

MTX 96-103 Maintenance Stand Operations & Parts Manual

Maintenance Schedule



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- Overview •



The MTX96-103 Maintenance Stand is designed to accommodate Ground crew access to the L1 door of the 737 aircraft. The MTX Stand is lightweight and easily maneuvered and deployed by one individual in less than 1 minute. The MTX Maintenance Stand is designed to allow access of the aircraft cabin for routine maintenance. With functionality and safety in mind, the MTX Maintenance Stand is both safe and seamless.

• Specifications •



MTX96-103 Maintenance Stand

Overall Height	146"
Overall Length	153"
Overall Width	98"
Maximum Weight Capacity	500 lbs.
Total Weight	886 lbs.

• Operations •

•Engaging/Releasing the Brakes •



The stand should be inspected before each use to assure a clean and unobstructed pathway, and that all parts are secured and in good working order.

1. The brake handle is located at the right rear of the stand.



2. Pull the handle down to release the brake.



3. Ensure the brake plate is properly released from the locking gears.

Image showing brake plate engaged

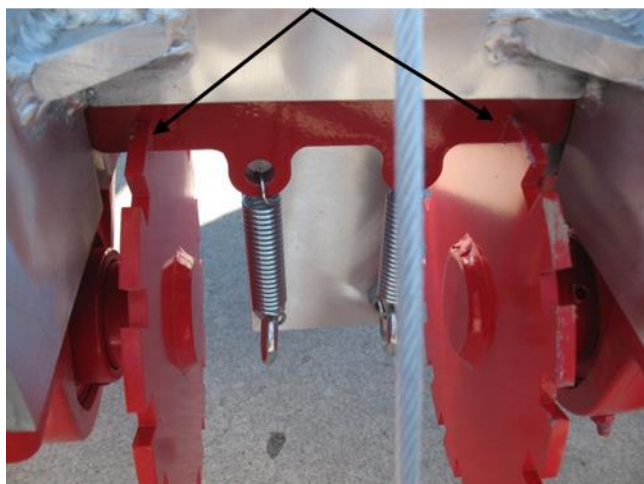
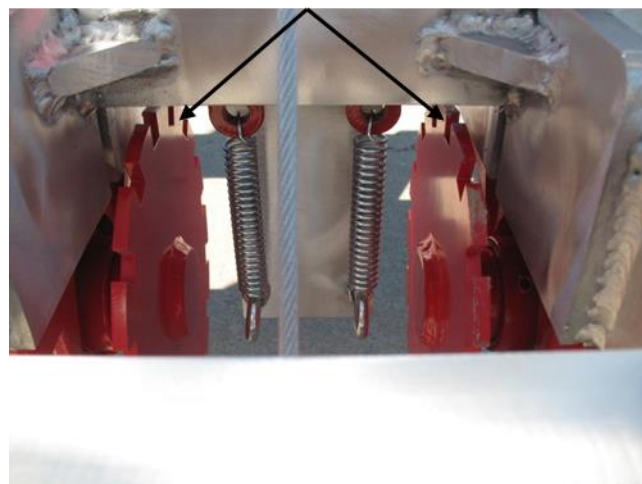


Image showing brake plate released



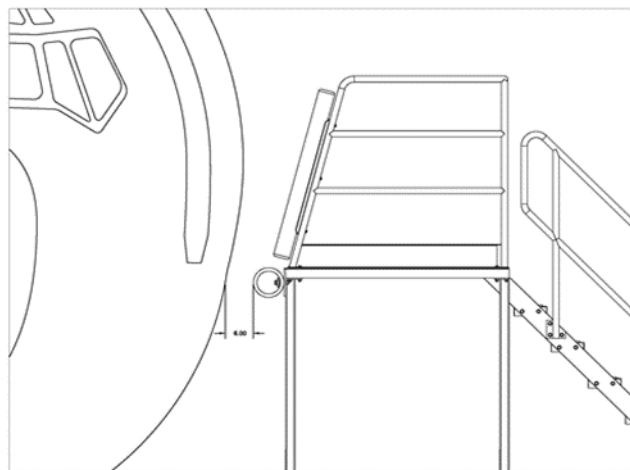
• Operations •

•Positioning the MTX Stand •

1. Carefully push the ramp up to the aircraft.



2. Position the stand approximately 6 inches from the exterior of the aircraft.



To avoid damaging the aircraft, do not position the stand so that it is touching the fuselage.

• Operations •

•Stabilizing the MTX Stand •



Do not ascend/descend the stand prior to engaging the stabilization feet.

1. Engage the stabilizing feet by pulling the lever up towards the rear of the stairs. Continue until the lever stops and “locks” into place.



Disengaged



Engaged

2. Repeat this process for the opposite side



3. With the stabilizers engaged, it is now safe to use the stairs.



To prevent physical injury, do not stand directly in the path of the stabilizer handle when disengaging.



• Preventative Maintenance •

The following is a general maintenance checklist which covers the major components of your MTX96-103 Maintenance Stand. It is recommended that the following be checked regularly as scheduled to ensure proper function, longevity, and safety.

COMPONENT	SUGGESTED ACTION	SCHEDULE		
		Quarterly	Bi-Annually	Annually
WHEELS	Grease wheels			
STRUCTURAL	General Check: Loose bolts, etc. tightened. Cracks, broken areas.			
HANDRAILS	General Check: cracks			
BRAKES	Adjust as needed			

• How to Order Replacement Parts •

When ordering replacement parts:

- Contact the KCI parts dept. at (541) 830-4877 or email msankey@kci.nu
- Give the Model Number, Serial Number, and Mfg. Date) to the parts representative.
- If possible, give the part number and a description from the parts list. Or describe the needed part(s) to the best of your ability.
- If you are in a breakdown situation, please tell us, we will try to get your unit operational as soon as possible.



Serial Number
(The ID Plate is located on the frame.)

Mfg. Date
(You may be asked the Mfg. Date of your unit, have it ready if you are asked for it)



•Preventative Maintenance •

•*Lubrication of the MTX Stand* •

Each front axle has two grease points



Each rear swivel caster has two grease points



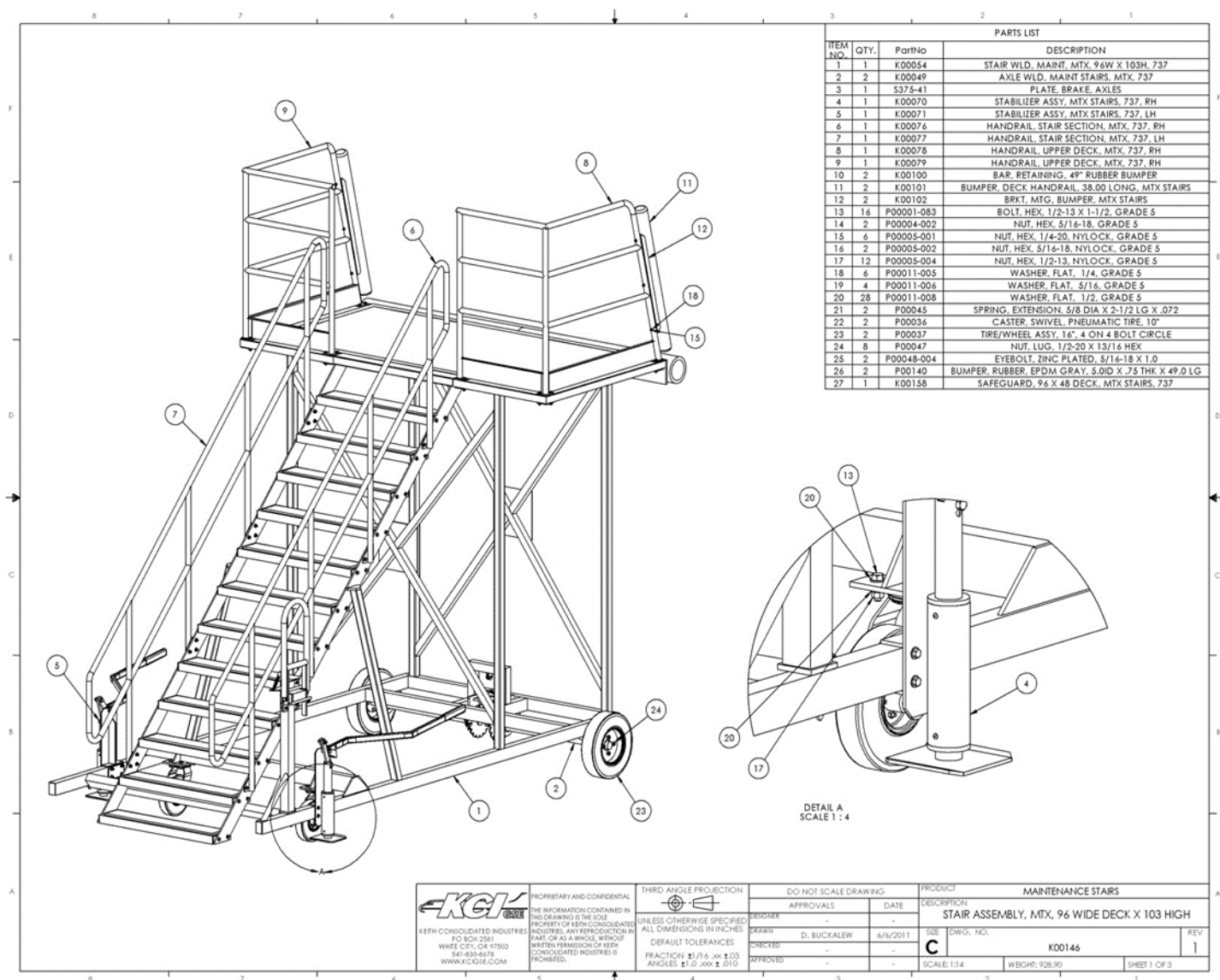
•Preventative Maintenance •

•*Adjusting the Brakes* •

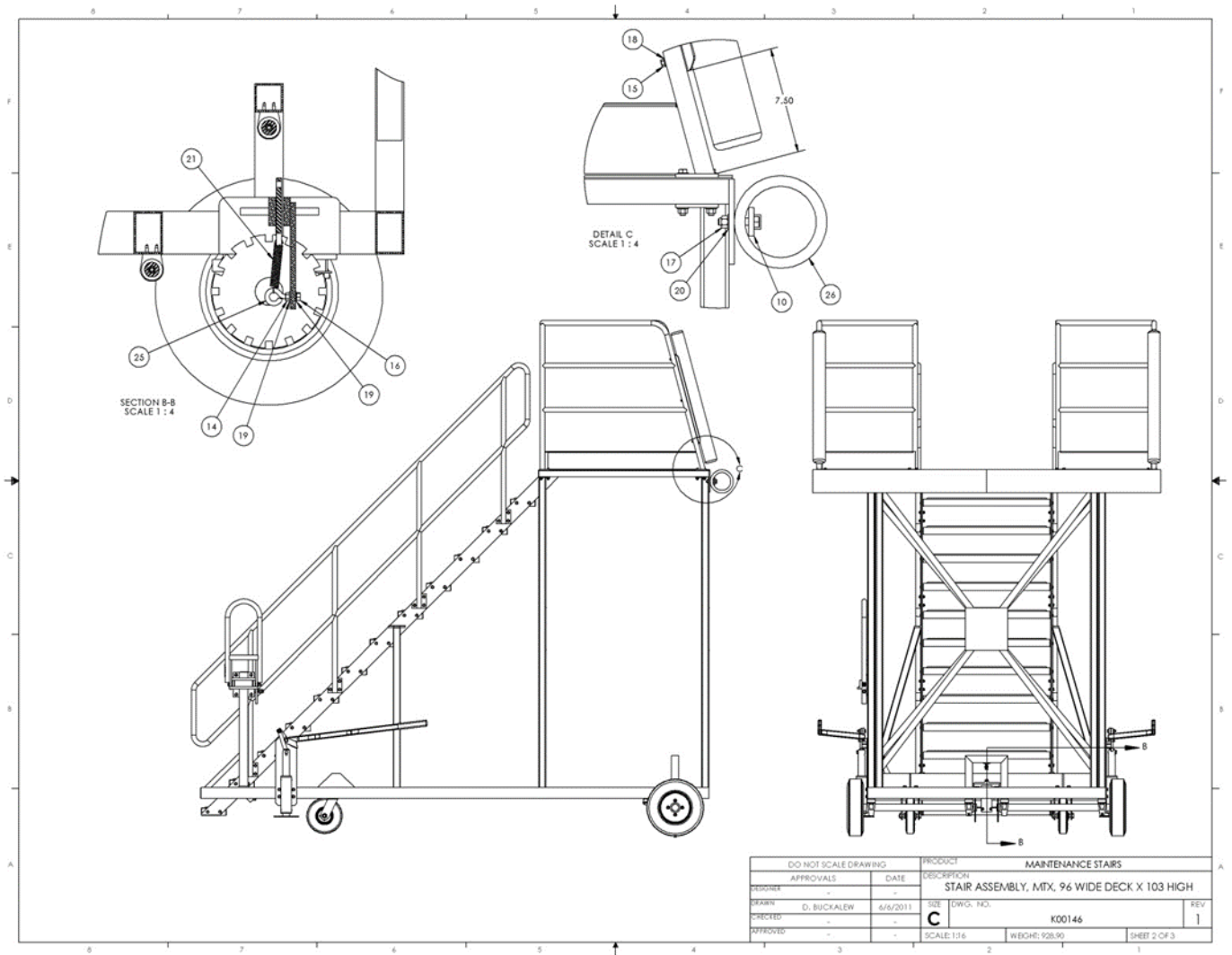


To adjust the brakes, loosen the backing nuts at the turnbuckle. Adjust the tension as needed. Re-tighten the backing nuts and install zip ties to prevent unintended loosening of the backing nuts.

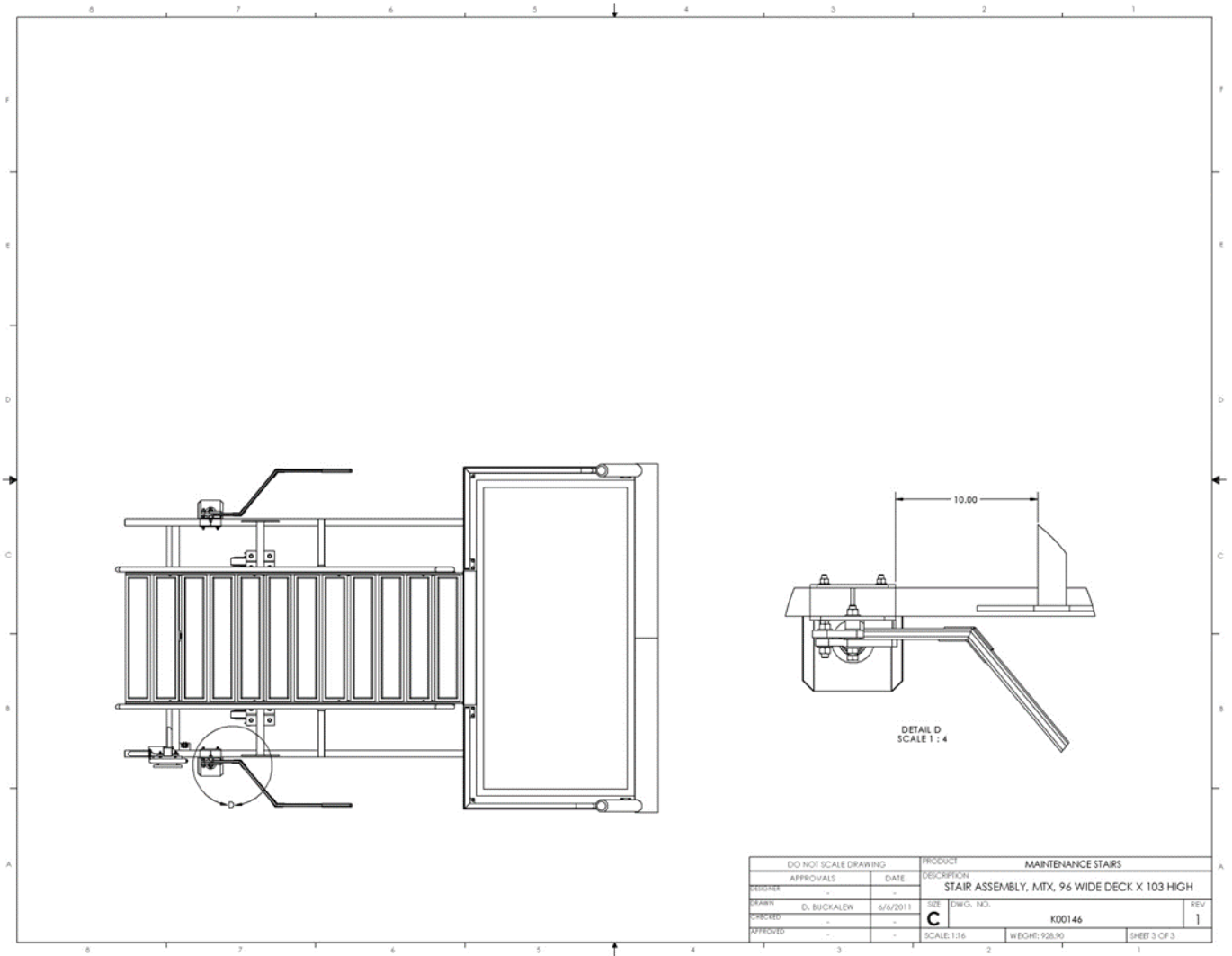
• Parts Breakdown •



• Parts Breakdown •



• Parts Breakdown •



• Warranty •

This warranty is in lieu of all other warranties, either expressed or implied.

What is Covered:

This warranty covers equipment manufactured by KCI, Inc. from any defects in materials, workmanship and/or installations performed.

Period of Coverage:

This warranty lasts for a period of two years, electrical component coverage is for one year from the date the product ships, or until the original ownership of the ramp is transferred to another party, whichever comes first. Any repairs or modifications without the express written consent of KCI, Inc. will be grounds to immediately void all or part of this warranty.

What is Not Covered:

This warranty does not cover the following:

1. Accidental damage.
2. Misuse or abuse.
3. Damage caused by adverse weather, disasters, or other forces of nature.
4. Worn out adhesive skid walk.
5. Worn out tires/wheels.
6. Worn out/faded canvas canopies.
7. Any other wear or damage caused by the equipment's general use.
8. Any consequential or incidental damages to include:
 - a. Any loss of profit.
 - b. Loss by reason of airport or flight line shutdown.
 - c. Non-operation or increased expense of operation.
 - d. Loss of passengers or business.

What KCI Will Do:

Repair or replace any original part, component or piece of equipment that is found to have defects from time of shipment through the end of the period of coverage.

How to Make a Service Claim:

Provide a claim in writing within the period of coverage to the address listed below or email to msankey@kci.nu. We will then determine if the problem is a defect with the product. Once the nature of the problem is ascertained, we will notify the buyer of our planned resolution. This may include an on-site visit by KCI, Inc. for repairs, or that the buyer ships the defective part or component to us for inspection and replacement at KCI's expense.

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