

**Model: 06-5022-6C00
Fluid Servicing Unit**



04/2008- Rev. 01

REVISION
OR
01

DATE
08/2004
04/2008

TEXT AFFECTED
Original Release
Added CE Marking and Declaration of Conformity

TABLE OF CONTENTS

	<u>PAGE</u>
1.0 GENERAL DESCRIPTION	1
2.0 SPECIFICATIONS	1
3.0 FEATURES	1
4.0 PREPARATION FOR USE	1
5.0 OPERATION	1
6.0 MAINTENANCE	1
6.1 FILTER.....	1
7.0 PROVISION OF SPARES	2
7.1 SOURCE OF SPARE PARTS.....	2
7.2 RECOMMENDED SPARE PARTS LISTS	2
8.0 GUARANTEES/LIMITATION OF LIABILITY	2
9.0 APPENDICES	2

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 GENERAL DESCRIPTION

The Fluid Reservoir Service Unit is a compact unit primarily designed to provide a source of clean fluid for filling shimmy dampeners. It is not intended for performing any pressure testing tasks.

2.0 SPECIFICATIONS

Model Number:	Fluid:
06-5022-6C00	Silicone DC 200 Fluid – 500 CS
Capacity:	2 gal (7.6 lt)
Maximum Pressure:	200 psi (13.8 bar)
Filter:	2 micron
Dimensions:	8.25 in (21 cm) Wide 8.25 in (21 cm) Long 20.25 in (51.4 cm) High
Weight:	18 lbs (8.16 kg)
Pump Displacement:	4.4 cubic inch/stroke (72.11 cc/stroke)
Pressure Gauge:	0-50 psi

3.0 FEATURES

- 15 foot (4.6 m) hose
- Large filtered fill port
- Inline filter after pump
- 0-50 psi pressure gauge

4.0 PREPARATION FOR USE

The unit is shipped fully assembled, and only the following steps are required to make it operational:

CAUTION!



Only use the type of fluid for which the unit is designed. Using other fluids will cause contamination and seal deterioration.

1. Remove the fill cap and fill reservoir.
2. Operate hand pump several times to fill line and purge air.

5.0 OPERATION

To Use the Unit:

1. Securely attach coupling to aircraft component.
2. Operate pump handle at a slow to moderate pace with even pressure.

NOTES: 1. *It is not necessary to operate pump rapidly. The pump moves a large volume of oil per stroke and will fill a reservoir much faster than standard pumps.*
2. *A slow movement of the pump handle with a steady pressure works best.*

When Service Has Been Completed:

1. Disconnect hose from aircraft.
2. Replace protective plug on coupling end to prevent dirt ingestion.

6.0 MAINTENANCE

6.1 FILTER

The filter is of a non-bypass design. This means that, if the filter becomes clogged, no fluid will pass to the aircraft and a high handle force will result. If this happens, replace filter element. **DO NOT FORCE** the pump handle as damage to unit components could result.

Element replacement schedule should be based on usage and actual fluid samples. For units with low usage, element should be changed at least once annually.

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 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.

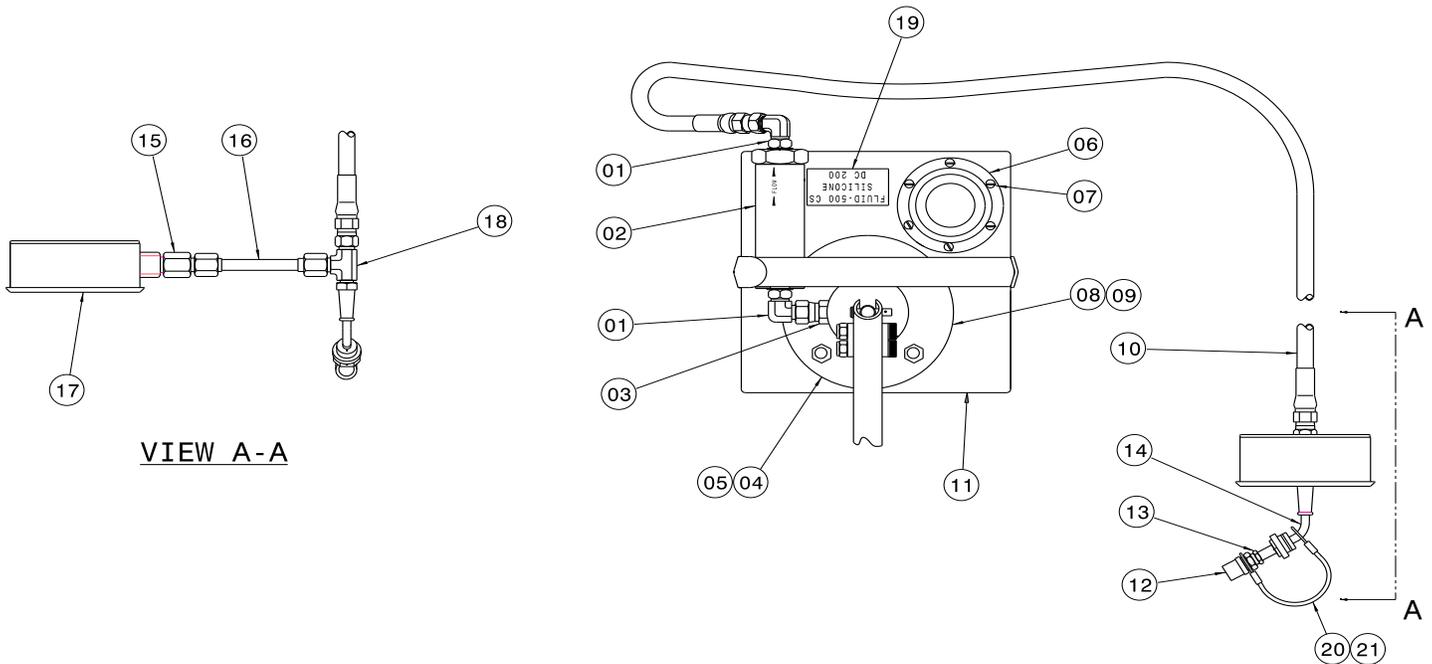
The obligations of Tronair expressly stated herein are in lieu of all other warranties or conditions expressed or implied. **Any unauthorized modification of the Tronair products or use of the Tronair products in violations of cautions and warnings in any manual (including updates) or safety bulletins 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.**

9.0 APPENDICES

APPENDIX I Declaration of Conformity

Parts List

When ordering Replacement Parts/Kits, please specify Model & Serial Number of your product.

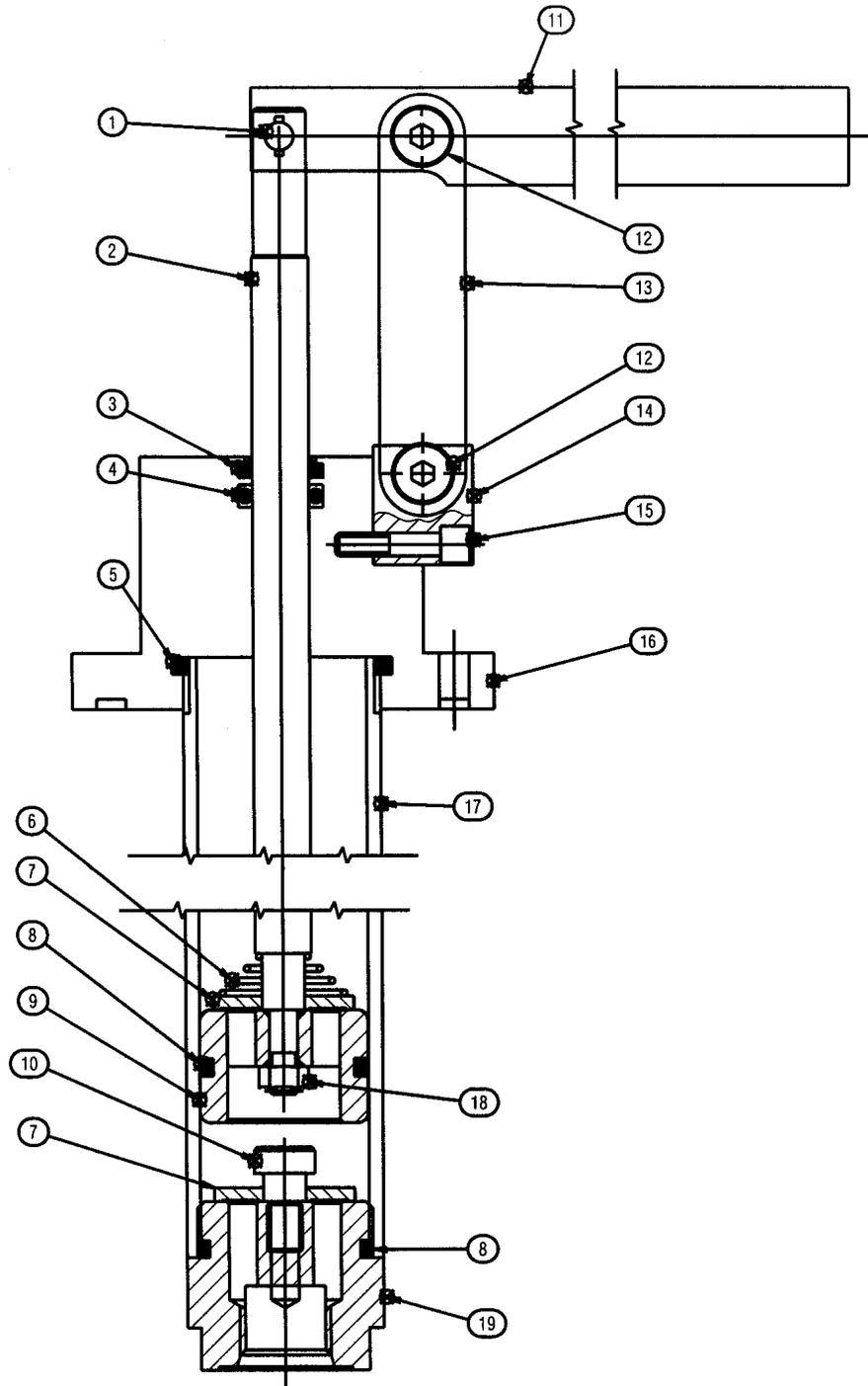


Item	Part Number	Description	Qty
1	N-2001-08-S-E	Elbow, STR THD (6-6)	2
2	K-3658	Kit, Filter Element	1
3	N-2036-03-S-E	Swivel, 37° JIC (6-6)	1
4	G-1463-1070	Nut, 3/8 – 16 Acorn Hex	4
5	G-1250-1070N	Flatwasher, 3/8 Narrow	4
6	HC-1030	Filler-Breather	1
7	G-1157-103504	Screw, #10 – 32 Pan HD CRS REC x ½ LG	6
8	HC-2157	Pump, Hand (PE)	1
9	HC-2006-334	O-Ring, Series 2	1
10	TF-1134-01*180	Assembly, Hose 3/8 (PE)	1
11	Z-5587	Weldment, 2 Gallon Container	1
12	N-2749-01	Cap, Brass Pipe Threaded	1
13	H-1221	Valve, Air	1
14	PC-1067	Coupling, High Pressure hose	1
15	N-2010-07-S	Connector, Female	1
16	Z-6038	Assembly, Tube	1
17	HC-2275	Gauge, Pressure 0 – 50 psi	1
18	N-2017-09-S	Tee, Male Run	1
19	V-2076	Label, Fluid 500 CS	1
20	H-1389	Cable, Vinyl Coated	1
21	H-1390	Ferrule	2

◆ Reference Pages 5& 6 for Item 8 (Hand Pump) View and Replacement Parts.

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Parts List



Parts List

When ordering Replacement Parts/Kits, please specify Model & Serial Number of your product.

Item	Part Number	Description	Qty
2	CXD-020004-004	Piston Rod	1
6	CENT-TA-2098	Spring	1
7	CXD-020004-006	Flapper	2
9	CXD-020004-005	Piston	1
13	512-000	Strap	2
14	CXD-020004-009	Mounting Block	1
15	09-ADDF-OJ-32 x 14	Socket Head Cap Screw	1
16	CXD-020004-002	Cap & Mounting Flange	1
17	CXD-020004-003	Tube	1
18	08-ADFH-04-28	Prevailing Locknut	1
19	CXD-020004-001	End Cap, Blind End	1
	HK-3717	Kit, Handle Replacement; consists of:	1
1		Pin Linkage Assembly	1
11		Pump Handle	1
12		Pin Linkage Assembly	2
	HK-3683	Kit, Pump Seal Replacement; consists of:	1
3		Wiper, EPR	1
4		O-ring, EPR	1
5		O-ring, EPR	1
8		O-ring, EPR	2

Recommended Spare Parts List

When ordering Replacement Parts/Kits, please specify Model & Serial Number of your product.

Part Number	Description	Qty
K-3658	Kit, Filter Element; consists of:	1
TF-1134-01*180	Hose, Push-On	1
HK-3717	Kit, Handle Replacement	1



APPENDIX I

Declaration of Conformity



DECLARATION of CONFORMITY

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

Fluid Servicing Unit
06-5022-6C00

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

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 black ink and is positioned above a horizontal line.

Quality Assurance Representative