

RIGHT

NATIONAL FLIGHT SERVICES, INC.

897400-X  
Fuel Pump Assy Final Test Data Sheet

FORM: NFT-043  
REV: B  
DATE: 7/1/1997  
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TESTS TO BE CONDUCTED IAW OVERHAUL MANUAL 73-21-19

Work Order: 3605 Date: 1/25/14  
Part No: 897400-5 Series: 3  
Serial No: N/A

Data Point	Inlet Pressure +/- 1 PSIG	Shaft Speed +/- 10 RPM	Discharge Pressure +/- 10 PSIG		Discharge Fuel Flow LBS/HR		Inlet Fuel Temp +/- 15F	Anti-Ice Fuel Flow LBS/HR	
			REQD	ACTUAL	REQD	ACTUAL		REQD	ACTUAL
1	Run-In. Record As Applicable: Accept <input type="checkbox"/> Reject <input type="checkbox"/> Not Req'd <input checked="" type="checkbox"/>								
2#	10 PSIG	4536	1425 MAX	NR			80		
3	10 PSIG	4536	700		1300 MIN	1484	80		
4	10 PSIG	4536	140			1740	80		
5	10 PSIG	4000	700			1279	80		
6	10 PSIG	2500	700			640	80		
7	10 PSIG	2500	140			905	80		
8	10 PSIG	545	140		140 MIN	50	80		
9*	Filter Bypass Valve Shall Open (Crack) By 15 PSIG MAX. Accept <u>14</u> -PSIG (Inlet Press)								
10*	10 PSIG	4536	330				85 +/- 2	20 MAX	NR
11*	10 PSIG	4536	330				34 +/- 2	170 MIN	**
12	Filter Inspection: Accept As Is <input type="checkbox"/> Replace & Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>								
13	External Leakage: Record Acceptance: Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/> (Indicate Location)								
14	Shaft Seal Leakage: 1 Drop Per 2 Min. Maximum.						Actual = <u>0</u>		
15	Shaft Torque: 18 Inch Pounds Maximum.						Actual = <u>9</u>		
16	Preservation: Completed And Tagged <input type="checkbox"/> Not Req'd <input checked="" type="checkbox"/>								

NOTE: #(DP2): 897400-1 With 867952-1 Relief Valve - Required Is 950 PSIG MAX.  
\*(DP 9, 10, 11): Required Only When Requested Or If Operation Is Suspect.  
If Data Is Not Required, So Indicate With "N/R" In Recording Block.

Remarks/Comments:

\*\* NR Deg F / NR LBS/HR

Test Results: Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Route To Quality: \_\_\_\_\_  
Technician: \_\_\_\_\_ Date: 1/25/14  
Inspector: \_\_\_\_\_ Date: \_\_\_\_\_