

Keep Maintenance Platforms Rolling!

Mechanics, maintenance platforms allow you to get to places on your aircraft that are hard to reach.

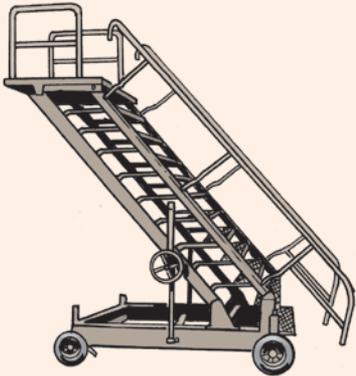
Getting the most out of your maintenance platform depends on putting your best efforts into PMCS to keep them safe, sturdy, mobile, adjustable, and dependable.

Check out TM 1-1730-201-13&P for tips on the B-1 platform, NSN 1730-00-390-5618. Check out TM 1-1730-215-13&P for tips on the B-4A platform, NSN 1730-00-294-8883. Then follow these tips:



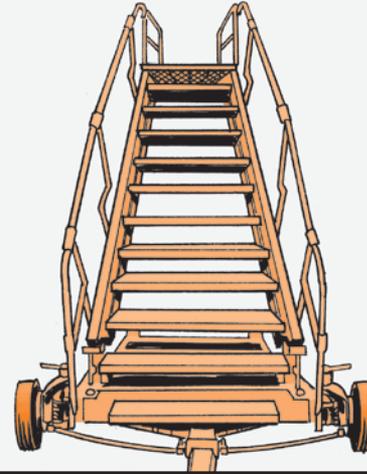
B-1 Maintenance Platform

Note: The B-1 maintenance platform tips below apply to the old, yellow B-1 stand which was supported by TM 55-1730-223-13. The TM is now obsolete. So, use these tips to take care of any yellow platforms you still have in your hangar.

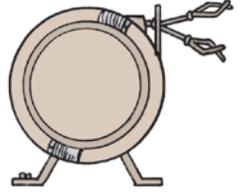


The newer, green B-1 maintenance platform is supported and maintained by TM 1-1730-201-13&P. The two stands look slightly different but they have the same NSN. For other ground support equipment check out Chapter 9 of TM 1-1500-204-23-9 for maintenance stand information.

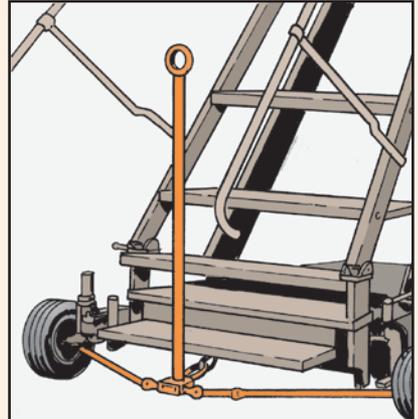
✓ The platform should be complete with handrails in place. Repair or replace any corroded, cracked, bent or missing parts on the frame, handrails, steps and platform.



✓ Check the static discharge reel for missing alligator clips and frayed or damaged static wire. Make sure the reel turns freely.

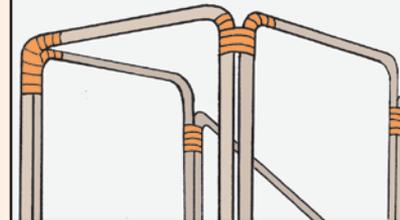


✓ Inspect wheels and casters for proper operation. Check for proper lube and make sure wheels are not worn out.

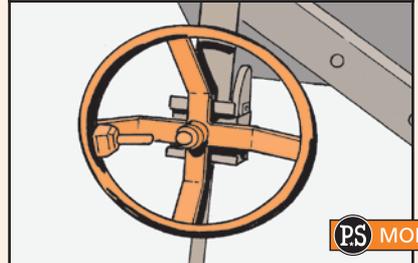


✓ Make sure the lunette assembly isn't badly bent, cracked or missing pieces like the steering pin, tie rods, detent pins or the tongue.

✓ Always remove the rail from the side of the platform that will be flush against the aircraft. Whenever all four rails are installed, reinforce them by taping the corners of the rails where they meet. Use some duct tape, NSN 5640-00-103-2254.



✓ Check the handwheel for a broken collapsible handle and any grinding or binding. The same goes for the jackscrew. Check it for cracks in the bellows, grinding noise during operation or binding due to a lack of lubrication.



✓ Make sure the immobilizing jacks are working right. Set the foot pedals on the jacks so the platform doesn't move when the jacks are in place. If foot pressure doesn't easily set the jack pads, grease their pivot points.

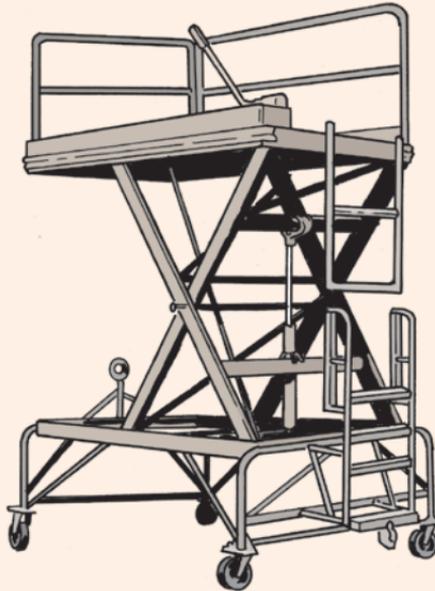
B-4A Maintenance Platform

✓ Do all PMCS like it says in WP 0011 00 of TM 1-1730-215-13&P.

✓ Inspect hydraulic hoses for leaks, cracks and other damage.

✓ Check for proper fluid levels for reservoir pump.

✓ Check actuating cylinder for leaks.



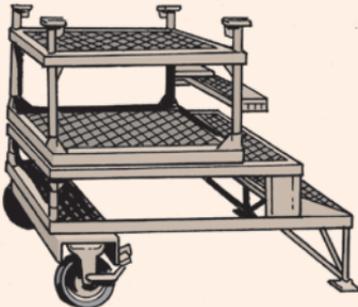
✓ Clean off dirt and grime from roller channels, ladder guides, and scissors pivot points.

✓ Make sure swivel casters are not broken or chipped and wheels have no cracks.

✓ Set each caster brake to make sure there is no platform movement

Low-Level Maintenance Platform

The low-level maintenance platform, NSN 1730-00-269-8283, gets its fair share of use, too. It doesn't require much more than a visual inspection and it has no TM to support it. But it does have replacement parts you can use to keep it in good shape. Here are the parts you can order:



- **Rigid caster**, NSN 5340-01-340-8799
- **Quick release pin**, NSN 5315-00-935-8804
- **Latch assembly clamping catch**, NSN 5340-00-787-3209. This NSN gets the complete assembly. To order its components, use NSN 5340-01-295-4896 for the catch strike and NSN 5340-00-821-0304 for the clamping catch.
- **Spring-loaded clamping latch catch**, NSN 5340-00-860-3862

Make a note that while the low level maintenance platform has no TM support, it does require a load test certification like it says in Para 3 and 4 of TB 43-0142.

Lifting devices like maintenance platforms must have an initial load test certification document from the manufacturer or one from a repair activity when the equipment is new, extensively repaired or altered.

If you don't want your maintenance platforms to let you down, do your part. Then they can hold you up for the next maintenance job.