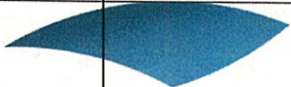


1. Approving Civil Aviation Authority/Country TRANSPORT CANADA		2. Authorized Release Certificate Form One			3. Form Tracking No. 533589	
4. Organization Name and Address  StandardAero 800 Aerospace Blvd. Hangar 8 Slemon Park, PEI, CANADA, C0B 2A0				5. Work Order/Contract/Invoice 44-52628		
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial/Batch No.	11. Status/Work	
1	COMPLETE ENGINE ASSEMBLY PW121	3104500-01	1	PCF-AC0164	Repaired	
12. Remarks HOT SECTION INSPECTION CARRIED OUT I.A.W. P&WC MANUAL P/N 3034642 REV 75.0 (2024-05-20) REPAIR CARRIED OUT FOR "OIL LEAK" I.A.W P&WC MANUAL P/N 3034643 REV 42.0 (2024-05-13) ALL FAA AND TRANSPORT CANADA AD'S ARE OR WERE PREVIOUSLY COMPLIED WITH. TEST RUN I.A.W. MANUFACTURER'S REQUIREMENTS. CUSTOMER PO # TDE/2024/94 ENGINE ASSEMBLY PACKAGED AND PRESERVED FOR LONG TERM STORAGE IAW P&WC REQUIREMENTS. TM-TSN:4993:40 TSR: 0:00 TSHSI: 0:00 CSN: 11586 CSR: 0 CSHSI: 0 RGB- TSN:4993:40 TSR: 3498:00 CSN: 11586 CSR: 8402						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 12.		14a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature	13c. Approved Organization Number	14b. Signature 		14c. Approved Organization Number TCCA AMO 3-92		
13d. Name	13e. Date (dd/mmm/yyyy)	14d. Name John Colarosa		14e. Date (dd/mmm/yyyy) 27-May-2025		
* Installer must cross-check eligibility with approved data INSTALLER RESPONSIBILITIES This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						
Form One (2016-12-23) Printed: 5/26/2025 2:53:32 PM Page 1 of 1						

1. Approving Civil Aviation Authority/Country TRANSPORT CANADA		2. Authorized Release Certificate Form One			3. Form Tracking No. 533590	
4. Organization Name and Address  StandardAero 800 Aerospace Blvd. Hangar 8 Slemon Park, PEI, CANADA, G0N 2A0				5. Work Order/Contract/Invoice 11 62628		
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial/Batch No.	11. Status/Work	
1	TURBOMACHINERY MODULE PW121	3104400-01	1	TM-AC0164	Repaired	
12. Remarks HOT SECTION INSPECTION CARRIED OUT I.A.W. P&WC MANUAL P/N 3034642 REV 75.0 (2024-05-20) REPAIR CARRIED OUT FOR "OIL LEAK" I.A.W P&WC MANUAL P/N 3034643 REV 42.0 (2024-05-13) ALL FAA AND TRANSPORT CANADA AD'S ARE OR WERE PREVIOUSLY COMPLIED WITH. MATED TO RGM AC0164 AND TEST RUN I.A.W. MANUFACTURER'S REQUIREMENTS. CUSTOMER PO # TDE/2024/94 ENGINE ASSEMBLY PACKAGED AND PRESERVED FOR LONG TERM STORAGE IAW P&WC REQUIREMENTS. TSN:4993:40 TSR: 0:00 TSHSI: 0:00 CSN: 11586 CSR: 0 CSHSI 0						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 12.		14a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature	13c. Approved Organization Number	14b. Signature 		14c. Approved Organization Number TCCA AMO 3-92		
13d. Name	13e. Date (dd/mmm/yyyy)	14d. Name John Colarosa		14e. Date (dd/mmm/yyyy) 27-May-2025		
* Installer must cross-check eligibility with approved data INSTALLER RESPONSIBILITIES This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						
Form One (2016-12-23) Printed: 5/26/2025 2:53:54 PM						
Page 1 of 1						

1. Approving Civil Aviation Authority/Country TRANSPORT CANADA		2. Authorized Release Certificate Form One			3. Form Tracking No. 533591	
4. Organization Name and Address  StandardAero 800 Aerospace Blvd. Hangar 8 Slemon Park, PEI, CANADA, C0B 2A0				5. Work Order/Contract/Invoice 44-52631		
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial/Batch No.	11. Status/Work	
1	REDUCTION GEARBOX MODULE PW121	3104280-01	1	RGM-AC0164	Inspected/Tested	
12. Remarks EXTERNAL VISUAL INSPECTION CARRIED OUT IAW P&WC MAINTENANCE MANUAL P/N 3034642 REV 75.0 (2024-05-20) ALL FAA AND TRANSPORT CANADA AD'S ARE OR WERE PREVIOUSLY COMPLIED WITH. MATED TO TM AC0164 AND TEST RUN I.A.W. MANUFACTURER'S REQUIREMENTS. CUSTOMER PO # TDE/2024/94 ENGINE ASSEMBLY PACKAGED AND PRESERVED FOR LONG TERM STORAGE IAW P&WC REQUIREMENTS. T&N: 1003:10 T&R: 3100:00 Q&N: 11600 Q&R: 0400						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 12.		14a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature	13c. Approved Organization Number	14b. Signature 		14c. Approved Organization Number TCCA AMO 3-92		
13d. Name	13e. Date (dd/mmm/yyyy)	14d. Name John Colarosa		14e. Date (dd/mmm/yyyy) 27-May-2025		
* Installer must cross-check eligibility with approved data INSTALLER RESPONSIBILITIES This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						
Form One (2016-12-23) Printed: 5/26/2025 2:54:09 PM						
Page 1 of 1						


StandardAero

PW100 Life Limited Parts History Log

StandardAero Summerside
800 Aerospace Blvd, Slemon Park
Summerside, PE
Canada C0B 2A0
Tel: 902.436.1333
Fax: 902.436.0070
Toll Free: 1.866.436.1333
AMO 3-92

Engine Model PW121	SB# N/A	Order/Task 2568/13	Maintenance Manual/Rev. 3034642 REV 75.0	Date 2025-05-26	Class 4 
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Module	Serial No.	TSN:	CSN:	Work Order	Workscope:
TM	AC0164	4993.40	11586.0	44-52628	RHS
RGB	AC0164	4993.40	11586.0	44-52631	MWS

Description	Part Number	Serial Number	TSN	Accum. Total CSN
LP Impeller	REC 3040689	EAAE000N254	4993:40	11586
	INS Same			
LP Turbine	REC 3036212	A004LDWR	4993:40	11586
	INS Same			
HP Cover, Front	REC 3049049-01	A004K5FT	4993:40	11586
	INS 3049049-01	A005F1RH	0:00	0
HP Cover, Rear	REC 3041436	A004K5F0	4993:40	11586
	INS 3041436	A005D78B	0:00	0
HP Impeller	REC 3072765-01	A004B8N1	4993:40	11586
	INS Same			
HP Turbine	REC 3045591	A004HK7N	4993:40	11586
	INS 3045591	A005CXRN	0:00	0
PT Stg. 1 Turbine	REC 3038613	A0045P20	4993:40	11586
	INS Same			
PT Stg. 2 Turbine	REC 3033914	A004K6MT	4993:40	11586
	INS Same			
InterStg Air Seal	REC 3134563	MDA18005770	4993:40	11586
	INS 3134565	MDA23028195	0:00	0

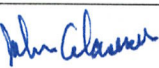
HP Blades	☒ See Blades History	☐ Blades Not Disassembled	☐ N/A
1st Stg. PT Blades	☐ See Blades History	☒ Blades Not Disassembled	☐ N/A
LP Blades	☒ See Blades History	☐ Blades Not Disassembled	☐ N/A

Remarks

For determination of remaining life on these parts, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where these parts are installed.



PW100 ACCESSORIES RECORD

Reduction Gearbox		Serial No.AC0164		W/O No.44-52631	
Item	Part No.	Serial No.	TSN	TSO	TSR
Overspeed Gov.	not received	-	-	-	-
O/S Gov Hyd Pump	not received	-	-	-	-
NP Speed Probe	3077761-01	CH7089	time contd	-	-
TQ Sensor	-	-	-	-	-
TQ Sensor	-	-	-	-	-
Turbomachinery Module		Serial No.AC0164		W/O No.44-52628	
Item	Part No.	Serial No.	TSN	TSO	TSR
EEC	789843-8-010	19080115	time contd	-	-
TSC / AFU	30005-0000-54	N/V	time contd	-	-
Ignition exciter	9049400-1	NNA19240008	time contd	-	-
Ignition exciter	9049400-1	NNA19240014	time contd	-	-
Cabin Air Valve	not received	-	-	-	-
Fuel Pump	5009986D	F0069	time contd	-	-
HMU/MFC	786392-15L22	F85865	time contd	-	-
Fuel Heater	10839F	WA9523	time contd	-	-
Electrical Harness	3114793-02	EMA3E519670	time contd	-	-
IC Bleed Valve	-	-	-	-	-
Servo Valve	-	-	-	-	-
Oil Cooler	-	-	-	-	-
NL Speed Probe	3033509	CH23381	time contd	-	-
NH Speed Probe	3077761-01	CH7034	time contd	-	-
NH Speed Probe	-	-	-	-	-
TQ Sensor	3116942-01	RTAC133	time contd	-	-
TQ Sensor	-	-	-	-	-
T1.8 Sensor	3037603	NR06640	time contd	-	-
F/N Set (inlet ref.)	3039975	1NM04581	-	0:00	-
Flow Divider	26345-1	J0427	-	0:00	-
Data Collection Unit	-	-	-	-	-
I.B.V Filter	N/A	Turbomachinery Filter New		Reduction Gearbox Filter New	
I.B.V Orifice	N/A	Fuel Heater Filter Not Accessed		Fuel Pump Filter Not Accessed	
Remarks:					
Inspector: John Colarosa 					
Stamp:  Date: May.27/2025					

**PW100****Blade History Record**

Engine Serial Number	Engine Model	TSN	CSN	Issue Date	Class 4
AC0164	PW121	4933:40	11586	May.27/2025	

HP Blade Data

No.	Part Number	Serial Number	CSN	No.	Part Number	Serial Number	CSN
1	3115301-01	HA00HHDD	0	37	3115301-01	HAC0250T	8402
2	3115301-01	HA00KYEE	0	38	3115301-01	HAC02508	8402
3	3115301-01	HA00LMTL	0	39			
4	3115301-01	HA00LMWW	0	40			
5	3115301-01	HA00LMY9	0	41			
6	3115301-01	HA00LPHE	0	42			
7	3115301-01	HA00LPHL	0	43			
8	3115301-01	HA00LPHP	0	44			
9	3115301-01	HA00LPK0	0	45			
10	3115301-01	HA00LPK8	0	46			
11	3115301-01	HA00LPW3	0	47			
12	3115301-01	HA00LPXH	0	48			
13	3115301-01	HA00LPXM	0	49			
14	3115301-01	HA00LPXY	0	50			
15	3115301-01	HA00LPYD	0	51			
16	3115301-01	HA00LPY7	0	52			
17	3115301-01	HA00LWLL	0	53			
18	3115301-01	HA00LWL3	0	54			
19	3115301-01	HA00LWL6	0	55			
20	3115301-01	HA00LWM7	0	56			
21	3115301-01	HA00LWNE	0	57			
22	3115301-01	HA00LWPA	0	58			
23	3115301-01	HA00L8FT	0	59			
24	3115301-01	HA00L8H7	0	60			
25	3115301-01	HA00L8KK	0	61			
26	3115301-01	HA00L8K2	0	62			
27	3115301-01	HA00L8K3	0	63			
28	3115301-01	HA001406	8402	64			
29	3115301-01	HA00141E	8402	65			
30	3115301-01	HA00143C	8402	66			
31	3115301-01	HA002CLN	8402	67			
32	3115301-01	HA002C0C	8402	68			
33	3115301-01	HA0025CT	8402	69			
34	3115301-01	HA0025D2	8402	70			
35	3115301-01	HA0025D7	8402	71			
36	3115301-01	HA00250B	8402	72			

**PW100****Blade History Record**

Engine Serial Number	Engine Model	TSN	CSN	Issue Date	Class 4
AC0164	PW121	4993:40	11586	May.27/2025	

LP Blade Data

No.	Part Number	Serial Number	TSN	No.	Part Number	Serial Number	TSN
1	3049152-01	TH06K592	0:00	37	3049152-01	TH52K681	0:00
2	3049152-01	TH06K597	0:00	38	3049152-01	TH52K683	0:00
3	3049152-01	TH06K604	0:00	39	3049152-01	TH52K684	0:00
4	3049152-01	TH06K621	0:00	40	3049152-01	TH52K701	0:00
5	3049152-01	TH06K623	0:00	41	3049152-01	TH52K709	0:00
6	3049152-01	TH06K631	0:00	42	3049152-01	TH52K713	0:00
7	3049152-01	TH06K645	0:00	43	3049152-01	TH52K716	0:00
8	3049152-01	TH06K650	0:00	44	3049152-01	TH52K723	0:00
9	3049152-01	TH06K662	0:00	45	3049152-01	TH52K734	0:00
10	3049152-01	TH06K679	0:00	46	3049152-01	TH52K739	0:00
11	3049152-01	TH06K682	0:00	47	3049152-01	TH52K786	0:00
12	3049152-01	TH06K684	0:00	48	3049152-01	TH52K847	0:00
13	3049152-01	TH06K695	0:00	49	3049152-01	TH52K858	0:00
14	3049152-01	TH06K699	0:00	50	3049152-01	TH52K865	0:00
15	3049152-01	TH06K738	0:00	51	3049152-01	TH52K866	0:00
16	3049152-01	TH06K750	0:00	52	3049152-01	TH52K869	0:00
17	3049152-01	TH12K425	0:00	53	3049152-01	TH52K871	0:00
18	3049152-01	TH41H507	0:00	54			
19	3049152-01	TH41H509	0:00	55			
20	3049152-01	TH41H548	0:00	56			
21	3049152-01	TH41H550	0:00	57			
22	3049152-01	TH41H552	0:00	58			
23	3049152-01	TH41H598	0:00	59			
24	3049152-01	TH41H601	0:00	60			
25	3049152-01	TH49K420	0:00	61			
26	3049152-01	TH49K422	0:00	62			
27	3049152-01	TH49K434	0:00	63			
28	3049152-01	TH49K436	0:00	64			
29	3049152-01	TH49K439	0:00	65			
30	3049152-01	TH49K447	0:00	66			
31	3049152-01	TH52K660	0:00	67			
32	3049152-01	TH52K664	0:00	68			
33	3049152-01	TH52K665	0:00	69			
34	3049152-01	TH52K669	0:00	70			
35	3049152-01	TH52K671	0:00	71			
36	3049152-01	TH52K677	0:00	72			



PW100 Fuel Nozzle Location

Turbomachinery No: AC0164

W/O No: 44-52628

Pos No.	Item	Part No.	Serial No.	TSN	TSO
1	Nozzle	3045781-01	1VM07057	-	0:00
2	Nozzle	3045672	1TP00040	-	0:00
3	Nozzle	3038105	618A4239	-	0:00
4	Nozzle	3045670	1XG06554	-	0:00
5	Nozzle	3045668	0000033L	-	0:00
6	Nozzle	3045776-01	1PM02580	-	0:00
7	Nozzle	3045672	1YH02129	-	0:00
8	Inlet adaptor	3039975	1NM04581	-	0:00
9	Nozzle	3045668	A14620	-	0:00
10	Nozzle	3045672	10915	-	0:00
11	Nozzle	3045776-01	1BKT0908	-	0:00
12	Nozzle	3045781-01	1XM06753	-	0:00
13	Nozzle	3045672	1SH03379	-	0:00
14	Nozzle	3045672	1TK00101	-	0:00

Remarks:

Inspector: John Colarosa 

Stamp:



Date: May.27/2025


Standard Aero

PW100 BEARING TIMES

Turbomachinery Module S/N: AC0164

W/O: 44-52628

TSN: 4993:40

CSN: 11586

Item	Part No.	Serial No.	TSN	CSN
#1 Bearing	3037233	TCS0423035	0:00	-
#2 Bearing	3036767	FCN612246	0:00	-
#3 Bearing	3111943-01	FCN590189	0:00	-
#4 Bearing	3040444	TCS0424936	0:00	-
#5 Bearing	3121708-01	FCN609783	0:00	-
#6 Bearing	3107849-03	FCN522770	4993:40	-
#7 Bearing	3037235	FCN608660	0:00	-
#29 Bearing	-	-	-	-
#30 Bearing	not accessed	-	-	-

Reduction Gearbox Module S/N: AC0164

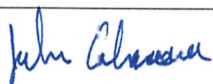
W/O: 44-52631

TSN: 4993:40

CSN: 11586

Item	Part No.	Serial No.	TSN	CSN
#15 Bearing	not accessed	-	-	-
#19 Bearing	not accessed	-	-	-

Notes:
Inspector: John Colarosa



Date: May.27/2025



PARTS USAGE LIST CERTIFICATION RELEASE

DOT APPROVAL
No.
3-92

ENG MODEL/BUILD SPEC	MODULE SERIAL NUMBER	WORK PERFORMED	WORK ORDER #
PW121/ 725	FCE-AC0164	REPAIR/ H.S.I.	44-52628

I hereby certify that the aircraft parts, appliances and/or material described hereon were acquired from a source of supply that is consistent with the conditions under which the Department of Transport approval number 3-92 has been granted.

APPROVED INSPECTOR: John Colarosa	STAMP	DATE:
		May.27/2025

PART #	NOMENCLATURE	S/N or TRACE	QTY	STATUS
3014953	SPRING	318568001001	1	NEW
3033715	SPRING	318381001001	1	NEW
3034385CL16	SHROUD SEGMENT, LP	320993002001	4	NEW
3034385CL16	SHROUD SEGMENT, LP	320993002001	5	NEW
3034385CL16	SHROUD SEGMENT, LP	320993002001	5	NEW
3036376	FILTER, ELEMENT OIL OPTIO	319383006001	1	NEW
3036767	BEARING, #2	FCN612246	1	NEW
3037197	SEAL AIR,CARBON	317309011001	2	NEW
3037223	SEAL, FACE	318169002001	1	NEW
3037233	BEARING, #1	TCS0423035	1	NEW
3037235	BEARING, #7	FCN608660	1	NEW
3038044	TUBE, PRESS SENSING	313532004002	1	SER
3039490CL	SPACER ADJUSTING, #6 BRG	ATI000221836	1	O/H
3039529	SEAL OPTION, CARBON	319771003001	1	NEW
3040444	BEARING, #4	TCS0424936	1	NEW
3041486	COVER, HP REAR	A005D78B	1	NEW
3043077CL7	SHROUD SEGMENT, HP	316708004001	14	NEW
3044643-01	BUS BAR, NEGATIVE	NR00216	1	O/H
3045591	DISK, HP	A005CXRN	1	NEW
3049049-01	COVER, HF FRONT	A005F1RH	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K592	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K597	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K604	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K621	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K623	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K631	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K645	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K650	1	NEW
3049152-01	BLADE, LP TURBINE	TH06K662	1	NEW

3049152-01		BLADE, LP TURBINE	TH06K679	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K682	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K684	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K695	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K699	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K738	1	NEW
3049152-01		BLADE, LP TURBINE	TH06K750	1	NEW
3049152-01		BLADE, LP TURBINE	TH12K425	1	NEW
3049152-01		ELADE, LP TURBINE	TH41H507	1	NEW
3049152-01		ELADE, LP TURBINE	TH41H509	1	NEW
3049152-01		ELADE, LP TURBINE	TH41H548	1	NEW
3049152-01		BLADE, LP TURBINE	TH41H550	1	NEW
3049152-01		BLADE, LP TURBINE	TH41H552	1	NEW
3049152-01		BLADE, LP TURBINE	TH41H598	1	NEW
3049152-01		BLADE, LP TURBINE	TH41H601	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K420	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K422	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K434	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K436	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K439	1	NEW
3049152-01		BLADE, LP TURBINE	TH49K447	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K660	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K664	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K665	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K669	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K671	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K677	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K681	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K683	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K684	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K701	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K709	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K713	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K716	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K723	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K734	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K739	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K786	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K847	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K858	1	NEW

3049152-01		BLADE, LP TURBINE	TH52K865	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K866	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K869	1	NEW
3049152-01		BLADE, LP TURBINE	TH52K871	1	NEW
3052885-01		CASE ASS ^Y , INTERSTAGE	HLACD476	1	O/H
3052959-01		LINER, OUTER COMB. ASSY	FTA959A225C	1	O/H
3055161-01		IGNITER	318580001001	1	NEW
3058293-01		THERMOCOUPLE	EM0333989	1	NEW
3058293-01		THERMOCOUPLE	EM0333997	1	NEW
3058293-01		THERMOCOUPLE	EM0333998	1	NEW
3059253-01		FILTER, ELEMENT OIL	317435012001	1	NEW
3077941CL02		VANE, HP TRIPLE PHASE II	YW05433	1	NEW
3077941CL02		VANE, HP TRIPLE PHASE II	YW05438	1	NEW
3077941CL02		VANE, HP TRIPLE PHASE II	YW05442	1	NEW
3077941CL06		VANE, HP TRIPLE PHASE II	YW09932	1	NEW
3077941CL06		VANE, HP TRIPLE PHASE II	YW11287	1	NEW
3077941CL06		VANE, HP TRIPLE PHASE II	YW11351	1	NEW
3077941CL06		VANE, HP TRIPLE PHASE II	YW11576	1	NEW
3077941CL06		VANE, HP TRIPLE PHASE II	YW11581	1	NEW
3079723-01		RING RET, FT STATOR	317600011002	1	NEW
3101072-01		RING, ANTI ROTATING	318381009001	1	NEW
3104870-01		TUBE, SEAL NG TURB SPRT	319111014001	1	NEW
3104870-01		TUBE, SEAL NG TURB SPRT	319111014001	1	NEW
3106225-01		SEAL, AIR PT ROTOR	318047014001	1	NEW
3106403-01		STRAINER ELEMENT	318766011001	1	NEW
3106825-01		TUBE, SEALING	319111018001	3	NEW
3110749-02		SEAL, AIR #3 BRG HOUSING	ATI000215546	1	O/H
3111943-01		BEARING, #3	FCN590189	1	NEW
3112208-01		BUS-BAR PCSITIVE	N01765	1	O/H
3112218-01		RING, PISTON	319771025001	1	NEW
3113250-01		GUIDE, PIN PISTON	319771027001	1	NEW
3113252-01		COVER, AIR FRESSURE VALVE	319456024001	1	NEW
3113746-01		NUT, #6 BRG ROTOR LP	318381019001	1	NEW
3113747-01		SEAL, LABYRINTH	317600023001	1	NEW
3114891-01		HOUSING, INNER P2.5/P3	317855005001	1	NEW
3115301-01		BLADE, HP	HA00HHDD	1	NEW
3115301-01		BLADE, HP	HA00KYEE	1	NEW
3115301-01		BLADE, HP	HA00LMTL	1	NEW
3115301-01		BLADE, HP	HA00LMWW	1	NEW
3115301-01		BLADE, HP	HA00LMY9	1	NEW

3115301-01		BLADE, HP	HA00LPHE	1	NEW
3115301-01		BLADE, HP	HA00LPHL	1	NEW
3115301-01		BLADE, HP	HA00LPHP	1	NEW
3115301-01		BLADE, HP	HA00LPK0	1	NEW
3115301-01		BLADE, HP	HA00LPK8	1	NEW
3115301-01		BLADE, HP	HA00LPW3	1	NEW
3115301-01		BLADE, HP	HA00LPXH	1	NEW
3115301-01		BLADE, HP	HA00LPXM	1	NEW
3115301-01		BLADE, HP	HA00LPXY	1	NEW
3115301-01		BLADE, HP	HA00LPYD	1	NEW
3115301-01		BLADE, HP	HA00LPY7	1	NEW
3115301-01		BLADE, HP	HA00LWLL	1	NEW
3115301-01		BLADE, HP	HA00LWL3	1	NEW
3115301-01		BLADE, HP	HA00LWL6	1	NEW
3115301-01		BLADE, HP	HA00LWM7	1	NEW
3115301-01		BLADE, HP	HA00LWNE	1	NEW
3115301-01		BLADE, HP	HA00LWPA	1	NEW
3115301-01		BLADE, HP	HA00L8FT	1	NEW
3115301-01		BLADE, HP	HA00L8H7	1	NEW
3115301-01		BLADE, HP	HA00L8KK	1	NEW
3115301-01		BLADE, HP	HA00L8K2	1	NEW
3115301-01		BLADE, HP	HA00L8K3	1	NEW
3118182-01		SEAL RING	318381021001	1	NEW
3118910-01		RETAINER, JPPER INSUL BLA	318169010001	1	NEW
3119838-02		BOLT, SHOULDER	319112003001	5	NEW
3121708-01		BEARING, #E NON-SYM	FCN609783	1	NEW
3123241-01		BLANKET	SA4442161	1	SER
3134565		SEAL, INTERSTAGE AIR	MDA23028195	1	NEW
3136511		TUBE, TRANSFER PACK NG	319112008001	2	NEW



PW100 Life Limited Part History Record

StandardAero Atlantic, Inc.
800 Aerospace Blvd.
Hangar 8 Slemmon Park, PEI
Canada C0B 2A0
TCCA AMO 3-92

Part Description	Part Number	Serial Number	Heat Code	TSN	CSN
HP FRONT COVER	3049049-01	A005F1RH	EUBWA	0:00	0

Engine Data				Part Data				Class 4	
Engine Serial Number	Engine Model	TSN/CSN When Part Installed	TSN/CSN When Part Removed	Time This Installation	Cycles This Installation	Total TSN Accumulated	Total CSN Accumulated	Date	Stamp
AC0164	PW121	4993:40 11586	- -	-	-	-	-	May.27/2025	

Remarks

Note: For determination of accumulated and remaining life on this part, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where this part is installed.



PW100 Life Limited Part History Record

StandardAero Atlantic, Inc.
800 Aerospace Blvd.
Hangar 8 Slemmon Park, PEI
Canada C0B 2A0
TCCA AMO 3-92

Part Description	Part Number	Serial Number	Heat Code	TSN	CSN
HP REAR COVER	3041486	A005D78B	LALCW	0:00	0

Engine Data				Part Data				Class 4	
Engine Serial Number	Engine Model	TSN/CSN When Part Installed	TSN/CSN When Part Removed	Time This Installation	Cycles This Installation	Total TSN Accumulated	Total CSN Accumulated	Date	Stamp
AC0164	PW121	4993:40 11586	- -	-	-	-	-	May.27/2025	

Remarks

Note: For determination of accumulated and remaining life on this part, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where this part is installed.



PW100 Life Limited Part History Record

StandardAero Atlantic, Inc.
800 Aerospace Blvd.
Hangar 8 Slemmon Park, PEI
Canada C0B 2A0
TCCA AMO 3-92

Part Description	Part Number	Serial Number	Heat Code	TSN	CSN
HP DISK	3045591	A005CXRN	ZAGTZ	0:00	0

Engine Data				Part Data				Class 4	
Engine Serial Number	Engine Model	TSN/CSN When Part Installed	TSN/CSN When Part Removed	Time This Installation	Cycles This Installation	Total TSN Accumulated	Total CSN Accumulated	Date	Stamp
AC0164	PW121	4993:40 11586	- -	-	-	-	-	May.27/2025	

Remarks

Note: For determination of accumulated and remaining life on this part, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where this part is installed.



PW100 Life Limited Part History Record

StandardAero Atlantic, Inc.
800 Aerospace Blvd.
Hangar 8 Slemmon Park, PEI
Canada C0B 2A0
TCCA AMO 3-92

Part Description	Part Number	Serial Number	Heat Code	TSN	CSN
HP INTERSTAGE AIRSEAL	3134565	MDA23028195	ZAGMT	0:00	0

Engine Data				Part Data				Class 4	
Engine Serial Number	Engine Model	TSN/CSN When Part Installed	TSN/CSN When Part Removed	Time This Installation	Cycles This Installation	Total TSN Accumulated	Total CSN Accumulated	Date	Stamp
AC0164	PW121	4993:40 11586	- -	-	-	-	-	May.27/2025	

Remarks

Note: For determination of accumulated and remaining life on this part, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where this part is installed.



ENGINE DATA PLATE CERTIFICATION

ENGINE REFERENCE DATA AT 59° F

Serial No:

FCE-AC0164

Engine Build SPEC

725

AT

2150

SHP

$\delta\sqrt{\theta}$

T6 Trim

38.39

Ω

T/M TRIM

GCL4

BCL27

32281

NH

$\sqrt{\theta}$

27038

NL

$\sqrt{\theta}$

H
H
L
L

FG76

FG77

FG78

N/R

RG76

RG77

RG78

N/R

FG22

FG23

FG24

FG25

N/R

RG22

RG23

RG24

RG25

N/R

Final Inspector Class 4: John Colarosa



Date: May.27/2025



PW100 Engine Performance Statement

Model	TSN	CSN	TSO	CSO
PW121 (725)	4993.40	11536.0		

TM S/N	RGB S/N	Date	Work Order	Work Performed
AC0164	AC0164	May 25, 2025	44-52628	

Final Vane Flow Classes	HP	LP	PT
	8.14	16.58	28.77

Vibration Data			Acceptance Performance Results		
Pass ☒	Fail ☐		O/H LIMIT ☐	HSI LIMIT ☒	REPAIR LIMIT ☐
Overall Data	<u>Actual</u>	<u>Limit</u>			
RGB(M/Sec)	345	830	<u>Actual</u>	<u>MIN LIMIT</u>	<u>MAX LIMIT</u>
TM(CM/Sec)	0.9	4	SHP/DEL RTH	2150	
Turbomachine Spectrum Data (VEL)			NH/RTH	32281	32100 32600
	<u>Actual</u>	<u>Limit</u>	NL/RTH	27038	26750 27150
NP	0.12	0.5	T6H/TH	1807	1830
NL	0.38	0.5	NH/NL	1.194	1.188
NH	0.07	0.5	WF/DEL RTH	1067	1098
TWR SHFT	0.11	0.175	Wf#2*/TH	907	
NH ROTOR NON-sync	0.22	0.45	T6C/TH	1928	1955
4 EN Prop.					
1 EN Prop.					

Bevel Gearbox Spectrum	HBOV orifice	N/A	GAIN	BIAS
<u>Actual</u>	<u>Limit</u>			
TWR SHFT (Accel)	6.7	21	Oil Consumption 0.09	Scu Trim CL 4 CL 27
			I.T.T. Trim Class ST3114-19	EEC Trim
			Trim Resistance 38.39	AFU Trim

Performance Declaration

I hereby certify that the testing performed on this engine listed above was performed in accordance with all specified requirements detailed in the contract and/or purchase order.

Remarks	Accept ☒	Accept On NCR ☐
Test Cell	Class 4	NCR#
ATI 238 TEST	ATI 328	



Airworthiness Directives

Engine Type	PV/121	Engine S/N	AC0164(TM)/AC0164(RGB)	Order / Task	2568/13	Build Spec	725
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Country	AD No.	Description	SB's	Status
USA	20C3-21-03	Compressor Case Fire	20914	Previously Complied With
Canada	CF-2002-10	Compressor Case Fire	20914	Previously Complied With
USA	2015-20-03	Flexible Fuel Manifold	21861	N/A to Configuration
CANADA	CF-2014-41	Flexible Fuel Manifold	21861	N/A to Configuration
USA	2003-16-04	Fuel Heater	21100	Previously Complied With
Canada	CF-2000-34	Fuel Heater	21100	Previously Complied With
USA	98-14-02	Fuel Nozzle Lock Plate & "O" Rings	21077, 21373, 21516, 21549, 21364	Previously Complied With
Canada	CF-96-22	Fuel Nozzle Lock Plate & "O" Rings	21077, 21373, 21516, 21549, 21364	Previously Complied With
USA	91-06-02	Fuel Pump Filter Cover "O" Rings	20907	Previously Complied With
Canada	CF-90-21	Fuel Pump Filter Cover "O" Rings	20907	Previously Complied With
USA	91-01-03	HMU	20951	Complied With-N/A to S/N
Canada	CF-90-24R2	HMU	20951	Complied With-N/A to S/N
USA	88-26-51	HP Turbine Components	20133	Previously Complied With
Canada	CF-88-26R1	HP Turbine Components	20133	Previously Complied With
USA	94-C3-02	HPT Disk	N/A	N/A to Disk P/N
Canada	CF-94-01	HPT Disk	N/A	N/A to Disk P/N
CANADA	CF-2024-04	Overspeed Governor Pump	N/A	not received
USA	2006-19-06	Propeller Shaft	21714	N/A to Prop Shaft S/N
Canada	CF-2005-29	Propeller Shaft	21714	N/A to Prop Shaft S/N
USA	2012-26-08	Propeller Shaft Crack	21813,21802 and 21798	Complied With-N/A to Prop Shaft S/N
Canada	CF-2012-12	Propeller Shaft Crack	21813,21802 and 21798	Complied With-N/A to Prop Shaft S/N
USA	92-01-08	Temporary, High Pressure Rotor Seizure	20417, 20456, 20341, 21322, 20419, 20886, 20953	Previously Complied With
Canada	CF-99-14R1	Temporary, High Pressure Rotor Seizure	20417, 20456, 20341, 21322, 20419, 20886, 20953	Previously Complied With

Class 4 Inspector	Signature	Stamp	Date:	2025-05-26
John Colarosa				



MODIFICATION LOG

Engine Model	Module	Serial Number	Order/Task	Date	Revision	Inspection Stamp
PW121	TM	AC0164	2568/13	2025-05-27	0	

Service Bulletins Incorporated This Visit

21064R5, 21286R3, 21684R2, 21865R4, 21957R3

Service Bulletins Found Embodied

20952, 21065, 21175, 21518, 21546, 21649, 21680, 21825, 21846, 21960

Notes


StandardAero

MODIFICATION LOG

Engine Model	Module	Serial Number	Order/Task	Date	Revision	Inspection Stamp
PW121	RGB	AC0164	2568/13	2025-05-27	0	

Service Bulletins Incorporated This Visit

21713R0

Service Bulletins Found Embodied

21846

Notes