

~~478 MAR~~

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

~~Gas Coed PCH~~  
SN<sup>th</sup> 50903  
~~L/H YTK.~~ ✓

L/H CFPNS

**ENGINE  
MAINTENANCE  
RECORDS**

## ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. ~~N4300A~~ <sup>RI</sup> C-FDNT - 4/H

Engine Manufacturer \_\_\_\_\_

Model 50903

Serial No. \_\_\_\_\_

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

☐ Right      ☐ Left  
☐ Front      ☐ Rear

**AERO**  
**TECH PUBLICATIONS INC.**  
P.O. BOX 6005/FREEHOLD, N.J. 07728  
(908) 462-5330

SUNAIR EXPRESS KARDEX FILE  
AIRCRAFT N930MA

UPDATED 18-Mar-94

	S/N	HARDTIME	TIME ON	TSO	TIME DUE	HOURS LEFT	CYCLES ALLOWED	CSC	CYCLES DUE	CYCLES LEFT
72 GAS GENERATOR LEFT	40632	9000	41921.4	7234.5	46722.5	1765.5				
72 POWER SECTION LEFT	41167	9000	41502.9	3454.1	50502.9	5545.9				
72 GAS GENERATOR RIGHT	50903	9000	43241.6	2589.3	51367.7	6410.7				
72 POWER SECTION RIGHT	42449	9000	43241.6	5512.9	48444.1	3487.1				
72 HUB 1ST STAGE LEFT	4P211	N/A	N/A	N/A	N/A	N/A	19000	15617	97175	336
72 HUB 1ST STAGE RIGHT	4Y916	N/A	N/A	N/A	N/A	N/A	19000	6141	106651	1285
72 DISK 2ND STAGE LEFT	5R921	N/A	N/A	N/A	N/A	N/A	24000	15617	102175	836
72 DISK 2ND STAGE RIGHT	1X232	N/A	N/A	N/A	N/A	N/A	24000	6141	111651	1785
72 DISK 3RD STAGE LEFT	1R632	N/A	N/A	N/A	N/A	N/A	25000	15617	103175	936
72 DISK 3RD STAGE RIGHT	48A290	N/A	N/A	N/A	N/A	N/A	25000	6141	112651	1885
72 IMPELLER LEFT	6B383	N/A	N/A	N/A	N/A	N/A	19000	15617	97175	336
72 IMPELLER RIGHT	8D661	N/A	N/A	N/A	N/A	N/A	19000	6141	106651	1285
72 C.T. WHEEL LEFT	24A689	15000	41921.4	3674.9	56282.1	11325.1	16000	8181	101611	781
72 C.T. WHEEL RIGHT	24A532	15000	44122.6	2293.1	57663.9	12706.9	16000	5636	104156	1036
72 P.T. WHEEL LEFT	17A734	N/A	N/A	N/A	N/A	N/A	20000	8230	105562	1177
72 P.T. WHEEL RIGHT	44A303	N/A	N/A	N/A	N/A	N/A	20000	7830	105962	1217
72 GEAR BOX BEARING LEFT	N/A	8000	41502.9	3454.1	49502.9	4545.9				
72 GEAR BOX BEARING RIGHT	N/A	8000	43241.6	5512.9	47444.1	2487.1				
73 FUEL CONTROL LEFT	A7067	8500	41972.6	2984.4	50472.6	5515.6				
73 FUEL CONTROL RIGHT	302113	3500	43974.0	1350.4	52106.6	7149.6				
73 FUEL PUMP LEFT	R1227	8500	41921.4	4170.9	49286.1	4329.1				
73 FUEL PUMP RIGHT	2671	8500	43241.6	2589.3	50867.7	5910.7				
73 FUEL NOZZLES LEFT	N/A	600	44619.4	337.3	45219.7	262.7 (D'1 Inspected)				
73 FUEL NOZZLES RIGHT	N/A	600	44619.7	337.3	45219.7	262.7 (D'1 Inspected)				
77 G.G. TACH INDICATOR LEFT	701	2900	44636.2	320.8	47536.2	2579.2				
77 G.G. TACH INDICATOR RIGHT	8309122	2900	44439.5	517.5	47339.5	2382.5				
77 PROP TACH INDICATOR LEFT	8306106	2900	43738.1	1718.9	46136.1	1181.1				
77 PROP TACH INDICATOR RIGHT	239	2900	43594.7	1862.3	45994.7	1037.7				
77 FUEL FLOW INDICATOR LEFT	SE299	2900	42308.2	2648.8	45208.2	251.2				
77 FUEL FLOW INDICATOR RIGHT	430	2900	43052.0	1905.0	45952.0	995.0				
77 PROP TACH GENERATOR LEFT	52	2000	43765.3	1191.7	45765.3	808.3				
77 PROP TACH GENERATOR RIGHT	169507	2000	44619.4	337.6	46619.4	1662.4				
77 G.G. TACH GENERATOR LEFT	203817	2000	44578.8	378.2	46578.8	1621.8				
77 G.G. TACH GENERATOR RIGHT	10117	2000	44619.4	337.6	46619.4	1662.4				
77 FUEL FLOW TRANSMITTER LEFT	002924	2900	44947.0	10.0	47847.0	2890.0				
77 FUEL FLOW TRANSMITTER RIGHT	711580	2900	44957.0	0.0	47857.0	2900.0				
9 OIL FILTER LEFT	SE0061	1500	44811.6	145.4	46311.6	1354.6				
9 OIL FILTER RIGHT	SE0074	1500	44041.4	915.6	45541.4	584.4				
0 STARTER GENERATOR LEFT	14127	1600	44237.5	719.5	45837.5	880.5				
0 STARTER GENERATOR RIGHT	3574	1600	44081.2	75.8	46481.2	1524.2				
0 GENERATOR BRUSHES LEFT	N/A	550	44817.9	129.1	45367.9	410.9 (UP TO 1000 HOURS)				
0 GENERATOR BRUSHES RIGHT	N/A	550	44881.2	75.8	45431.2	474.2 (UP TO 1000 HOURS)				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5-16-94	CW	Emma #1	<del>ACTT</del>	ACTT 44972.9
7-20-94	CW	Emma #2		ACTT 45079.2
10-14-94	CW	Emma #3		ACTT 45158.7
23-Jan 95				ACT TT 45208.1 Replaced Fuel Nozzles with cleaned and stowed set down by Turbo Pwr. P/Hed A+P 394446125
7-2-95				ACTT 45251.4 TC 94614 Emma #4 CW. P/Hed A+P 394446125
2-25-95				ACTT 45345.4 TC 94878 Emma #5 CW P/Hed A+P 394446125
3-1-96				ACTT 45355.4 TC 94898 ENG. TSN 20219.3 TSO 7633.4 CSN 29360 CSO 11893 P/Hed A+P 394446125
3-1-96				ACTT 45355.4 TC 94898 Eng TSN 20973.1 TSO 2988.2 CSN 40657 CSO 6640
				SUB-TOTALS this page
				TOTALS—Carry forward to next page





**TOTALS—**Carry forward to next page



# AERO SPECIALISTS, INC.

Eloy Municipal Airport  
(520) 466-4711 fax (520) 466-4720

## LIFED PARTS SUMMARY

PT6A-27 ENGINE

CUSTOMER: \_\_\_\_\_

JOB NO. \_\_\_\_\_

ENGINE SER. NO. PC-E 50903  
ENGINE TOTAL TIME: 21300.5  
ENGINE TOTAL CYCLES: 41178  
ENGINE T.S.O. 3315.6  
CYCLES SINCE O/H 7161.4

REFERENCE SB1002 REV# 20 LIFE LIMITATIONS

DESCRIPTION	PART NO.	SERIAL NO.	TOTAL PART TIME	TOTAL PART CYCLES	REMAINING LIFE HOURS	REMAINING LIFE CYCLES
HUB ASSY.		4Y916		<u>19,000</u> 7459		11,541
DISC. COMPR. STG. 2		1X232		<u>24,000</u> 7459		16,541
DISC. COMPR. STG. 3		4BA290		<u>25,000</u> 7459		17,541
DISC. COMPR TURBINE		24A532	<u>15,000</u> 3019.4	<u>16,000</u> 6954	11980.6	9046
DISC. POWER TURBINE		<del>442303</del>				
IMPELLER		<del>502661</del>				

DATE: 3-21-97

  
J. P. Miller  
BHP601205128

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

MANUFACTURER <b>Pratt &amp; Whitney</b>	UNIT NAME <b>Engine</b>	TYPE/MODEL <b>PT6-28</b>	SERIAL NUMBER <b>PCE-50903</b>
TOTAL TIME <b>21300.5</b>	TIME SINCE OVERHAUL <b>ZERO</b>	TOTAL CYCLES <b>41178</b>	CYCLES SINCE OVERHAUL <b>ZERO</b>

THE ABOVE ITEM IDENTIFIED RECEIVED  
 ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☒ HOT SECTION INSPECTION ☐

THIS GAS GENERATOR CASE HAS BEEN OVERHAULED AND TESTED IN ACCORDANCE WITH MANUFACTURES SPECIFICATIONS AND REQUIREMENTS. SERVICE BULLETIN SB 1120R3 CONVERTING THE PT6A-27 TO A-28 MODEL ENGINE. PERTINENT DETAILS OF THIS OVERHAUL ARE FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER W/O T2753

CONTINUED

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER No. T2753 DATE 12-8-97 SIGNATURE [Signature] 254 FOR:

FAX No. 812-877-4604

CRS UTBR513L

**TURBINES INC.**

7303 Maynard Wheeler Lane, Hulman Regional Airport, Terre Haute, IN 47803

Phone 812-877-2587

Pratt & Whitney

Engine

PT6-28

PCE-50903

THIS GAS GENERATOR CASE HAS BEEN OVERHAULED AND TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PERTINENT DETAILS OF THIS OVERHAUL ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. T2753.

PART	P/N	S/N	TOTAL HOURS	TOTAL CYCLES	TIME REM.	CYCLES REM.
REAR HUB	3013411	4Y916		7459		11541
DISK 2ND STG	3013712	1X232		7459		16541
DISK 3RD STG	3011713	4512		18686		6314
IMPELLER	3013176	8D661		7459		11541
CT DISK	3013411	24A532	3019.4	6954	11980.6	9046

**ACCESSORIES INSTALLATION**

FUEL CONTROL	2524440-5	2524440-5	ZERO
FUEL PUMP	025323-101-03	2671	ZERO
START CONTROL	3019109	7401	ZERO
BLEED VALVE	3100829-03	A1064	ZERO
FUEL/OIL HEATER	10552E	3056	ZERO

CONTINUED

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**TOTALS**—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Pratt &amp; Whitney

## Engine

PT6-28

PCE-50903

### ENGINE TEST DATA

**OIL TYPE - EXXON 2380**

**FUEL TYPE - JETA II**

<b>RATING</b>	<b>SHP</b>	<b>Ng%</b>
TAKE OFF	680	97.12

T5 f DEGREES	SFC	DATA PLATE SPD	TRIM CLASS
1575	.55	35150 93.73	3031417CL16

VANE CLASS AVERAGE CT: 13.2 PT: 12.5

### **AD NOTE and SERVICE BULLETIN COMPLIANCE**

<u>AD</u>	<u>DATE</u>	<u>METHOD OF COMPLIANCE</u>
69-23-06	27/NOV/97	NOT APPLICABLE
75-06-01-R4	27/NOV/97	PREVIOUS C/W BY SB 1220 AND 1216
75-11-04	27/NOV/97	C/W INSTALLED MAG CHIP DETECTOR
80-08-12	27/NOV/97	PREVIOUS C/W BY SB 1316
90-12-05	27/NOV/97	NOT APPLICABLE
92-15-11	27/NOV/97	C/W P3 FILTER
97-04-12	27/NOV/97	NOT APPLICABLE

**SERVICE BULLETINS COMPLIED WITH AT THIS OVERHAUL**

1120R3

SIGNED

DATE 12-8-97


See Next Page

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	TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Dec 16/97		00.00		This Gas Generator Installed L14 Side PA31T Regn C-FYTK@ Airframe TSN 6861.8 C/W PS. 40111-100 -TSO 1936.2
				<p>"I have conducted an inspection for conformance to the Type of the Flight / Powerplant Controls that were affected by the work accomplished."</p> <p>#1 Signature of AME <i>[Signature]</i>  License No. M148264 Date Dec 17/97</p> <p>#2 Signature of AME <i>[Signature]</i>  License No. M148264 Date Dec 17/97</p> <p>"The maintenance described above has been performed in accordance with the applicable standards of airworthiness."</p> <p><i>[Signature]</i> M148264</p>
Feb 7/98				
Feb 07/98		39.3		Completed Super event #3 and #4 Replaced EOP outlet filter # AV6235-3A. CSO 20 Engine Released for return to Service
Feb 07/98				<i>[Signature]</i> M148264
Feb 7/98		39.3		
Apr 4/98	47.9	87.2		+ 35 c/c. Event #1 Completed. <i>[Signature]</i> M360820
Jul 4/98	41.9	129.1		+ 23 c/c. Pipe Inspection #2 completed <i>[Signature]</i> M360820
Sep 10/98	55.5	184.6		+ 28 c/c. Inspection #3 Completed <i>[Signature]</i> M360820
				CSO totaled: 106
				SUB-TOTALS this page
		184.6		TOTALS—Carry forward to next page





# Rocky Mountain Aircraft

Aircraft Sales • Parts Sales • Service • Hangar Storage

## LIFED PARTS SUMMARY

07-Feb-98 PT6A-28 ENGINE ENGINE TSO: 39.3  
 L/H GAS GENERATOR ENGINE CSO: 20.0  
 MER: C-YYTK ENGINE S/N: PCE50903 ENGINE TTSN: 21,339.8  
 ORDER: ENGINE TCSN: 41,198.0  
 @ TAT: 6,902.1  
 @ TAC: 6,149.0

DESCRIPTION	PART #	SERIAL #	TOTAL PART HOURS	TOTAL PART CYCLES	REMAINING HOURS	REMAINING CYCLES
HUB ASSY	3013411	4Y916		19,000.0		
				7,479.0		11,521.0
DISC. COMPR. STAGE 2	3013712	1X232		24,000.0		
				7,479.0		16,521.0
DISC. COMPR. STAGE 3	3011713	4512		25,000.0		
				18,706.0		6,294.0
DISC. COMPR. TURBINE	3013411	24A532	15,000.0	16,000.0		
			3,058.7	6,974.0	11,941.3	9,026.0
DISC. POWER TURBINE		SEE ATTACHED		18,000.0		
IMPELLER	3013176	8D661		19,000.0		
				7,479.0		11,521.0

COMPONENT	LAST O/H: MODEL	TURBINES INC DEC 8/97 SERIAL NO	TSO
FUEL CONTROL UNIT	2524435	A7067	39.3
ENGINE DRIVEN PUMP	025323-101	2671	39.3
FUEL-OIL HEATER	10552	3056	39.3
COMPRESSOR BLEED VALVE	'3100824-3	A1064	39.3
FUEL TOPPING GOVERNOR	SEE CSU		
START CONTROL	3019109	7401	39.3
SINCE HSI			39.3
FUEL NOZZLES			39.3
ENGINE OIL	2380		39.3
ENGINE OIL FILTER			39.3
IGNITION EXCITER	10-381550-1		U/K
CONSTANT SPEED UNIT	8210-003	2165513R1	381.5
STARTER GENERATOR	23048-001	7032H	381.5
PROPELLER	HB3TN-3B	BU9707	531.1
OVERSPEED GOVERNOR	210598	1287767K	381.5



## PT6A MODIFICATION LOG

ENG	<input type="checkbox"/>	Serial #	Work Order	Date	Revision	Inspection Stamp
GG	<input checked="" type="checkbox"/>	50903/ 40111	24-18300	FEB 01 2005	0	
PS	<input checked="" type="checkbox"/>					

### Service Bulletins Incorporated This Visit

1173R0 1217R4 1431R1 1466R0 1474R0 1571R2 1610R2

### Service Bulletins Found Embodied

28	1133	1137	1138	1179	1193	1220	1223	1226	1228	1236	1241
54	1258	1281	1287	1299	1316	1318	1331	1332	1389	1391	1395
04	1427	1430	1470	1476							

### Notes

I/A TO SUPPLIER CODE  
SUPERSEDED BY SB 1223  
I/A TO PRE SB 1124  
259, 1338 - SUPERSEDED BY SB 1404  
I/A TO PART NUMBER  
I/A  
I/A



## PT6A Check in Sheet

Engine S/N 50903 W/O 24-

Power Section	Serial No.	W/O No.:		
Description	Part No.	Serial No.	TSN	TSO
Propeller Governor	8210-003	216513 R1	Rec'd in a box.	
Power Turbine Governor				
Propeller Overspeed Governor				
Torque Limiter				
Autofeather Valve				
Tach Generator				

Log Book Received with Module: Yes ☐ No ☐

Remarks (List major parts not received with engine):

Gas Generator Section	Serial No.	W/O No.:		
Description	Part No.	Serial No.	TSN	TSO
Temp. Compensator	N/Rec'd	—		
Fuel Pump	025323-101-02	1620		
Fuel Control	N/Rec'd	—		
Oil to Fuel Heater	10552E	3056	Broken	
Starting Control	3019109	8809	Rec'd in a box	
Ignition Exciter	N/Rec'd	—		
Compressor Bleed Valve	3100829-03	A1064		
Compressor Bleed Valve	N/A	—		
Flow Divider	N/Rec'd	—		
Check Valve	N/A	—		

Log Book Received with Module: Yes ☐ No ☒

Remarks (List major parts not received with engine):

CT Disk & Blades FCU

Container: Acceptable Not Acceptable

	Cover	Skid	Cradle	Sleeve
Condition	Poor	Fair	Fair	N/A

Card board No repair per CSM



## PT6A Engine Performance Statement


del PT6A-28	TSN 22381.9	CSN 41948	TSO 1081.4	CSO 770
S/N 50903	PS S/N 40111	Date Jan 31, 2005	W/O 24-18305	
Work Performed O/H <input type="checkbox"/> HSI <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Test Only <input type="checkbox"/>				
Air Flow: CT: Area / 5.68 PT: Area / 15.78				
<b>Performance Acceptance</b>				
	Spec.	Actual		
S.L.S Std. Day Power	680	680		
T (T5A Trimmed) Deg. R	1694	1655		
T5D (Derived)	N/A	N/A		
Gas Gen. Speed RPM	36960	36958		
SFC. PPH/SHP	0.641	0.610		
Press. Ratio@ RPM	N/A	N/A		
<b>Trim Data</b>				
ITT Trim Delta T (Untrimmed-Trimmed): 36.1 Deg. C				
ITT Trim Delta T (Untrimmed-Trimmed): 65 Deg. F				
ITT Trim Class: CL7				
Trim Resistance: 16.0 Ohms				
BOV Seat Class: N/A				
Data Plate Speed: 549 SHP / 95.3% / 35747 RPM				
<b>Performance Declaration</b>				
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 Tests given are at 30% TBO on sliding scale.				
Accepted: <input checked="" type="checkbox"/>	Fail: <input type="checkbox"/>	Accept NCR No.	Test Cell Stamp ATI 233 TEST	Class 4 Stamp ATI 187

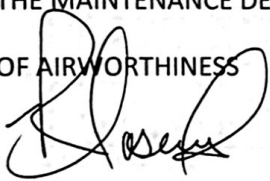
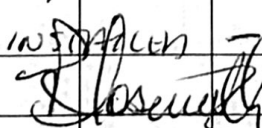


## Airworthiness Directives PT6A

Engine Type: PT6A-28	Engine S/N: GG-50903 / PS 40111	Build Spec: -
W/O: 24-18300	Customer: IGL TRANSPORTATION LOGISTICS	


Country	AD No.	Description	SB's	Status
USA	75-06-01	P.T. CONTAINMENT	1138 and 1220 and 1216	PREVIOUSLY COMPLIED WITH
USA	75-11-04	INSTALLATION OF CHIP DETECTOR		COMPLIED WITH THIS VISIT
USA	80-08-12	FUEL PUMP COUPLING	1316	PREVIOUSLY COMPLIED WITH
USA	90-12-05	ENGINE FAILURE		N/A TO ENGINE SERIAL NUMBER
USA	92-15-11	P3 DELIVERY LINE (FILTER)		N/A TO INSTALLATION
USA	97-04-12	BOV	1538	COMPLIED WITH THIS VISIT
USA	2002-23-13	EXHAUST DUCT	1610	COMPLIED WITH THIS VISIT
CANADA	CF-78-03	2 <sup>nd</sup> STAGE PINION & PT BLADES	1217 and 1220 and 1248	PREVIOUSLY COMPLIED WITH
CANADA	CF-96-24	BOV	1538	COMPLIED WITH THIS VISIT
CANADA	CF2002-47	EXHAUST DUCT	1610	COMPLIED WITH THIS VISIT

Class 4 Inspector R. CADIEUX <i>R. Cadieux</i>	Stamp 	Date <div style="text-align: center;">FEB 01 2005</div>
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
<b>PIPER CHEYENNE: C-FPNJ Serial #: 31T-7620008 TTAF: 8,095.5 TCSN: 6,970 13 March 2008</b>				
LEFT HAND ENGINE - Power Section S/N: 40111 - 100: Time Since New = 31000.6 Cycles Since New = 54582 Time Since Overhaul = 134.3 Cycles Since overhaul = 93 Gas Generator S/N: 50903 Time Since New = 22516.2 Cycles Since New = 42041 Time Since Overhaul = 1228.7 Cycles Since Overhaul = 874 Time Remaining to Next Hot Section Inspection = 1052.8 Piper Events # 1, # 2, #3 and # 4 carried out IAW Piper Service manual. - 50 Hour Inspection Items complied with. Next due at 8145.5 AF HRS. <b>EVERY EVENT:</b> - 100 Hr Inspection items complied with. Next due at 8195.5 AF HRS. <b>EVERY EVENT 2 and 4:</b> 200 Hour Inspection items complied with. Next due at 8295.5 <b>EVERY EVENT # 4.</b> OIL WAS NOT DRAINED! L/H Engine oil drain has 100.4 hours remaining, Due at 8195.9 NEXT EVENT # 2! THE MAINTENANCE DESCRIBED ABOVE HAS BEEN CARRIED OUT IAW THE APPLICABLE STANDARDS OF AIRWORTHINESS  Frank R. Noseworthy M372555 19 March 2008				
IS LISTED ON AAL WO. # 10749; OUT I-A-W. MANUFACTURER'S MANUAL - 300 HOUR INSPECTION OF AND DRAINED RGB SUMPS, INSPECTED CHIP DETECTOR, REPLACED OIL FILTER - PRANED EL PUMP INLET SCREEN CLEANED & RE-INSTALLED - FUEL PUMP OUT-LET FILTER REMOVED, BRUSHES REPLACED, SPLINES CLEANED & LUBRICATED - STARTER GENERATOR REMOVED, REPAIRED & RE-INSTALLED - THE MAINTENANCE DESCRIBED AIR WORTHINESS -  M372555				
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

		<b>Atlantic Turbines International Inc.</b> P.O. Box 150, Summerside, PEI Canada C1N 4P6				<b>AMO No. 3-92</b> P (902) 436-1333 F (902) 888-2999	
<b>Manufacturer</b>  P&WC		<b>Module Description</b>  GAS GENERATOR MODULE		<b>Model/Build Spec.</b>  PT6A-28		<b>Serial Number</b>  50903	
<b>TSN</b>  22381.9	<b>TSO</b>  1081.4	<b>TSR</b>  0.0	<b>TSHSI</b>  -	<b>CSN</b>  41948	<b>CSO</b>  770	<b>CSR</b>  0	<b>CSHSI</b>  -
<b>CT Vane</b>  5.68	<b>PT Vane</b>  15.78	<b>NG</b>  36958		<b>T5</b>  1655		<b>SFC</b>  0.610	

Remarks:

-INSPECTED AND REPAIRED GAS GENERATOR MODULE FOR TIME CONTINUED REPAIR I.A.W. P&WC MANUALS P/N 3013242R27, P/N 3013243R24 AND OTHER APPROVED DATA.

-INSTALLED SERVICEABLE CT DISK P/N 3013411 S/N A9284.

-MATED TO OVERHAULED POWER SECTION MODULE S/N 40111 AND TESTED I.A.W. MANUFACTURER'S REQUIREMENTS.

PS 40111: TSN: 30866.3 TSO: 0.0 CSN: 54486 CSO: 0

This product has been Repaired in accordance with the manufacturer's requirements and current Canadian Aviation Regulations. Pertinent details of the work performed are on file at this agency under work order 24-18300

**Authorized Inspector**

R. Cadieux

**Signature**

Signature  
Richard Cadieux

Stamp



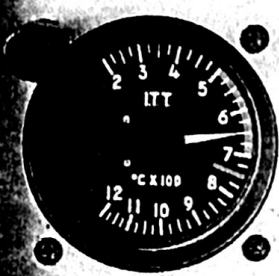
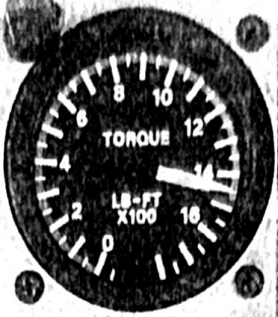
Date

FEB 01 2005

Q-Form 064 (2003-06-19)

[illegible]





AUTO

VHF-1 VHF-2 PA

MIC

122.3

VHF-2

123.00

TEST

## 9

4

TRANSPORT CANADA

TCCA 24-0078

79037

## 4. Organization

ATLANTIC TURBINES INTERNATIONAL INC.  
P.O. BOX 150, SUMMERSIDE PE. CANADA

## 5. Work Order/Contract/Invoice

24-18300

6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	POWER SECTION	3015000 (ENGINE ASSEMBLY)	PT6A-28	1	40111	Overhauled

## 13. Remarks

-OVERHAULED I.A.W. P&WC OVERHAUL MANUALS P/N 3013243R23 AND OTHER APPROVED DATA.  
-MATED TO GAS GENERATOR (REPAIR) 50903 AND TESTED I.A.W. MANUFACTURER'S REQUIREMENTS.

PS (40111): TSN: 30866.3 CSN: 54486 TS0: 0.0 CSO: 0

## Approvals:

EASA.145.7014  
ISO No. 95763DNAR No. 1-B-347  
South Africa No. 849  
Kenya No. K/A1/8/10Work Performed IAW JAR 145  
Maintenance Release under FAR 43.17

14. 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 13.

19.

☒ CAR 571.10 Maintenance Release☒ Other regulations specified in block 13.

Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571.

15. Authorized Signature

16. Certificate/Approval Ref. No.

20. Authorized Signature

21. Certificate/Approval Ref. No.

3-92

17. Name

18. Date

22. Name

Donnie Gallant

23. Date

01-Feb-2005

\* Installer must cross-check eligibility with approved data


## USER/INSTALLER RESPONSIBILITIES









This document does not constitute the authority to install the part.

Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

## ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

 <b>ATLANTIC TURBINES</b>		<b>Atlantic Turbines International Inc.</b> P.O. Box 150, Summerside, PEI Canada C1N 4P6				<b>AMO No. 3-92</b> P (902) 436-1333 F (902) 888-2999	
<b>Manufacturer</b> P&WC		<b>Module Description</b> POWER SECTION		<b>Model/Build Spec.</b> PT6A-28		<b>Serial Number</b> 40111	
<b>TSN</b> 30866.3	<b>TSO</b> 0.0	<b>TSR</b> -	<b>TSHSI</b> -	<b>CSN</b> 54486	<b>CSO</b> 0	<b>CSR</b> -	<b>CSHSI</b> -
<b>CT Vane</b> 	<b>PT Vane</b> 	<b>NG</b> 		<b>T5</b> 		<b>SFC</b> 	
<b>Remarks:</b> -OVERHAULED I.A.W. P&WC OVERHAUL MANUALS AND OTHER APPROVED DATA. -MATED TO GAS GENERATOR (REPAIR) 50903 AND TESTED I.A.W. MANUFACTURER'S REQUIREMENTS. GG (50903): TSN: 22381.9 CSN: 41948 TSO: 1081.4 CSO: 770 TSR: 0.0 CSR: 0							
This product has been Overhauled in accordance with the manufacturer's requirements and current Canadian Aviation Regulations. Pertinent details of the work performed are on file at this agency under work order 24-18300							
<b>Authorized Inspector</b> D. Gallant		<b>Signature</b> 			<b>Stamp</b> 		<b>Date</b> FEB 01 2005


Q-Form 064 (2003-06-19)

					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					



# PT6A Life Limited Parts History Log

Atlantic Turbines International Inc.  
P.O. Box 150, Summerside PEI  
Canada, C1N 4P6  
AMO No. 3-92

Gas Gen. Module Serial No. <b>50903</b>	Gas Gen. Module TSN <b>22381.9</b>	Gas Gen. Module CSN <b>41948</b>	Gas Gen. Module Work Order No. <b>24-18300</b>
Power Module Serial No. <b>40111</b>	Power Module TSN <b>30866.3</b>	Power Module CSN <b>54486</b>	Power Module Work Order No. <b>24-18300</b>
Engine Model <b>PT6A-28</b>	Status <b>Overhaul</b>	Service Bulletin/Rev. <b>1002</b>	Date <b>FEB 01 2005</b>
Class <b>4</b> 			

Part Description	Part Number	Serial Number	TSN	CSN	FCF	Total CSN Accumulated
1 <sup>st</sup> Stg. Compressor	REC	Not Accessed				
Hub	INS	Not Accessed				
2 <sup>nd</sup> Stg. Compressor	REC	Not Accessed				
Disk	INS	Not Accessed				
3 <sup>rd</sup> Stg. Compressor	REC	Not Accessed				
Disk	INS	Not Accessed				
Impeller	REC	Not Accessed				
	INS	Not Accessed				
CT Disk	REC	Not Received				
	INS	3013411	A9284	-	11422	1.0 11422
PT Disk	REC	3022412	97A987	2924.2	5828	1.0 5828
	INS	SAME				

Remarks

Note: For determination of accumulated and 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.





# Rocky Mountain Aircraft

Aircraft Sales • Parts Sales • Service • Hangar Storage

## LIFED PARTS SUMMARY

DATE: 07-Feb-98 PT6A-28 ENGINE ENGINE TSO: 39.3  
 ENGINE: L/H GAS GENERATOR ENGINE CSO: 20.0  
 CUSTOMER: C-YYTK ENGINE S/N: PCE50903 ENGINE TTSN: 21,339.8  
 WORK ORDER: ENGINE TCSN: 41,198.0  
 STATS @ TAT: 6,902.1  
 @ TAC: 6,149.0

DESCRIPTION	PART #	SERIAL #	TOTAL PART HOURS	TOTAL PART CYCLES	REMAINING HOURS	REMAINING CYCLES
HUB ASSY	3013411	4Y916		19,000.0 7,479.0		11,521.0
DISC. COMPR. STAGE 2	3013712	1X232		24,000.0 7,479.0		16,521.0
DISC. COMPR. STAGE 3	3011713	4512		25,000.0 18,706.0		6,294.0
DISC. COMPR. TURBINE	3013411	24A532	15,000.0 3,058.7	16,000.0 6,974.0	11,941.3	9,026.0
DISC. POWER TURBINE		SEE ATTACHED		18,000.0		
IMPELLER	3013176	8D661		19,000.0 7,479.0		11,521.0

CT BLADES COMPONENT	LAST O/H: MODEL	TURBINES INC DEC 8/97 SERIAL NO	TSO
FUEL CONTROL UNIT	2524435	A7067	39.3
ENGINE DRIVEN PUMP	025323-101	2671	39.3
FUEL-OIL HEATER	10552	3056	39.3
COMPRESSOR BLEED VALVE	'3100824-3	A1064	39.3
FUEL TOPPING GOVERNOR	SEE CSU		
START CONTROL	3019109	7401	39.3
SINCE HSI			39.3
FUEL NOZZLES			39.3
ENGINE OIL	2380		39.3
ENGINE OIL FILTER			39.3
IGNITION EXCITER	10-381550-1		U/K
CONSTANT SPEED UNIT	8210-003	2165513R1	381.5
STARTER GENERATOR	23048-001	7032H	381.5
PROPELLER	HB3TN-3B	BU9707	531.1
OVERSPEED GOVERNOR	210598	1287767K	381.5

c/o Springbank Airport Box 27, R.R. 2, Site 16, Calgary, Alberta T2P 2G5

Tel: (403) 288-3305

Fax: (403) 247-6846





DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		334.8		TOTALS brought forward from previous page
Nov 26/79		<del>334.8</del>		
	46.8	381.6		+ 34 cycles. 242 cycles TOTAL.
				EVENT #3 50 HR INSPECTION
				CARRIED OUT.
				SJ. MACSYMIC M360820
Mar 9/80	64.4	446.0		+ 45 cycles. 287 cycles TOTAL.
				EVENT #4 50 HR INSPECTION
				CARRIED OUT. High PRESS FUEL
				FILTERS REPLACED.
				SJ. MACSYMIC M360820
June 29/80	47.4	493.4		+ 26 cycles. 313 TOTAL cycles.
				EVENT #1 50 HR INSPECTION
				CARRIED OUT.
				SJ. MACSYMIC M360820
SEP 8/80	50.1	543.5		+ 36 cycles. 349 TOTAL cycles.
				EVENT #2 50 HR INSPECTION
				CARRIED OUT. S/G INSPECTION
				CARRIED OUT.
				SJ. MACSYMIC M360820
Feb 14/81	58.8	602.3		+ 41 cycles 390 Total Cycles
				Event #3 50 hr Inspection carried out.
				SJ. MACSYMIC M360820
				SUB-TOTALS this page
		602.3		TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		602.3		TOTALS brought forward from previous page
				Total Cycles 390
May 23/01	26.5	628.8		Event #4 50 hr. Inspection Carried Out +24 cycles 414 Total Cycles, S.J. MacSymic M360820
Sept 13/01	67.8	696.8		Event #1 50 hr. Inspection Carried Out +72 cycles 486 Total Cycles Fuel Nozzles Removed, Clean Tested and Reinstalled Gnd Run OK. S.J. MacSymic M360820
March 7/02	63.9	760.7		Event #2 50 hr. Inspection Carried Out +40 cycles 526 Total Cycles
July 23/02	54.1	814.8		EVENT #3 50 HR INSPECTION COMPLETED S. J. MacSymic +51 cycles TOTAL cycles = 577
Nov 13/02	59.1	873.9		EVENT #4 50 HOUR INSPECTION COMPLETED S.J. MacSymic +41 cycles TOTAL cycles = 618
Jan 24/03	42.5	916.4		Event #1 50 Hour inspection completed +25 cycles Total cycles = 643 S.J. MacSymic
Mar 10/03	23.2	939.6		500 Hr special inspection items completed as applicable, including heater fuel pump check, heater fuel pump filter replaced. Heater fuel solenoid valve checked.
				SUB-TOTALS this page
		939.6		TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		939.6		TOTALS brought forward from previous page
				1/4 H engine items listed on special inspection sheets.
				+ 15 cycles. Total cycles = 658
				S.J. MacSymic
				AMO 07-02
April 03/03	36.9	976.5		Event #2 50 Hr inspection completed as per Westpoint maintenance schedule
				+ 25 cycles. Total cycles = 683
				S.J. MacSymic AMO 07-02
June 24/03	49.4	1025.9		1000 Hr inspection items carried out 1/4 of 1/4 H starter generator. Operational checks on tach generators. P3 air filters found removed. Oil filter replaced on 1/4 H engine.
				+ 43 cycles. Total cycles = 726
				S.J. MacSymic AMO 07-02
June 25/03	1.1	1027		Event #3 50 Hr inspection completed as per Westpoint maintenance schedule.
				100 Hr items complied with. 200 Hr items completed.
				+ 2 cycles. Total cycles = 728
				S.J. MacSymic AMO - 07-02
Sept. 1/03	23.2	1050.2		+ 21 CYCLES. TOTAL CYCLES 749
SEPT 30/03	0	1050.2		BOTH PROPELLERS REMOVED FOR O/H
				SUB-TOTALS this page
				TOTALS—Carry forward to next page







LEFT HAND ENGINE - Power Section S/N: 40111 - 100 : Gas Generator S/N: 50903

1. **CF – 2002 – 47** – PT6A Engine Series- Inspection of turbine Exhaust Duct. – Inspected IAW paragraph B, 2, ( a ) . No cracks found. **REPETITIVE: Every 150 hours TIS.**
2. **CF – 98 – 41** – Superseded by CF – 2002 – 47. **TERMINATED**
3. **CF – 80 – 14R1** – AWD Cancelled 27 Feb 1997. **TERMINATED**
4. **CF – 78 – 03** – Modifications – L/H Engine, Para 2 (SB1248) and para 6 (SB 1220 complied with 01 Feb 2005. R/H Engine, para 2 (SB1248) and para 6 (SB1220) complied with 15 June 1990. **TERMINATED**
5. **CF – 96 – 24** - Bleed Off Valve – N/A by aircraft type/model number. **TERMINATED**
6. **CF – 76-25** – Superseded by CF – 78 – 03 **TERMINATED**
7. **CF – 76 – 06** – Superseded by CF – 76 – 25. **TERMINATED**
8. **CF – 74 – 09** – Superseded by CF – 76- 06. **TERMINATED**
9. **CF – 69 – 17R1** – Superseded by CF – 80 – R1. **TERMINATED**
10. **CF- 69 – 15** – Superseded by CF – 80 – 14. **TERMINATED**

OF AIRWORTHINESS

Frank R. Noseworthy


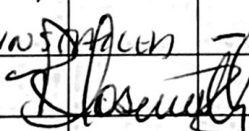
M372555

19 March 2008

02 Jun	✓	1228.7	C.S.O = 875 - THE WORK DESCRIBED BELOW
02 Jun	✓	1228.7	C.S.O = 875 - PIPER EVENT # 4 CARRIED THE STARTER GENERATOR CARRIED OUT. - OIL DRAINED & REPLENISHED - CHECKED OIL COOLER IAW PIPER MANUAL 2-55 - LEAK CHECKED WITH NO DEFECTS - F REPLACED, LEAK CHECK CARRIED OUT SERVICE TABLE - STARTER GENERATOR RE-INSTALLED IAW MANUFACTURER'S MAINT. MANUAL - # 1 ENG ITT INDICATOR ABOVE HAS BEEN CARRIED OUT I.A.W. THE APPLICABLE STANDARDS OF

**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
PIPER CHEYENNE:	C-FPNJ	Serial #: 31T-7620008	TTAF: 8,095.5	TCSN: 6,970 13 March 2008
LEFT HAND ENGINE - Power Section S/N: 40111 - 100: Time Since New = 31000.6 Cycles Since New = 54582				
Time Since Overhaul= 134.3 Cycles Since overhaul = 93				
Gas Generator S/N: 50903 Time Since New = 22516.2 Cycles Since New = 42041				
Time Since Overhaul= 1228.7 Cycles Since Overhaul = 874				
Time Remaining to Next Hot Section Inspection = 1052.8				
Piper Events # 1, # 2, #3 and # 4 carried out IAW Piper Service manual. - 50 Hour Inspection Items complied with. Next due at 8145.5 AF HRS. <u>EVERY EVENT</u> : - 100 Hr Inspection items complied with. Next due at 8195.5 AF HRS. <u>EVERY EVENT 2 and 4</u> : 200 Hour Inspection items complied with.				
Next due at 8295.5 <u>EVERY EVENT # 4</u> . OIL WAS NOT DRAINED! L/H Engine oil drain has 100.4 hours remaining, Due at 8195.9 NEXT EVENT # 2!				
THE MAINTENANCE DESCRIBED ABOVE HAS BEEN CARRIED OUT IAW THE APPLICABLE STANDARDS				
OF AIRWORTHINESS				
 Frank R. Noseworthy M372555 19 March 2008				
IS LISTED ON AAL WO. # 20749; I-A-W. MANUFACTURER'S MANUAL - 300 HOUR INSPECTION OF RAINED RGB SUMPS, INSPECTED CHIP DETECTOR, REPLACED OIL FILTER - PUMP INLET SCREEN CLEANED & RE-INSTALLED - FUEL PUMP OUT-LET FILTER BRUSHED REPLACED, SPRINGS CLEANED & LUBRICATED - STARTER GENERATOR REPAIRED & RE-INSTALLED - THE MAINTENANCE DESCRIBED OF AIRWORTHINESS -  M372555				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page
Apr. 13/15	22,519.8	1219.3	✓	

**POWER SECTION SUB-ASSEMBLY INFORMATION**

Applicability: PT6A-28 Engines

Power Section:	PT6A-28	OEI exc.:	T.S.N.:	TTStarts:	CSO	T.S.O.:	W/O:
A/C:	C-FPNJ	0	22,519.8	42,043	865	1219.3	Date: Apr. 13/15

Signature: \_\_\_\_\_

Description	Part Number	Serial Number	Previous Cycles	Consumed	Remaining	Limit	T.S.N.	T.REM.
Gas Gen	3015000	P50903	SN22519.8	TSO-1219.3	CSO- 865		N/A	N/A
P/Section	3013340	PS40111	SN31,004.2	TSO-137.9	CSO-95		N/A	N/A
1st Stage Disk	3013411	4Y916	7479	803	10,718	19,000	N/A	N/A
2nd Stage Disk	3013712	1X232	7479	803	15,718	24,000	N/A	N/A
3rd Stage Disk	3011713	4512	18706	803	5,491	25,000	N/A	N/A
Impeller	3013176	8D661	7479	803	10,718	19,000	N/A	N/A
C T Disk	3013411	A9284	11422	95	4,483	16,000	N/A	N/A
Description	Part Number	Serial Number	Previous Cycles	Consumed	Remaining	Limit	T.S.N.	T.REM.
1st Stage PT Disk	3022412	97A987	5828	95	14077	20000	3062.1	
CT Disk Blades	N/A	N/A						


DPS run carried out as per piper cheyenne service manual chart 8-1

Torque - 1335 Ft-Lb

Fuel flow 362 Lbs/Hr.

Ng- 96%

ITT - 640 Celcius


**RON HELGESON**  
 m307757


**SUB-TOTALS** this page**TOTALS**—Carry forward to next page

## Airworthiness Directive Compliance Record

75-06-01      04-01-77      Gear box deterioration  
Method of Compliance:      N/A by previously complied with      Due Next: N/A

75-11-04      05-20-75      Reduction gear box engine distress  
Method of Compliance:      N/A by previously complied with      Due Next: N/A

80-08-12      04-18-80      Fuel pump drive coupling splines  
Method of Compliance:      N/A by previously complied with      Due Next: N/A

90-12-05      05-30-90      Engine overhaul  
Method of Compliance:      N/A by P/N      Due Next: N/A

92-15-11      08-17-92      Compressor delivery air line  
Method of Compliance:      N/A by not installed      Due Next: N/A

97-04-12      03-14-97      Compressor BOV  
Method of Compliance:      N/A by airframe      Due Next: N/A

02-23-13      12-31-02      Turbine exhaust duct welds  
Method of Compliance:      N/A by P/N      Due Next: N/A

11-20-51      11-01-11      Gears  
Method of Compliance:      N/A by P/N      Due Next: N/A

11-20-51      upon receipt      First stage reduction Sun gears  
Method of Compliance:      N/A by P/N      Due Next: N/A

11-25-12      12-28-11      Sun Gears  
Method of Compliance:      N/A by P/N      Due Next: N/A

14-11-05      08-05-14      Reinforcement liner to the power turbine (PT)  
containment ring and, for certain  
PT containment rings, adding scallops  
Method of Compliance:      P&WC Service Bulletin (SB) No. 12076      Due Next: N/A  
Pratt & Whitney  
PT6A-28 PCE 50903  
N70EA R/H #2

Prepared by <u>Dawn Barlett 3383377</u>	Date: <u>11-18-18</u>	Hobbs <u>2225.7</u>
Prepared by <u>Dawn Barlett 3383377</u>	Date: <u>5-31-19</u>	Hobbs <u>2348.1</u>
Prepared by <u>Dawn Barlett 3383377</u>	Date: <u>7-19-19</u>	Hobbs <u>2472.0</u>
Prepared by <u>Dawn Barlett</u>	Date: <u>12-16-19</u>	Hobbs <u>2677.1</u>
Prepared by _____	Date: _____	Hobbs _____
Prepared by _____	Date: _____	Hobbs _____

June 4, 2015

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN:	22519.8
TSMOH:	1219.3
TSHSI:	0.0
TCSN:	42043
TCSOH:	865
HOBBS:	477.3

Installed engine SN P50903 with new (3) FWD engine mount core P/N PDM7351257-7, (3) AFT engine mount core P/N PDM7351257-9, (3) new gasket P/N PDMR20702-2, (3) new tube P/N PDM7351260-1, (3) new stud P/N PDM7351261-1, (3) new bolt P/N PDMCSP282-29 with (3) washers P/N NAS1149C0663R, (3) New engine mount housing P/N 7351256-2 S/N 7929, S/N 7943, S/N 8017. Installed New Ignition lead P/N CH53399-04, New Igniter bracket P/N 3019071, New Ignition box P/N 10-381550-1 SN 14361F, New Carbon blocks (2) P/N CA4731, new pin P/N PDMC6CEM1283-31, Tachometer generator P/N 32005-007 S/N 73912, Tachometer generator P/N 32005-007 S/N 273245, new leaf actuator P/N 21264. Installed Oil pressure trans. P/N 3567749-9502 S/N 8601104, installed oil pressure switch P/N 1G177-15 S/N 1547. Installed torque transmitter P/N 418-01064 SN 3-74-20. Installed New Oil cooler P/N 8000590 S/N 1996403. Installed OH Starter generator P/N 23048-004TM SN 12995 from AOG Aviation Spares WO# 104740. Installed engine fuel pump P/N 025323-101-02 S/N 1620D. Installed OH Fuel control unit P/N 2524440-7-6 S/N A7589, fuel shut off P/N SFC 113 S/N-8809. Installed Hose Assy P/N AE7013107K0350, P/N 601002-4-0240 and P/N CA1838-1 from Eaton Aeroquip Inc. Installed Prop governor Assy P/N 8210-004-01 SN 1714685 and prop overspeed governor Assy P/N 210625T S/N 1707549 with gaskets P/N VE3118953-01 and P/N VE206684 from Aircraft Propeller Service. Installed new Telescopic unit Assy P/N C6SC1040-1, and cable P/N C6CE1351-31. Installed new rod for engine fuel control P/N C6CE1340-27. Installed new Telescoping and sliding end P/N C6CE1300-1. Installed new duct Assy for start/gen. P/N C6E1027-1. Installed new Adapter P/N C6LM1019-27. Installed new switch W/ wiring harness P/N C6NE1047-3, Switch plate P/N PDMC6E1059-31. Installed New exhaust nozzle LH P/N C6SC1107-1AWL S/N IM966-218 from Acorn welding and exhaust nozzle RH P/N C6SC1107-3AWL S/N IM647-219. Installed Propeller P/N HC-B3TN-3B S/N BUA30114 from Aviation B.L.. Ground run checked for normal operation no fluid leaks noted after filter changes and lubrication of control rods and levers. All work done in accordance with DHC PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. Powerplant released for continued service.

  
Justin Karr  
A&P 3200841

July 14<sup>th</sup>, 2015

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN:	22598.5
TSMOH:	1298.0
TSHSI:	78.7
TCSN:	42103
TCSOH:	925
HOBBS:	556.0

Emma inspection No. 5 completed this date in accordance with DHC6 Twin Otter Controlled Inspection Program Consisting of EMMA cards Routine (A), Routine (E), and 36. Filters cleaned and inspected, service engine as required. All work done in accordance with DHC6 Maintenance Manuals PSM 1-62-2 and PSM 1-63-2 and Pratt & Whitney maintenance manuals volume 1 & 2. Ground run and operational check performed no fluid leakage noted. Powerplant released for continued service.



Justin Karr  
A&P 3200841

August 4, 2015

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN:	22681.1
TSMOH:	1380.6
TSHSI:	161.3
TCSN:	42142
TCSOH:	964
HOBBS:	638.6

Emma inspection No. 6 completed this date in accordance with DHC6 Twin Otter Controlled Inspection Program Consisting of EMMA cards Routine (A), Routine (E), 36 and 38. Filters cleaned and inspected, service engine as required. Installed OH governor P/N 8210-004-01 S/N 1750686 from International Governor Services WO# 75460. All work done in accordance with DHC6 Maintenance Manuals PSM 1-62-2 and PSM 1-63-2 and Pratt & Whitney maintenance manuals volume 1 & 2. Ground run and operational check performed no fluid leakage noted. Powerplant released for continued service.



Justin Karr  
A&P 3200841

September 24, 2015  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 22762.7  
TSMOH: 1462.2  
TSHSI: 242.9  
TCSN: 42227  
TCSOH: 1049  
HOBBS: 720.2

EMMA inspection No. 7 & 8 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37 through 43. Fuel and oil filters cleaned and replaced, lubricated all control and levers as required. Routine cleaning and flow check of fuel nozzles. Borescope inspection done at this time. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 7 & 8 inspection and is released for continued service.

  
Justin Karr  
A&P 3200841

March 24, 2016  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 22878.3  
TSMOH: 1577.8  
TSHSI: 358.5  
TCSN: 42364  
TCSOH: 1186  
HOBBS: 835.8

EMMA inspection No. 9 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 9 inspection and is released for continued service.

  
Justin Karr  
A&P 3200841

June 6, 2016

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 22988.8  
TSMOH: 1688.3  
TSHSI: 469.0  
TCSN: 42494  
TCSOH: 1316  
HOBBS: 946.3

EMMA inspection No. 10 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37, 39. Cleaned and flow checked fuel nozzles and replace on primary nozzle tip with new P/N 3010036 no other defects noted. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 10 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

July 19, 2016

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 23068.4  
TSMOH: 1767.9  
TSHSI: 548.6  
TCSN: 42586  
TCSOH: 1408  
HOBBS: 1025.9

EMMA inspection No. 11 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 11 inspection and is released for continued service.

  
Justin Karr  
A&P 3200841



August 5th, 2016  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 23136.1  
TSMOH: 1835.6  
TSHSI: 616.3  
TCSN: 42611  
TCSOH: 1433  
HOBBS: 1093.6

Installed OH starter generator P/N 23048-004TM S/N 13103 from AOG WO# 106894. Ground run checked for normal operation and leaks. All work done in accordance with DHC PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. Powerplant released for continued service.



Justin Karr  
A&P 3200841

August 23, 2016  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 23192.6  
TSMOH: 1892.1  
TSHSI: 672.8  
TCSN: 42638  
TCSOH: 1460  
HOBBS: 1150.1

EMMA inspection No. 12 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37 through 45. Replaced a accessory cover gasket P/N ST3276-01. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 12 inspection and is released for continued service.



Justin Karr  
A&P 320084

November 3, 2016

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 23301.4

TSMOH: 2000.9

TSHSI: 781.6

TCSN: 42698

TCSOH: 1520

HOBBS: 1258.9

EMMA inspection No. 13 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 12 inspection and is released for continued service.



Donovan Bartlett

A&P 3383377

March 29, 2017

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 23394.0

TSMOH: 2093.5

TSHSI: 874.2

TCSN: 42840

TCSOH: 1662

HOBBS: 1351.5

EMMA inspection No. 14 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 37 and 39. Lubricated all control and levers as required. Replace fuel drain gaskets (2) AN901-8C and 3011071. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 14 inspection and is released for continued service.



Donovan Bartlett

A&P 3383377

July 10, 2017

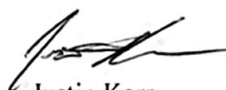
DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 23519.6  
TSMOH: 2219.1  
TSHSI: 999.8  
TCSN: 43010  
TCSOH: 1832  
HOBBS: 1477.1

EMMA inspection No. 15 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36 and 37. Installed New oil pressure switch P/N 1G177-15 S/N 5887 from Custom control sensors WO # C000019550. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 15 inspection and is released for continued service.



Justin Karr

A&P 3200841 IA

August 15, 2017

DHC6-200 N70EA S/N 139

Pratt & Whitney PT6A-28

S/N P50903 RH #2 Position

TTSN: 23637.3  
TSMOH: 2336.8  
TSHSI: 1117.5  
TCSN: 43078  
TCSOH: 1900  
HOBBS: 1594.8

EMMA inspection No. 16 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 1 - 21, 36 - 43. Lubricated all control and levers as required. Changed out fuel nozzles with a set that was flow tested. Split engine at C flange, changed out CT vane P/N 3032651CL01 S/N HLAC663 EFA: 5.68. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 16 inspection and is released for continued service.



Justin Karr

A&P 3200841 IA

September 13, 2017  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN:	23660.0
TSMOH:	2359.5
TSHSI:	0.0
TCSN:	43113
TCSOH:	1935
HOBBS:	1617.5

Hot Section Inspection carried out this date. Split power section at C-Flange and removed hot section components and sent into Prime turbines for stretch test on CT Blades. Overhauled Small exit Duct assy was installed P/N 3018652 SN 6119. New shroud Segments were installed (16) PN PF3019438CL9. Work done under prime WO# 3736-17. Installed hot section components and clearances checked and found to be acceptable. Re-mated power section at C-Flange. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2 and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

October 31, 2017  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN:	23745.8
TSMOH:	2445.3
TSHSI:	85.8
TCSN:	43148
TCSOH:	1970
HOBBS:	1703.3

EMMA inspection No. 17 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36 and 37. Lubricated all control and levers as required. Performed compressor wash and rinse. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 17 inspection and is released for continued service.

  
Justin Karr  
A&P 3200841 IA

May 3, 2018  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 23848.4  
TSMOH: 2547.9  
TSHSI: 188.4  
TCSN: 43240  
TCSOH: 2062  
HOBBS: 1805.9

EMMA inspection No. 18 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 1-7, 36-39. Lubricated all control and levers as required. Cleaned and flow checked fuel nozzles. Performed compressor wash and rinse. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 17 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

June 18, 2018  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 23942.9  
TSMOH: 2642.4  
TSHSI: 282.9  
TCSN: 43329  
TCSOH: 2151  
HOBBS: 1900.4

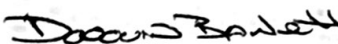
EMMA inspection No. 19 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36 and 37. Lubricated all control and levers as required. Performed compressor wash and rinse. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 19 inspection and is released for continued service.

  
Justin Karr  
A&P 3200841 IA

July 31, 2018  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24062.6  
TSMOH: 2762.1  
TSHSI: 402.6  
TCSN: 43414  
TCSOH: 2236  
HOBBS: 2020.1

EMMA inspection No. 20 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 1-14 and 36-41. Lubricated all control and levers as required. Performed compressor wash and rinse. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 20 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

August 30, 2018  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24178.5  
TSMOH: 2878.0  
TSHSI: 518.5  
TCSN: 43455  
TCSOH: 2277  
HOBBS: 2136.0

EMMA inspection No. 21 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36 & 37. Installed two new igniter P/N CH34055. Changed out fuel nozzles with a set that was cleaned and flow tested. Borescope inspection done at this time. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 21 inspection and is released for continued service.

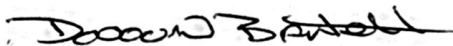
  
Justin Karr  
A&P 3200841 1A



November 18, 2018  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24268.2  
TSMOH: 2967.7  
TSHSI: 608.2  
TCSN: 43556  
TCSOH: 2378  
HOBBS: 2225.7

EMMA inspection No. 22 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 1-7 and 36-39. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 22 inspection and is released for continued service.



Donovan Bartlett  
A&P 3383377

May 31, 2019  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24390.6  
TSMOH: 3090.1  
TSHSI: 730.6  
TCSN: 43714  
TCSOH: 2536  
HOBBS: 2348.1

EMMA inspection No. 23 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36-37. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 23 inspection and is released for continued service.



Donovan Bartlett  
A&P 3383377

July 14, 2019  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN:	24514.5
TSMOH:	3214.0
TSHSI:	854.5
TCSN:	43866
TCSOH:	2688
HOBBS:	2472.0

EMMA inspection No. 24 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards 1-47. Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 24 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

August 7, 2019  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN:	24615.4
TSMOH:	3314.9
TSHSI:	955.4
TCSN:	43918
TCSOH:	2740
HOBBS:	2572.9

EMMA inspection No. 25 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 36 & 37 Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-62-2 and PSM 1-63-2 and Pratt and Whitney maintenance manual volume 1 and 2. I certify that this power plant has been inspected in accordance with an EMMA No. 25 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

December 16, 2019  
DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24719.6  
TSMOH: 3419.1  
TSHSI: 1059.6  
TCSN: 44024  
TCSOH: 2846  
HOBBS: 2677.1

EMMA inspection No. 26 completed this date in accordance with DHC6 Twin Otter controlled inspection program consisting of EMMA cards Routine (A), Routine (E), 1-7 36-39 Lubricated all control and levers as required. Ground run checked for normal operation and leaks. No leaks noted at this time. All work done in accordance with DHC6 PSM 1-6-2 Rev. 7 dated October 2-2018 and Pratt and Whitney maintenance manual 3021242 Rev. 61 Dated August 23-2019. I certify that this power plant has been inspected in accordance with an EMMA No. 25 inspection and is released for continued service.

  
Donovan Bartlett  
A&P 3383377

DHC6-200 N70EA S/N 139  
Pratt & Whitney PT6A-28  
S/N P50903 RH #2 Position

TTSN: 24722.4  
TSMOH: 3421.9  
TSHSI: 1062.4  
TCSN: 44027  
TCSOH: 2849  
HOBBS: 2679.9

This powerplant removed this date. All work done in accordance with DHC6 PSM 1-6-2 Rev. 7 dated October 2-2018 and Pratt and Whitney maintenance manual 3021242 Rev. 61 Dated August 23-2019.

  
Donovan Bartlett  
A&P 3383377

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page
		N550BH		Date: 06/26/2020
		Engine: P&W	M/N: PT6A-28	S/N: PCE-50903
		Hobbs: 754.6	TSN: 24,722.4	TSHIS: 1,062.4
		Installed engine on N550BH. CW 100/300 Hour Inspection. Installed cleaned and flow checked fuel nozzles from Prime Turbines, Installed overhauled fuel pump 51076-1, generator control unit Gco7, Engine oil cooler 8000618, Lucas starter generator 23048-021, Ring bleed case Support 3027191, bleed air case 3029769, adapter scav oil rear 3015690. Cleaned main oil strainer. No metal found. Removed main fuel inlet screen, cleaned & reinstalled. Replaced main fuel outlet filter. Cleaned firewall filter. Checked igniters. Checked chip detector and screen. No metal found. Cleaned P3 filter. Checked beta block. I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition. <i>Ken Merich I A2879333</i>		
		N550BH		Date: 07/14/2020
		Engine: P&W	M/N: PT6A-27	S/N: PCE-50903
		Hobbs: 853.8	TSO: 3,521.1	TSHIS: 1,161.6
		CW 100Hour Inspection. Cleaned main oil strainer. No metal found. Removed main fuel inlet screen, cleaned & reinstalled. Replaced main fuel outlet filter. Cleaned firewall filter. Checked igniters. Checked chip detector and screen. No metal found. Cleaned P3 filter. Checked beta block. <i>Benjamin M. Nelt 3619075 A+P</i>		
		N550BH		Date: 08/15/2020
		Engine: P&W	M/N: PT6A-27	S/N: PCE-50903
		Hobbs: 951.4	TSO: 3,618.7	TSHIS: 1,259.2
		CW 100Hour Inspection. Cleaned main oil strainer. No metal found. Removed main fuel inlet screen, cleaned & reinstalled. Replaced main fuel outlet filter. Cleaned firewall filter. Checked igniters. Checked chip detector and screen. No metal found. Cleaned P3 filter. Checked beta block. <i>Benjamin M. Nelt 3619075 A+P</i>		
		SUB-TOTALS THIS PAGE		





Current Hobbs:	1240.4
Total Engine Times and Cycles as of:	7-Sep-21
Engine Total Time:	25172.2
Starts:	124
Flights:	1551
Time Since Overhaul:	3907.7

**Aircraft Model:** AT-400  
**R/N:** N550BH  
**S/N:** 302-0184  
**Engine Model:** PT6A-27  
**S/N:** PCE-50903

Component	Abb Cycle Factor	Fit Count Factor	Total Cycles For Period	Previous Cycles	Total Cycles	Cycle Life Limits	Cycles Remaining	Component Time
Hub, Compressor	2	1	838	14766	15604	19000	3396	N/A
P/N 3013111								
S/N 4Y916								
Disk, Comp 2nd	2	1	838	19766	20604	24000	3396	N/A
P/N 3013712								
S/N 1X232								
Disk, Comp 3rd	2	1	838	9539	10377	25000	14623	N/A
P/N 3011713								
S/N 4512								
Impeller, Cent.	2	1	838	14766	15604	19000	3396	N/A
P/N 3013176								
S/N 8d661								
Disk, C.T.	4	1	481	7499	7980	16000	8020	N/A
P/N 3013411								
S/N A9284								
Disk, P.T.	3.5	1	532	17093	17625	20000	2375	N/A
P/N 3022412								
S/N 97A987								
Blade, C.T.								N/A
P/N								

Cycles calculated in accordance with P&WC S.B. 1002R29

		N550BH	Date: 08/03/2021
		Engine: P&W	M/N: PT6A-27
		Hobbs: 1157	TSO: 3,824.3
			TSHIS: 1,464.8
		CW 100Hour Inspection.	
		Cleaned main oil strainer. No metal found.	
		Removed main fuel inlet screen, cleaned & reinstalled.	
		Replaced main fuel outlet filter.	
		Cleaned firewall filter.	
		Checked igniters.	
		Checked chip detector and screen. No metal found.	
		Cleaned P3 filter.	
		Checked beta block. Ben Walters A&P 3619075	

*Ben Walters*



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page
				<p>N550BH  Engine: P&amp;W                      M/N: PT6A-27                      Date: 02/02/2022  Hobbs: 1240.4                      TSO: 3,907.7                      S/N: PCE-50903  TSHIS: 1,548.2</p> <p>CW 100/300 Hour Inspection.  Jet Air Corporation cleaned, and flow checked fuel nozzles.  Cleaned main oil strainer. No metal found.  Removed main fuel inlet screen, cleaned &amp; reinstalled.  Replaced main fuel outlet filter.  Cleaned firewall filter.  Checked igniters.  Checked chip detector and screen. No metal found.  Cleaned P3 filter.  Checked beta block.  I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.  <i>Ken Murch FA2879333</i></p>
				<p>N550BH  Engine: P&amp;W                      M/N: PT6A-27                      Date: 04/18/2023  Hobbs: 1,496.4                      TSO: 4,163.7                      S/N: PCE-50903  TSHIS: 1,804.2</p> <p>CW 100/300 Hour Inspection.  Jet Air Corporation cleaned, and flow checked fuel nozzles.  Cleaned main oil strainer. No metal found.  Removed main fuel inlet screen, cleaned &amp; reinstalled.  Replaced main fuel outlet filter. Cleaned firewall filter. Checked igniters.  Checked chip detector and screen. No metal found.  Cleaned P3 filter. Checked beta block.  I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.  <i>Ken Murch FA2879333</i></p>
				<p>N550BH  Engine: P&amp;W                      M/N: PT6A-27                      Date: 04/10/2024  Hobbs: 1,496.4                      TSO: 4,163.7                      S/N: PCE-50903  TSHIS: 1,804.2</p> <p>CW 100/300 Hour Inspection.  Prime Turbines cleaned, and flow checked fuel nozzles.  Cleaned main oil strainer. No metal found.  Removed main fuel inlet screen, cleaned &amp; reinstalled.  Replaced main fuel outlet filter. Cleaned firewall filter. Checked igniters.  Checked chip detector and screen. No metal found.  Cleaned P3 filter. Checked beta block.  I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.  <i>Ken Murch</i></p>