THE AIRCRAFT MAINTENANCE MAINTENANCE RECORDKEEPING SYSTEM

Gas Coen MAY SN# 50903

LIH CFPNJ

ENGINE MAINTENANCE RECORDS



ENGINE MAINTENANCE RECORDS

ρ_{I}	Log No	
Aircraft Registration No. 1930 and	C-FPNJ -4	H
Engine Manufacturer		
Model 50 903	<u> </u>	
Serial No.		
Date installed on aircraft		
Time Between Overhauls (TBO)	_Hours	
If used on multi-engine aircraft:		
☐ Right ☐ Left ☐ Front ☐ Rear		



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SUNAIRE EXPRESS KARDEX FILE	UPDATED	18-Mar-94							dva: ca		- 18
AMOCEN THANSIL	S/N	HARDTIME	TIME ON	TSO	TIME DUE	HOURS LEFT	CYCLES ALLOWED	CSC	CYCLES DUE	CYCLI LEF	1.54
SENERATOR LEFT	40632	9000	41921.4	7234.5	46722.5	1765.5					
72 POWER SECTION LEFT	41167	3000	41502.9	3454.1	50502.9	5545.9					= 17
2 GAS GENERATOR RIGHT	50903	9000	43241.6	2539.3	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	338	
72 HUB 1ST STAGE RIGHT	4Y916	N/A	N/A	N/A	N/A	N/A	19000	6141	106651	1285	
2 DISK 2ND STAGE LEFT	5R921	N/A	N/A	N/A	N/A	N/A	24000	15617	102175	838	
72 DISK 2ND STAGE RIGHT	1 X 2 3 2	N/A	N/A	N/A	N/A	N/A	24000	6141	111651	1785	
2 DISK 3RD STAGE LEFT	1R632	N/A	N/A	N/A	N/A	N/A	25000	15617	103175	938	
2 DISK 3RD STAGE RIGHT	48A290	N/A	N/A	N/A	N/A	N/A	25000	6141	112651	1885	
2 IMPELLER LEFT	68383	N/A	N/A	N/A	N/A	N/A	19000	15617	97175	338	
	80661	N/A	N/A	N/A	N/A	N/A	19000	6141	106651	1285	
2 C.T. WHEEL LEFT	24A689	15000	41321.4	3674.9	56282.1	11325.1	16000	8181	101611	78:	
72 C.T. WHEEL RIGHT	24A532	15000	44122.5	2293.1	57663.9	12706.9	15000	5636	104156	1030	1
2 P.T. WHEEL LEFT	17A734	N/A	N/A	1./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	
2 GEAR BOX BEARING LEFT	N/A	8000	41502.9	3454.1	49502.9	4545.9	20000	7630	103762	121.	
72 GEAR BOX BEARING RIGHT	N/A	8000	43241.6	5 512.9	47444.1	2487.1					
Z BEAK DOX DEAKING KIGHT			1021110		7/77711	270/11					
73 FUEL CONTROL LEFT	A7067	8500	41972.6	2984.4	50472.6	5515.6					
3 FUEL CONTROL RIGHT	302113	3500	43974.0	1350.4	52106.6	7149.6					- 4
3 FUEL PUMP LEFT	R1227	8500	41921.4	4170.9	49286.1	4329.1					- 1
3 FUEL PUMP RIGHT	2671	8500	43241.6	2589.3	50867.7	5910.7					live.
3 FUEL NOZZLES LEFT	N/A	600	44619.4	337.3	45219.7	262.7 ([)'i Inspected	;)			- 1
EL NOZZLES RIGHT	N/A	600	44619.7	337.3	45219.7		'1 Inspected				1,100
				•••••							F
7 6.6. TACH INDICATOR LEFT	701	2900	44636.2	320.8	47536.2	2579.2					
	8309122	2900	44439.5	517.5	47339.5	2382.5					1
7 PROP TACH INDICATOR LEFT	8306106	2900	43738.1	1718.9	46138.1	1:81.1					1
7 PROP TACH INDICTAOR RIGHT	239	290 0	43594.7	1862.3	45994.7	1037.7					
FUEL FLOW INDICATOR LEFT	SE299	2900	42308.2	2648.8	45208.2	251.2					
FUEL FLOW INDICATOR RIGHT	430	2900	43052.0	1905.0	45952.0	995.0					
PROP TACH GENERATOR LEFT	52	2000	43765.3	1191.7	45765.3	808.3					į
PROP TACH GENERATOR RIGHT	169507	2000	44619.4	337.6	46619.4	1662.4					
G.G. TACH GENERATOR LEFT	203817	2000	44578.8	378.2	46578.8	1621.8					
G.G. TACH GENERATOR RIGHT	10117	2000	44619.4	337.6	46619.4	1662.4					
FUEL FLOW TRANSMITTER LEFT	002324	2900	44947.0	10.0	47847.0	2890.0					j
FUEL FLOW TRANSMITTER RIGHT	711580	2900	44957.0	0.0		2900.0					
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DIL FILTER LEFT	SE0061	1500	44811.6	145.4	46311.6	1354.6				Š	
OIL FILTER RIGHT	3E0074	1500	44041.4	915.€	45541.4	584.4				¥	i=
CTARTER CENCOATOO I CET			44237 5			200				•••••	1
STARTER GENERATOR LEFT	14127	1600	44237.5	719.5	45837.5	880.5					3
STARTER SENERATOR RIGHT	3574	1600	44881.2	75.8	46481.2	1524.2					
GENERATOR BRUSHES LETT	#/A	\$50	44817.9	:39.1			JP TO 1000 H				
SEMERATOR BRUSHES RIGHT	N/A	550	44881.2	75.8	45431.2	474,2 (UP TO 1000 H	JURS)			
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AERO SPECTALISTS, INC.

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

LIFED PARTS SUMMARY

PT6A-27 ENGINE

CUSTOMER:	DO2 REV# 20	JOB NO	ENGI ENGI ENGI CYCL	NE TOTAL	NO. PC-E TIME: 2 CYCLES: O/H_TIME	TIIJ2
DESCRIPTION	PART NO.	SERIAL NO.	TOTAL PART TIME			ING LIFE
HUB ASSY.		44916	1 1	7459	- # - } - }	11,541
DISC. COMPR. STG. 2		1×232	W magazini	24,000 7459	*:	16,541
DISC. COMPR. STG. 3		484390		25,000 7459		17,541
DISC. COMPR - TURBINE		34A532	3019.4	16,000 6954	11980.6	9046
DISC. POWER TURBINE		44 ×203		#		
IMPELLER	A secretarity is	اعادات	B. Special St.	\$	I consider a	
Specific Replace (1)		4	gaponerio il g	1 1	W - power or a	1

DATE: 3-21-97

Spl Mill HPGOROS 128

DATE	TOTAL TIME IN SERVICE	TÖTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME			CRIPTION OF WORK PER ERTIFICATE NO. OF PERSO		PRK
				TOTAL	S brought forward	from previous page		
* ;)							
MANUF	TURERPratt	& Whitney	UN	TNAME E	ngine	TYPE/MODEL PT6-28	SERIAL NUMBE	PCE-50903
TOTAL T	TIME		TIME SINCE OV	ERHAUL	TOTAL C	YCLES	CYCLES SINCE OVER	RHAUL
TUE A	300.5 BOVÉ ITEM ID	LENTIEIED DE	ZE ZE	RO	411	78	ZERO	
ARE FILE CONTINUE THE CONTINUE AVIATION	E AT THIS DED DMPONENT II DN ADMINIST	S REPAIR DENTIFIED AI TRATION AND	BOVE WAS R	UNDE	N ACCORDANCE V	PERTINENT DETA K ORDER NUMBE WITH THE APPLICABLE FEONDITION AND IS APPR	ER W/O T2753	THE FEDERAL
WORK	ORDER No X No. 812-8	77-4604	E AT THIS RE	EPAIR STAT		SIGNATURE SINC.	Phone 81	2S+ FOR: 2-877-2587
WORK FA	ORDER No	77-4604 BR513L	ን 	EPAIR STAT	URBINES	SIGNATURE SINC. Airport, Terre Haute, IN 47803 PT6-28	Phone 81	2-877-2587
FA THIS GA SPECIFIC ORDER 1	X No. 812-8 CRS UTI Pratt & White S GENERA	77-4604 BR513L ney TOR CASE PERTINENT	7303 May HAS BEEN DETAILS	DAT DAT DAT DAT DAT DAT DAT DAT	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDANCE ON FILE AT THIS	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR
THIS GA SPECIFIC ORDER 1	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT	7303 May HAS BEEN DETAILS	DAT DAT DAT DAT DAT DAT DAT DAT	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR
THIS GASPECIFIC ORDER IN PART REAR H	X No. 812-8 CRS UTI Pratt & White S GENERA CATIONS. F No. T2753.	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341	7303 May HAS BEEN DETAILS S 1 4	nard Wheeler Engine OVERHA OF THIS	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541
THIS GASPECIFIC ORDER IN PART REAR HOISK 2N	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371	7303 May HAS BEEN DETAILS S 1 4 2 1	nard Wheeler Engine OVERHA OF THIS	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541
THIS GASPECIFIC ORDER 1 PART REAR H DISK 2N DISK 3R	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301171	7303 May HAS BEEN DETAILS S 1 4 2 1 3 4 3	nard Wheeler Engine OVERHA OF THIS (N TO Y916 X232 512	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314
THIS GASPECIFIC ORDER IN PART REAR HOUSK 2N DISK 3R IMPELLI	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301171 301317	7303 May HAS BEEN DETAILS S 1 4 2 1 3 4 6 8	DAT DAT DAT DAT Engine OVERHA OF THIS VN TO Y916 X232 512 D661	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIO	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541
THIS GA SPECIFIC ORDER I PART REAR H DISK 2N DISK 3R IMPELLI CT DISK	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301317 301341	7303 May HAS BEEN DETAILS S. 1 4 2 1. 3 4. 6 8 1 2.	nard Wheeler Engine OVERHA OF THIS (N TO Y916 X232 512	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GA SPECIFIC ORDER I PART REAR H DISK 2N DISK 3R IMPELLI CT DISK ACCESS	X No. 812-8 CRS UTI Pratt & White S GENERA CATIONS. F No. T2753. UB D STG D STG ER	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301317 301341	7303 May HAS BEEN DETAILS S. 1 4 2 11 3 4 6 8 1 2 0 N	DAT DAT DAT DAT Engine OVERHA OF THIS VN TO Y916 X232 512 D661	URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GA SPECIFIC ORDER I PART REAR H DISK 2N DISK 3R IMPELLI CT DISK	X No. 812-8 CRS UTI Pratt & White S GENERA CATIONS. F No. T2753. UB D STG D STG ER ORIES INS	77-4604 BR513L ney TOR CASE PERTINENT 9/N 301341 301371 301317 301341 CTALLATIC 252444	7303 May HAS BEEN DETAILS S 1 4' 2 1' 3 4: 6 8! 1 2. DN 0-5 2:	nard Wheeler Engine OVERHA OF THIS VN TO Y916 X232 512 D661 4A532	URBINES Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS 3019.4	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GASPECIFIC ORDER IN DISK 2N DISK 3R IMPELLICT DISK	X No. 812-8 CRS UTI Pratt & White S GENERA CATIONS. F No. T2753. UB D STG D STG ER ORIES INS	77-4604 BR513L ney TOR CASE PERTINENT 9/N 301341 301371 301317 301341 CTALLATIC 252444	7303 May HAS BEEN DETAILS S 1 4 2 1 3 4 6 8 1 2 DN 0-5 2 -101-03 20	nard Wheeler Engine OVERHA OF THIS (N TO Y916 X232 512 D661 4A532	URBINES Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS 3019.4 ZERO	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GASPECIFIC ORDER IN DISK 2N DISK 3R IMPELLICT DISK	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301317 301341 CTALLATIC 252444 025323	7303 May HAS BEEN DETAILS S 1 4 2 1 3 4 6 8 1 2 DN 0-5 2 -101-03 2 9 7 6	nard Wheeler Engine OVERHA OF THIS (N TO Y916 X232 512 D661 4A532	URBINES Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS 3019.4 ZERO ZERO	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GASPECIFIC ORDER IN DISK 2N DISK 3R IMPELLIC CT DISK ACCESS FUEL CC FUEL PU START CE BLEED N	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301317 301341 STALLATIC 252444 025323 301910	7303 May HAS BEEN DETAILS Sylvation 1 4 2 11 3 4 6 81 1 2 0 N 0-5 2: -101-03 26 9 7 9-03 A	DAT	URBINE: URBINE: Lane, Hulman Regional A AULED AND TE OVERHAUL AR OTAL HOURS 3019.4 ZERO ZERO ZERO ZERO	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541
THIS GASPECIFIC ORDER IN DISK 2N DISK 3R IMPELLIC CT DISK ACCESS FUEL CC FUEL PU START CE BLEED N	ORDER No	77-4604 BR513L ney TOR CASE PERTINENT P/N 301341 301371 301317 301317 301341 ETALLATIC 252444 025323 301910 310082	7303 May HAS BEEN DETAILS Sylvation 1 4 2 11 3 4 6 81 1 2 0 N 0-5 2: -101-03 26 9 7 9-03 A	DAT DAT DAT DAT DAT DAT DAT DAT	AULED AND TE OVERHAUL AR STAL HOURS 3019.4 ZERO ZERO ZERO ZERO ZERO	PT6-28 ESTED IN ACCORDATE ON FILE AT THIS TOTAL CYCLES 7459 7459 18686 7459	PCE-5 NCE WITH MAN REPAIR STATIC TIME REM.	2-877-2587 0903 FACTURER'S ON UNDER WOR 11541 16541 6314 11541

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					
	,		11000917	TOTALS brought forward	ard fro	m previous page	2.0		
Prat	t & Whitney		En	gine		PT6-28	PCE-50903		
OIL TYPE -	EXXON 23	880		ENGINE TEST D FUEL TYPE - JET			014		
RATING	SHP		2%			DATA PLATE SPD	TRIM CLASS		
TAKE OFF	680		7.12	1575 .5.		35150 93.73	3031417CL16		
VANE CLAS	SS AVERAC	GE CT: 13	2 PT:	12.5					
			AD NOTE a	and SERVICE BULLE					
AD		DATE		METHOD OF COM		NCE			
69-23-06		27/NOV/9		NOT APPLICABLE		1000 AND 1017			
75-06-01-R4	3	27/NOV/9		PREVIOUS C/W B					
75-11-04		27/NOV/9 27/NOV/9		C/W INSTALLED : PREVIOUS C/W B					
80-08-12 90-12-05		27/NOV/9 27/NOV/9		NOT APPLICABLE		1310			
90-12-03		27/NOV/9		C/W P3 FILTER	L	-	*9		
97-04-12		27/NOV/9		NOT APPLICABLE	E				
SERVICE B	ULLETINS	COMPLIE	WITH AT	THIS OVERHAUL					
1120R3							3		
(2)) 1 N						9		
January		1 2	54			DATE 12-8-6	17		
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Rocky Mountain Aircraft

Aircraft Sales • Parts Sales • Service • Hangar Storage

LIFED PARTS SUMMARY

07-Feb-98

PT6A-28

PCE50903

· ENGINE TSO:

39.3

L/H GAS GENERATOR

ENGINE ENGINE CSO:

C-YYTK MER:

ENGINE S/N:

ENGINE TTSN:

20.0 21,339.8

ORDER:

6,902.1

ENGINE TOSN:

41,198.0

, @ TAT: @ TAC:

6,149.0

3CRIPTION	PART#	SERIAL #	TOTAL PART	TOTAL PART	REMAINING	REMAINING
			HOURS	CYCLES	HOURS	CYCLES
				10,000,0		r
HUB ASSY	3013411	4Y916		19,000.0		
HOB ASST	3013411	41910		7,479.0		11,521.0
		-	9	24,000.0		
DISC, COMPR. STAGE 2	3013712	1X232		7,479.0		16,521.0
				25,000.0		· · · · · · · · · · · · · · · · · · ·
DISC. COMPR. STAGE 3	3011713	4512		18,706.0		6,294.0
			15,000.0	16,000.0		
DISC. COMPR. TURBINE	3013411	24A532	3,058.7	6,974.0	11,941.3	9,026.0
			- M	18,000.0		
DISC. POWER TURBINE		SEE ATTACHED				
		-		19,000.0		
IMPELLER	3013176	8D661		7,479.0	·	11,521.0
CT BLADES			LAST O/H:	TURBINES INC	DEC 8/97	L
COMPONENT			MODEL		SERIAL NO	TSO
FUEL CONTROL	UNIT	-	2524435	3	A7067	39.
ENGINE DRIVEN			025323-101		2671	39.
FUEL-OIL HEATE			10552		3056	39.
COMPRESSOR E			'3100824-3		A1064	39.
FUEL TOPPING			SEE CSU	,		1/2/
START CONTRO	L		3019109		7401	39.
SINCE HSI						39.
FUEL NOZZLES			0200			39.
ENGINE OIL			2380			39.
ENGINE OIL FILT			10-381550-1		-	39.
GNITION EXCITE			8210-003		2165513R1	U/K
STARTER GENE			23048-001		7032H	381
PROPELLER	INTOR		HB3TN-3B		BU9707	531.
OVERSPEED GO	VERNOR		210598		1287767K	381.



PT6A MODIFICATION LOG

ENG GG		Serial #	Work Order	Date	Revision	Inspection St	tamp
PS	\boxtimes	50903/40111	24-18300	FEB 0 1 2005	0	187	4

Service Bulletins Incorporated This Visit

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

				Servi	ce Bulle	tins For	und Em	<u>bodied</u>			
		1137									
:54	1258	1281	1287	1299	1316	1318	1331	1332	1389	1391	1395
.04	1427	1430	1470	1476							

Notes

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

(2004-07-21)

Printed: 2005-01-31



PT6A Check in Sheet

Engine S/N 5090 3 W/O 24-

Power Section	Serial No.	W/O No.:		
Description	Part No.	Serial No.	TSN	TSO
Propeller Governor	8210-003	216513R1	Ree'd in al	box.
Power Turbine Governor	1.		A	
Propeller Overspeed Governor	Poper your			
Torque Limiter	A ver			
Autofeather Valve	Post	7 15		
Tach Generator				
Log Book Received with Mo	odule: Yes No	2 2 2 2 2 2 2		
Remarks (List major parts not r	eceived with engine):	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Gas Generator Section	Serial No.	W/O No.:	Tay a series	
Description	Part No.	Serial No.	TSN	TSO
Temp. Compensator	N/Rox it			2
Fuel Pump	025323-101-02	1620	1 2 2	
- Fuel Control	N/Rec'd	The state of the s		
Oil to Fuel Heater	10552E	3056	Broken	
Starting Control	3019109	8809	Seid in a	box
Ignition Exciter	N/Rec'd	-		
Compressor Bleed Valve	3100829-03	A1064		
Compressor Bleed Valve	NA	L		
Flow Divider	N/Rec d	1		
Check Valve	NA			2
Log Book Received with Mo	dule: Yes No 4		•	•
Remarks (List major parts not re	eceived with engine): S FC U			
	ALK STATES STATES		:	400
Container: Acceptable	e Not Acceptable	plane grander was an insulated part and colours in Francisco of Special property and part		
C	over Skid	Cra	dle	Sleeve
Condition Par	Fair	Fair	4	V/A



PT6A Engine Performance Statement

del	T	SN	CSN	TSO		CSO
PT6A-2	28	22381.9	41948	3 108	81.4	770
S/N	P	S S/N	Date		W/O	В
50903	1 1 1	40111	Jan 3 ⁻	1, 2005		24-18305
rk Perfo	ormed					a de la companya de l
		O/H] HSI [] Repa	ir 🛛 Test Only		
ie Flow	: ", "		7.1. 2			
manager and the second of	C	T: Area / 5	.68 PT: A	Area / 15.78	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	100 Prostavana gramoviti
			Performance I	Acceptance 📁		
Andrew programme		and the second				STOREST TRACTORS STREET ROWNINGS IN THE SECOND
			Spec.	Actual		
S.L.S	Std. Day	Power	680	680	2 * 1	And the state of the
T (T5A	Trimmed	d) Deg. R	1694	1655	7.	Maryon or dead
T51	D (Derive	ed)	N/A	N/A	1 12	The second
	en. Speed		36960	36958	1.1	3.24
SFC	C. PPH/S	HP	0.641	0.610		
ress. Ra	atio@	RPM	N/A	N/A	- 4 - 2. Estin	The state of the s
		and a comment of a comment of the same	Trim D	ata	到新疆縣	
			ta T (Untrimme			
	* * * * * * * * * * * * * * * * * * * *	ITT Trim De	Ita T (Untrimme		5 Deg. F	
		and the second	ITT Trim Cla			Parasi e a a a a a a a a a a a a a a a a a a
7		11 4	rim Resistance	e: 16.0 Ohms		
			BOV Seat Cl	ass: N/A		* - · · · · · · · · · · · · · · · · · ·
			Speed: 549 SH			
			Performance L			
8.	-	_	•			e was performed in
-	e with all	specified r	equirements de	tailed in the co	ontract a	nd/or purchase
er.				3 80 80 0	bess	
narks Its given a	re at 30% TE	BO on sliding so	ale			
ito given ai	16 at 50 /6 11	DO ON SHAING S	Jaic.			
£1		T	ATI	Test Cell Stan	np	Class 4 Stamp
æpt:⊠	Fail:	Accept N	CR No. 233	i se se se proceso e se	10.3	ATI 4 197



Airworthiness Directives PT6A

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

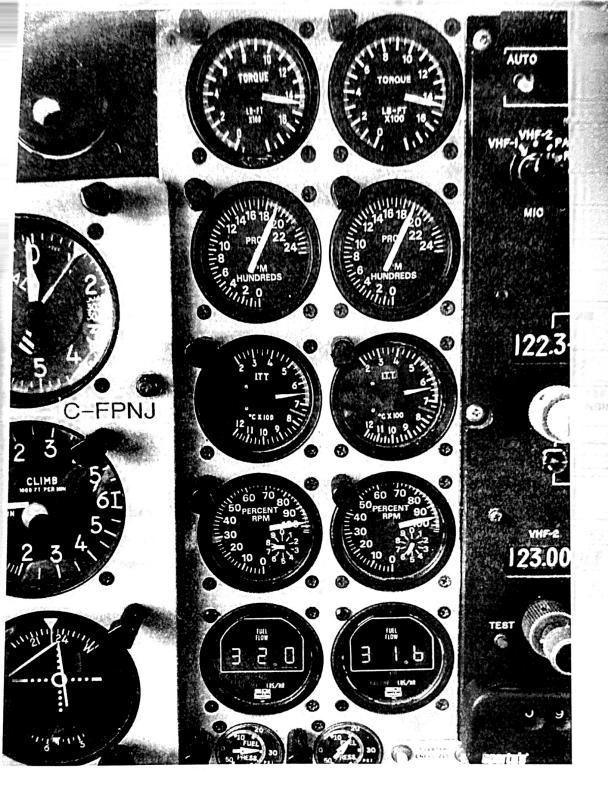
Country	AD No.	Description	SB's	Status
USA	75-06-01	P.T. CONTAINMENT	1138 and 1220 and 1216	PREVIOUSLY COMPLIED WITH
USA	75-11-04	INSTALLATION OF CHIP DETECTOR		COMPLIED WITH THIS VISIT
USA	80-08-12	FUEL PUMP COUPLING	1316	PREVIOUSLY COMPLIED WITH
USA	90-12-05	ENGINE FAILURE		N/A TO ENGINE SERIAL NUMBER
USA	92-15-11	P3 DELIVERY LINE (FILTER)	9	N/A TO INSTALLATION
USA	97-04-12	2 BOV 1538		COMPLIED WITH THIS VISIT
USA	2002-23-13	EXHAUST DUCT	1610	COMPLIED WITH THIS VISIT
CANADA	CF-78-03	2 nd 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	Stamp	Date	***
R. CADIEUX	ATI 4 187	FEB 0 1 2005	

	DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		OF WORK PERFORMED— E NO. OF PERSON PERFORMING WORK	ř
					TOTALS brought forward from pre	evious page	
	PIPER (CHEYENNE:	C – FPNJ	Serial #: 3	11T- 7620008 TTAF: 8,095.5	TCSN:6,970 13 March 2008	
	LEFT H	AND ENGINE	- Power Secti	on S/N: 40111	1 – 100: Time Since New = 31000.6	Cycles Since New = 54582	-
					Time Since Overhaul= 134.3	Cycles Since overhaul = 93	- 4
	— Gas G	enerator S/N:	50903 Time	Since New =	22516.2 Cycles Since New = 42041		
1					Time Since Overhaul= 1228	.7 Cycles Since Overhaul = 874	
	Time F	Remaining to N	Next Hot Section	on Inspection	= 1052.8		- 1 - H
	Piper I	Events # 1, # 2	, #3 and # 4 ca	arried out IAW	/ Piper Service manual 50 Hour Inspec	ction Items complied with. Next due at	
			RY EVENT: – 1		on items complied with. Next due at 81	195.5 AF HRs. <u>EVERY EVENT 2 and 4:</u> 200	
		·			S NOT DRAINED! L/H Engine oil drain ha	is 100.4 hours remaining, Due at 8195.9	, k
1		EVENT # 2!		# 41 Oil Will	, 10, 5, 11, 11, 21, 21, 21, 21, 21, 21, 21, 21	, , , , , , , , , , , , , , , , , , , 	
Í	THE	MAINTENAI	NCE DESCRI	BED ABOVE	HAS BEEN CARRIED OUT IAW T	HE APPLICABLE STANDARDS	
	OFA	IRWORTHIN	NESS				
		Vores					
	Fran	k R. Nosewo	orthy	M3725	555 19 March 200	8	. 1
	-		* /				
							1
	15 LCS	TU OF	AAL	wo.#	20749:		* # * * * *
241	I-A.W	MAK	UFACTY	REK'S N	1ANUAL - 300 HOU	UK INSPECTION OF	= 1
						Elipeen oic FILTEK-	5.3
				1 8	1 1	FUEL PUMP OUT-LET 1	
REMARK	D, BRUSH	TO POP	AetO,	SPLINES	CLEANED & LUBRIC	CATED - STAFTER GENUR	ATOK
Raiovo	VI REPAI	LED &	REINS	Mich	TITHE MAINTENA	NEE DESCRIBED	
TIRW	OPTH'N	ESI	- 7	Joseffe	M372555		
			3				
		50.00					
		g dags			SUB-TOTALS this page	346	
		E STATE OF THE STA	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		TOTALS—Carry forward to next	page .	

	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIG	DESCRIPT NATURE & CERTIF	ION OF WORK		
				TOTALS brou	ight forward from	n previous page		
ATLANTI	ATLANTIC TURBINES			P.O. Box 150,	s Internationa Summerside, PE C1N 4P6	AMO No. 3-92 P (902) 436-1333 F (902) 888-2999		
Manufactu	irer	N	Module Descrip	otion	Model/Build S	pec.	Serial Nu	mber
	P&WC GAS GE		GAS GENERA	TOR MODULE	PT	6A-28		50903
TSN	TSO	*1	SR	TSHSI	CSN	cso	CSR	CSHSI
22381.9	9 10	081.4	0.0		41948	770	0	
CT Vane		Vane		iG -	1	T5	1	SFC
5.68 Remarks:		5.78	36	958	K Servasi	655	_ P =	0.610
Regulatio			he work perfor	cordance with t				nt Canadian Avia
Authorize	d Inspector		S	ignature	are time agone, and	Stamp	ATI	Date
A Turney L	R. Ca		S		ud Cad			
A Turney L			S		The first Laboratory Services		ATI	PEB 0 1 2005
· ·	R. Ca		S		The first Laboratory Services		ATI	
A Turney L	R. Ca		S		The first Laboratory Services		ATI	
· ·	R. Ca		S		The first Laboratory Services		ATI	
· ·	R. Ca		S		The first Laboratory Services		ATI	
· ·	R. Ca				The first Laboratory Services		ATI	
· ·	R. Ca		S		The first Laboratory Services		ATI	
· ·	R. Ca		S		The first Laboratory Services		ATI	
· ·	R. Ca		S		The first Laboratory Services		ATI	
A Turney L	R. Ca		S		The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Tables	R. Ca				The first Laboratory Services		ATI	
A Turney L	R. Ca				The first Laboratory Services		ATI	
	R. Ca				The first Laboratory Services		ATI	

TOTALS—Carry forward to next page



PIPER CHEYENNE SERVICE MANUAL

	GRO		ADJUSTMEN	IT CHECK SH	EET			
NOMINAL SETTINGS		4	AIRCRAFT NUMBER					
IDLE (Ng) - 52% MIN. IDLE ITT - 660°C MAX. OIL PRESSURE - 40 PSI N 80 TO 1	IIN. (IDLE)	F)	ENGINE NUMBERS L. R. MECHANIC					
OIL TEMP 0°C to 99°C FUEL PRESSURE - 15 to 35 psi MAX. PROPELLER SPEED - 2200 RPM REVERSE MAX. POWER - 200 HP MAX. GAS GENERATOR SPEED - 97.1% (PART POWER TRIM STOP CONTACTED.)			DATE	· b _r			7 8	
					MBIENT CONDIT	IONS		
			PRES	SURE ALTITU	DE		FT	
-1999	ie e	оитя	IDE AIR TEM	IP	<u>8</u>	°c		
ADJUSTMENT SETTINGS	LEFT ENGINE	RIGH		PART POW	ER TRIM CHECK	LEFT (1) ENGINE	RIGHT (1) ENGINE	
FORWARD DEAD BAND	IN.	_	IN.	TORQUE		FT-LB	FT-LB	
2000 RPM TORQUE SETTING	FT-LB	-	FT-LB	ITT		~°c	~°c	
ІТТ	°c	_	°c	C DATA PLATE SPEED CHECK				
IDLE SPEED (Ng)	%	-	%	13	355	1225	1726	
REVERSE DEAD BAND	IN.	-	IN.	TORQUE _	FT-LB (2	1335 FT-LB		
REVERSE MAXIMUM POWER	RPM	_	RPM	FUEL.FLO		360 LBS/HR	366 LBS/HR	
	FT-LB		FT-LB	Ng/DPS _	.996 12	1443	94	
MAXIMUM PROPELLER SPEED	RРМ		RPM	ιπ _	670 °c 12	640 °c	625 %	
NOTES 1. INDICATED INSTRUMENT R 2. APPLICABLE CURVE READ				REMARKS				

Chart 8-1. Ground Adjustment Check Sheet (PA-31T)

3. Certification Ref No.

79037



4, Organ	ATLANTIC TURBINES	ATLANTIC TURBINES IN P.O. BOX 150, SUMMER			5. Work Order/Contract/Invoice 24-18300	9	1
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
							,
					1 12		
				3 .			
		*			1 1 1		
		1 1 1 1		7 3			- 1
	•			7, 8			
				2.00			4
40.0		the same					19
13. Rema	-OVERHAULED I.A.W. P&WC OVERHAUL MANUALS P/N 3 -MATED TO GAS GENERATOR (REPAIR) 50903 AND TEST	3013243R23 AND OTHER APPROVED DA	TA.			Appro	vals: SA.145.7014
	PS (40111): TSN: 30866.3 CSN: 54486 TS0: 0.0 CSO: 0		MENIS.			iso	No. 95763
	PS (40111). 1314. 30000.3 CSN. 34400 130. 0.0 CSO. 0	' 1 8 , Marie					AR No. 1-B-347 ith Africa No. 849
						Ken	ya No. K/A1/8/10
		W-19-4					
		: Work Performed IAW JAR 1 Maintenance Release under FAI					V
14-Certif	ies that the items identified above were manufactured in confor	rmily to:	✓ CA	R 571.10 Mai	ntenance Release		
	Approved design data and are in condition for safe o	peration.	⊘ Otl	her regulation	ns specified in block 13.		
	Non approved design data specified in block 13.		s that, except v k 13 was perfor	vhere otherwise med in accorda	specified in block 13, the work identification in specified in block 13, the work identification is specified in block 13, the work identification	d in block 1	12 and described
15. Autho	orized Signature 16. Cortific	cate/Approval Ref. No. 20. Authori	zed Signature		21. Certificate/Ap	•	No.
-		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		16		3-92	
17. Name	18. Dato	22. Namo	Donnie Ga	llant	23. Date	01-Fe	b-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.

(2001/2001)

Printed:2/1/2005 9:14:18 AM

Page 1 of 1

ENGINE SERVICE AND

DATE			VERHAUL	NOTE: USE	INSTALL BOTH PAGES AND	ATIONS, INSP		
	HRS.	MIN. H	RS. MIN.	NOTE: USE			AS REGOINED	FOR COMPLETE
ROUGHT FORWARD	Je Nadalika e i	-						
ATLANTI	C TU	RBINES	Atl	lantic Turbin P.O. Box 150 Cana	P (9	AMO No. 3-92 P (902) 436-1333 F (902) 888-2999		
Manufactu	rer		Module Descr	iption	Model/Build S	pec.	Serial Num	ber
-	P&WC	1 4	POWER	R SECTION	PT	6A-28		40111
_ TSN 30866.	TSO	0.0	TSR -	TSHSI	CSN 54486	cso	CSR	CSHSI
CT Vano		T Vane		NG		T5		SFC
Remarks:	4							-Parestangera
Regulation	duct has be ons. Pertine		the work per	accordance wi formed are on fi Signature	th the manufactur	rer's requiremender work order	24-18300	Date
	D. G	allant		1	Jall			FEB 0 1 2005
Q-Form 0	64 (2003-06	-19)						
		-	- A B x - 4	F 7 1 8 *		- 2		
				A Reserve				
				A 40000	•			
				A 40 10 10 10 10 10 10 10 10 10 10 10 10 10	•			
					•			
					•			
				CARRIED	FORWARD			
AL THIS PAGE				CARRIED				
AL THIS PAGE	1			CARRIED				

ATLANTIC TURI	BINES	PT6A Life Limited Parts History Log					Atlantic Turbines International Inc. P.O. Box 150, Summerside PEI Canada, C1N 4P6 AMO No. 3-92		
Sas Gen. Module Serial No.		Gas Gen. Module			Gas Gen. Module CSN			n. Module	Work Order No.
50903		22381.9		41948			24-18	3300	
ower Module Serial No.	- 1	Power Module TSN		Powe	r Module CSN		Power	Module Wo	rk Order No.
40111		30866.3		54486			24-18	3300	
Engine Model		Status		Servi	Service Bulletin/Rev.			PEB 0 1 2005	
Part		Overhaul	Serial				CSN FC		Total CSN Accumulated
Description Ist Stg. Compressor	REC	Number Not Accessed	Numbe	er	6	P 0		-	Accumulated
Hub	INS	Not Accessed	9						
2 nd Stg.Compressor	REC	Not Accessed	1				-		
Disk	INS	Not Accessed				+			
3 rd Stg.Compressor	REC	Not Accessed							
Disk	INS	Not Accessed	,						
mpeller	REC	Not Accessed	1					5 1	2 2 2
	INS	Not Accessed			4				4 1 1
CT Disk	REC	Not Received				i.			
	INS	3013411	A9284		-	114	22	1.0	11422
PT Disk	REC	3022412	97A987		2924.2	582	8	1.0	5828
	INS	SAME	7	7.2	5			2 - 2	-

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 AIRCRAF.

Aircraft Sales • Parts Sales • Service • Hangar Storage

LIFED PARTS SUMMARY

DATE:

07-Feb-98

PT6A-28

ENGINE

ENGINE TSO:

39.3

ENGINE: CUSTOMER:

L/H GAS GENERATOR C-YYTK

ENGINE S/N:

PCE50903

ENGINE CSO: ENGINE TTSN:

20.0 21,339.8

WORK ORDER:

ENGINE TCSN:

41,198.0

STATS @ TAT: @ TAC: 6,902.1 6,149.0

DESCRIPTION	PART#	SERIAL #	TOTAL PART	TOTAL PART	REMAINING	REMAINING
			HOURS	CYCLES	HOURS	CYCLES
		T		19,000.0		[-
HUB ASSY	3013411	4Y916		19,000.0		
				7,479.0	· ·	11,521.0
DICC COMPD	2042740	47000		24,000.0	property of the second	
DISC. COMPR. 3013712 STAGE 2		1X232		7,479.0		16,521.0
DISC. COMPR. 3011713 STAGE 3		4540		25,000.0	3	7 - 1
		4512		18,706.0		6,294.0
DISC COMPR	SC COMPR 3013411		15,000.0	16,000.0	age and the second second second second	
DISC. COMPR. 3013411 TURBINE		24A532	3,058.7	6,974.0	11,941.3	9,026.0
	9	4		18,000.0		J. J. J. 1
DISC. POWER TURBINE		SEE ATTACHED				
				19,000.0		
IMPELLER	3013176	8D661		7,479.0		11,521.0
CT BLADES		*	LAST O/H:	TURBINES INC	DEC 8/97	
COMPONENT			MODEL			TSO
UEL CONTROL	UNIT		2524435		A7067	39.3
NGINE DRIVEN			025323-101		2671 ~	39.3
UEL-OIL HEATE		4	10552		3056	39.3
COMPRESSOR E			'3100824-3	3.77	A1064	39.3
UEL TOPPING			SEE CSU		4	
START CONTRO	L		3019109		7401	39.3
SINCE HSI						39.3
UEL NOZZLES			0200		4	39.3
NGINE OIL			2380			39.3
NGINE OIL FILT			10 201550 4			39.3
GNITION EXCITE		The second of th	10-381550-1		010551001	U/K
CONSTANT SPEE			8210-003		2165513R1	281.5
TARTER GENER	KATOK		23048-001		7032H	381.5
ROPELLER	ערנאוסט		HB3TN-3B		BU9707	531.1
OVERSPEED GO	VERNOR	erent in the common the forest and common to be a first order to deep the deep	210598	A	1287767K	381.5

Tel: (403) 288-3305

Fax: (403) 247-6846

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
		334.8		TOTALS brought forward from previous page
100 26/17		3340	Ē	
	46.8	381.6		+ 34 cycles. 242 cycles ToTAL.
*				EVENT #3 50 HR INSPECTION
				CARRIED OUT.
2				SI. MACSYMIR M360820
MAN 9 /00	64.4	446.0		+45 cycles 287 cycles TOTAL.
, , ,		,		EVENT #4 50 HA INSPECTION
		*		CARRIED out. High PRESS FUEL
	3			FILTERS REPLACED.
<u>.</u>	e	2	4	SI. MACSYNIE M36082
Ine 29/00	47.4	493.4	1000	+26 cycles. 313 TUTAL Cycles.
* * * * * * * * * * * * * * * * * * *	· · · · ·			EVENT # 1 50 HR INSPECTION
-				CARRIED OUT
-			*	S.J. MACSYMIX M360820
EPT 8/00	50.1	543.5		+36 cycles. 349 TOTAL cycles.
		1 1000		EVENT #2 50 1+12 INSPECTION
	· ·			CARRIED OUT. 5/6 INSPECTION
	5			CARRIED OUT.
			i Pr	SJ. MACSYMIC M360520.
Feb 14/01	(8 g	6023	: :	+410 1- 200 TII Coole
re6 17/01	30.0	ديران		Event #3 50 hr Inspection Carried out.
				5.5. M.S M360820
			* 9	CUR TOTAL S this page
į	-	602.3		SUB-TOTALS this page TOTALS—Carry forward to next page

SUB-TOTALS this page

TOTALS—Carry forward to next page

939.6

check, heater fuel pump filter replaced.

Heater fuel solenoid value checked.

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
			,	4 engine items listed on special
,				inspection sheets.
				+15 cycles. Total cycles = 658
		y 62.		S.J- MacSymie
,			,	AMO 07-02
\$ C				
April 03/03	36.9	976.5		Event #2 50 Hr inspection completed as
		3.0		per Westpoint maintenance schedule
			V. N. S. a	+ 25 cycles . Total cycles = 683
				5.J- MacSymic AMD 07-02
June 24/03	49.4	10259	9	1000 Hr inspection items carried out %
	r	2		of 4 starter generator. Operational
		<u>.</u>		checks on tach generators. P3 air
4				filters found remaind. Oil filter replaced
			, , · [†] ()	on Hengine.
				+43 cycles. Total cycles - 726
1	, A.,	1 ,0		S.J. MacSymic AMO 07-02
£		in the second		
June 25/0	3 1.1	1027		Front #3 50 Hr insportion completed as
		2	*	per Westpoint maintenance schedule.
<u>.</u>		5 3 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100 Hr items complied with 200 Hr
7 1 8	e a			items completed.
			.,	+ 2 cycles. Total cycles = 728
i k			3	S.J. MacSymic AMO - 07-02
B y v				V
Sept. 1/0	23.2	1050.2	,	+21 CYCLES, TOTAL CYCLES 749
520730/3	ø	1050.2		BOTH PROPERLETES REMOVED FOR 0/4
		1	4	SUB-TOTALS this page
1		p 124 6	r av.	TOTALS—Carry forward to next page

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TOTALS—Carry forward to next page

Atlantic Turbines International Inc. P.O. Bos 150, Summerside, PEI Canada CIM 4P6 PawC GAS GENERATOR MODULE PT6A-28 PF (1902) 435-1333 F (1902) 888-2999 Manufacturer Module Description PAWC GAS GENERATOR MODULE PT6A-28 Serial Number PT6A-28	DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIG		TION OF WORK				
Manufacturer PAWC Module Description GAS GENERATOR MODULE PT6A-28 Serial Number So9993 TSN TSO TSN TSO TSN TSO TSN TSN TSO TSN					TOTALS brou	ght forward fror	m previous page				
P&WC GAS GENERATOR MODULE PT6A-28 50903 TSN TSO TSR TSHSI CSN CSO CSR CSHSI 22381.9 1081.4 0.0 - 41948 770 0 0	ATLANTIC	T TU	RBINES	P.O. Box 150, Summerside, PEI					P (902) 436-1333		
TSN 22381.9 1081.4 0.0	Manufactur	er		Module Descrip	tion	Model/Build S	pec.	Serial Nu	ımber		
22381.9 1081.4 0.0 - 41948 770 0 - 585		P&WC		GAS GENERA	TOR MODULE	РТ	6A-28		50903		
CIVANE PT VANE NG 15 SFC 5.68 15.78 36958 1655 0.810 MSPECTED AND REPAIRED GAS GENERATOR MODULE FOR TIME CONTINUED REPAIR I.A.W. P&WC MANUALS P/N 3013242P P/N 30132434724 AND OTHER APPROVED DATA. MINSTALLED 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 Avia Regulations. Pertinent details of the work performed are on file at this agency under work order 24-18300. Authorized inspector Signature R. Cadieux Q-Form 064 (2003-06-19) Date FEB 0 1 2005		. 1		4 700	TSHSI	B	at the second second		CSHSI		
Remarks:					•	41948		0	SEC		
INSPECTED AND REPAIRED GAS GENERATOR MODULE FOR TIME CONTINUED REPAIR I.A.W. P&WC MANUALS P/N 3013242P.PN 3013243R24 AND OTHER APPROVED DATA. INSTALLED SERVICEABLE CT DISK PN 3013411 SIN A0284. INSTALLED SERVICEABLE CT DISK PN 301341 SIN A0284. INSTALLED SERVICEABLE CT DISK PN 3013411 SIN A0284. INSTALLED SERVICEABLE CT DISK PN		8 4	1 900-			1					
		Inspector	t		gnature	0		(ATI			
	Q-Form 064	(2003-06-1	9)		St. 2 Harmone agency and	- constitution					
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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	4
			1 4 2	TOTALS brought forward from previous page	
PIPER CHE	YENNE: C-	FPNJ	Serial #: 31T-	7620008 TTAF: 8,095.5 TCSN:6,970 13 March 2008	
LEFT HAN	D ENGINE - F	ower Section	S/N: 40111 – :	100 ; Gas Generator S/N: 50903	0 0 0
The Follow	wing ENGINE	AIRWORTHINE	SS DIRECTIVES	S have been complied with:	
1.		– PT6A Engin		ection of turbine Exhaust Duct. – Inspected IAW paragraph B, 2, (a) . No rs TIS.	
				- 47. <u>TERMINATED</u> 	1
	<u>CF - 78 - 03</u> -	- Modification	s – L/H Engine	e, Para 2 (SB1248) and para 6 (SB 1220 complied with 01 Feb 2005. R/H	
5.				20) complied with 15 June 1990. <u>TERMINATED</u> ircraft type/model number. <u>TERMINATED</u>	
6.	<u>CF - 76-25</u> -	Superseded by	CF - 78 - 03	TERMINATED	
				5. <u>TERMINATED</u> . <u>TERMINATED</u>	
9.	CF - 69 - 17F	R1 – Supersede	ed by CF – 80 -	- R1. <u>TERMINATED</u>	
- 10.	<u>CF- 69 – 15</u> –	Superseded b	y CF – 80 – 14	. <u>TERMINATED</u>	*
THE MA	AINTENANC	E DESCRIBE	D ABOVE H	AS BEEN CARRIED OUT IAW THE APPLICABLE STANDARDS	
OF AIR	RTHINE	\$6			
X	1)	1			* *
	& assura				
- Frank F	R. Nosewort	thy	M37255	19 March 2008	
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2 Junb		1228.7		C.S.D = 875 - THE WORK DESCRI	BOD B
2542		1228.7		C.S.O = 875 - PIPER EVENT # 4	CORPU
HE 51	METEK (CENERA		ERIED OUT - DIE PRAINED & REPLENISHED.	4
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		>		PRIED OUT SERVICE ABLE - STAPTER	
15-INST	ALLED ,	CAW. M.	ANUFAC	MACKS MAINI MANUAL - # 1 ENG ITT	INDIC
ABOUS	HUS B	an co	erin	OUT J.A.W. THE APPLICABLE STAND) ALDS
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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
			05.		TOTALS brought forward from previous page
			C – FPNJ		11T- 7620008 TTAF: 8,095.5 TCSN:6,970 13 March 2008
	LEFT HA	AND ENGINE	- Power Secti	on S/N: 40111	L – 100: Time Since New = 31000.6 Cycles Since New = 54582
					Time Since Overhaul= 134.3 Cycles Since overhaul = 93
	Gas Ge	enerator S/N:	50903 Time	Since New =	22516.2 Cycles Since New = 42041
	-				Time Since Overhaul= 1228.7 Cycles Since Overhaul = 874
	Time Re	emaining to N	lext Hot Section	on Inspection	= 1052.8
	Piper E	vents # 1, # 2,	, #3 and # 4 ca	arried out IAW	Piper Service manual 50 Hour Inspection Items complied with. Next due at
		-	RY EVENT: – 10 ns complied w	1	on items complied with. Next due at 8195.5 AF HRs. <u>EVERY EVENT 2 and 4:</u> 200
		ue at 8295.5 <u>E</u> :VENT # 2!	EVERY EVENT	# 4. OIL WAS	NOT DRAINED! L/H Engine oil drain has 100.4 hours remaining, Due at 8195.9
	THE	MAINTENAN	ICE DESCRI	BED ABOVE	HAS BEEN CARRIED OUT IAW THE APPLICABLE STANDARDS
		\ ^			
-	OF All	RWORTHIN	ESS		
•	OF All		ESS		
		Joseph		M2725	19 March 2008
				M3725	555 19 March 2008
		Joseph		M3725	555 19 March 2008
	Frank	R. Nosewo	orthy		
	Frank 15 L(S)	R. Nosewo	orthy AAL	wo.#	20749;
	Frank 15 L(S) 1- A.W	R. Nosewo	AAL UFACTY	WO:#	LO749; ANUAL - 300 HOUR INSPECTION OF
00	Frank 15 L(S) 1-A.W PAINED	R. Nosewo	AAL WFACTY	WO:# KK'S N WSPECTE	LO749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN DIC FLUTEK-PRAN
00	Frank 15 L(S) 1-A.W PAINED	R. Nosewo	AAL WFACTY	WO:# KK'S N WSPECTE	LO749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN DIC FLUTER-PRAN
0 D.	Frank 15 L(S) 1-A.W PAINED MAN IN	R. Nosewood R. R. R. Nosewood R. R. R. Nosewood R. R. R. Nosewood R. R	AAL UFACTY SUMPS, S	WO:# REX'S N ENSPECTE CLEMN	LO 749; 1 ANUAL - 300 HOUR INSPECTION OF 10 CHIP DEGECTOR, REPLACED OIL FLUTER-PEAN 20 FRE-INSTALLED-FUEL PUMP OUT-LET FILTE
0 0. - P HAR	Frank 15 LIST 1-A.W PAINED UMP IN 10, BRUSH	R. Nosewood R. Nosewood RAD RGB S LET SE	AAL UFACTY UFACTY SUMPS, S CRUZN CRUZN	WO: # REX'S N ENSPECTE CLETTH	LO 749; 1 ANUAL - 300 HOUR INSPECTION OF 10 CHIP DEGRECTOR, REPLACEN OIC FLUTER-PRANTED & FRE-INSTALLED-FUEL PUMP OUT-LET FILTE CLEANED & LUBRICATED - STREET GENERATOR
O D. - P. EMAR EMOVI	Frank 15 LIST 1-A.W PAINED UMP IN 10, BRUSH	R. Nosewo	AAL UFACTY UFACTY CRIZIU ARENO, S	WO: # REX'S N ENSPECTE CLETTH SPLINES	LO 749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN OIC FILTER-PFANI ED \$ RE-INSTALLED - FUEL PLANT OUT-LET FILTE CLEANED \$ LUBRICATED - STRETCH GENERATOR TO THE MAINTENANCE DESCRIBED
O D. - P. EMAN DUON	Frank 15 L(S) 1- A.W PAINED WASP IN D. BRUSH N, RUPAI	R. Nosewo	AAL UFACTY UFACTY CRIZIU ARENO, S	WO: # REX'S N ENSPECTE CLETTH SPLINES	LO 749; 1 ANUAL - 300 HOUR INSPECTION OF 10 CHIP PERSONER, REPLACEN OIC FLUTER-PFAN 20 FRE-INSTALLED-FUEL PLANT OUT-LET FILTE CLEANED & LUBRICATED - STRETCH GENERATOR
D D. - P EMAN DUON	Frank 15 L(S) 1- A.W PAINED WASP IN D. BRUSH N, RUPAI	R. Nosewo	AAL UFACTY UFACTY CREEN ARENOS	WO: # REX'S N ENSPECTE CLETTH SPLINES	LO 749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN OIC FILTER-PFANI ED \$ RE-INSTALLED - FUEL PLANT OUT-LET FILTE CLEANED \$ LUBRICATED - STRETCH GENERATOR TO THE MAINTENANCE DESCRIBED
O D L P EMAN DUON	Frank 15 L(S) 1- A.W PAINED WASP IN D. BRUSH N, RUPAI	R. Nosewo	AAL UFACTY UFACTY CREEN ARENOS	WO: # REX'S N ENSPECTE CLETTH SPLINES	LO 749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN OIC FILTER-PFANI ED \$ RE-INSTALLED - FUEL PLANT OUT-LET FILTE CLEANED \$ LUBRICATED - STRETCH GENERATOR TO THE MAINTENANCE DESCRIBED
DO DI EMMO EMMO DO DO	Frank 15 L(S) 1- A.W PAINED WASP IN D. BRUSH N, RUPAI	R. Nosewo	AAL UFACTY UFACTY CREEN ARENOS	WO: # REX'S N ENSPECTE CLETTH SPLINES	LO 749; ANUAL - 300 HOUR INSPECTION OF O CHIP DEGECTOR, REVLACEN OIC FILTER-PFANI ED \$ RE-INSTALLED - FUEL PLANT OUT-LET FILTE CLEANED \$ LUBRICATED - STRETCH GENERATOR TO THE MAINTENANCE DESCRIBED

DATE TOTAL TIME IN SERVICE		E TIME SINCE		TACH OR ECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK						
				e in P	TOTALS brought forward from previous page						***
r. 13115 22	.,5:(9. 8	1219	3		OWED 6	CCTION	CUB A	SCRAIN S	VINCODM	4.710	
Applicability	: PT6A-2	8 Engin	es		OWERS	ECHON	SUB-A	SSEMBL	Y INFORM	A110	
Power Section:	PT6	6A-28	OEI exc	.: T.S.N.:	TTStarts:	CSO	T.S.O.:	W/O:		we recent	,
A/C:	C-l	FPNJ	0	22,519.8	42,043	865	1219.3	Date:	Apr.13/15		
			1					Signature:			-
Description	7	Number	Serial Number	<u> </u>	Consumed	K-oday Hiradova	Limit	T.S.N.	T.REM.		1
Gas Gen	301500		P50903		TSO-1219.3			N/A	N/A		
P/Section	301334		-PS40111	1	TSO-137.9	CSO-95		N/A	N/A		
st Stage Disk	301341		4Y916	7479		10,718	19,000	N/A	N/A		
2nd Stage Disk	301371		1X232	7479		15,718	24,000	N/A	N/A	Providence of the Control of the Con	
Brd Stage Disk	301171		4512	18706		5,491	25,000	N/A	N/A	<u> </u>	
mpeller	301317		8D661	7479		10,718	19,000	N/A	N/A		
C.T Disk	301341	1	A9284	11422	95	4,483	16,000	N/A	N/A		
Description	Part N	Number	Serial Number	Previous Cycles	Consumed	Remaining	Limit	T.S.N.	T.REM.		
st Stage PT Di		2	97A987	5828	95	14077	20000	3062.1		and the state of t	
CT Disk Blades	N/A		N/A	1							
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Airworthiness Directive Compliance Record

75-06-01 04-01-77	Gear box deterioration		
Method of Compliance:	N/A by previously co	mplied with	Due Next: N/A
75-11-04 05-20-75	Reduction gear box er	ngine distress	
Method of Compliance:	N/A by previously co	_	Due Next: N/A
80-08-12 04-18-80	Fuel pump drive coup	ling splines	
Method of Compliance:	N/A by previously co		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	24 A 1.10様でで種
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 S	Sun gears	
Method of Compliance:	N/A by P/N		Due Next: N/A
11-25-12 12-28-11	Sun Gears		CSTE HIST.
Method of Compliance:	N/A by P/N		Due Next:N/A
14-11-05 08-05-14	Reinforcement liner to	o the power turbine (PT)	
	containment ring and,	for certain	
Method of Compliance:	PT containment rings,	adding scallops	
Pratt & Whitney	P&WC Service Bulle		Due Next:N/A
PT6A-28 PCE 50903			
N70EA R/H #2			
Prepared by Desceno BA	J. 64 320.22	Date: 11-18-18	Hobbs 2355
Prepared by Season Bath		Date: 5-31-19	Hobbs 2335.7
Prepared by Daw Field	350 3577	Date: 7-19-19	Hobbs 23-18-1
Prepared by Balo		Date: 12-16-19	Hobbs 3677.1
Prepared by		Date:	Hobbs
Prepared by		Date:	Hobbs
P			

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 PN 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 14th, 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

556.0

HOBBS:

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), 37and 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 PSIA 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 IA 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

DODOWN BOLOST

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		ESCRIPTION OF WORK PERFO & CERTIFICATE NO. OF PERSON F	
				TOTALS brought forw	ard from previous page	
		N550BH			Date: 06/26/2020	
		Engine: P&V	V	M/N: PT6A-2	S/N: PCE-50903	
		Hobbs: 754.	6	TSN: 24,722.4	TSHIS: 1,062.4	
		Installed and	nine on NEFOR			
			gine on N550B Hour Inspect		-	
				checked fuel nozzles fror	n Prime Turhines	
	4			oump 51076-1, generator		
	,				23048-021, Ring bleed case —	, A
				ir case 3029769, adapter		
				No metal found.		
				creen, cleaned & reinstall	ed.	
			ain fuel outlet): :
		Cleaned fire	wall filter.			
		Checked ign	iters.			
		Checked chi	p detector and	d screen. No metal found.	Appropriate (a. C. a. School C. Sandaniero	
2.		Cleaned P3 f	filter.			
		Checked bet				
				as been inspected IAW an		
		1		in an airworthy condition		
		Kana	More	h IA2870	1333 -	
		10011		,,,		
		NEEDOW	1	H The second sec		
		N550BH	214/	14/N 0TC1 0T	Date: 07/14/2020	
*		Engine: P8		M/N: PT6A-27	S/N: PCE-50903	
		110003.83	3.6	TSO: 3,521.1	TSHIS: 1,161.6	1.74
		CW 100H	our Inspection			
		1 =		r. No metal found.		
		Removed	main fuel inlet	screen, cleaned & reinsta	alled.	
		Replaced	main fuel outle	et filter.		4
		Cleaned fi	rewall filter.			1
		Checked ig				-
				nd screen. No metal foun	d.	
-		Cleaned P	3 filter.	Benjam M Welt 3	1318075 110	
		Checked b	eta block.	11 1000 ×	V. /V / / / /	harana na araa s
	¥		i			
- 1						
		N550BH	İ		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 100	Hour Inspection	on.		
		Cleaned	main oil strair	ner. No metal found.		
		Remove	d main fuel in	let screen, cleaned & rein	stalled.	
1000			d main fuel ou			a may a manage a
		Cleaned	firewall filter.			
	t en man her man han de de	Checked	igniters.	SUS-TOTALS has po		
- 1	Contrampos a	Checked	chip detector	and screen. No metal for	ınd.	

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE

TOTAL
TIME
SINCE
OVERHAUL

TOTAL
TIME
SINCE
OVERHAUL

TACH OR
RECORDING
METER
TIME
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page



Customer: WOODLEY AERIAL

Work Order:

Current Hobbs: Total Engine Times and Cycles as of: 1240.4

Total Engine Times and

7-Sep-21

Engine Total Time:

25172.2

Starts: Flights: 124 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

Cleaned P3 filter.

Component	Abb Cycle Factor	Fit Count Factor	Total Cycles For Period	Previous Cycles	Total Cycles	Cycle Life Limits	Cycles Remaining	Component Time
Hub, Compressor	a secondario a la	de montantement of the	*				A	
P/N 3013111	2	1	838	14766	15604	19000	3396	N/A
S/N 4Y916			2.5					
Disk, Comp 2nd	ga X	1			-			
P/N 3013712	2	1	838	19766	20604	24000	3396	N/A
S/N 1X232	K							
Disk, Comp 3rd	-	* *******						
P/N 3011713	2	1	838	9539	10377	25000	14623	N/A
S/N 4512	1							
Impeller, Cent.	2 × 12	- 1	*		i b			
P/N 3013176	2	1	838	14766	15604	19000	3396	N/A
S/N 8d661			2 2					
Disk, C.T.	2							e n Pun mine
P/N 3013411	4	1	481	7499	7980	16000	8020	N/A
S/N A9284								
Disk, P.T.	1					- /	L	
P/N 3022412	3.5	1	532	17093	17625	20000	2375	N/A
S/N 97A987	1	non-communication of the	4.5					
Blade, C.T.								N/A
P/N	- 10							

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

N550BH Date: 08/03/20 Engine: P&W M/N: PT6A-27 S/N: PCE-5090:	
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.	The second secon
Cleaned firewall filter. Checked igniters.	
 Checked chip detector and screen. No metal found.	

Checked beta block. Ben Walters A&P 3619075 Bys M NJW

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	The state of the s		N OF WORK PERFORMED— TE NO. OF PERSON PERFORMING WORK		
			TOTALS brought forward from previous page					
	-		N550BH			Date: 02/02/2022		
		-	Engine: P&	W M/N	: PT6A-27	S/N: PCE-50903		
			Hobbs: 124		3,907.7	TSHIS: 1,548.2		
				130.	3,307.7	13113. 1,346.2		
1.0		(CW 100/30	00 Hour Inspection.		, and a second		
				ooration cleaned, and flo		el nozzles.		
		-		ain oil strainer. No meta		-		
				nain fuel inlet screen, cl	eaned & reins	talled.		
-				nain fuel outlet filter.				
		-	Cleaned fire			<u>*</u>		
			Checked igr					
,	-	,	Cleaned P3	ip detector and screen.	ivo metal four	na		
			Checked be					
*				t this engine has been in	nsnected IAM	an annual inspection		
7			and was det	termined to be in an air	worthy condit	ion		
			V. SA	1 1 1 1	MAR O -			
	-		- KenMuch IA2879333					
	N - 100							
-		NE	50BH			Date: 04/40/2022		
	,	N550BH Date: 04/18/2023 Engine: P&W M/N: PT6A-27 S/N: PCE-50903						
		Hobbs: 1,496.4 TSO: 4,163.7 TSHIS: 1,804.2						
				155. 4,255.		13113. 1,004.2		
		CW	/ 100/300 Hou	r Inspection.				
				n cleaned, and flow che		eles.		
	,			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.						
				engine has been inspect	ad 18\4/ a.a. a.a.			
1				ed to be in an airworth		nual inspection ————————————————————————————————————		
		K	MM	Wh IAL	77733>			
				1	, ,,			
		N550BH			Date	2: 04/10/2024		
		Engine: P&V	W	M/N: PT6A-27		PCE-50903		
		Hobbs: 1,49		TSO: 4,163.7	100	S: 1,804.2 —		
		1.0003. 1,43						
	- ,	CW 100/300	Hour Inspect	ion.				
				nd flow checked fuel no	zzles.			
7				No metal found.				
		Removed m	ain fuel inlet s	creen, cleaned & reinsta	alled.			
		Replaced m	placed main fuel outlet filter.Cleaned firewall filter.Checked igniters.					
		Checked chi	ecked chip detector and screen. No metal found.					
	Carrier a comment		filter.Checked					
F 1				as been inspected IAW		ection		
1		and was det	termined to be	in an airworthy conditi	on.			
			KINN	MANCH				