



Engine	TSN	NG Cycles	NP Cycles	Date	Work Order #
LE49047	8845.30	11405.60	10360.80	5/15/2014	3001535

Part Number	Serial Number SB Applicability	NHA at Install	Component Time at Install	Component Total Time	Required Every	Time Remaining	Notes
1800 Hour	LE49047	8845.30	0.00	0.00	1800	INS	1800.00
Inspection							
1200 Hour	LE49047	8845.30	0.00	0.00	1800	INS	1800.00
Inspection							
600 Hour	LE49047	8845.30	0.00	0.00	600	INS	600.00
Inspection							
300 Hour	LE49047	8845.30	0.00	0.00	300	INS	300.00
Inspection							
150 Hour	LE49047	8845.30	0.00	0.00	150	INS	150.00
Inspection							
50 Hour	LE49047	8845.30	0.00	0.00	50	INS	50.00
Inspection							
4-081-000-64	W89G016	7052.00	7052.00	8845.30	On Condition	OC	
Gearbox Module							
4-103-000-36	W89G016	7052.00	7052.00	8845.30	On Condition	OC	
GP Module		8470.00	Ng	8470.00	11405.60		
4-141-000-72	W89G016	7052.00	7052.00	8845.30	On Condition	OC	
PT Module		6815.00	Np	6815.00	10360.80		
4-301-377-02	0AFP457	8401.00	1349.00	1793.30	2400	OH	606.70
Fuel Pump		8401.00	0.00	444.30	600	INS	155.70
4-301-288-06	87410032	8634.00	1326.80	1538.10	2400	OH	861.90
Fuel Control		8634.00	0.00	211.30	1200	INS	988.70
4-301-243-02	B-696	7052.00	0.00	1793.30	On Condition	OC	
Oil Pump							
4-301-289-05	84350027	8503.80	1451.80	1793.30	2400	OH	606.70
Governor		8503.80	0.00	341.50	900	INS	558.50
4-301-099-07	16268	7052.00	0.00	1793.30	2400	OH	606.70
T-1 Sensor							
4-301-102-12	2484	7052.00	0.00	1793.30	2400	OH	606.70
Actuator							
4-191-100-03	030416802399	7052.00	0.00	1793.30			
Fuel Manifold		8470.00	Ng	0.00	2935.60	On Condition	CYC
4-101-020-90	052016500090	7052.00	0.00	1793.30	On Condition	OC	
Comp. Rotor Assy		8470.00	Ng	0.00	2935.60	On Condition	OC
4-101-052-64	052016500090	7052.00	0.00	1793.30	15000	HR	13206.70
Impeller		8470.00	Ng	0.00	2935.60	25000	CYC
4-101-006-39	060644912421	7052.00	0.00	1793.30	15000	HR	13206.70
Axial		8470.00	Ng	0.00	2935.60	25000	CYC
4-101-007-12	89A041	7052.00	6116.00	7909.30	15000	HR	7090.70
Shaft		8470.00	Ng	7547.00	10482.60	25000	CYC
4-111-250-04	060322904163	7052.00	0.00	1793.30	On Condition	HR	
GP Rotor		8470.00		0.00	2935.60	On Condition	CYC
4-111-062-03	060322904163	7052.00	0.00	1793.30	15000	HR	13206.70
Disc		8470.00	Ng	0.00	2935.60	15000	CYC
4-111-018-09	060316001993	7052.00	0.00	1793.30	15000	HR	13206.70
Spacer		8470.00	Ng	0.00	2935.60	30000	CYC
4-111-063-02	991365105812	7052.00	0.00	1793.30	15000	HR	13206.70
Sealing Plate		8470.00	Ng	0.00	2935.60	15000	CYC
4-141-290-18	051365109110	7052.00	0.00	1793.30	12000	HR	10206.70
PT Rotor		6815.00	Np	0.00	3545.80	11000	CYC

Compressor Inspection

Verify Complete & Accurate

Axial Rotor for Damage	
Inlet Housing for Cleanliness	

Name:	
Date:	



Engine	TSN	NG Cycles	NP Cycles	Date	WO Number
LE49047	8845.3	11405.60	10360.80	5/15/2014	3001535

Part Number	Serial Number SB Applicability	NHA at Install	Component Time at Install	Component Total Time	Required Every	Notes
4-081-000-64	W89G016	7052.00	7052.00	8845.30	On Condition	
Gearbox Module						
4-301-306-04	070633104102	7052.00	0.00	1793.30	On Condition	
#4 Bearing						D Journal
4-301-306-04	070633106661	7052.00	0.00	1793.30	On Condition	
#5 Bearing						D Journal
4-081-053-11	052517400406	7052.00	0.00	1793.30	On Condition	
Power Pinion Gear						
4-081-360-11	NSN	7052.00	0.00	1793.30	On Condition	
Output Gear						
4-081-350-18	072524200022	7052.00	0.00	1793.30	On Condition	
Torquemeter Gear						
GP Module						
4-103-000-36	W89G016	7052.00	7052.00	8845.30	On Condition	
GP Module		8470.00 Ng	8470.00	11405.60		
4-301-242-03	0719914110410	7052.00	0.00	1793.30	On Condition	
#1 Bearing						
4-301-518-01	060633108840	7052.00	0.00	1793.30	On Condition	
#2 Bearing						
4-304-047-02	13-152826-42968	8845.30	0.00	0.00	On Condition	
#1 Seal						
4-111-090R22	052025600083	8845.30	0.00	0.00	NG Cycle Limited	
GP Nozzle		11405.6 Ng	0.00	0.00	3.88 EFA	
PT Module						
4-141-000-72	W89G016	7052.00	7052.00	8845.30	On Condition	
PT Module		6815.00 Np	6815.00	10360.80		
4-141-440-01	060633116982	7052.00	0.00	1793.30	On Condition	
#2 Outer Bearing						
4-301-242-03	071991410419	7052.00	0.00	1793.30	On Condition	
#3 Bearing						
4-301-357-04	13-152826-41241	8845.30	0.00	0.00	On Condition	
#2 Seal						
4-301-448-01	NSN	8845.30	0.00	0.00	On Condition	
#3 Seal						
4-141-060R22	341C	8845.30	4928.38	4928.38	On Condition	
PT Nozzle					11.584 EFA	
4-143-020R35	10-101978-00319	8845.30	0.00	0.00	300 hours or at access	
Combustion Housing						
4-131-010-30	07P10342	7052	0.00	1793.30	On Condition	
Effusion Liner						



Engine	TSN	NG Cycles	NP Cycles	Date	WO Number
LE49047	8845.3	11405.60	10360.80	5/15/2014	3001535

Part Number	Serial Number SB Applicability	NHA at Install	Component Time at Install	Component Total Time	Required Every	Notes
4-081-000-64	W89G016	7052.00	7052.00	8845.30	On Condition	
Gearbox Module						
4-301-306-04	070633104102	7052.00	0.00	1793.30	On Condition	D Journal
#4 Bearing						
4-301-306-04	070633106661	7052.00	0.00	1793.30	On Condition	D Journal
#5 Bearing						
4-081-053-11	052517400406	7052.00	0.00	1793.30	On Condition	
Power Pinion Gear						
4-081-360-11	NSN	7052.00	0.00	1793.30	On Condition	
Output Gear						
4-081-350-18	072524200022	7052.00	0.00	1793.30	On Condition	
Torquemeter Gear						
GP Module						
4-103-000-36	W89G016	7052.00	7052.00	8845.30	On Condition	
GP Module		8470.00 Ng	8470.00	11405.60		
4-301-242-03	0719914110410	7052.00	0.00	1793.30	On Condition	
#1 Bearing						
4-301-518-01	060633108840	7052.00	0.00	1793.30	On Condition	
#2 Bearing						
4-304-047-02	13-152826-42968	8845.30	0.00	0.00	On Condition	
#1 Seal						
4-111-090R22	052025600083	8845.30	0.00	0.00	NG Cycle Limited	
GP Nozzle		11405.6 Ng	0.00	0.00	3.88 EFA	
PT Module						
4-141-000-72	W89G016	7052.00	7052.00	8845.30	On Condition	
PT Module		6815.00 Np	6815.00	10360.80		
4-141-440-01	060633116982	7052.00	0.00	1793.30	On Condition	
#2 Outer Bearing						
4-301-242-03	071991410419	7052.00	0.00	1793.30	On Condition	
#3 Bearing						
4-301-357-04	13-152826-41241	8845.30	0.00	0.00	On Condition	
#2 Seal						
4-301-448-01	NSN	8845.30	0.00	0.00	On Condition	
#3 Seal						
4-141-060R22	341C	8845.30	4928.38	4928.38	On Condition	
PT Nozzle					11.584 EFA	
4-143-020R35	10-101978-00319	8845.30	0.00	0.00	300 hours or at access	
Combustion Housing						
4-131-010-30	07P10342	7052	0.00	1793.30	On Condition	
Effusion Liner						

Delta-P Component Record Card

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Delta-P Component Record Card

Delta P Check Interval	Technician Name/Date	Engine S/N	Engine Hours Time Since New	Delta Pressure Gauge Kit Assembly Serial Number	P2 Gauge Upper & Lower Pressure Limit (XX / XX)	Control Orifice Allowable on Kit P2 Gauge Reading	Control Orifice installed on Kit P2 Gauge Reading	Kit Installed on Engine P2 Gauge Reading	Percentage of Upper Pressure Limit. (Kit upper limit P2 gauge X% Based on inspection interval = Allowable upper limit pressure.	Engine Passed? Yes / No Allowable P2 Reading
Initial Engine Build Reading	BL/08MAY2014	LE-49047C	8845.3	1	14.5/4.0	11.5/10.8	11.5	6.5	6.5/14.5= 44.8%	YES
Initial Engine Run-up Reading	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Repetitive Inspection Results	JASON WERNER 07MAY2015	LE-49047C	8950.4	WWM010	15.7 / 4.0	12.4 / 13.4	12.5	5	5/15.7= 31.8%	YES
Repetitive Inspection Results	JASON WERNER 09SEP2015	LE-49047C	9041.6	WWM010	15.7 / 4.0	12.4 / 13.4	12.5	6.5	6.5/15.7= 41.4%	YES
Repetitive Inspection Results	JASON WERNER 15MAR2016	LE-49047C	9124.5	WWM010	15.7 / 4.0	12.4 / 13.4	12.5	6.6	6.6/15.7= 42%	YES
Repetitive Inspection Results	JASON WERNER 01FEB2018	LE-49047C	9403	WWM010	15.7 / 4.0	12.4 / 13.4	11.75	5.75	5.7/15.7= 36.6%	YES
Repetitive Inspection Results	JASON WERNER 08APR2018 2019	LE-49047C	9559.4	WWM010	15.7 / 4.0	12.4 / 13.4	12.75	6.75	6.75/15.7= 43%	YES
Repetitive Inspection Results	JASON WERNER 04FEB2021	LE-49047C	9658.6	WWM010	15.7 / 4.0	12.4 / 13.4	13	6.8	6.8/15.7= 43.3%	YES
Repetitive Inspection Results	JASON WERNER 16DEC2021	LE-49047C	9731.2	WWM010	15.7/4.0	12.4/13.4	13	7.0	44.5%	YES
Repetitive Inspection Results	JASON WERNER 08AUG2022	LE-49047C	9806.4	WWM010	15.7/4.0	12.4/13.4	13	7.1	45%	YES

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S/N LE-49047C

ENGINE HISTORY RECORD

[illegible]

☒ ENGINE
☐ MODULE ☐ AGB ☐ GP ☐ PT

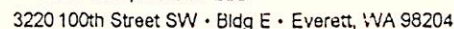
MAJOR COMPONENT RECORD
S/N LE-49047C

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A	B	C	D		
		COMPONENT TIME	NHA TIME	NHA TIME	COMPONENT TOTAL TIME		
PART NAME	PART NO. SERIAL NO.	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
AGB	4-081-000-64 ORI T41524	7052.0	7052.0				
MODULE	W89G016	-	-				
GP	4-103-000-36 ORI T41524	7052.0	7052.0				
MODULE	W89G016	8470.0	8470.0				
PT	4-141-000-72 ORI T41524	7052.0	7052.0				
MODULE	W89G016	6815.0	6815.0				
FUEL CONTROL	4-301-288-06	0.0	7052.0	255.2	7307.2	EOS Test, Engine decelerates Will Not recover	SAH
	337913	TSO	-				
FUEL PUMP	4-301-377-02	0.0	7052.0				
	OAFP457	TSO	-				
OIL PUMP	4-301-243-02	0.0	7052.0				
	B-696	TSO	-				
T1 SENSOR	4-301-099-07	0.0	7052.0				
	16268	TSO	-				
PT GOVERNOR	4-301-289-05	0.0	7052.0				
	84350027	TSO	-				
AIRFLOW MODULATOR	4-301-102-12	0.0	7052.0				
	2484	TSO	-				
Electronic O/S Valve	4-301-372-01	0.0	7052.0				
	1178	-	-				
FUEL MANIFOLD	4-191-100-03	140.0	7052.0				
	030416802399	-	-				

☒ ENGINE
☐ MODULE ☐ AGB ☐ GP ☐ PT

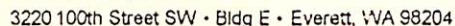
MAJOR COMPONENT RECORD S/N LE-49047C

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
PART NAME	SERIAL NO.						
Fuel Control	4-301-288-06	0.0	7307.2	1324.8	8634.0	Removed for SB LT101-73-20-0272 Bearing Repl.	NA
	87410032	TSO		780	Eng. TT		
Fuel Control	4-301-288-04	1324.8	8634.0				
	87410032	TSO	Eng. TT				



Description: Fence Actuator Model number: AV-P1
Part Number: 254020-4X Serial number: 2484
(4-30-102-12)

[illegible]



Description: TEMP Sensor Model number: TS-11
Part Number: 2549123-2 Serial number: 16268
4-301 099-07

[illegible]

Component Record Card

Description	Fuel Pump
1. Fuel pump assembly	1. Fuel pump assembly
2. Fuel pump drive shaft	2. Fuel pump drive shaft
3. Fuel pump housing	3. Fuel pump housing
4. Fuel pump inlet filter	4. Fuel pump inlet filter
5. Fuel pump outlet filter	5. Fuel pump outlet filter
6. Fuel pump control valve	6. Fuel pump control valve
7. Fuel pump pressure regulator	7. Fuel pump pressure regulator
8. Fuel pump safety valve	8. Fuel pump safety valve
9. Fuel pump relief valve	9. Fuel pump relief valve
10. Fuel pump check valve	10. Fuel pump check valve
11. Fuel pump bypass valve	11. Fuel pump bypass valve
12. Fuel pump drain valve	12. Fuel pump drain valve
13. Fuel pump vent valve	13. Fuel pump vent valve
14. Fuel pump purge valve	14. Fuel pump purge valve
15. Fuel pump flush valve	15. Fuel pump flush valve
16. Fuel pump test port	16. Fuel pump test port
17. Fuel pump service port	17. Fuel pump service port
18. Fuel pump inspection port	18. Fuel pump inspection port
19. Fuel pump maintenance port	19. Fuel pump maintenance port
20. Fuel pump repair port	20. Fuel pump repair port
21. Fuel pump replacement port	21. Fuel pump replacement port
22. Fuel pump removal port	22. Fuel pump removal port
23. Fuel pump installation port	23. Fuel pump installation port
24. Fuel pump operation port	24. Fuel pump operation port
25. Fuel pump shutdown port	25. Fuel pump shutdown port
26. Fuel pump start port	26. Fuel pump start port
27. Fuel pump stop port	27. Fuel pump stop port
28. Fuel pump reset port	28. Fuel pump reset port
29. Fuel pump lock port	29. Fuel pump lock port
30. Fuel pump unlock port	30. Fuel pump unlock port
31. Fuel pump alarm port	31. Fuel pump alarm port
32. Fuel pump status port	32. Fuel pump status port
33. Fuel pump error port	33. Fuel pump error port
34. Fuel pump warning port	34. Fuel pump warning port
35. Fuel pump fault port	35. Fuel pump fault port
36. Fuel pump signal port	36. Fuel pump signal port
37. Fuel pump power port	37. Fuel pump power port
38. Fuel pump ground port	38. Fuel pump ground port
39. Fuel pump battery port	39. Fuel pump battery port
40. Fuel pump fuse port	40. Fuel pump fuse port
41. Fuel pump relay port	41. Fuel pump relay port
42. Fuel pump switch port	42. Fuel pump switch port
43. Fuel pump button port	43. Fuel pump button port
44. Fuel pump knob port	44. Fuel pump knob port
45. Fuel pump lever port	45. Fuel pump lever port
46. Fuel pump pedal port	46. Fuel pump pedal port
47. Fuel pump handle port	47. Fuel pump handle port
48. Fuel pump wheel port	48. Fuel pump wheel port
49. Fuel pump footrest port	49. Fuel pump footrest port
50. Fuel pump seat port	50. Fuel pump seat port
51. Fuel pump backrest port	51. Fuel pump backrest port
52. Fuel pump headrest port	52. Fuel pump headrest port
53. Fuel pump armrest port	53. Fuel pump armrest port
54. Fuel pump leg rest port	54. Fuel pump leg rest port
55. Fuel pump handrail port	55. Fuel pump handrail port
56. Fuel pump grab bar port	56. Fuel pump grab bar port
57. Fuel pump support post port	57. Fuel pump support post port
58. Fuel pump base plate port	58. Fuel pump base plate port
59. Fuel pump mounting bracket port	59. Fuel pump mounting bracket port
60. Fuel pump fastener port	60. Fuel pump fastener port
61. Fuel pump screw port	61. Fuel pump screw port
62. Fuel pump bolt port	62. Fuel pump bolt port
63. Fuel pump nut port	63. Fuel pump nut port
64. Fuel pump washer port	64. Fuel pump washer port
65. Fuel pump spacer port	65. Fuel pump spacer port
66. Fuel pump pin port	66. Fuel pump pin port
67. Fuel pump clip port	67. Fuel pump clip port
68. Fuel pump plug port	68. Fuel pump plug port
69. Fuel pump cap port	69. Fuel pump cap port
70. Fuel pump cover port	70. Fuel pump cover port
71. Fuel pump door port	71. Fuel pump door port
72. Fuel pump window port	72. Fuel pump window port
73. Fuel pump mirror port	73. Fuel pump mirror port
74. Fuel pump speaker port	74. Fuel pump speaker port
75. Fuel pump microphone port	75. Fuel pump microphone port
76. Fuel pump camera port	76. Fuel pump camera port
77. Fuel pump sensor port	77. Fuel pump sensor port
78. Fuel pump actuator port	78. Fuel pump actuator port
79. Fuel pump solenoid port	79. Fuel pump solenoid port
80. Fuel pump motor port	80. Fuel pump motor port
81. Fuel pump generator port	81. Fuel pump generator port
82. Fuel pump alternator port	82. Fuel pump alternator port
83. Fuel pump battery charger port	83. Fuel pump battery charger port
84. Fuel pump fuel tank port	84. Fuel pump fuel tank port
85. Fuel pump fuel line port	85. Fuel pump fuel line port
86. Fuel pump fuel hose port	86. Fuel pump fuel hose port
87. Fuel pump fuel nozzle port	87. Fuel pump fuel nozzle port
88. Fuel pump fuel filter port	88. Fuel pump fuel filter port
89. Fuel pump fuel injector port	89. Fuel pump fuel injector port
90. Fuel pump fuel pump port	90. Fuel pump fuel pump port
91. Fuel pump fuel rail port	91. Fuel pump fuel rail port
92. Fuel pump fuel manifold port	92. Fuel pump fuel manifold port
93. Fuel pump fuel distributor port	93. Fuel pump fuel distributor port
94. Fuel pump fuel valve port	94. Fuel pump fuel valve port
95. Fuel pump fuel solenoid port	95. Fuel pump fuel solenoid port
96. Fuel pump fuel metering port	96. Fuel pump fuel metering port
97. Fuel pump fuel timing port	97. Fuel pump fuel timing port
98. Fuel pump fuel pressure port	98. Fuel pump fuel pressure port
99. Fuel pump fuel flow port	99. Fuel pump fuel flow port
100. Fuel pump fuel temperature port	100. Fuel pump fuel temperature port

Part number 4-301-377-12

Serial Number

0AFP457

Note: return this card with components

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMMERCIAL HISTORICAL SERVICE RECORD

[illegible]

HISTORY OF INSPECTION, OVERHAUL, REPAIR AND APPLICATION OF TECHNICAL BULLETIN, SERVICE BULLETIN, AIRWORTHINESS DIRECTIVES, ETC.

[illegible]

COMPONENT NAME Fuel Control Unit
 PART NUMBER 4-301-288-06
 SERIAL NUMBER 87410032
 PAGE 1 OF 1

COMMERCIAL HISTORICAL SERVICE RECORD

INSTALLATION DATA						NEXT SCHEDULED	REMOVAL DATA				
DATE	INSTALLED ON ENGINE SERIAL NO.	BY (ACTIVITY)	INSTALLED AT	COMPONENT HRS / RIN		☐ INSP ☐ O/H ☐ RETIRE	DATE	REMOVED AT	COMPONENT HRS / RIN		REASON FOR REMOVAL
			ENG HRS.	COMP HRS	COMP HRS			ENG HRS.	COMP HRS	COMP HRS	
			RIN	RIN	RIN			RIN	RIN	RIN	
12/12/07	LE-49047C	WWM	7307.2	UNK	0.0		3-11-13	8684.0	1326.8	-	SB LT 101-73-20-0272 Compliance
3-21-13	LE-49047C	WWM	8684.0	1326.8	1326.8						

HISTORY OF INSPECTION, OVERHAUL, REPAIR AND APPLICATION OF TECHNICAL BULLETIN, SERVICE BULLETIN, AIRWORTHINESS DIRECTIVES, ETC.

COMPONENT TOTAL TIME/RIN	DESCRIPTION OF WORK ACCOMPLISHED	COMPLIED WITH BY		
		Signature affirms work performed IAW FAR Part 43		
		SIGNATURE	CERTIFICATE NO.	DATE
0.0 hrs TSO	Item modified and tested per Honeywell Overhaul Manual P/N 15-629C, Rev Oct 1998 and other FAA Approved Data. Complied with: SIL-19, GT-333, GT-342. TSO: 0.0 hours. Return to commercial service IAW DER 0397R&O-4-030 and SB LTS101A72-00-52 (See FAA Form 8130-3)	Precision Fuel Components, LLC	Q1UR135Y	9/19/07
1326.8 TSO	Repaired & tested IAW Honeywell specification	Precision Fuel Components LLC	Q1UR135Y	3-19-13
	Complied with ET 368, AT-366			

COMPONENT NAME P T Governor
 PART NUMBER 4-301-289-05 ((2549164-2HN1)
 SERIAL NUMBER 84350027
 PAGE 1 OF 1

COMMERCIAL HISTORICAL SERVICE RECORD

INSTALLATION DATA						NEXT SCHEDULED	REMOVAL DATA				
DATE	INSTALLED ON ENGINE SERIAL NO.	BY (ACTIVITY)	INSTALLED AT	COMPONENT HRS / RIN		☐ INSP ☐ O/H ☐ RETIRE	DATE	REMOVED AT	COMPONENT HRS / RIN		REASON FOR REMOVAL
			ENG HRS.	COMP HRS	COMP HRS				ENG HRS.	COMP HRS	
			RIN	RIN	RIN				RIN	RIN	
8/10/11	LE-49047C	WWM	8318.2	UNK	1266.2	2400	5/11/12	8503.8	UNK	1451.8	AD 2011-23-13 Compliance
					0.0 TSR						
5/14/12	LE-49047C	WWM	8503.8	UNK	1451.8	Insp. 2244.5	19 DEC 2017	9403.0	UNK	2351.0	DUE ON AD COMPLIANCE
06 FEB 2018	LE-49047C	WWM	9403.0	UNK	0.0 TSR						

HISTORY OF INSPECTION, OVERHAUL, REPAIR AND APPLICATION OF TECHNICAL BULLETIN, SERVICE BULLETIN, AIRWORTHINESS DIRECTIVES, ETC.

COMPONENT TOTAL TIME/RIN	DESCRIPTION OF WORK ACCOMPLISHED	COMPLIED WITH BY		
		Signature affirms work performed IAW FAR Part 43		
		SIGNATURE	CERTIFICATE NO.	DATE
1266.2 hrs TSO	Repaired and tested per Honeywell Overhaul Manual P/N 15-630, Rev B, Dated March 1999 and other FAA Approved Data. Complied with: GT-351 (Spool Bearing Replacement) (See FAA Form 8130-3 WO # P/O:2306 dated Aug 10 2011)	Precision Fuel Components, LLC	Q1UR135Y	8/10/11
1344.5 hrs TSO	Repaired and tested per Honeywell Overhaul Manual P/N 15-630, Rev B, Dated March 1999 and other FAA Approved Data. Complied with: GT-A359 (Spool Bearing Replacement), PT Governor identified with "P" on data plate. (See FAA Form 8130-3 WO # P/O:2400 dated May 14, 2012)	Precision Fuel Components, LLC	Q1UR135Y	5/14/12
0.00 TSO	Overhauled & tested IAW Honeywell specification Precision Fuel Components LLC. Complied with GT-73-039 Rev 1, GT-73-366 Modified to 2549164-4H (4-301-289-05)		Q1UR135Y	1/24/18

COMMERCIAL HISTORICAL SERVICE RECORD

HISTORY OF INSPECTION, OVERHAUL, REPAIR AND APPLICATION OF TECHNICAL BULLETIN, SERVICE BULLETIN, AIRWORTHINESS DIRECTIVES, ETC.

[illegible]

COMPONENT RECORD CARD

DESCRIPTION OIL PUMP

PART NUMBER 4-301-243-02

SERIAL NO. B-696

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	T1 Sensor
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PART NUMBER	4-301-099-07	SERIAL NO.	16268
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NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	Airflow Modulator
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PART NUMBER 4-301-102-12 SERIAL NO. 2484

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	O/S VALVE

PART NUMBER	4-301-372-01	SERIAL NO.	1178
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NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	FUEL MANIFOLD

PART NUMBER	4-191-100-03	SERIAL NO.	030416802399
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NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.



Service Bulletin Compliance Record Engine				Engine Serial #	Work Order#	Date
				LE49047	3001535	5/15/2014
Service Bulletin Number	Subject	Compliance	Applicable Part Number	At Teardown	At Completion	Logbook-Location of Compliance
LT101-71-00-0002 Rev 27 dated April 2, 2008	Cycle life reduction of GP Disc by Serial Number Appendix 1	Mandatory	4-111-015-14 Specific Serial Numbers	N/A	N/A	Verified N/A by PN of disc installed. PN: 4-111-062-03 SN: 060322904163
LT101-72-40-0103 Rev 7 dated May 3/12	Rear Bearing Support Housing (RBSH) Cleaning	Mandatory Repetitive	4-143-020XX, 4-141-010-XX		CW	CW for SB0248 5/12/14 @ ETT 8845.3 Due at next H.S.I. or at 300 Hr access
LTS101-73-10-0169 Rev ORG dated Dec 12, 1994	One Time Inspection of Speed Pickups	Mandatory Inspection	4-301-356-01	PCW	PCW	Verified PCW by Operating & maintenance Record dated 5/17/07 @ ETT: 7052.0
LT101-77-20-0175 ORG dated July 2, 1996	Engine Indicating Section Inspection & Rework of Thermocouple Junction Box	Mandatory Inspection	4-301-045-01, 4-301-045-03, 4-301-045-04, 4-301-045-05	Verify	CW	CW at this event 5/12/14 @ ETT 8845.3
LT101-75-30-0220 Rev 1 dated March 8, 2001	Removal and Return of Flow Fence Actuators, Component Parts List No. 2524810-7, 2549020-2, and 2549040-2	Mandatory	4-301-102-09, 4-301-102-12, and 4-301-102-17 Specific Serial Numbers	N/A	N/A	Verified N/A by SN of Actuator installed. PN: 4-301-102-12 SN: 2484
LT101-75-30-0238 Rev ORG dated April 29, 2004	Actuator Diaphragm Inspection	Mandatory	4-301-102-XX Specific Serial Numbers	N/A	N/A	Verified N/A by SN of Actuator installed. PN: 4-301-102-12 SN: 2485
LTS101-72-60-0243 Rev Org dated Sept 20, 2006	Removal and replacement of lock cup P/N 4-082-094-01	Mandatory	Remove 4-082-094-01 Install 4-082-094-02	PCW	PCW	Verified PCW by Operating & maintenance Record dated 5/17/07 @ ETT: 7052.0
LTS101-79-20-0248 Rev 2 dated Nov 1/10	Introduction of improved combustor and bearing support housing	Mandatory	4-141-010-XX and 4-143-020-XX		CW	CW at this event 5/12/14 @ ETT 8845.3
LT101-71-00-0251 Rev 1 dated Jun 17/11	Usage of new improved Delta Pressure Gage kit. New Delta P component card	Mandatory	4-143-020XX, 4-141-010-XX	Due	CW	CW at this event 5/12/14 @ ETT 8845.3
LTS101-71-00-0252 Org dated Dec 12, 2008	Inspection of Power Turbine Rotor Blade P/N 4-141-084-06 contained on PT Rotors P/N 4-141-290-01/-03/-05/-06/-11/-12/-13/-14	Mandatory	4-141-290-01/-03/-05/-06/-11/-12/-13/-14	PCW	PCW	Verified PCW by PN of Rotor installed. PN: 4-141-290-18 SN: 051365109110
LTS101-72-50-0258 Rev 3 dated May 7/12	Initial and repetitive inspections of Gas Generator Nozzle P/N 4-111-090-02 and 4-111-090-08 Inspection	Mandatory	4-111-090XX	PCW	PCW	Verified PCW by Operating & Maintenance Record dated 1/26/10 @ ETT: 7932.0. Next due at Eng NG 11451.5
LT101-71-00-0263 R1 dated Nov 18, 2010	Usage of Mobil Jet Oil 254 of BP Turbo Oil 2197	Mandatory	4-141-010-XX and 4-143-020-XX	DUE	CW	CW at this event 5/12/14 @ ETT 8845.3
LTS101-73-20-0264 R1 dated Mar 18/13	Introduction of new fuel pump	Mandatory	4-301-377-02/-08 upgraded to 4-301-377-12 4-301-377-09 upgraded to 4-301-377-10 4-301-377-07 upgraded to 4-301-377-13		CW	CW at this event 5/12/14 @ ETT 8845.3 Verified times only
LTS101-73-20-A0268 dated Aug 23, 2011	PT Governor Spool Bearing replacement	Mandatory	4-301-289-03, 4-301-289-05, 4-301-289-09, 4-301-101-16, 4-301-101-18	PCW	PCW	Verified PCW by "P" marked on data plate PN: 4-301-289-05 SN: 84350027 Next due at Eng TT 9403.80
LTS101-73-10-0271 dated Mar 16/12	Replacement of bypass valve sleeve	Mandatory	4-301-288-06 (Specific serial numbers)	N/A	N/A	Verified N/A by SN of Fuel Control installed. PN: 4-301-288-06 SN: 87410032
LT101-73-20-0272 dated Jul 23/12	Fuel Control Spool Bearing replacement	Mandatory	4-301-288-06/-07	PCW	PCW	Verified PCW by "SD" marked on data plate. PN: 4-301-288-06 SN: 87410032



Engine Serial #

Work Order#

Date

Service Bulletin Compliance Record Engine

LE49047

3001535

5/15/2014

Service Bulletin Number	Subject	Compliance	Applicable Part Number	At Teardown	At Completion	Logbook-Location of Compliance
LT101-72-30-0273 dated 25 Feb 2013	Replacement of #1 seal	Optional	Remove 4-304-047-01 Install 4-304-047-02		CW	CW at this event 5/12/14 @ ETT 8845.3
LT101-73-10-0275 dated, Aug 22, 2013	Flow Divider Bolt Replacement	Mandatory	4-191-100-03	Due	CW	CW at this event 5/12/14 @ ETT 8845.3



Airworthiness Directive Compliance Record		LE49047				3001535
AD Number	Subject & Applicability	Method of Compliance	One Time	Recurring	Next Due Date/Hrs	Authorized Signature or CRS Stamp
2011-08-06 Effective Date 5/17/11	Power Turbine Rotor LTS101 Series engines and LTP101 Series engines SB LT101-71-00-0252	Verified PCW by PN of Rotor installed. PN: 4-141-290-18 SN: 051365109110	X		N/A	CRS D2DR426J
2011-23-13 Effective date 11/29/11	Power Turbine Governor LTS101-600A-2, -3, -3A and 700D-2 engines SB LTS101-73-20-A0268	Verified PCW by "P" marked on data plate PN: 4-301-289-05 SN: 84350027 Next due at Eng NG cycles 11964.10		X	200 HR	CRS D2DR426J

☐ ENGINE
☒ MODULE ☒ AGB ☐ GP ☐ PT

MAJOR COMPONENT RECORD
S/N W89G016

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A	B	C	D		
		COMPONENT TIME	NHA TIME	NHA TIME	COMPONENT TOTAL TIME		
PART NAME	SERIAL NO.	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
POWER PINION GEAR	4-081-053-11	0.0	7052.0				
	052517400406	-	-				
OUTPUT GEAR	4-081-360-11	0.0	7052.0				
	NSN	-	-				
TORQUE IDLER GEAR	4-081-350-18	0.0	7052.0				
	072524200022	-	-				
#4 BEARING	4-301-306-04	0.0	7052.0				
	070633104102	-	-				
#5 BEARING	4-301-306-04	0.0	7052.0				
	070633106661	-	-				

☒ **MODULE** ☒ **AGB** ☐ **GP** ☐ **PT**

S/N W89G016

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
PART NAME	PART NO. SERIAL NO.	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		

☐ ENGINE
☒ MODULE ☐ AGB ☒ GP ☐ PT

MAJOR COMPONENT RECORD S/N W89G016

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
PART NAME	SERIAL NO.	CYCLES	CYCLES	CYCLES	CYCLES		
#1 SEAL	4-304-047-01	0.0	7052.0	8845.3	1793.3	Leaking ITS CRS # D2DR426J	5/12/14 ML
	071821000351	-	-	-	-		
#1 BEARING	4-301-242-03	0.0	7052.0				
	071991410410	-	-				
#2 BEARING	4-301-518-01	0.0	7052.0				
	060633108840	-	-				
GP ROTOR ASSY	4-111-250-04	0.0	7052.0				
	060322904163	0.0	8470.0				
GP DISC	4-111-062-03	0.0	7052.0				
	060322904163	0.0	8470.0				
GP SPACER	4-111-018-09	0.0	7052.0				
	060316001993	0.0	8470.0				
GP SEALING PLATE	4-111-063-02	0.0	7052.0				
	991365105812	0.0	8470.0				
EFA =3.988 GP NOZZLE	4-111-090-12	0.0	7052.0	8845.3	1793.3	Achieve needed flow ITS CRS # D2DR426J	5/12/14 ML
	A00EG	TSO	-	-	-		
IMPELLER	4-101-052-64	0.0	7052.0				
	052016500090	0.0	8470.0				
AXIAL ROTOR	4-101-006-39	0.0	7052.0				
	060644912421	0.0	8470.0				
COMPRESSOR SHAFT	4-101-007-12	6116.0	7052.0				
	89A041	7547.0	8470.0				
GP Nozzle	4-111-090R22	0.0	8845.3				
	052025600083	0.0	11405.6				

☒ MODULE ☐ AGB ☒ GP ☐ PT

S/N W89G016

[illegible]

COMPONENT RECORD CARD

DESCRIPTION GP ROTOR ASSEMBLY

PART NUMBER 4-111-250-04

SERIAL NO. 060322904163

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	GP ROTOR ASSEMBLY
1	GP ROTOR ASSEMBLY

PART NUMBER 4-111-250-04 **SERIAL NO.** 060322904163

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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COMPONENT RECORD CARD

DESCRIPTION	COMPRESSOR ASSEMBLY
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PART NUMBER	4-101-020-90	SERIAL NO.	052016500090
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NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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COMPONENT RECORD CARD

DESCRIPTION COMPRESSOR ASSEMBLY

PART NUMBER	4-101-020-90	SERIAL NO.	052016500090
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NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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COMPONENT RECORD CARD

DESCRIPTION GP NOZZLE - SHIELD INSPECTION

PART NUMBER 4-111-090R22 EFA = 3.880 SERIAL NO. 052025600083

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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☐ ENGINE
☒ MODULE ☐ AGB ☐ GP ☒ PT

MAJOR COMPONENT RECORD S/N W89G016

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS	HOURS	HOURS	HOURS		
PART NAME	SERIAL NO.	CYCLES	CYCLES	CYCLES	CYCLES		
PT	4-141-290-18	0.0	7052.0				
ROTOR ASSY	051365109110	0.0	6815.0				
#2	4-301-506-02	0.0	7052.0	8845.3	1793.3	Leaking ITS CRS# D2DR426J	5/12/14 ML
SEAL	070515878541	-	-	-	-		
#2 BEARING	4-141-440-01	0.0	7052.0				
OUTER RACE	060633116982	-	-				
#3	4-301-448-01	0.0	7052.0	8845.3	1793.3	Leaking ITS CRS # D2DR426J	5/12/14 ML
SEAL	NSN	-	-	-	-		
#3	4-301-242-03	0.0	7052.0				
BEARING	071991410419	-	-				
EFA=11.480	4-141-060-16	0.0	7052.0	8845.3	1793.3	Achieve needed flow ITS CRS# D2DR426J	5/12/14 ML
PT NOZZLE (SB0194)	A025	TSO	-	-	-		
RBSH	4-143-020-17	0.0	7052.0	8845.3	1793.3	SB0248 Compliance ITS CRS# D2DR426J	5/12/14 ML
	S4007PX	TSO	-	-	-		
Comb. Liner	4-131-010-30	0.0	7052.0				
	07P10342	-	-				
#3 Seal	4-301-448-01	0.0	8845.3				
	NSN	-	-				
EFA: 11.584 PT Nozzle	4-141-060R22	4928.38	8845.3				
	341C	-	-				
#2 Seal	4-301-357-04	0.0	8845.3				
	13-152826-41241	-	-				
RBSH	4-143-020R35	1793.3	8845.3				
	10-10978-00319	TSI: 0.0	-				

☐ ENGINE ☒ MODULE ☐ AGB ☐ GP ☒ PT

MAJOR COMPONENT RECORD
S/N W89G016

COMPONENT		INSTALLATION		REMOVAL		REASON FOR REMOVAL	INITIALS
		A COMPONENT TIME	B NHA TIME	C NHA TIME	D COMPONENT TOTAL TIME		
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		
PART NAME	PART NO. SERIAL NO.						

COMPONENT RECORD CARD

DESCRIPTION	PT ROTOR
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PART NUMBER 4-141-290-18 SERIAL NO. 051365109110

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

Your signature or stamp signifies that the total operating hours and operating cycles on the components listed above are hereby certified to be true and correct.

COMPONENT RECORD CARD

DESCRIPTION	PT ROTOR
1. The rotor is a cylindrical device used in the PT rotor assembly. It is made of a material that is resistant to corrosion and is designed to rotate freely. The rotor is mounted on a shaft and is connected to the stator by a set of brushes. The rotor is used to convert the AC input into a DC output by rectifying the current. The rotor is also used to provide a reference voltage for the PT rotor assembly.	

PART NUMBER 4-141-290-18 SERIAL NO. 051365109110

NOTE: RETURN THIS CARD WITH COMPONENTS

[illegible]

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