

# Aviation

## Access Platforms and Docking Systems



**Custom access solutions**



**Modular system**



**Scaffolding systems**



**Universal equipment**

# Aviation

## Maintenance Platforms and Docking Systems

**Metaltech & Instant UpRight are global leaders in the design, manufacturing & installation of specialty access platforms for the aviation industry. We offer a variety of universal stands, custom access solutions, scaffolding systems and modular docks and maintenance stands to facilitate heavy maintenance, repair and overhaul, unit service and inspection checks. The Metaltech & Instant UpRight Aviation systems are adaptable for a variety of applications from small regional aircraft types to large aircraft and narrow body to wide body.**

**With more than 40 years experience in the Aviation Industry we have a deep understanding of the needs of Maintenance, Repair and Overhaul operations in the civil, military, helicopter and aerospace industry.**

Our design engineers have a combined 100 years experience. Engineering support is maintained throughout the life of the project from concept, design, product specification to installation and after sales.

The Metaltech & Instant UpRight Aviation Systems include:

- **Custom Access Solutions** - unique systems designed and manufactured to the client's specifications from single point access to complete wraparounds. Custom stands are available with fixed or height adjustable bases. Additional services are available such as jacking, electrics and pneumatics.
- **Modular Systems** - access stands designed for a specific aircraft application or a combination of aircrafts. Can be combined with other modules to provide a large range of maintenance services.
- **Scaffolding Systems** - access systems which use a combination of standard aluminum and steel components to provide increased versatility for a wide range of maintenance projects. Same stock can be utilized time and time again in different configurations giving the client higher utilization and increased return on investment.
- **Universal Equipment** - standard low level off-the-shelf access stands ideal for use out on the flight line, quick to assemble and easy to maneuver.





# From Design to Installation



The Modular Aircraft Staging Systems are constructed from light-weight aluminum sections combined with galvanized steel components and heavy duty casters. This provides high rigidity modules which can be moved around the aircraft with ease.



Lightweight systems constructed from heavy-duty aluminum provide strength, durability and speed of assembly, ideal for painting and general maintenance tasks.



A range of modules are available with fixed or adjustable heights to cover line maintenance.



Category III docking systems generally have a high steel content for the main structure with an element of aluminum used for low-stress areas.



Access stairs are available off-the-shelf or can be customized for all types of applications including Category I operations.



Each system is designed using standard components where possible to the most cost-effective solution.

## Why choose Metaltech-Instant Upright

**We are specialists in the design and manufacture of Aluminum Aircraft Maintenance Docks and Systems with over 40 years experience in the industry**

**Through this experience we can focus on customers' critical issues: Operation Efficiency, Downtime costs, Safety, Ease of Use and Projects coming in on Budget**

**We work with our clients from concept through to installation providing on-site consultation, commissioning and detailed technical manuals are provided.**

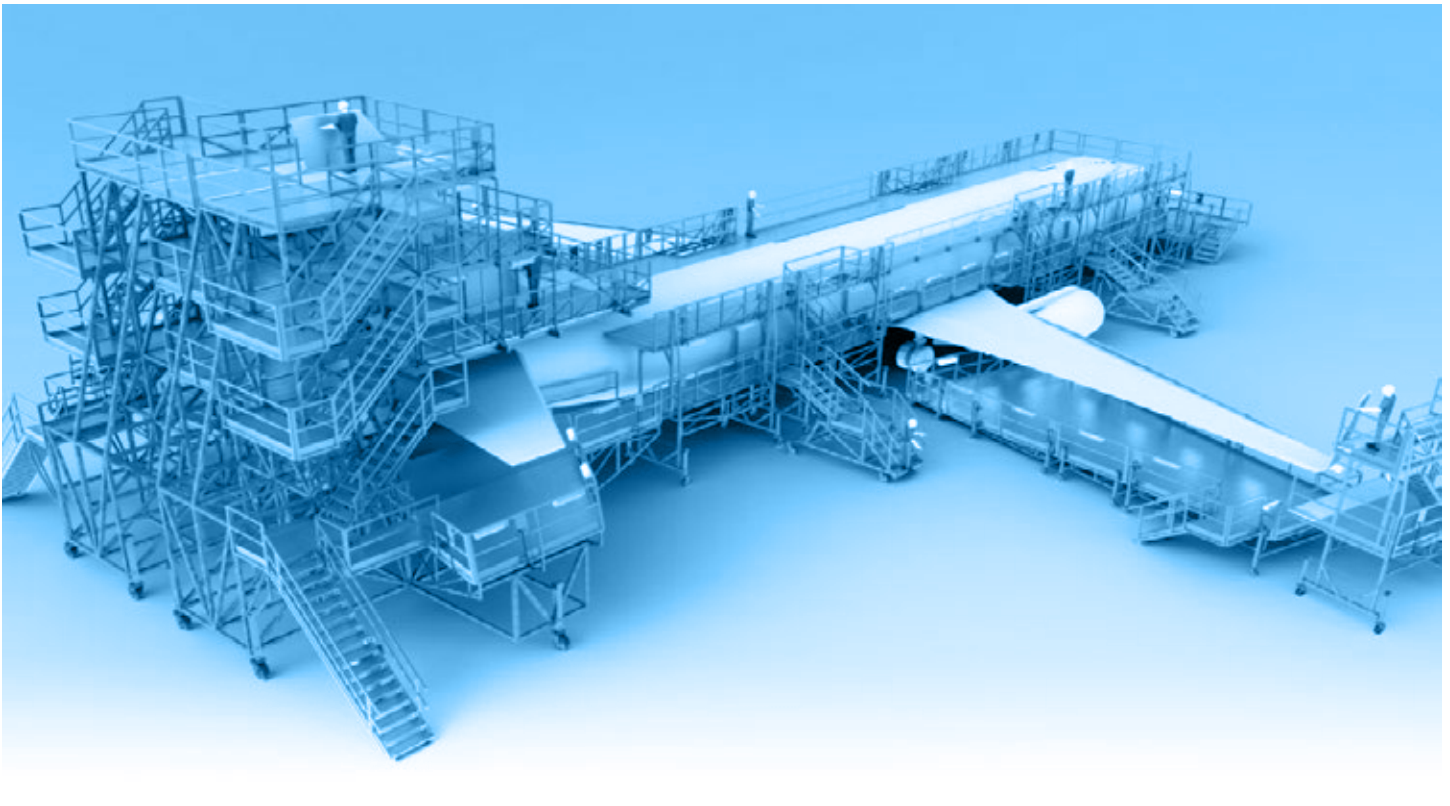
**We provide outstanding Project Management, Technical and Customer Support at manufacturers and regional level**

**Outstanding pedigree in bidding with industrial, commercial, military and the government.**

**Complete Ground Support Equipment package, OSHA and CSA compliant. Our welders are CWB certified.**

1 800 363-7587





**Above:** Tanker Work Stand PROTOTYPE in the making!

## Key Advantages of Metaltech & Instant UpRight Aviation Systems

- Lightweight aluminum structures designed to position closely and accurately to simple or complex contours of the aircraft allowing work to be carried out with ease, safely and efficiently
- Minimum contact with the aircraft avoiding any damage to the skin of the plane in comparison to heavy cumbersome substitute products in the market
- The lightweight aluminum provides easy maneuverability resulting in less down time - the stands are easy to handle, weigh 50% less than a steel stand and can be moved with ease by 2 or 3 operators
- Stands are highly durable - do not rust and require minimal maintenance, saving both time and money
- Our stands are highly flexible and variable - stand alone mobile stands or can be integrated as part of a complete system and docking systems can be designed to accommodate multiple aircraft types - significantly reduced stand inventory
- Fully compliant with International Safety Standards

## Customer References

- Aer Lingus
- Bombardier
- Boeing Aircraft Corporation
- British Aerospace
- British Airways
- Charles de Gaulle Airport
- Delta Airline
- Kuwait Airways
- Malaysian Airlines
- Monarch
- SRS Aviation Services
- Shannon Aerospace
- Thai Airways International
- U.S. Air Force
- Ministry of Defense



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