



# OPERATION & SERVICE MANUAL

**Model: 03-5828-0000  
Tailstand**

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**with Illustrated  
Parts List**

11/2002 – Rev. 01

REVISION  
01

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Original release



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This product can not be modified without the written approval of Tronair, Inc. Any modifications done without written approval voids all warranties and releases Tronair, Inc., its suppliers, distributors, employees, or financial institutions from any liability from consequences that may occur. Only Tronair OEM replacement parts shall be used.

## 1.0 DESCRIPTION

This Tronair Tailstand incorporates the following quality features:

- Steel construction
- Easily maneuverable
- Vertically adjustable to within plus or minus one-quarter inch (¼")
- May be disassembled for easy replacement of parts or shipment

## 2.0 USAGE

The purpose of this Tailstand is to support aircraft fuselage during maintenance.

## 3.0 ASSEMBLY INSTRUCTIONS

### 3.1 GENERAL INFORMATION

This product should be assembled and/or repaired using good workmanship practices and proper tools. Bolts and elastic stopnuts should be tightened to a torque not to exceed industry standards for Grade '5' bolts. The 3/8-24 bolts should be tightened to 35 ft-lbs and ½-20 bolts tightened to 85 ft-lbs.

All replacement parts must be the same as or equal to the original parts supplied.

### 3.2 PRE-USE CHECKS

- Refer to the Illustrated Parts List to identify and ensure all parts are present.
- Generally check over unit to assure the tightness of all nuts, bolts and screws with extension collapsed.

### 3.3 ASSEMBLY STEPS

Fasten cradle assembly (Item 1) to extension tube (Item 10) with one (1) each 5/8-18 x 2 ½ inch long hex head bolt (Item 2), 5/8 inch flatwasher (Item 4), and 5/8-18 elastic stopnut (Item 3).



### CAUTION!

**Safety chain must be installed to legs to prevent tailstand collapse and prevent aircraft damage and operator injury**

## 4.0 PROVISION OF SPARES

### 4.1 SPARE PARTS

Spare parts may be obtained from the manufacturer:

**TRONAIR**, Inc.

1 Air Cargo Pkwy East  
Swanton, Ohio 43558 USA

Telephone: (419) 866-6301 or 800-426-6301

Fax: (419) 867-0634

E-mail: sales@tronair.com

Website: www.tronair.com

### 4.2 PARTS LISTS & ILLUSTRATIONS

Reference the following pages for Replacement Parts and Kits available.

## 5.0 IN-SERVICE SUPPORT

Contact Tronair for technical services and information.



## 6.0 GUARANTEES/LIMITATION OF LIABILITY

Tronair products are warranted to be free of manufacturing or material defects for a period of one year after shipment to the original customer. This is solely limited to the repair or replacement of defective components. This warranty does not cover the following items:

- a) Parts required for normal maintenance
- b) Parts covered by a component manufacturers warranty
- c) Replacement parts have a 90-day warranty from date of shipment

If you have a problem that may require service, contact Tronair immediately. Do not attempt to repair or disassemble a product without first contacting Tronair, any action may affect warranty coverage. When you contact Tronair be prepared to provide the following information:

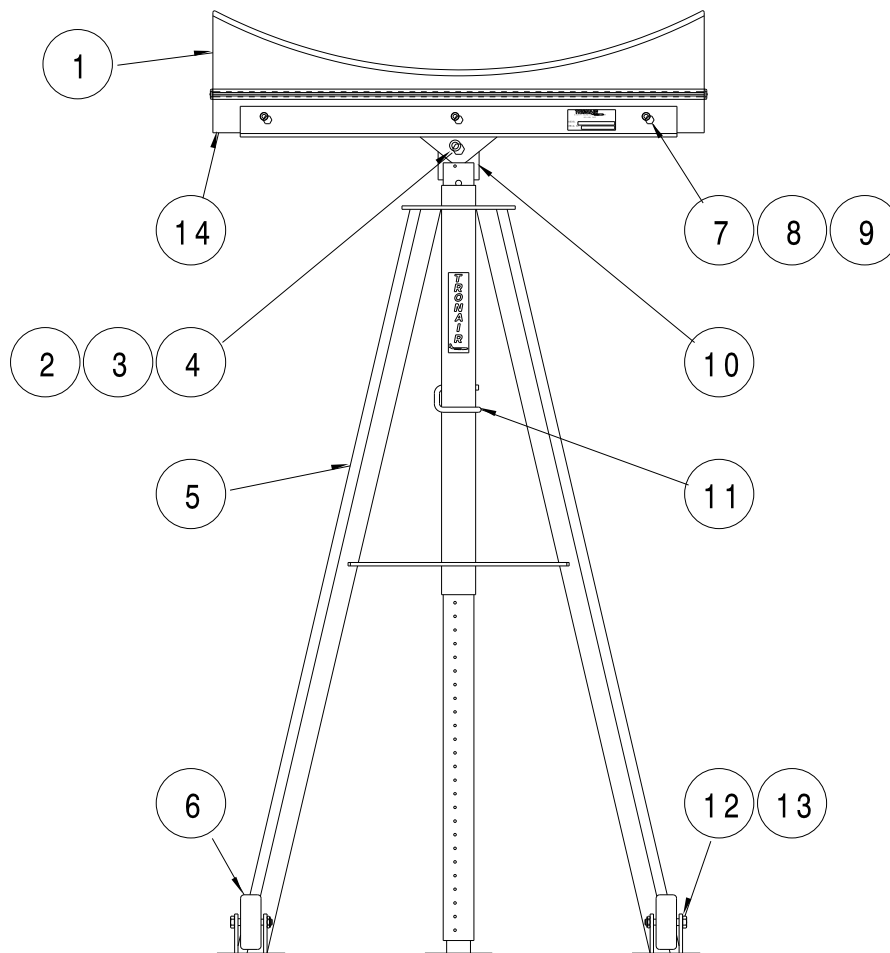
- a) Product Model Number
- b) Product Serial Number
- c) Description of the problem

If warranty coverage is approved, either replacement parts will be sent or the product will have to be returned to Tronair for repairs. If the product is to be returned, a Return Material Authorization (RMA) number will be issued for reference purposes on any shipping documents. Failure to obtain a RMA in advance of returning an item will result in a service fee. A decision on the extent of warranty coverage on returned products is reserved pending inspection at Tronair. Any shipments to Tronair must be shipped freight prepaid. Freight costs on shipments to customers will be paid by Tronair on any warranty claims only. Any unauthorized modification of the Tronair products or use of the Tronair products in violation of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied.

The obligations of Tronair expressly stated herein are in lieu of all other warranties or conditions expressed or implied. **Any unauthorized modification of the Tronair products or use of the Tronair products in violations of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied and Tronair disclaims any and all liability for injury (WITHOUT LIMITATION and including DEATH), loss or damage arising from or relating to such misuse.**

### Parts List

When ordering replacement parts/kits, please specify model, serial number and color of your unit.



Item	Part Number	Description	Qty
6	U-1002	Wheel	2
11	G-1311-02	Pin, Leg Lock	1
12	G-1100-109526	Bolt, Hex Head, Grade 5, 1/2 -20 x 2 3/4" long	2
13	G-1203-1095	Elastic Jamnut, 1/2 -20	2
14	Z-4165-01	Weldment, Cradle Support	1
	<b>K-3062</b>	<b>Kit, Cradle Assembly Replacement; consists of:</b>	
1	Z-4146	Assembly, Cradle (Wood with Pad)	1
7	G-1202-1075	Stopnut, 3/8-24 Elastic	3
8	G-1250-1070N	Flatwasher, 3/8 Narrow	6
9	G-1100-107534	Bolt, Hex Head, Grade 5, 3/8-24 x 3 1/2" long	3
	<b>K-3063</b>	<b>Kit, Center Extension Replacement; consists of:</b>	
2	G-1100-110524	Bolt, Hex Head, Grade 5, 5/8-18 x 2 1/2" long	1
3	G-1202-1105	Stopnut, 5/8-18 Elastic	1
4	G-1250-1100N	Flatwasher, 5/8 Narrow	2
10	Z-4327-01	Weldment, Center Extension	1
	<b>K-3064</b>	<b>Kit, Tripod Replacement; consists of:</b>	
5	Z-3691-01	Weldment, Tripod (includes Labels)	1