AIRCRAFT MAINTENANCE AND ENGINE ACCESS STANDS

DESCRIPTION

Currently in use at multiple operators, MRO's, and aircraft and engine manufacturers, these units are both designed and in use on Boeing and Airbus wide body aircraft, in addition to the B757.

The line of aircraft maintenance and engine access stands facilitate safe access to nacelles on Pratt & Whitney (PW), GE Aviation (GE) and Rolls-Royce (RR) engines, providing a safe working solution to many of the traditionally difficult under-cowling maintenance locations.

These units are also designed to safely access points outside of cowling, specifically forward and aft pylon maintenance and inspection points, and hard to reach refuel panels and under-wing areas.

The hydraulic pitch and height adjustment allows for the diverse angles and height variables frequently required when maintaining aircraft.

These stands contain extensive aluminum construction for easy movement and corrosion-resistant powder coat finish for longevity.

WHAT OUR CUSTOMERS ARE SAYING

"These stands are an excellent solution to a long-standing problem — providing fall safety protection in difficult to access areas. These stands allow the technicians to work safely and comfortably both under the cowling and over the top of the engine."

NATO N/CAGE CODE: L03Y4

member of NBAA

PRODUCT FEATURES

- Anti-slip, anti-fatigue ladder steps
- Lightweight design
- Tight footprint utilizing minimal floor space
- Significantly upgraded geometry
- Adjustable scissor lift base
- Corrosion and Skydrol®-resistant powder coat finish
- Lightweight aluminum construction
- Fail-safe hydraulic cylinder locks
- Split wheel castors for easy movement
- Stainless steel hardware
- Designed and tested in accordance with ANSI-ASC A14.7 and BS EN 131.7, DIN EN 12312-8, EN 1915-1, and includes CE Certification

BENEFITS

- Full fall restraint provisions
- Anti-fatigue steps rather than narrow ladder rungs
- Hydraulic or optional pneumatic height and angle adjustments
- Access to nose cowls, fan cowls and pylon disconnect zones on PW, GE and RR engines
- Under nacelle access in certain configurations
- Supplementary functions include but not limited to: refuel panels, under-wing areas, aft pressure bulkhead panels and anywhere solid footing is required
- Customizable to individual operational requirements
- Multi-functional design
- Designed to provide a safe solution in a range of climates worldwide
- Built to AOG fly away requirements, lower, roll it onto a cargo "cookie sheet" and go!
- Aluminum construction
- Adjustable scissor lift base only on the DF071554-06 to access outboard engines
- 2 year limited warranty on components
- 10 year limited warranty on structure

AIRCRAFT MAINTENANCE AND ENGINE ACCESS STANDS

AVAILABLE ACCESSORIES

- Air powered pump
- Fork pockets
- Fold away tow bar
- Leveling jacks
- Platform adaptors
- Straight extension
- Utilities package
- 777X pylon extension

TECHNICAL SPECIFICATIONS

MODEL NO.	DF071554-06	DF071554-07-08	DF071554-07-10	DF071554-07-12
DESIGNED FOR	Engine Access, Engines (Under "C" Duct), Outboard Engines, Pylons, Wing Refuel Panel, Bulk Cargo, Aft Pressure Bulkhead Access Panel, APU Servicing, Wing Tip Nav Lights, Flap Canoes / Fairings, Wing Landing Lights, Passenger Windows, Wing Access, Main Entry Door Sills, Windshield Inspections, Pitot Probe Tube Inspections/Replacements, AOA/True Airspeed Probes Inspections / Replacements, Static Port Inspections/Replacements & Trailing Edge Actuator Inspections/Replacements			
AIRCRAFT TYPE	A340, A380, A400, B747, DOUGLAS DC-10/MD-10/ MD-11	A300, A310, A318, A319, A320, A321, A330, B717, B727, B747, B757, B767, B787, Bombardier CRJ, E-170, E-190, McDonnell Douglas DC-9 Super 80/ MD-80	A300, A330, A340, A350, A380, B757, B777, Lockheed L-1011	B777X & 777 Legacy
MOVEMENT	2 Persons	1 Person	1 Person	1 Person
TOWING SPEED	6 MPH / 10 KPH	6 MPH / 10 KPH	6 MPH / 10 KPH	6 MPH / 10 KPH
FOOTPRINT	89 ⅞″ x 161 ¾″ / 228.2cm x 411.8cm	87 ¾″ x 122 ⅞″ / 223.4cm x 312.1cm	87 ¾″ x 122 ⅞″ / 223.9cm x 312.1cm	87 ¾″ x 122 ⅞″ / 223.9cm x 312.1cm
SHIPPING (DIMS)	89 11⁄16″ x 64 ½″ x 163 3⁄16″ x 2,400 lbs / 227.8cm x 163.8cm x 414.4cm x 1,088.6kg	88″ x 50″ x 123″ x 1,050 lbs / 223.5cm x 127cm x 312.4cm x 476.2kg	88″ x 52″ x 128″ x 1,100 lbs / 223.5cm x 132cm x 325.1cm x 498.9kg	88″ x 52″ x 108 ¼″ x 1,150 lbs / 223.5cm x 132cm x 274.9cm x 521.6kg
HEIGHT	Low: 126 ½″ / 321.3cm High: 239 ¼″ / 607.6cm	Low: 129 7⁄16″ / 328.7cm High: 183 ⅜″ / 465.7cm	Low: 152 ⅜″ / 387cm High: 207″ / 525.7cm	Low: 187 ¼″ / 475.6cm High: 224 ½″ / 570.2cm
WEIGHT CAPACITY	330 lbs / 150 kg	330 lbs / 150 kg	330 lbs / 150 kg	330 lbs / 150 kg
CERTIFICATIONS	ANSI-ASC A14.7, BS EN 131.7, CE, DIN EN 12312-8 & EN 1915-1			
ANGLES	73-83 Degrees	73-83 Degrees	73-83 Degrees	52-75 Degrees
MATERIAL	Ladder: Aluminum Frame: Steel	Ladder: Aluminum Frame: Aluminum	Ladder: Aluminum Frame: Aluminum	Ladder: Aluminum Frame: Aluminum
FINISH	Powder Coated Finish	Powder Coated Finish	Powder Coated Finish	Powder Coated Finish
NUMBER OF USERS	1 User	1 User	1 User	1 User
CASTOR DETAILS	8″ / 20.3cm Split Castor with Brake and Swivel Lock	8″ / 20.3cm Split Castor with Brake and Swivel Lock	8″ / 20.3cm Split Castor with Brake and Swivel Lock	8″ / 20.3cm Split Castor with Brake and Swivel Lock
CONTROLS	Hydraulic Foot Pump	Hydraulic Foot Pump	Hydraulic Foot Pump	Hydraulic Foot Pump
FULLY EXTENDED	Ladder: 128 Strokes Tilt: 43 Strokes Scissors: 86 Strokes	Ladder: 57 Strokes Tilt: 23 Strokes	Ladder: 57 Strokes Tilt: 23 Strokes	Ladder: 57 Strokes Tilt: 23 Strokes
FALL RESTRAINT ANCHOR POINTS	Equipped	Equipped	Equipped	Equipped
PADDING MATERIAL	Equipped	Equipped	Equipped	Equipped