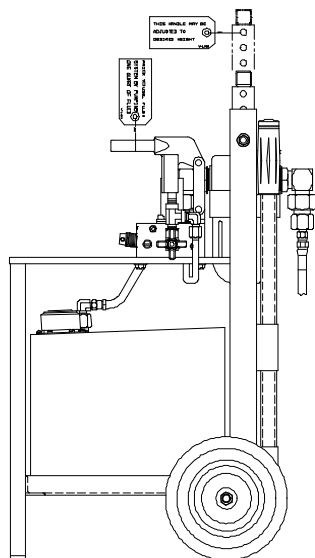




Operation & Service Manual



Model: 06-5040-0800 Fluid Service Unit

01/2004 – Rev. OR

Includes Illustrated Parts List

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REVISION
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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 GENERAL DESCRIPTION

The Tronair Fluid Service Unit is a compact unit designed to provide a source of clean, pressurized fluid for filling reservoirs, bleeding brakes and other maintenance functions.

2.0 SPECIFICATIONS

Tank Capacity:	8 gallons
Maximum Pressure:	5000 PSIG
Fluid:	MIL-L-23699 / MIL-PRF-87257
Filtration:	3 Micron
Weight:	55 lbs.

3.0 FEATURES

- 15 foot hose
- Pressure gauge
- Shut-off valve for component testing
- 10,000 PSI pump provides high pressure capability

4.0 PREPARATION FOR USE

The Fluid Service Unit is shipped fully assembled and only the following steps are required to make the unit operational:

1. Service Reservoir: Fill reservoir with appropriate clean fluid.
2. Adjust handle height to suit.

Remove Air From System By:

1. **Close manual pump release screw located at lower right corner of pump base block.**
2. **Open shut-off valve adjacent to pressure gauge.**
3. **Flow fluid by actuating manual pump.**

5.0 OPERATION

5.1 USE

Follow the steps below:

1. Securely attach hose to the aircraft.
2. Close pump release screw.
3. Open shut-off valve.
4. Transfer hydraulic fluid by actuating the manual hydraulic pump.

When service has been completed:

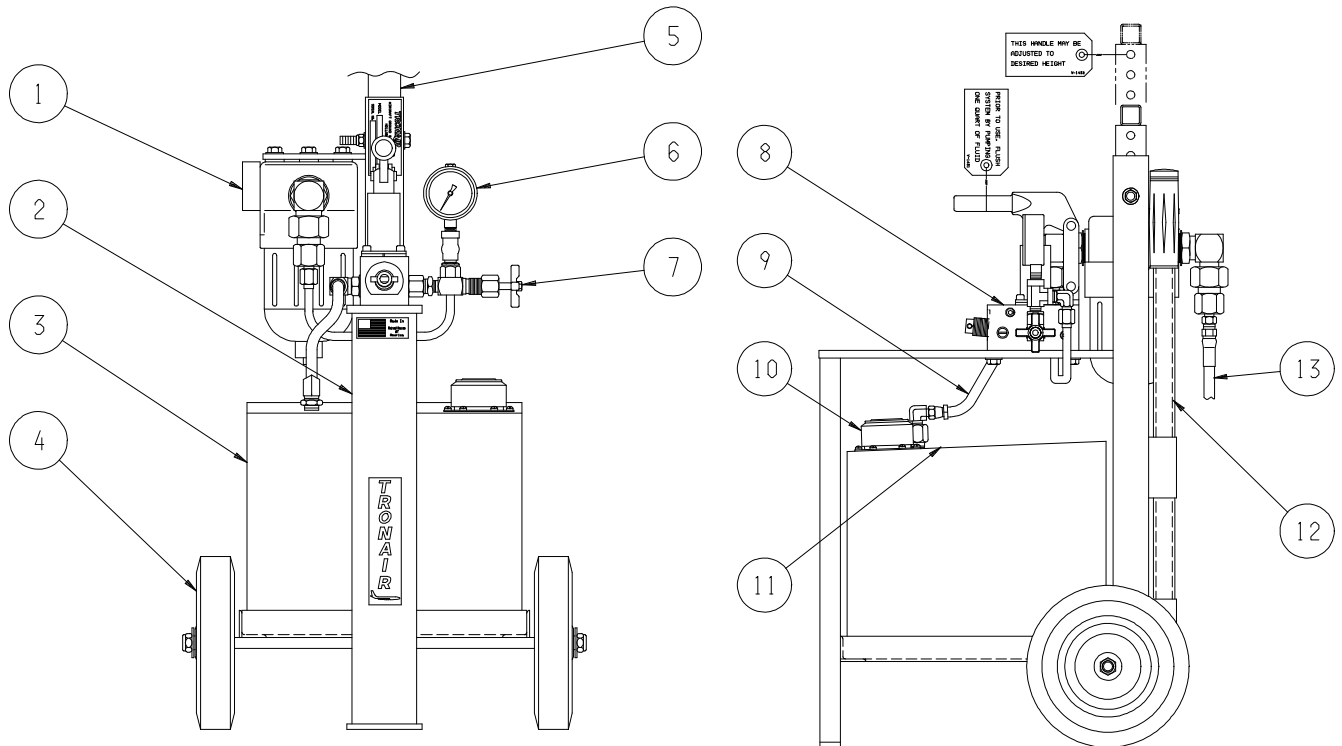
1. Open pump release screw to relieve hydraulic pressure.
2. Disconnect hose from aircraft.
3. Install hose end dust plug.

5.2 COMPONENT TESTING

A shut-off valve had been provided to assure no back flow of fluid. Therefore, shut-off valve is to be closed after the required pressure has built up in the system.

Pressure is relieved by opening this shut-off valve and the pump release screw.

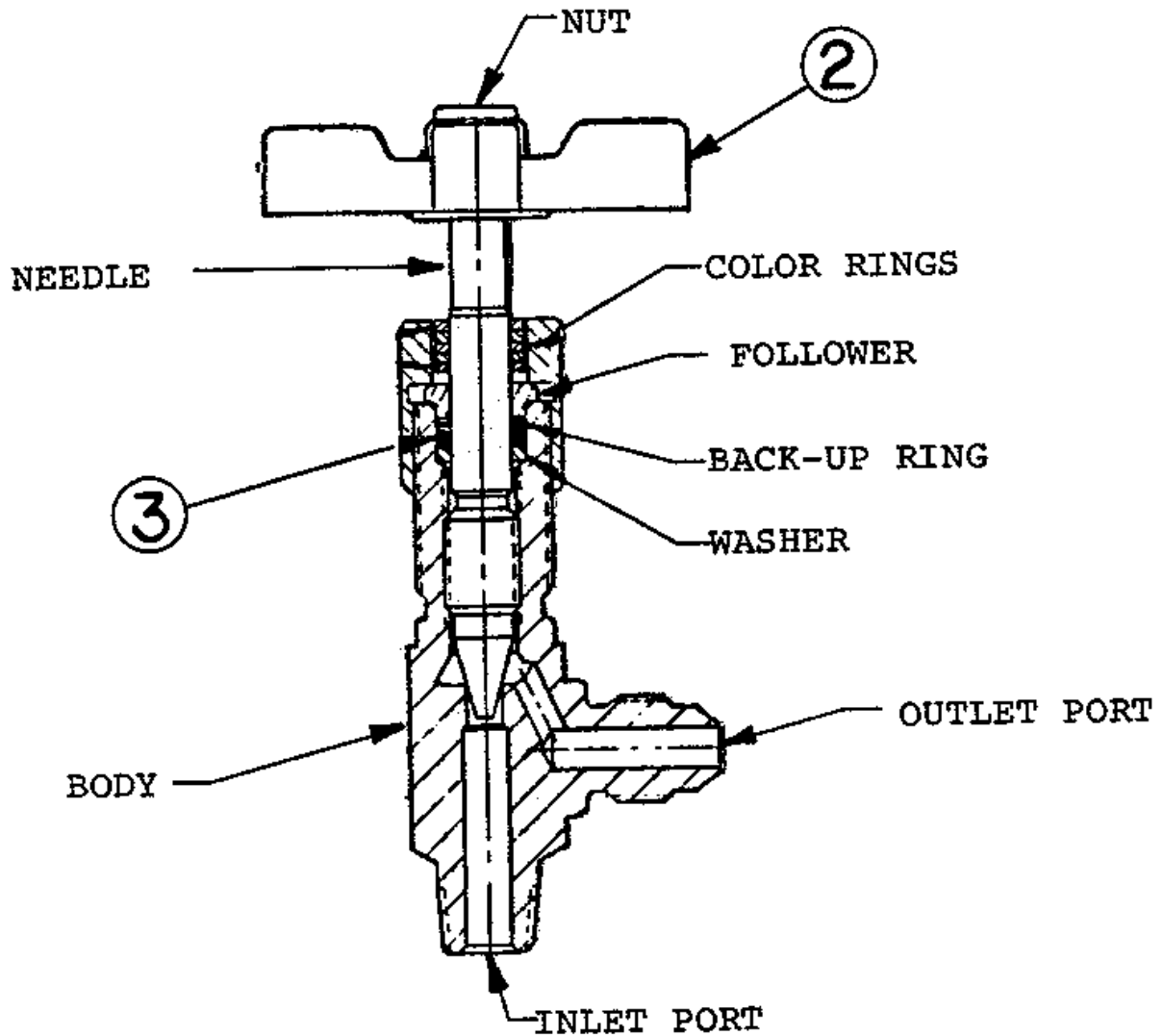
Parts List Illustrations



ITEM	PART NUMBER	DESCRIPTION	QTY
1	HC-1675	Assembly, Filter	1
2	Z-4182-01	Frame	1
3	C-189	Tank	1
4	U-1001-01	Wheel	2
5	Z-1083-01	Handle, Unit	1
6	HC-1644	Gauge, Pressure	1
7	HC-1101-03	Valve, Shut-off	1
8	HC-2256	Pump, Single Stage, 10,000 PSI (MB)	1
9	TF-1105-04*06.5	Hose, Pump Suction	1
10	HC-1030	Breather	1
11	V-2051-01, V-1035	Label - Fluid Type	1
12	H-1009-01	Handle, Pump	1
13	TF-1038-14*180	Assembly, Hose	1
Not Shown	K-2318	Kit, Filter Element Replacement: consists of	
	HC-1676	Element, Filter (MB)	1
	HC-2007-235	O-ring, Series 2	1

NOTE: When ordering spare parts or replacements parts/kits, please call out Model Number of equipment, item number, part number, description and this parts list date/revision given at bottom of each page in this document.

HC-1101 - Valve Shut-Off



ITEM	FLUID	PART NUMBER	DESCRIPTION	QTY
(Complete.....	MIL-H-5606/MIL-PRF-83282.....	HC-1101-01.....	Assembly, Valve	1
Component)	Phosphate Ester.....	HC-1101-02.....	Assembly, Valve	1
	MIL-L-23699/MIL-PRF-87257	HC-1101-03.....	Assembly, Valve	1
2	N/A.....	HC-1082.....	Handle, Valve	1
3	MIL-H-5606/MIL-PRF-83282.....	HC-2000-011.....	O-ring.....	1
	Phosphate Ester.....	HC-2006-011.....	O-ring.....	1
	MIL-L-23699/MIL-PRF-87257	HC-2007-011.....	O-ring.....	1