



Pall Corporation

# AIRCRAFT & GROUND SUPPORT SOLUTIONS

## Reduce Operating Costs Through Improved Aircraft System Performance

A Systems Approach to Contamination Control  
Pall PE01078 Series Portable Fluid Purifier:

### Hydraulic Problem:



Premature component failures



Component corrosion / fluid breakdown



Spongy system response

### Pall Solution:

→ Remove particulate contamination

- › Reduce fatigue of bearings, gear surfaces, pumps, actuators

→ Remove water

- › Reduce oxidation

→ Remove air

- › improve bulk fluid modulus



Reservoir Vent Filter Dryer

Discharge Filter Element  
Spin-on  
Replacement Instructions found on  
pg. 14 of Manual PLM-TM-97059\*



Inlet Air Breather Filter  
Replacement Instructions found  
on pg. 15 of Manual PLM-TM-  
97059\*

V-Belt  
Replacement Instructions found  
on pg. 44 of Manual PLM-TM-  
97059\*

Coalescing Filter Element  
(inside white housing)  
Replacement Instructions found  
on pg. 14 of Manual PLM-TM-  
97059\*

\*U.S.A.F. Tech Order 35M15-3-9-21

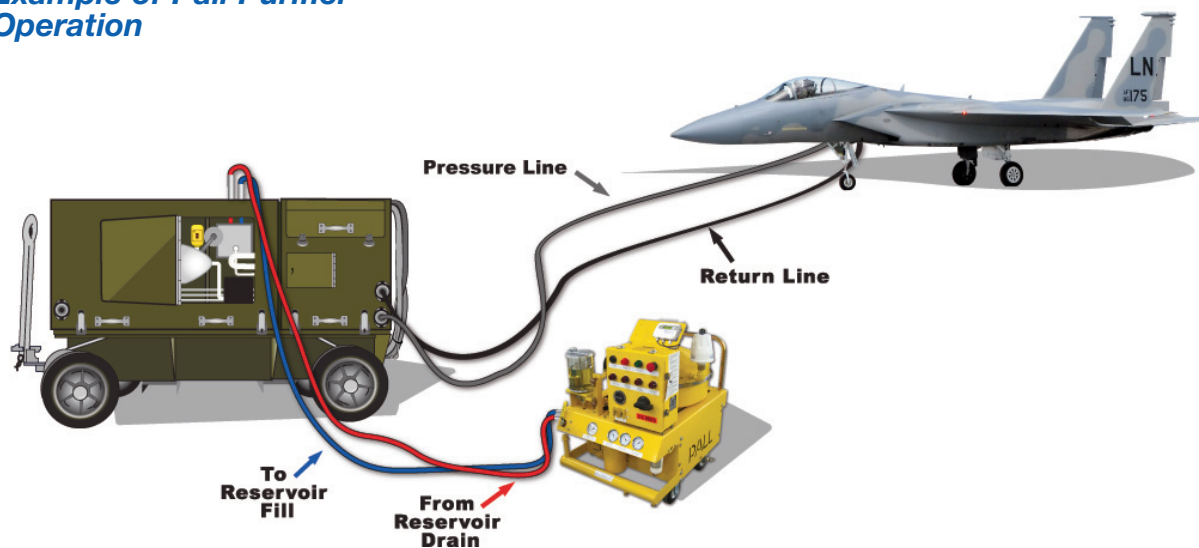
### Reduce Operating Costs!

- » Significantly Extend Component Life
- » Decrease Maintenance
- » Increase Mission Availability
- » Recycle Fluid / Significantly Reduces Waste

**Table 1: Pall PE01078 Series Portable Fluid Purifier - Spares List**

Description	Replacement QTY 1 Year Supply	Seal Code	Seal Material	Pall Part Number	NSN
Inlet Air Breather Filter	4			AA9500D2288H6	1650-01-532-9775
V-Belt	1			PA00440D2154	3030-01-529-3952
Coalescing Filter Element	3	H	Buna N (Nitrile)	AA4463F1	4330-00-300-7749
		Z	Fluoroelastomer	AA4463F1Z	
		J	EPR	AA4463F1J	
Spin-On Discharge Filter Element	6	H	Buna N (Nitrile)	GC00273F168H	4330-01-357-2519
		Z	Fluoroelastomer	GC00273F168Z	
		J	EPR	GC00273F168J	
Reservoir Vent Filter Dryer Assembly	1		Buna N (Nitrile)	VD-00165-16W7	4330-01-287-4060
► Replacement Filter	1			VC-00165-F16W7	TBD
► Adaptor	1			GB-00165-D16	4730-01-566-2037

### Example of Pall Purifier Operation




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