

Model: 06-5022-6800-A2 Fluid Servicing Unit

CE

02/2021 - Rev. 02

Tronair, Inc. 1 Air Cargo Pkwy East Swanton, OH 43558 REVISION 01 02 DATE 04/2017 09/2021

TEXT AFFECTED Original release Updated Parts List



TABLE OF CONTENTS

<u>PAGE</u>

1.0	PRODUC	CT INFORMATION	1
	1.1	DESCRIPTION	1
	1.2	MODEL & SERIAL NUMBER	1
	1.3	MANUFACTURER	1
	1.4	SPECIFICATIONS	
		FEATURES	1
2.0	SAFETY	INFORMATION	1
-	2.1	USAGE AND SAFETY INFORMATION	1
3.0			
4.0		IG	2
	4.1	TRAINING REQUIREMENTS	2
	4.2	TRAINING PROGRAM	2
	4.3	OPERATOR TRAINING	2
5.0		ΓΙΟΝ	2
6.0	MAINTE	NANCE	2
	6.1	FILTER	
7.0	PROVISION OF SPARES		
		SOURCE OF SPARE PARTS	
		RECOMMENDED SPARE PARTS LISTS	
8.0		NTEES/LIMITATION OF LIABILITY	3
9.0	APPEND	DICES	3



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

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

1.2 MODEL & SERIAL NUMBER

Reference nameplate on unit

1.3 MANUFACTURER

<i>TRONAIR</i> , Inc.	Telephone:	(419) 866-6301 or 800-426-6301
1 Air Cargo Pkwy East	Fax:	(419) 867-0634
Swanton, Ohio 43558 USA	E-mail: Website:	sales@tronair.com www.tronair.com

1.4 SPECIFICATIONS

Fluid Capacity Maximum Pressure	.2 gal (7.6 lt)
Filter	• • •
Dimensions	.8.25 in (21 cm) Wide
	13 in (33 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)

1.5 FEATURES

- 20 ft (6 m) hose
- Large filtered fill port
- Inline filter after pump

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.

3.0 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. Install coupling at hose end if applicable.



4.0 TRAINING

4.1 TRAINING REQUIREMENTS

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

4.2 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.

4.3 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.

5.0 OPERATION

To Use the Unit:

- 1. Securely attach hose to aircraft.
- 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 cap on hose 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.	Telephone:	(419) 866-6301 or 800-426-6301
1 Air Cargo Pkwy East	Fax:	(419) 867-0634
Swanton, Ohio 43558 USA	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.

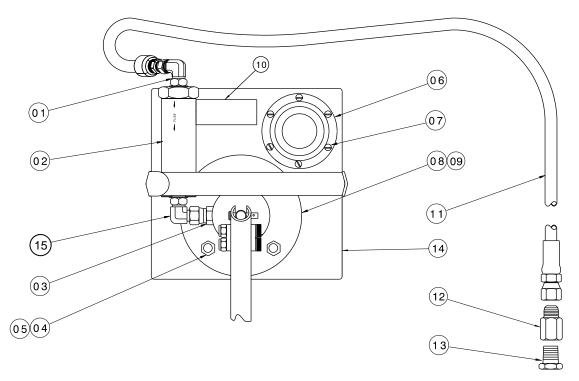
9.0 APPENDICES

APPENDIX I Declaration of Conformity



Parts List

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

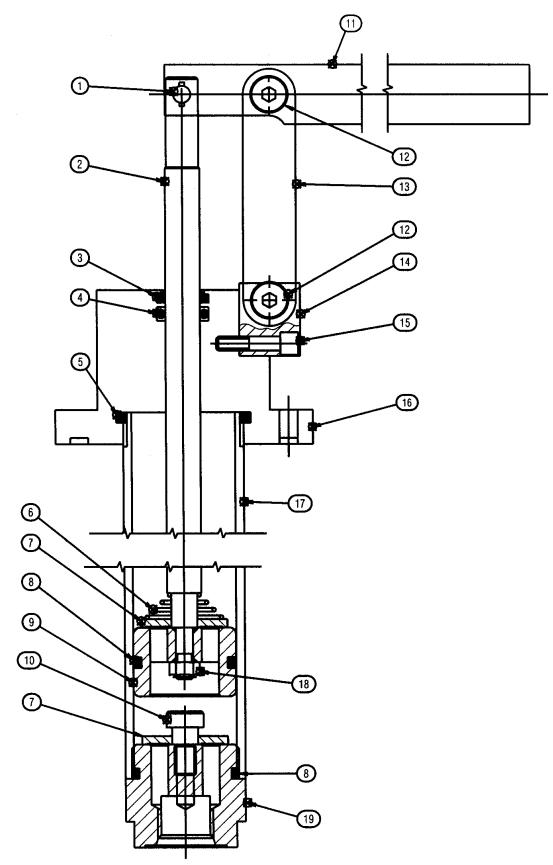


ltem	Part Number	Description	Qty
1	N-2001-12-S-V	Elbow, Straight Thread	1
2	HC-2141	Filter, inline (Viton)	1
3	N-2036-03- S-V	Swivel, 37° JIC	1
4	G-1463-1070	Nut, ¾ Acorn Hex	4
5	G-1250-1070N	Flatwasher, ¾ Narrow	4
6	HC-1030	Filler-Breather	1
7	G-1157-103504	Screw, #10-32 Pan Head Cross Recess x ½ Long	6
8	HC-2171	Pump, Hand	1
9	HC-2007-334	O-ring, Series 2 (Viton)	1
10	V-1596	Lavel, DOD-PRF-85734	1
11	TF-1220	Assembly, Hose	1
12	N-2010-12-S	Connector, Female (8-8)	1
13	N-2006-05-S	Plug, ½ NPT	1
14	Z-5587	Weldment, 2 Gallon Container	1
15	N-2001-08-S-V	Elbow, Straight Thread	1

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



Parts List - Hand Pump Illustration





Parts List

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

ltem	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-0J-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
N/S	CXD-020057-001	Grip, Handle	1
	HK-3715	Kit, Pump Seal Replacement; consists of:	
3		Wiper, Viton	1
4		O-ring, Viton	1
5		O-ring, Viton	1
8		O-ring, Viton	2
	HK-3768	Kit, Handle Replacement; consists of:	
1		Pin, Linkage Assembly	1
11		Pump Handle	1
12		Pin Linkage Assembly	2
N/S	K-3659	Kit, Filter Element; consists of:	
	HC-2007-011	O-ring, Series 2	1
	HC-2014-914	O-ring, Series 3	1
	HC-2142	Element, Filter	1



APPENDIX I

Declaration of Conformity



DECLARATION of CONFORMITY

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

Fluid Servicing Unit 06-5022-6800-A2

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

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

Quality Assurance Representative