



**Model: 13-6603-6000  
Hydraulic Power Stand**

03/2006 – Rev. 01

REVISION  
OR  
01

DATE  
05/2004  
03/2006

TEXT AFFECTED  
Original Release  
2.0 Added dimensions

**TABLE OF CONTENTS**

	<b><u>PAGE</u></b>
<b>1.0 FEATURES.....</b>	<b>1</b>
<b>2.0 SPECIFICATIONS.....</b>	<b>1</b>
<b>3.0 FITS.....</b>	<b>1</b>
<b>4.0 HIGHEST QUALITY .....</b>	<b>2</b>
<b>5.0 OPERATION.....</b>	<b>3</b>
<b>6.0 PROVISION OF SPARES .....</b>	<b>3</b>
6.1 SPARE PARTS .....	3
6.2 PARTS LISTS & ILLUSTRATIONS.....	3
<b>7.0 IN-SERVICE SUPPORT .....</b>	<b>3</b>
<b>8.0 GUARANTEES/LIMITATION OF LIABILITY .....</b>	<b>4</b>

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 FEATURES

- Utilizes your aircraft pump, filters, pressure regulator, and fluid
- No system contamination
- No possibility of over-pressurizing system
- No fluid loss or leaks
- Easy installation
- Remote control cord reel, 50 ft of cord

### 2.0 SPECIFICATIONS

- This tool does not have any alarm or warning systems.
- Reversible rotation by switching motor leads
- 15 ft power cord
- Heavy-duty ball-bearing casters
- Heavy-duty steel post with removable base
- Dimensions:
  - Base: 36 in (91 cm) Square
  - Height: 56 in (142 cm) Collapsed
  - 66 in (168 cm) Extended
  - Weight 112 lbs (51 kg)

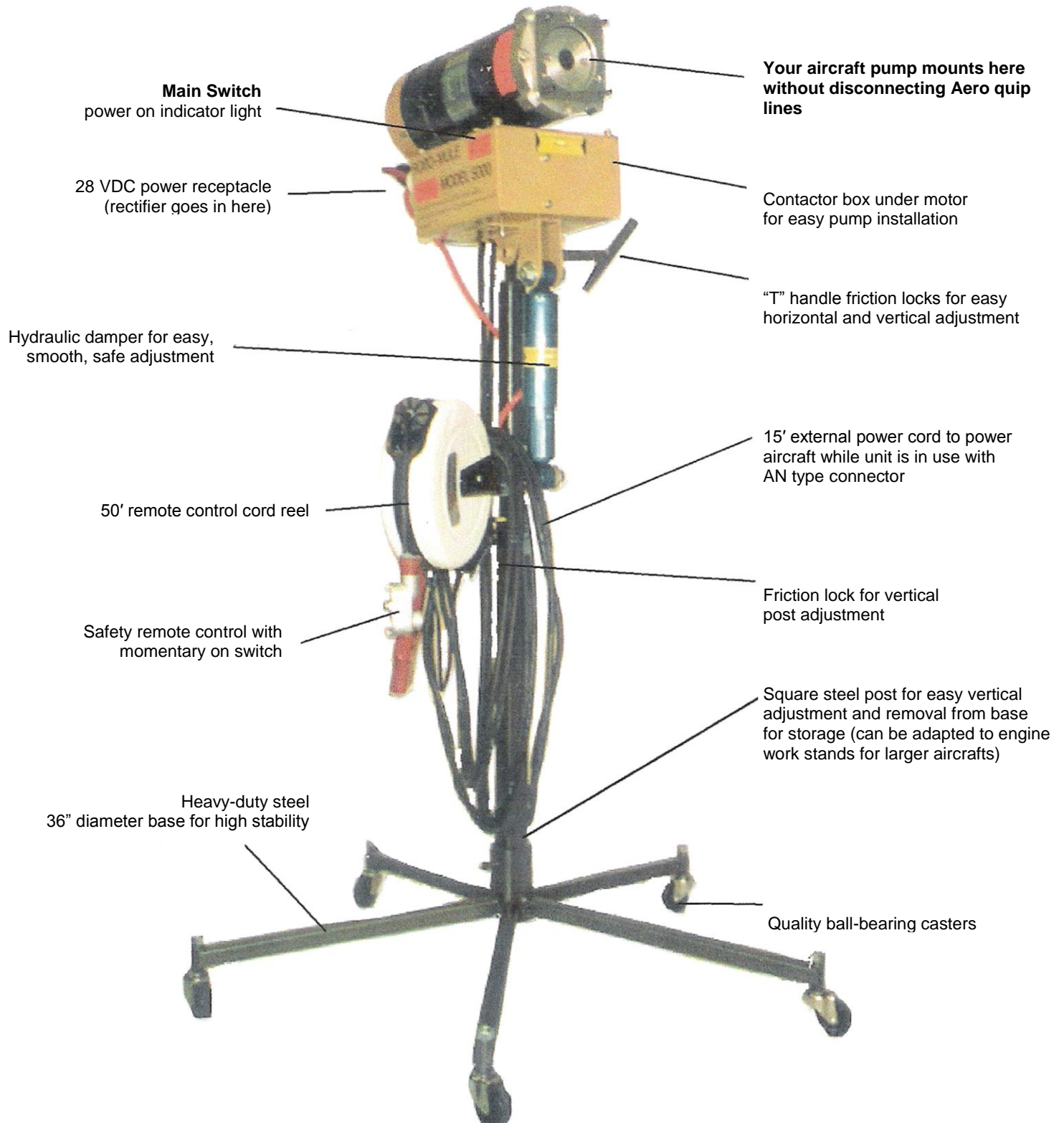
### 3.0 FITS

- Westwind 1123/1124
- Lear 23/24/25
- Citation I, II, III, VII
- HS 1125/700/800/1000
- Falcon 10
- Astra
- Other applications possible



## 4.0 HIGHEST QUALITY

Custom manufactured 28 VDC, 3000 RPM, 3.5 HP continuous duty motor (reversible)



## 5.0 OPERATION



### WARNING!

**This unit is to be used by properly licensed A&P mechanics only.**

- Always insure proper DC power available, minimum 150 amps at 28 VDC. The line cord from assembly to aircraft external power is limited to 50 amps continuous max., with 75 amps for three minutes.
- When using the hydraulic power stand always turn off avionics and engine computers to prevent damage from electrical spikes caused by on/off motor and relays on hydraulic power stand. This is especially important if aircraft is in maintenance without batteries installed. If batteries are installed, be sure they are tied to the external power buss. This will absorb most electrical spikes.
- Always check motor remote control switch for proper operation before attachment of power stand to aircraft. Remote switch is spring loaded to off position. Actuating remote motor switch should **not** run until you arm switch atop motor relay box assembly. Motor should run off and on by actuating switch with remote switch held on.



### WARNING!

**Always check for proper directional rotation on the aircraft pump to match the hydraulic power stand rotation.**



### WARNING

**Motor assembly is continuous duty. However, using motor over 10 minute period does increase wear appreciably. To assure long life, try to limit continuous duty operation whenever possible.**



### WARNING

**Always check to make sure personnel are clear of aircraft (landing gear, flaps, thrust reversers) before using power stand.**

- When installing pump on hydraulic motor drive pad, always make sure you are not kinking, pulling, or twisting hydraulic lines so as to cause damage. This can be done by adjusting stand assembly after aircraft has been jacked. (Always make sure safety pin on post and friction lock "T" handles are locked on motor tilt pad and post.)
- Always remove hydraulic power stand before lowering aircraft.

## 6.0 PROVISION OF SPARES

### 6.1 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

### 6.2 PARTS LISTS & ILLUSTRATIONS

Reference the following page for Replacement Parts and Kits available.

## 7.0 IN-SERVICE SUPPORT

Contact Tronair for technical services and information.

**8.0 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.**