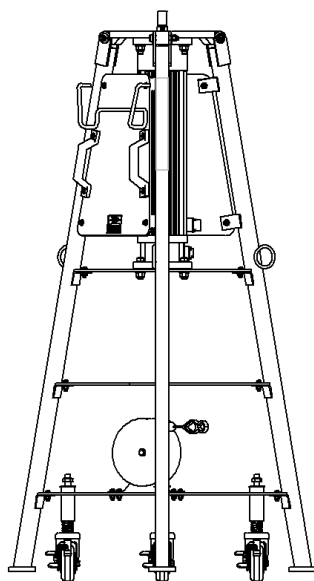




Model: 02-7954-0000
Vertical Load Support Structure



08/2015 – Rev. 01

REVISION
01

DATE
08/2015

TEXT AFFECTED
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 PRODUCT INFORMATION

1.1 DESCRIPTION

Vertical Load Support Structure

1.2 MODEL & SERIAL NUMBER

Reference nameplate on unit

1.3 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

1.4 FUNCTION

Structure provides support for vertically loaded electromechanical actuator. Shelves and panels provided for instrumentation and control components.

1.5 REQUIREMENTS

- Load Capacity: 4,175 lbs (1,894 kg) maximum
- Caster Springs will support 360 lbs (163 kg) with a 1 in (2.54 cm) foot pad clearance
- Foot pads will contact ground with approximately 700 lbs (317.5 kg) of weight

2.0 SAFETY INFORMATION

2.1 USAGE AND SAFETY INFORMATION

To insure safe operations please read the following statements and understand their meaning. Also refer to your equipment manufacturer's manual for other important safety information. This manual contains safety precautions which are explained below. Please read carefully.



WARNING! — Warning is used to indicate the presence of a hazard that **can cause severe personal injury, death, or substantial property damage** if the warning notice is ignored.

CAUTION! — Caution is used to indicate the presence of a hazard that **will or can cause minor personal injury or property damage** if the caution notice is ignored.

2.2 EXPLANATION OF WARNING & DANGER SIGNS



Accidental Starts! Before servicing the equipment, always disconnect electrical power supply to prevent accidental starting.



Rotating Parts! Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate the unit with covers, shrouds, or guards removed.



Electrical Shock! Never touch electrical wires or components while the HPU is attached to the power source. They can be sources of electrical shock. **DO NOT** operate HPU with cabinet panels removed.

2.3 FUNCTIONAL SAFETY FEATURES

- Casters with locking wheels and swivels
- Static discharge reel

3.0 TRAINING

3.1 TRAINING REQUIREMENTS

The employer of the operator is responsible for providing a training program sufficient for the safe operation of the unit.

3.2 TRAINING PROGRAM

The employer provided operator training program should cover safety procedures concerning use of the unit in and around the intended aircraft at the intended aircraft servicing location.

3.3 OPERATOR TRAINING

The operator training should provide the required training for safe operation of the unit.

NOTE: Maintenance and Trouble Shooting are to be performed by a skilled and trained technician.

4.0 OPERATION

4.1 NUMERICAL VALUES

Max Load Capacity.....4,175 lbs (1,894 kg)

Footprint Dimensions:

Width.....34-3/16 in (86.8 cm)

Depth30 in (76.2 cm)

Height.....60 in (152.4 cm)

Weight.....173 lbs (78.5 kg)

5.0 PACKAGING AND STORAGE

5.1 PACKAGING REQUIREMENTS

Strap unit to pallet or shipping container using tie down rings located on the frame.

5.2 HANDLING

Unit is designed to be moved by hand using the handles locate in the RSU panel.

5.3 STORAGE SPACE AND HANDLING FACILITIES

Footprint Dimensions:

Width: 34-3/16 in (86.8 cm)

Depth: 30 in (76.2 cm)

Height: 60 in (152.4 cm)

Weight: 173 lbs (78.5 kg)

6.0 MAINTENANCE

6.1 GENERAL

- Periodically inspect unit for loose hardware and signs of cracks or deterioration
- Inspect casters for freedom of movement and insure locking mechanism if full functional

7.0 PROVISION OF SPARES

7.1 SOURCE OF 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

7.2 RECOMMENDED SPARE PARTS LISTS

Reference the following page(s) for Replacement Parts and Kits available.

8.0 IN SERVICE SUPPORT

Contact Tronair, Inc. for technical services and information. See Section 1.3 – Manufacturer.

9.0 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.**

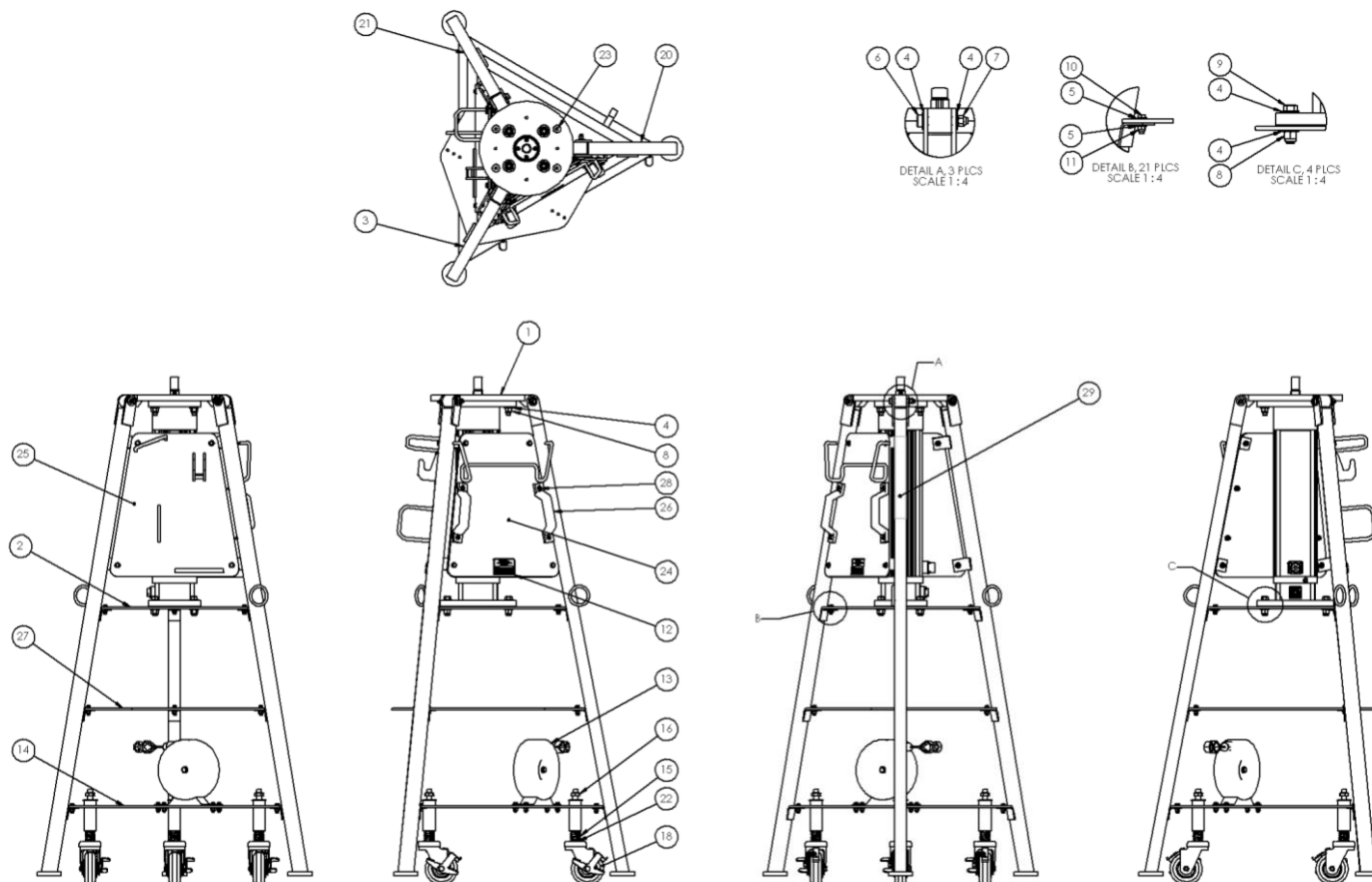
10.0 APPENDICES

APPENDIX I Declaration of Conformity

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Parts List

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



Item	Part Number	Description	Qty
1	Z-8749-01	Weldment, Top Mount	1
2	J-5963-01	Plate, Middle	1
3	Z-8748-01	Weldment, Leg 1	1
4	G-1250-1090N	Flatwasher, ½ Narrow	18
5	G-1250-1050N	Flatwasher, ¼ Narrow	46
6	G-1155-107222	Screw, Socket Head Shoulder ½ x 2 ¼ Long	3
7	G-1202-1070	Stopnut, ⅝ - 16 Elastic	3
8	G-1202-1090	Stopnut, ½ - 13 Elastic	8
9	G-1100-109020	Bolt, Hex Head Grade 5, ½ - 13 x 2 Long	4
10	G-1100-105010	Bolt, Hex Head Grade 5, ¼ - 20 x 1 Long	21
11	G-1202-1050	Stopnut, ¼ - 20 Elastic	25
12	V-2123	Label, CE Serial Number	1
13	H-1186	Reel, Static Discharge	1
14	Z-8773-01	Weldment, Bottom Plate	1
15	H-1128-02	Spring, Compression	3
16	G-1203-1105	Jamnut, ⅝ - 18 Elastic	3
18	U-1154	Caster, Swivel with lock	3
20	Z-8805-01	Weldment, Leg 3	1
21	Z-8804-01	Weldment, Leg 2	1

Parts List

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

Item	Part Number	Description	Qty
22	G-1250-1050W	Flatwasher, ¼ Wide	3
23	G-1152-109224	Screw, Socket Flat Head 82° Cap, ½ - 13 x 2 ½ Long	4
24	Z-8810-01	Weldment, RCU Panel	1
25	Z-8862-01	Weldment, Adapter Panel	1
26	H-1780	Handle	2
27	S-2810-01	CCU-SMU Shelf	1
28	G-1157-105010	Screw, Pan Head Cross Rec, ¼ - 20	4
29	V-1198	Label, Tronair	1



APPENDIX I

Declaration of Conformity



Declaration of Conformity

The design, development and manufacture is in accordance with European Community guidelines

Relevant draft complied with by the machinery:
2006/42/EC

Relevant standards complied with by the machinery:
EN ISO 12100-1

Identification of person empowered to sign on behalf of the Manufacturer:

A handwritten signature in cursive script that reads "Patrick Finch". The signature is written in dark ink and is positioned above a horizontal line.

Quality Assurance Representative