliLadder product line could be positioned next to the **Bell 429**. Only a few (of many) configurations are shown.

- ▶ HeliLadder L-Series
- ▶ MX5 Modular System
- ▶ Safety Compliance
- ▶ General Usage
- ▶ Storage & Transport
- ▶ Other Product Accessories
- ▶ Recommended Packages
- ▶ Contact Information & RFQ

*The following images should be used for reference only. The 3D models of the aircraft used are not of confirmed accuracy and detail, so some variables may exist regarding the actual fit and function. Please contact us with questions or if you require additional information.



The L-Series



L6

► Max Standing Height: 52.5"



L7

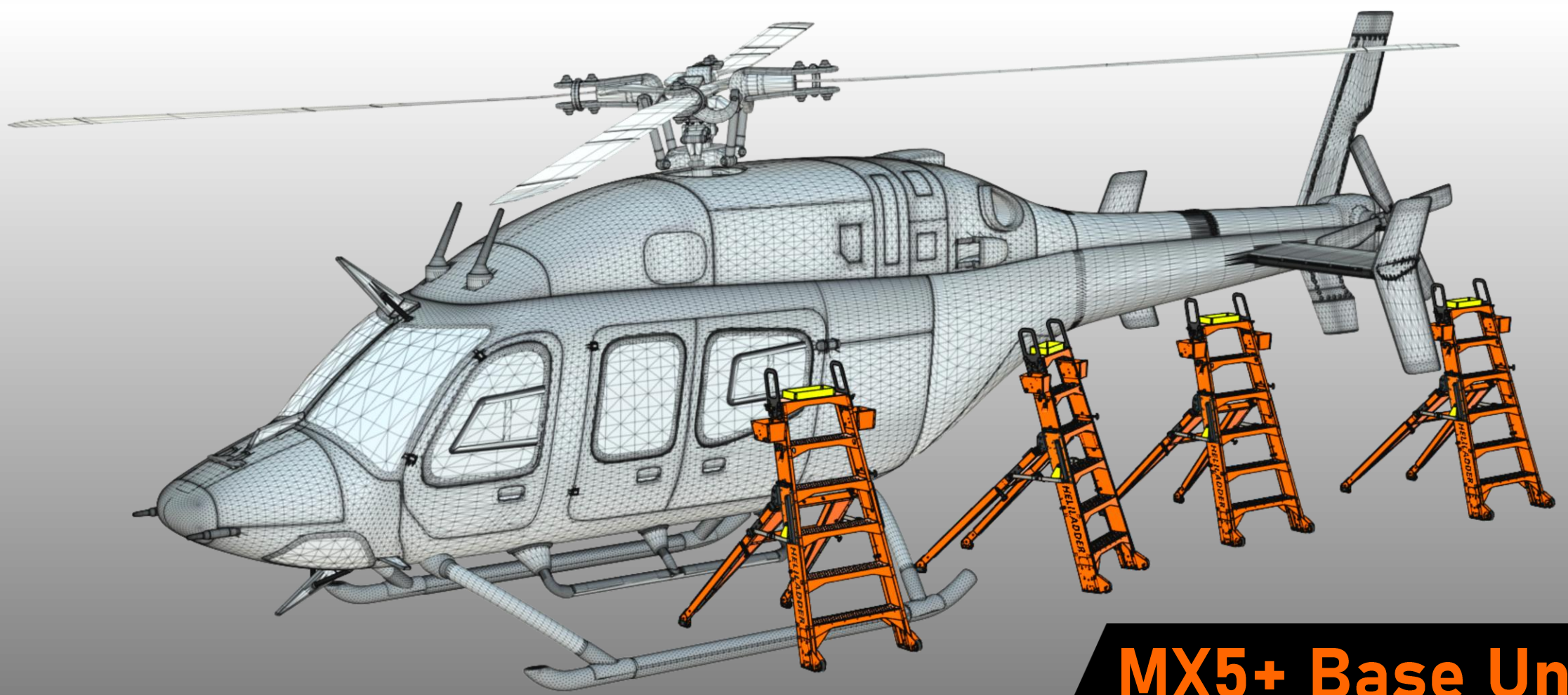
► Max Standing Height: 63"



L8

► Max Standing Height: 73.5"

Fixed-length & Lightweight
Ideal for aircraft on dollies or with external tanks and accessories.
Includes: Safety Handrails and Tool Trays



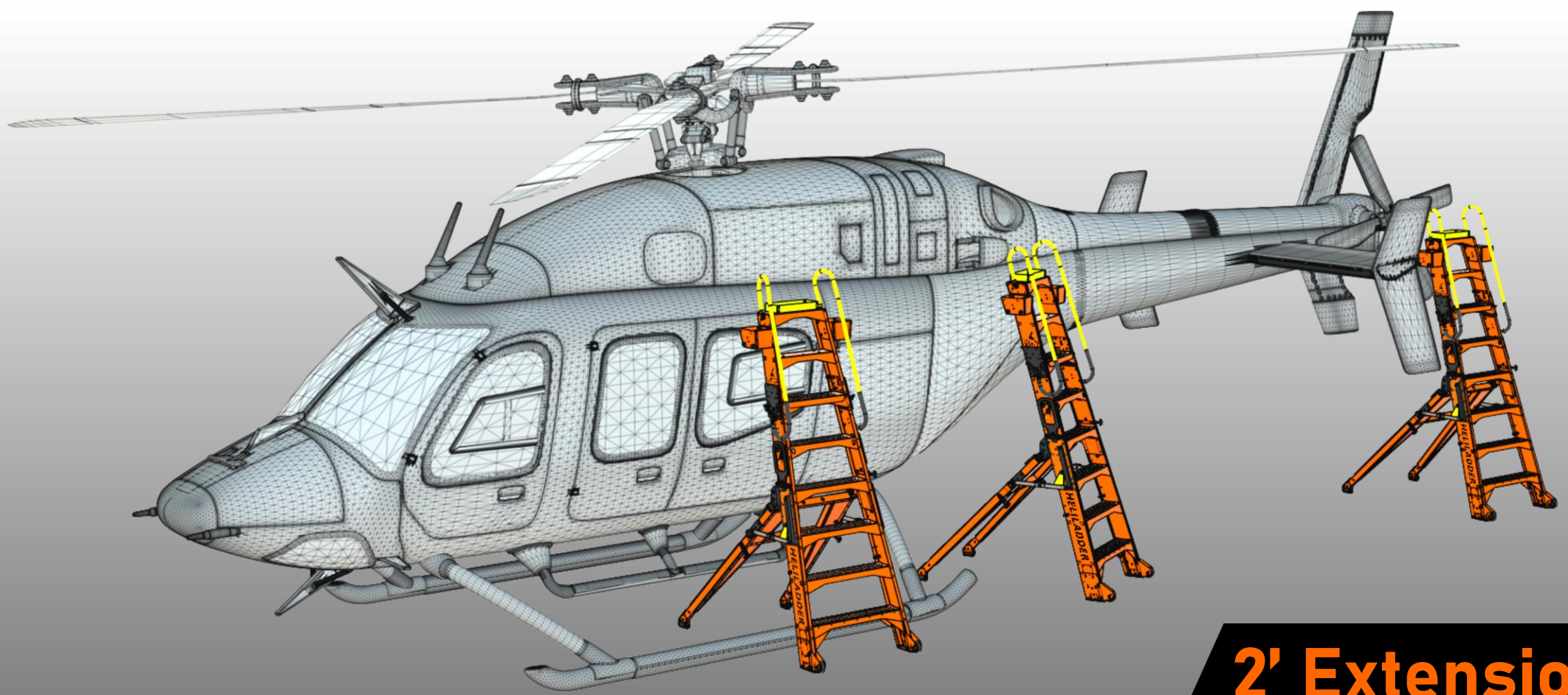
MX5+ Base Unit



P/N MX5+KIT

Includes: Modular Tool Trays,
Short Handrails, & Field Kit

Provides Safe Access to:
Engine, Windshield,
Transmission Deck, Tail Rotor
Tail Rotor Drive Shaft



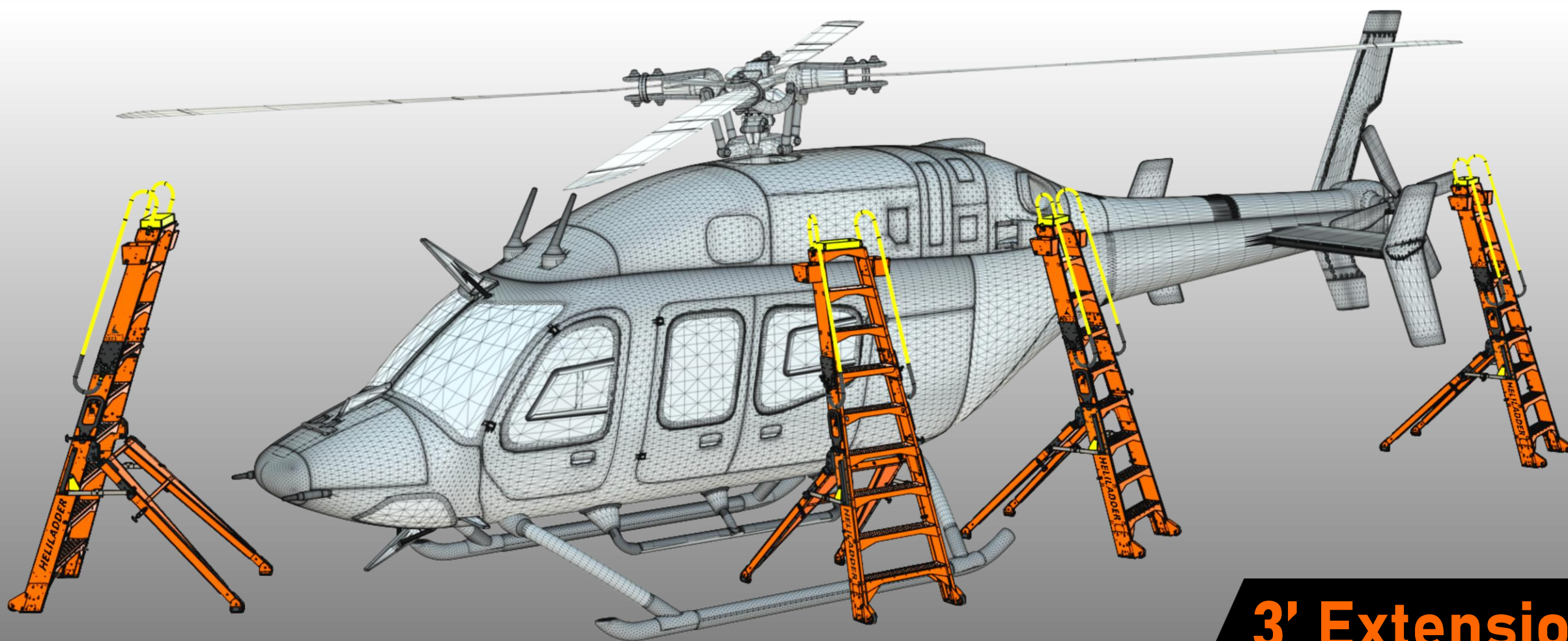
2' Extension



P/N MX-2EXT
Attach to any MX5
Max Standing Height: 63"



Provides Safe Access to:
Engine, Swash Plate,
Transmission Deck,
Tail Rotor



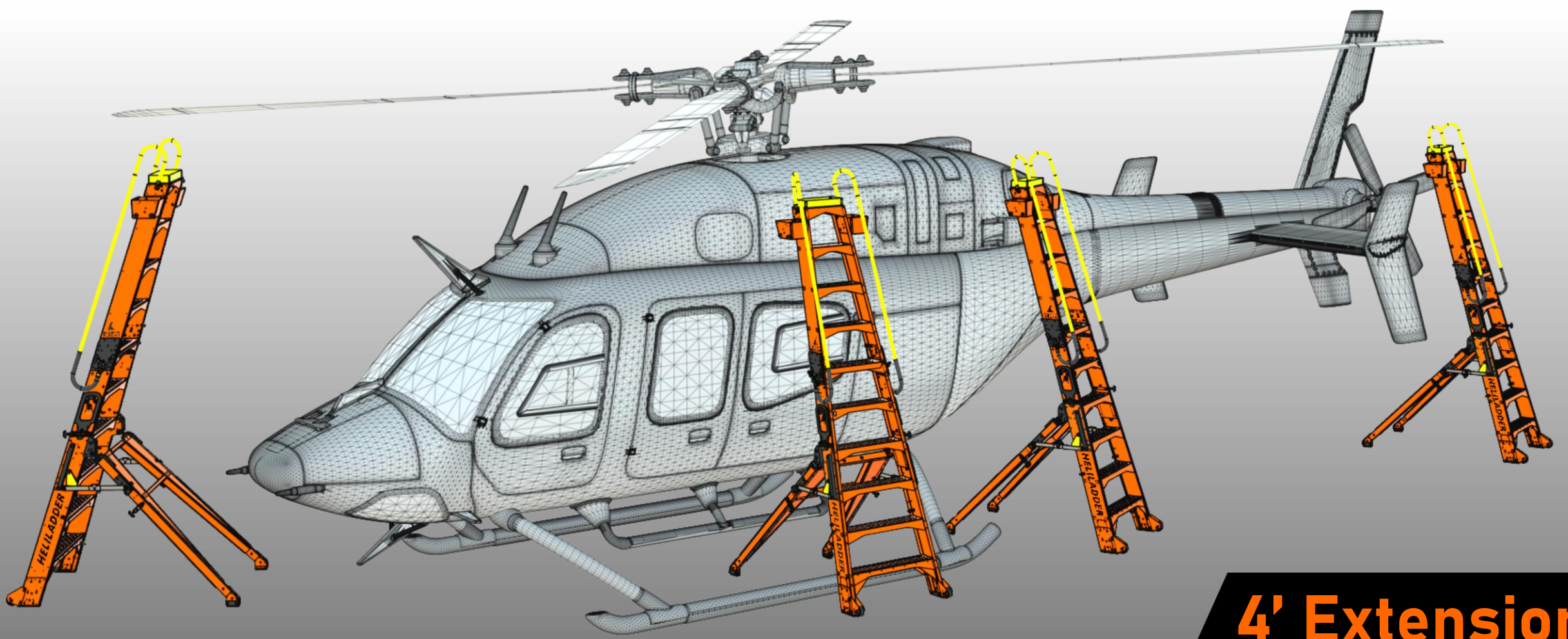
3' Extension



P/N MX-3EXT
Attach to any MX5
Max Standing Height: 73.5"



Provides Safe Access to:
Engine, Engine Cowlings,
Transmission Deck, Swash Plate,
Rotorhead, Blades, Vertical Fin



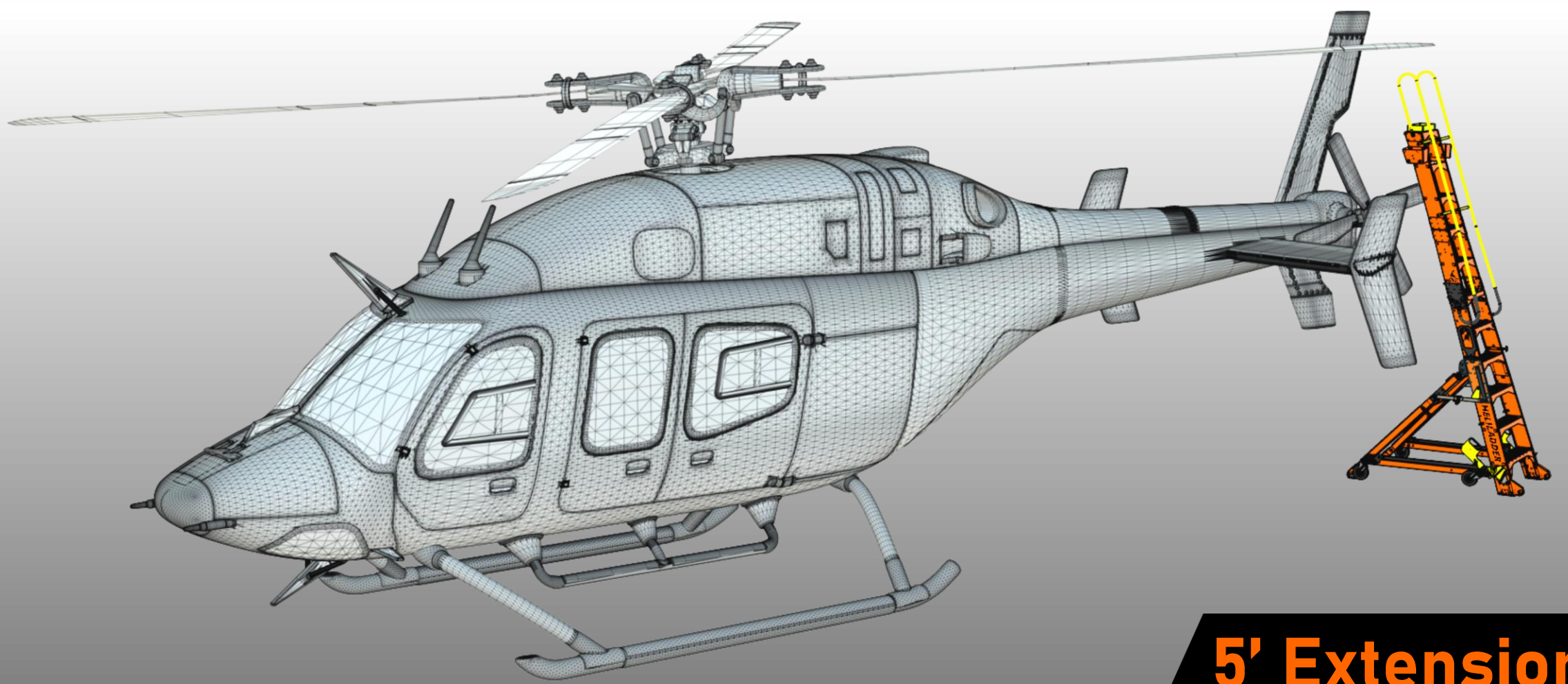
4' Extension



P/N MX-4EXT
Attach to any MX5
Max Standing Height: 84"



Provides Safe Access to:
Engine, Engine Cowlings,
Swash Plate, Rotorhead,
Blades, Vertical Fin



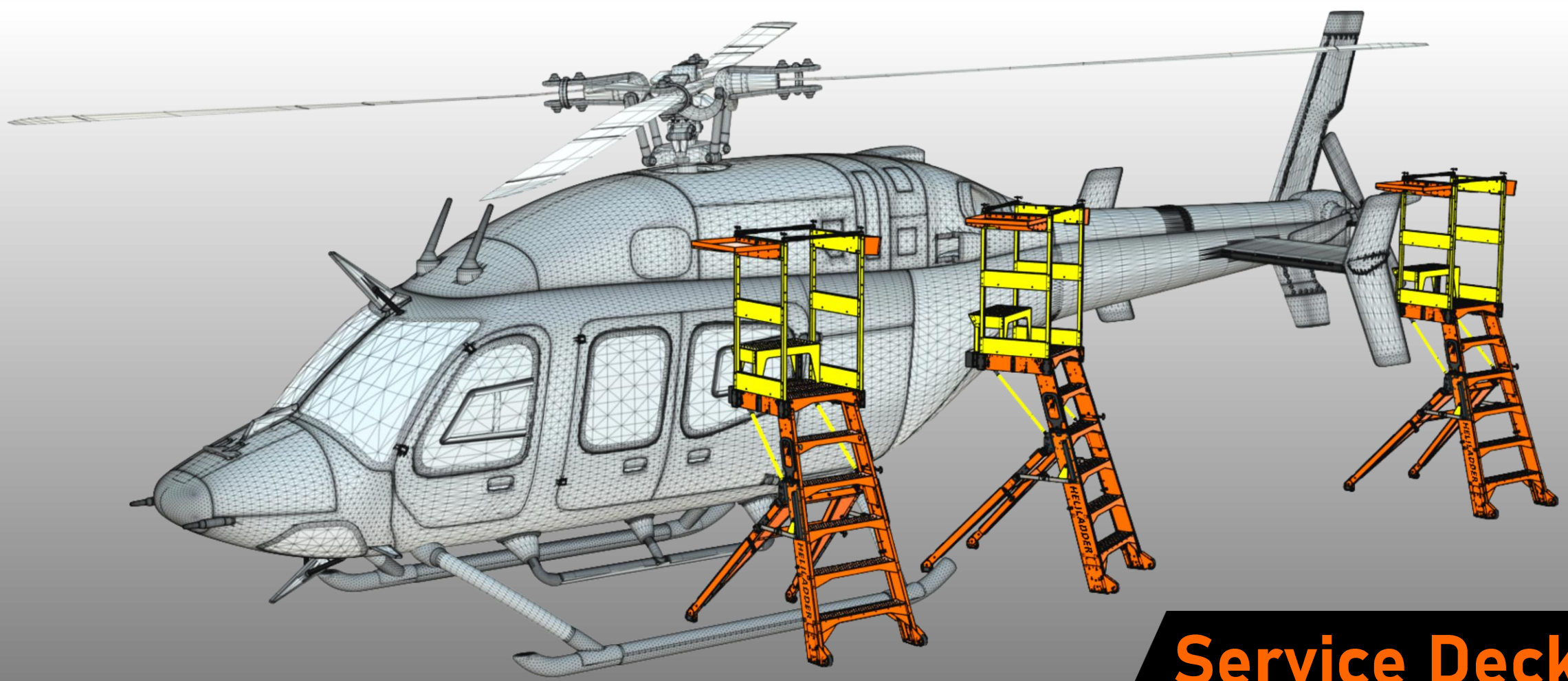
5' Extension



P/N MX-5EXT
Attach to any MX5
Max Standing Height: 94"



Provides Safe Access to:
Upper Vertical Fin
(Shown with optional
Retractable Wheel Kit)



Service Deck

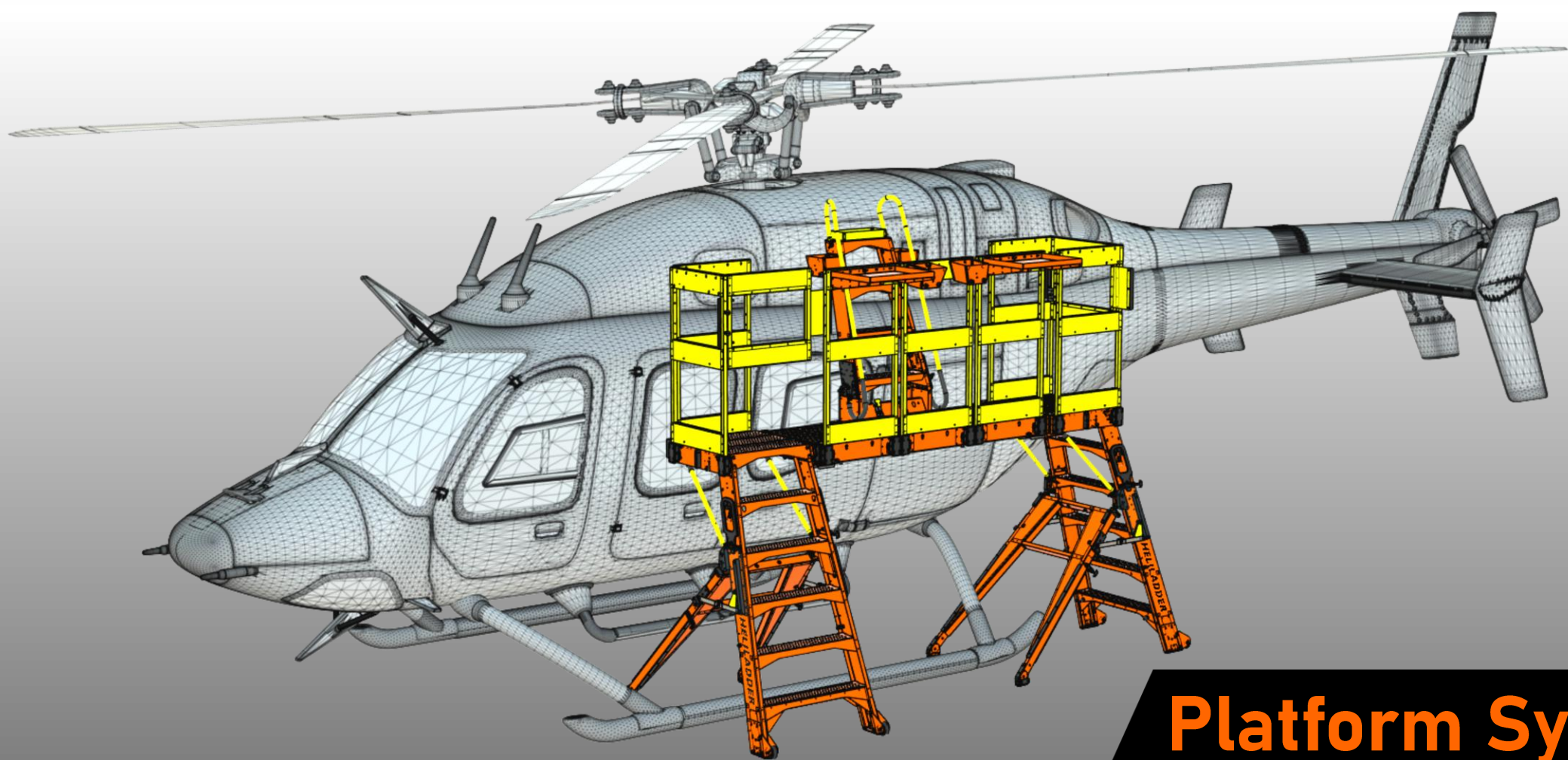


P/N MXPS-SD

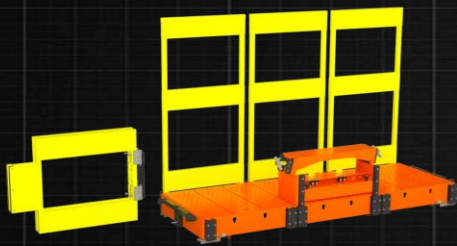
Attach to any MX5
Height: 63" plus 11" Step
Includes: Guardrails, Handrails,
Bumper, 11" Step, & Laptop Tray



Provides Safe Access to:
Engine, Transmission Deck,
Vertical Fin, and Tail Rotor
Assembly for Aircraft on Dollies.



Platform System



P/N MXPS-P70

Connect any two MX5's w/ SD's
Height: 63" plus Optional Ext.
Includes: Guardrails, Extension
Receiver, & Self-Closing Gates



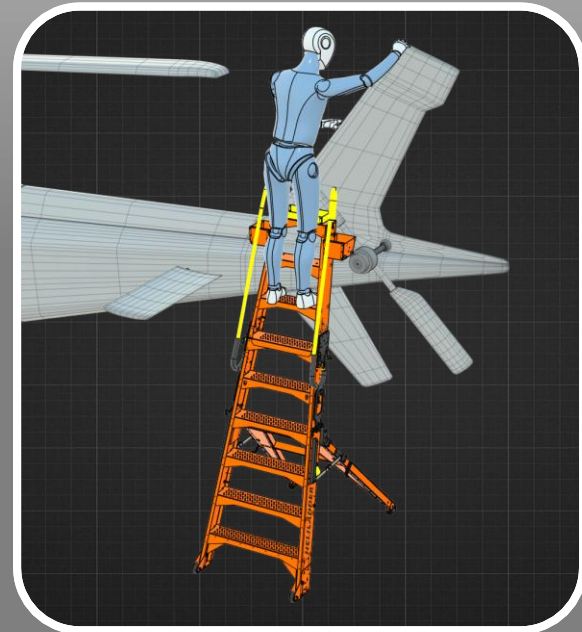
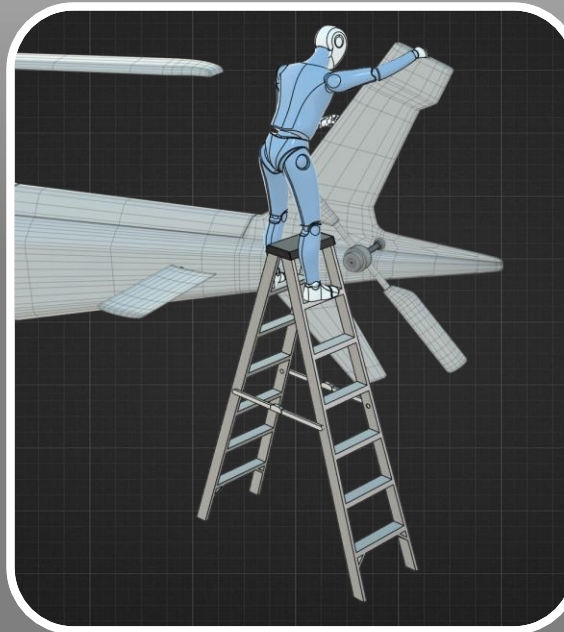
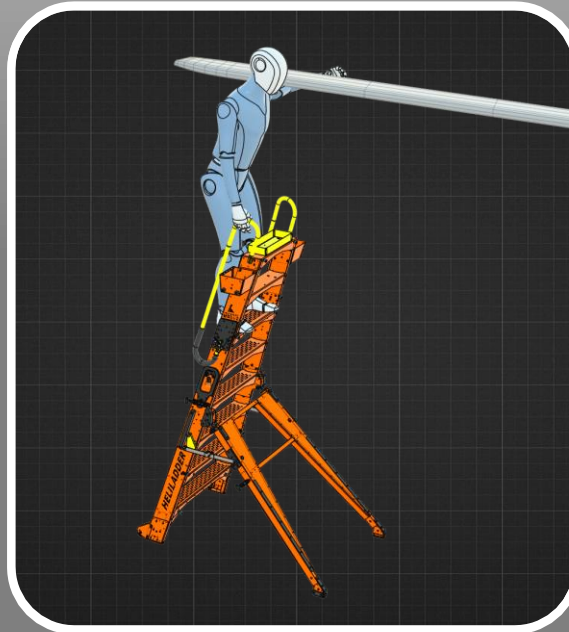
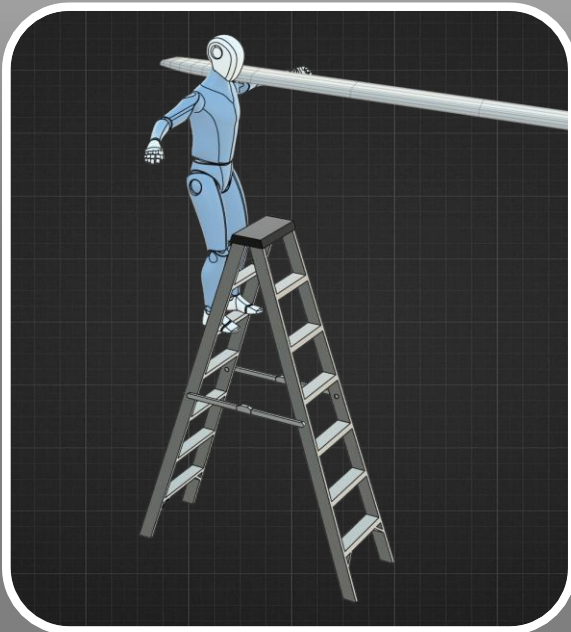
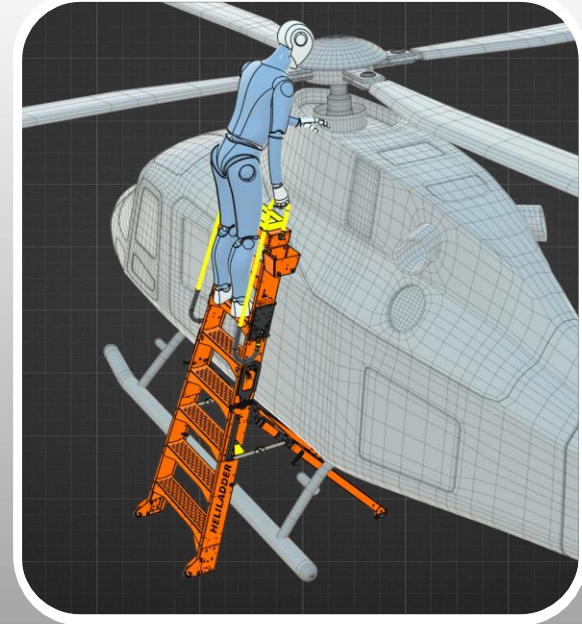
Provides Safe Access to:
Engine, Transmission Deck,
Rotorhead. Excellent for Aircraft
Overhaul and Heavy Maintenance.

Safety Compliance

HeliLadder is a solution for common unsafe practices in the industry, enhancing flight critical maintenance with improved ergonomics.

Compliance: ANSI A14.2 Special-Purpose | Type 1AA

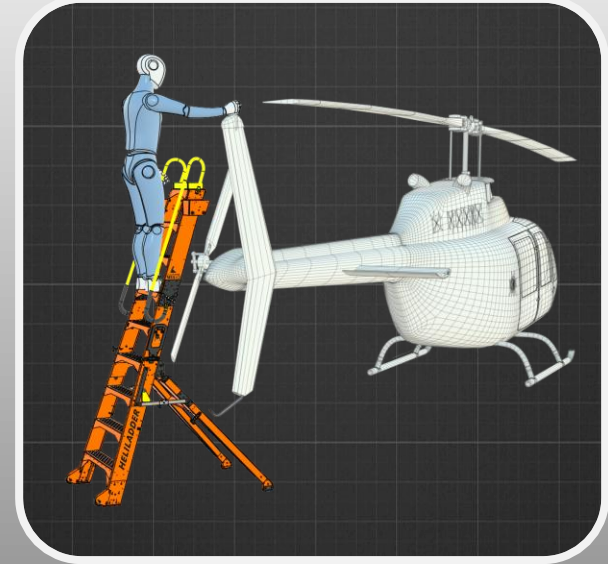
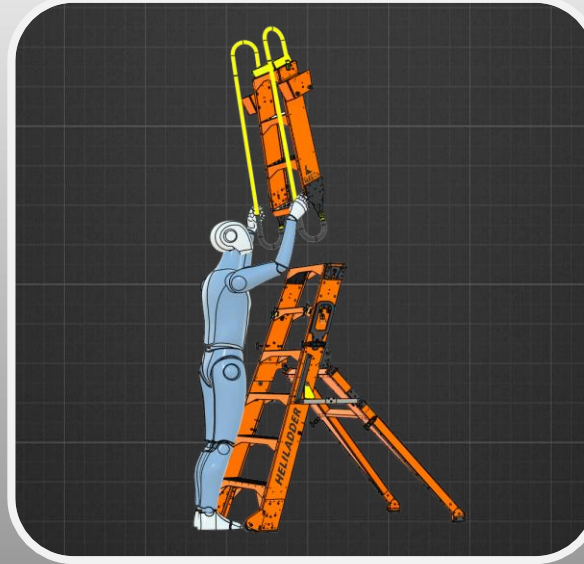
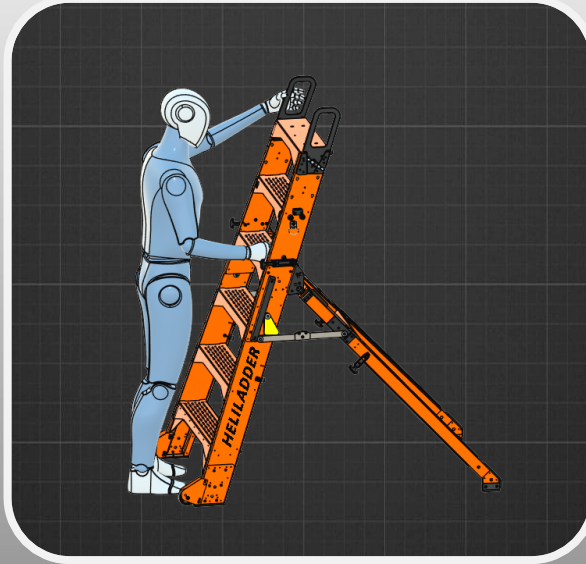
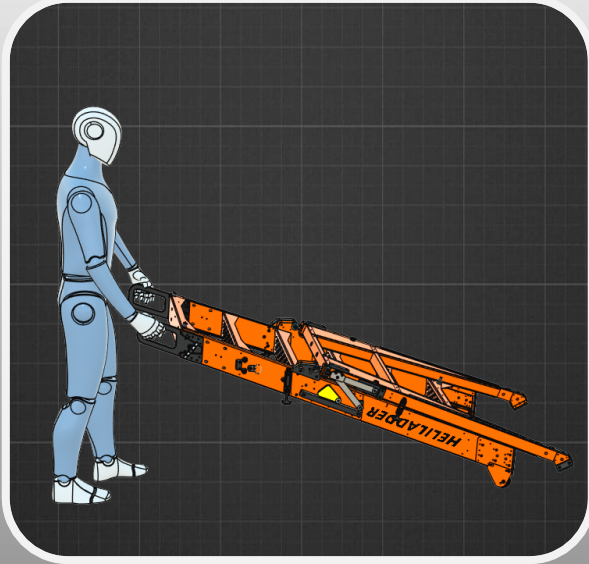
- Safety Handrails
- Wide Dimpled Rungs
- High-Vis Powdercoat
- Ergonomic Shape
- Tool Trays
- Locking Support Braces



MX5 HeliLadder General Usage



MX5 Operations Video

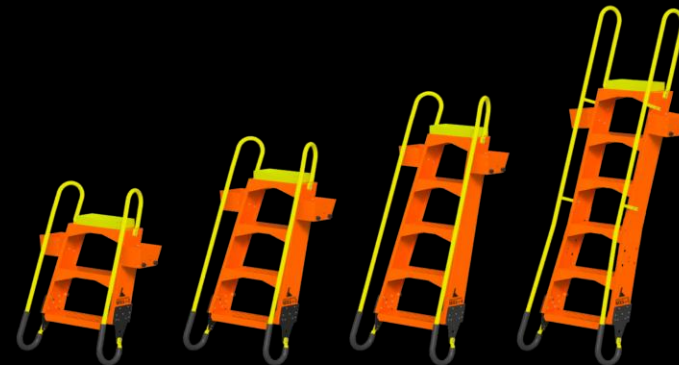


Extensions can be selected to best suit the specific aircraft, task at hand, and technician's height.

Swap out of extensions takes less than 60 seconds.

Standard Extensions

+2	+3	+4	+5
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Walk-Thru Ext.

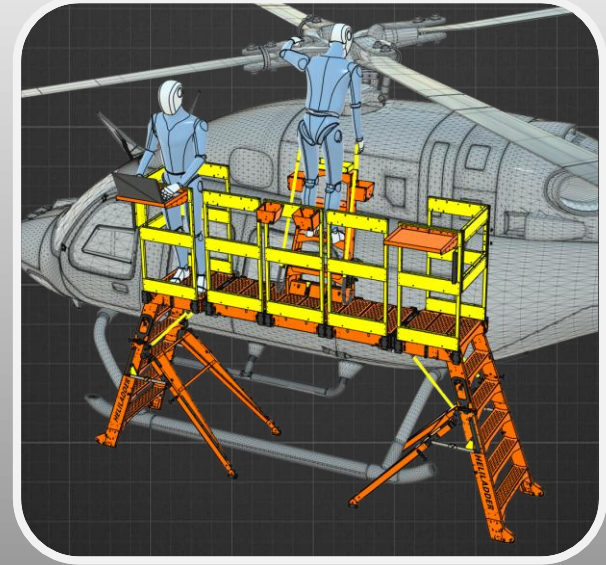
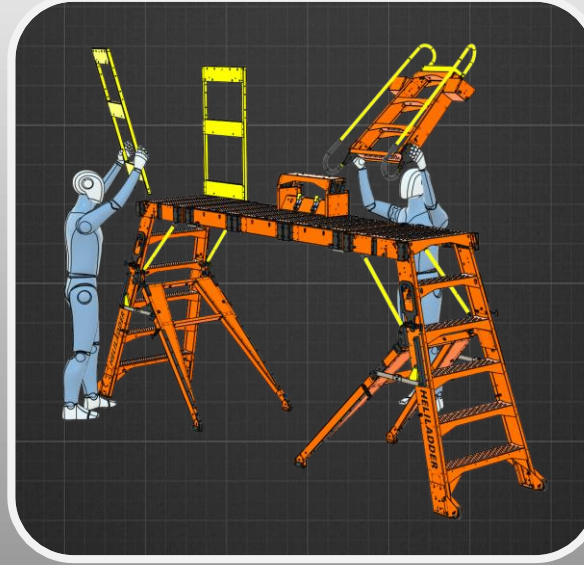
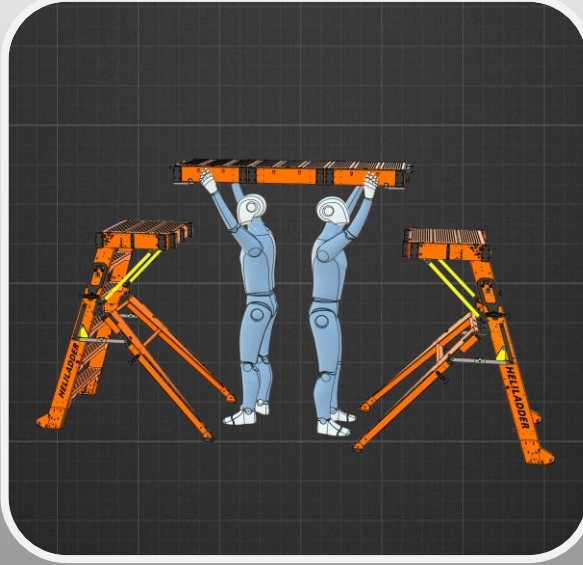
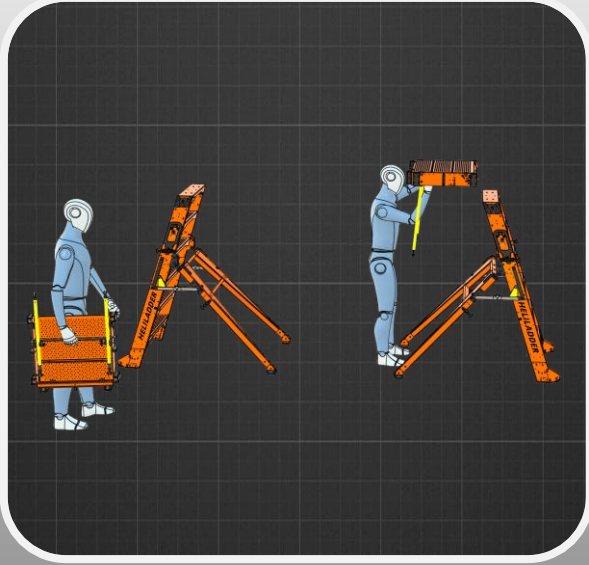
+2WT	+3WT
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Platform System General Usage



MXPS Operations Video



Single and Multi-person platforms are great options for heavier maintenance tasks or when extra fall protection is desired.

Uses the same toolless interface as extensions.

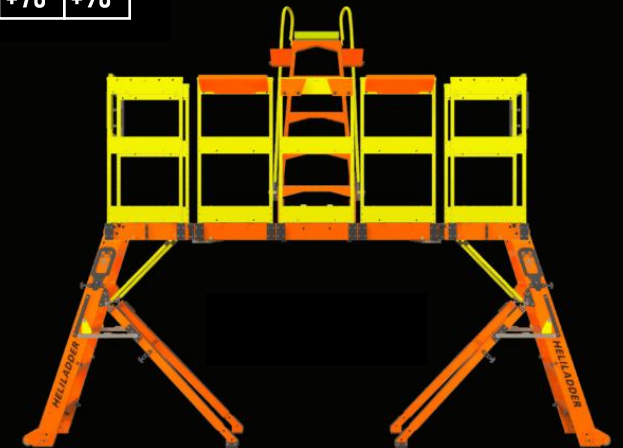
Service Deck

+SD



Maintenance Platform System (MXPS)

+70" +90"

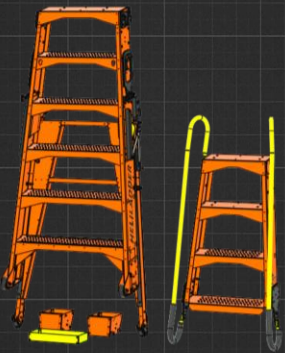


Storage & Transport

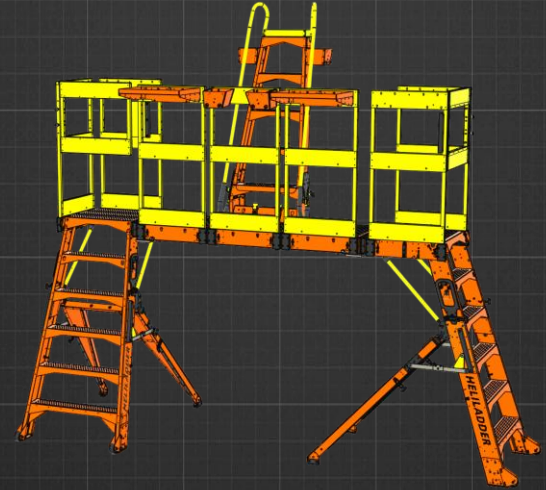
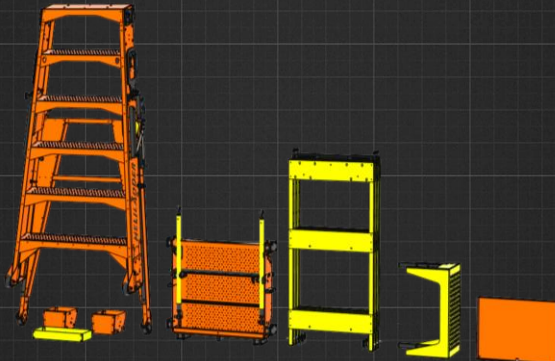
No tools required for setup or breakdown



MX5 with Extension



MX5 with Service Deck



Platform System with Extension



Other MX5 System Products

NSN/DOD Equipment Available

Retractable Wheel Kit

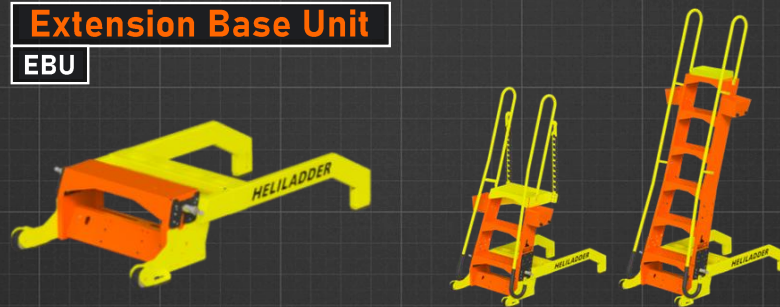
RWK



Facilitates easy movement in any direction.
Install on any MX5, no tools required.

Extension Base Unit

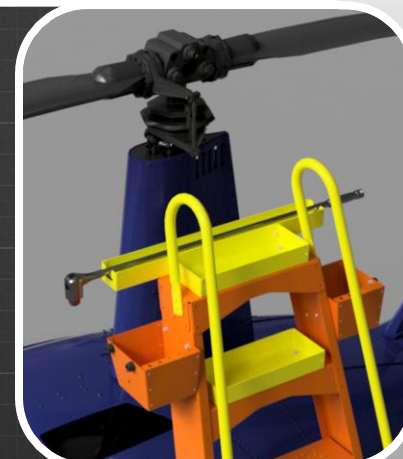
EBU



Interfaces with extensions to serve as a
secondary, lower-level ladder.

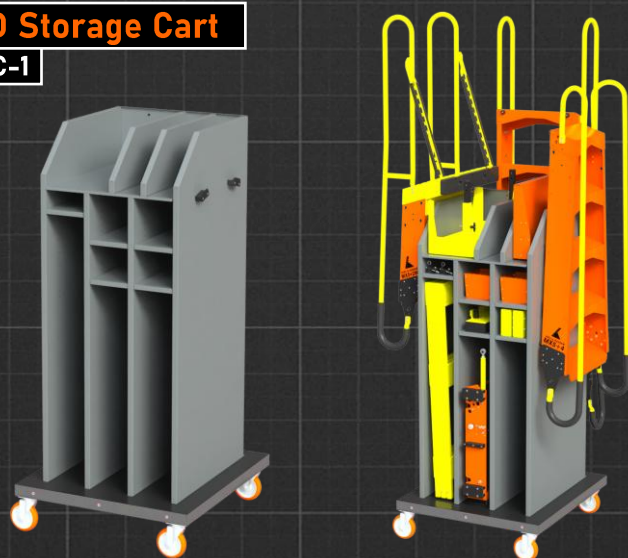
► ADD-ON TQ Wrench Tool Tray

Features padded
cradle cutouts
to accommodate
larger tools.



SD Storage Cart

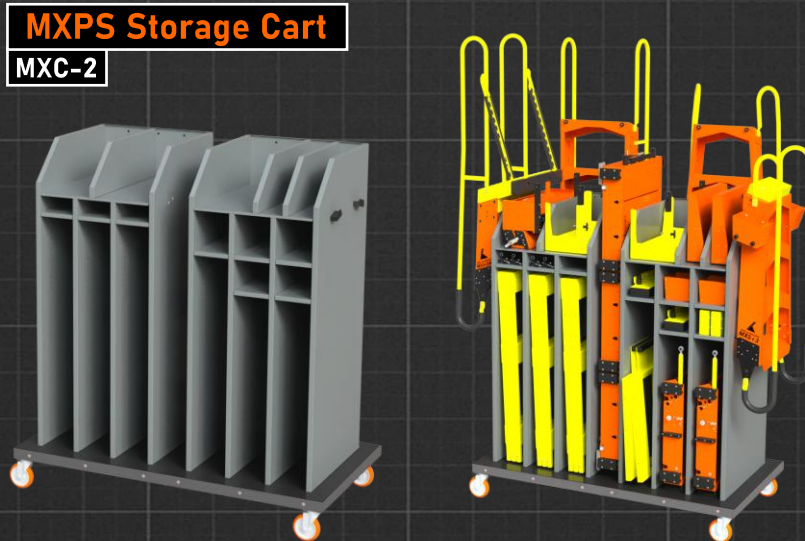
MXC-1



Holds Service Deck and multiple Extensions.

MXPS Storage Cart

MXC-2



Holds Platform System and multiple Extensions.

► ADD-ON High Surface Area Feet

Attaches to
MX5 for use on
uneven ground.



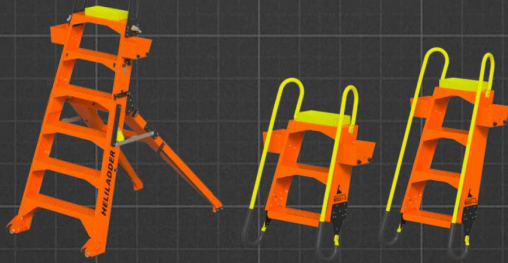
► ADD-ON MX5 Ladder Support Bag

Stow work cards,
tools, and other
essential items.

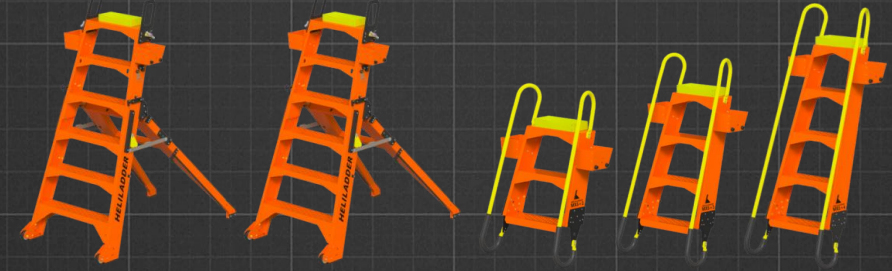


Recommended 429 Packages

Bell Image Gallery



Starter Package: One MX5 with two recommended extensions. Perfect for pre-flights, day-to-day maintenance, and inspections.



Full Access Package: Two MX5s with three recommended extensions. Highly recommended for programs servicing multiple aircraft.



Heavy Maintenance Package: For programs that routinely perform heavy maintenance on one or multiple aircraft, the full Platform System covers it all! Additional ladders or extensions will compliment this package well.

◀ Click the image to see individual components.

Invest wisely.

More information can be found at www.heliladder.com

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CLICK HERE to Request a Quote

