

# CANTILEVER WORK PLATFORMS

## WORK PLATFORM SOLUTIONS

- STAR ALUMINIUM CANTILEVER WORK PLATFORMS ARE MANUFACTURED FROM DURABLE YET LIGHTWEIGHT ALUMINIUM ALLOY
- ENGINEERED WITH A CLEARANCE HEIGHT THAT ALLOWS FOR CONVENIENT POSITIONING AGAINST OR OVER THE ACCESS AREA.
- ROBUST CONSTRUCTION WITH CHECKER-PLATE DECK SURFACE FOR SECURE FOOTING.
- EACH UNIT ENGINEERED TO SUPPORT WHS REQUIREMENTS
- SUPPLIED FLAT-PACKED TO REDUCE FREIGHT COSTS.
- MAJOR COMPONENTS FULLY WELDED: SIMPLE ON-SITE ASSEMBLY WITH TOOLS, FIXINGS AND INSTRUCTIONS PROVIDED
- BACKED BY A LIFETIME STRUCTURAL WARRANTY.

**1999**  
ESTD

**STRUCTURAL**  
LIFETIME WARRANTY

**27+**  
YEARS IN  
BUSINESS

**MANUFACTURED**  
TO AS/NZS STANDARDS

**200**  
KG  
LOAD RATING

**CUSTOM DESIGN**  
AVAILABLE



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PRODUCT NAME	PLATFORM HEIGHT	CLEARANCE HEIGHT	PLATFORM AREA	CANTILEVER LENGTH	APPROX. WEIGHT	TOTAL BASE LENGTH
STAR CLP3	900 mm	800 mm	1000x2000 mm	950 mm	75KG	2291 mm
STAR CLP4	1200 mm	1100 mm	1000x2000 mm	950 mm	80KG	2415 mm
STAR CLP5	1500 mm	1400 mm	1000x2000 mm	950 mm	92KG	2539 mm
STAR CLP6	1800 mm	1700 mm	1000x2000 mm	950 mm	100KG	2658 mm
STAR CLP7	2100 mm	2000 mm	1000x2000 mm	950 mm	110KG	2782 mm
STAR CLP8	2400 mm	2300 mm	1000x2000 mm	950 mm	120KG	2907 mm
STAR CLP9	2700 mm	2600 mm	1000x2000 mm	950 mm	145KG	3031 mm
STAR CLP10	3000 mm	2900 mm	1000x2000 mm	950 mm	155KG	3155 mm
STAR CLP11	3300 mm	3200 mm	1000x2000 mm	950 mm	175KG	3279 mm



**SECURE REAR GATE**  
Ensures easy access and keeps the platform enclosed during use.

**SWIVEL LOCKABLE WHEELS**  
Heavy-duty lockable castors for easy maneuverability and secure positioning.

**BOOM ARM**  
The hinged boom arm opens for safe ladder access and closes once on the platform to maintain continuous edge protection.

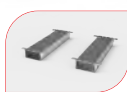
**ANTI-SLIP CHECKER PLATE**  
Slip-resistant checker-plate surface. Secure footing during loading tasks.

**SAFETY YELLOW HANDRAILS**  
Powder-coated aluminium handrails provide clear visual guidance at ladder access points, improving edge awareness and user safety during ascent, descent and platform use.

**100 MM ANTI SLIP TREADS**  
Slip-resistant aluminium ladder treads ensure secure footing and stability, even in wet or dusty conditions.

**FITTED COMPLIANCE PLATE**  
Supports WHS requirements and site compliance.

### OPTIONAL



FORKLIFT POCKETS



OPTIONAL SAFETY HOOP



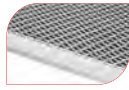
ALL-TERRAIN KIT



D BUMPERS



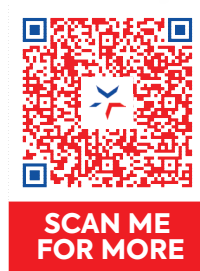
ANTI SLIP BULL NOSING

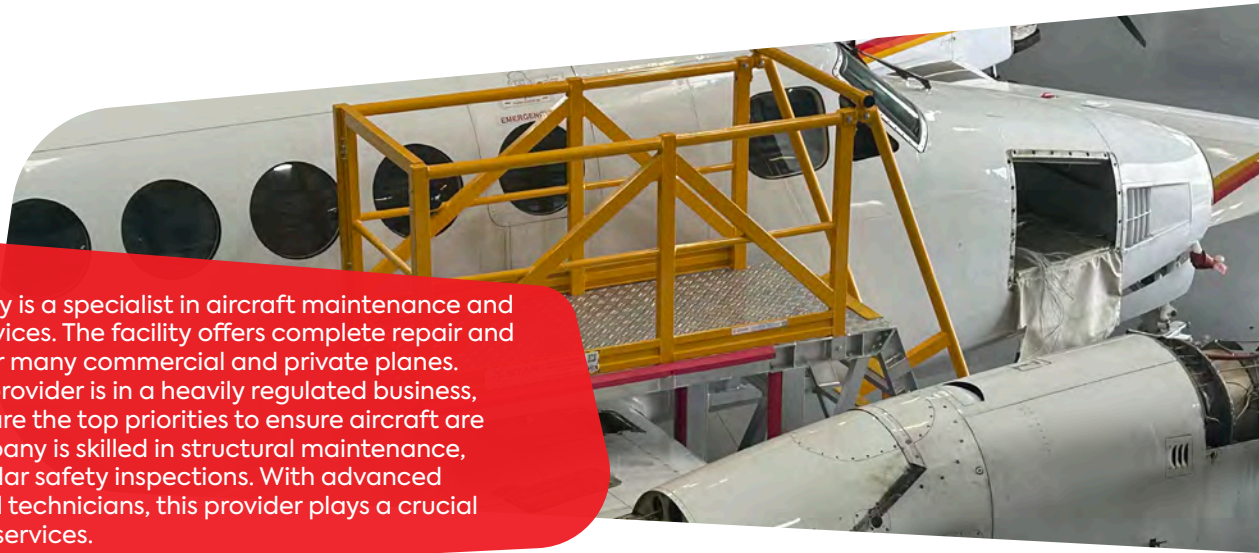


GRID MESH DECK



SET OF PLATFORM WINGS





This Aviation Company is a specialist in aircraft maintenance and technical support services. The facility offers complete repair and inspection services for many commercial and private planes. Because this service provider is in a heavily regulated business, precision and safety are the top priorities to ensure aircraft are ready to fly. The company is skilled in structural maintenance, engine work and regular safety inspections. With advanced equipment and skilled technicians, this provider plays a crucial part in local aviation services.

## PROJECT USE-CASES

AN AVIATION COMPANY

### PROJECT FOCUS

This aviation company required a specialised solution to access difficult areas on their aircraft during maintenance. The operators approached Star Aluminium with several specific challenges:

- ✘ A safe method was needed to reach elevated sections of the aircraft, including the roof and fuselage.
- ✘ The project required a design that could safely extend over the wings without making direct contact with sensitive surfaces.
- ✘ Improving technician safety while working at heights was a primary requirement for the facility.
- ✘ The solution had to be durable enough for daily use in a high-traffic hangar environment.
- ✘ Streamlining the inspection process for hard-to-reach areas was a key goal for the maintenance team.



### THE ENGINEERED SOLUTION

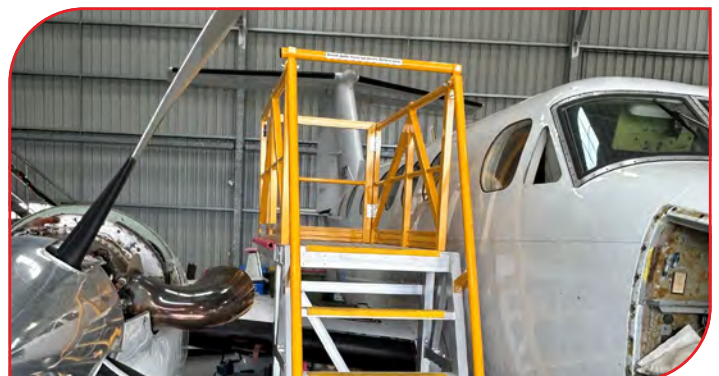
Star Aluminium delivered a customised cantilever platform engineered for precise aviation access:

- ✘ A cantilever design allows the platform to extend over the aircraft wing for close-up access.
- ✘ Integrated D-bumpers provide a soft interface to protect the aircraft exterior from accidental contact.
- ✘ High-visibility powder coating ensures the equipment is easily seen in the hangar for increased safety.
- ✘ Anti-slip treads are fitted to all steps and platforms to ensure a secure footing for technicians.
- ✘ The flat-pack design allows for efficient shipping and easy assembly on-site.

### THE COMMERCIAL ADVANTAGE

Implementing this custom-engineered cantilever system provided significant benefits to the company's maintenance operations:

- ✘ Technicians can now access critical areas faster, leading to a reduction in aircraft downtime.
- ✘ The risk of workplace injuries has been reduced through the use of purpose-built safety features.
- ✘ The protective bumpers prevent costly damage to aircraft surfaces during the maintenance process.
- ✘ Operational productivity has increased as inspections and repairs are completed with greater ease.
- ✘ The durable, powder-coated finish ensures a long service life with minimal maintenance costs for the equipment.





## SITE APPLICATIONS

These platforms provide operational flexibility in areas where direct access is restricted or ground-level obstacles exist. Ideal for specialised tasks such as aircraft fuselage and wing maintenance, servicing conveyor lines, or accessing tank tops, they allow personnel to reach targets "up and over" safely. The mobile design ensures easy positioning within the facility, significantly reducing maintenance and assembly times.

