

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

September 22, 2021

Attachment 6 –No. 2 Engine (P36235C) Fuel Pump Test Report

POWERPLANTS

CEN20LA215

PART # 897400-5 STAND # 614
SERIAL # P-7460 FUEL TYPE 7024

LAB TEMP 70

Para	Data Points	Inlet Pressure (±1)		Shaft Speed (rpm) (±10)	Discharge Pressure (±10)		Discharge Flow		Fluid Temp (±5) (*±2)		Anti-Ice Flow	
		Req'd (psig)	Actual (psig)		Req'd (psig)	Actual (psig)	Req'd (lb/hr)	Actual (lb/hr)	Req'd (°F)	Actual (°F)	Req'd (lb/hr)	Actual (lb/hr)
3.4	1, 2, 3	Break-In Completed:		Yes	No	(Circle One)						
3.5	4	5		1500	<u>700</u>	<u>700</u>		<u>437</u>		<u>74</u>		
3.5	5	5		4536	1375 MAX	<u>1340</u>		<u>0</u>	75	<u>77</u>		
3.6	6	5		4536	700	<u>700</u>	1400 MIN	<u>1750</u>	75	<u>73</u>		
3.6	7	5		4536	140	<u>140</u>		<u>1850</u>	75	<u>73</u>		
3.6	8	5		4000	700	<u>700</u>		<u>1520</u>	75	<u>73</u>		
3.6	9	5		2500	700	<u>700</u>		<u>875</u>	75	<u>73</u>		
3.6	10	5		2500	140	<u>140</u>		<u>1000</u>	75	<u>73</u>		
3.6	11	5		500	140	<u>140</u>	120 MIN	<u>144</u>	75	<u>73</u>		
3.9	12	5		4536	330				85*		15 MAX	
3.9	13	5		4536	330				49*		200 MAX	
3.9	14	5		4536	330				34*		170 MIN	
3.10	15	External Leakage:		(0 Drops Allowed)				<u>Accept</u>	Reject	(Circle One)		
3.11	16	Shaft Leakage:		(5 Drops In 10 Minutes Allowed)				<u>Accept</u>	Reject	(Circle One)		
3.12	17	Filter Inspection:		Accept Reject				Replace And Accept		(Circle One)		
3.13	18	Running Torque:		(18 in-lb Max)				Accept Reject		(Circle One)		
3.14	19	Preservation Completed:		Yes (Circle)								

Signatures As Required	Laboratory
Accept: _____ Reject: _____	

Remarks: FUNCTIONAL TEST POST ACCIDENT.

