PRATT & WHITNEY PT6A-42 SERIAL NUMBER PCE-93418 LEFT ENGINE

N305EL S/N BB-947



				1	1	
	The company of the co	and the second s				
	and the first of the first following in the annual contract the states followed with the first following the conductive of the states of the first following the states of	okka myt ymin ny Umbri gita i www.estron.estrondomytiforenteristronteristront.			The transfer of the same of th	
					-	
1 10						
	ellet i len gen i sa <mark>samming engleng kalan nasakanak</mark> an sekka an se ^k a an semelah nashasa kan nasikasakan sekasa alah malah sekasak	rechanges and the Colombia				
	nd not what he we said the company the property of the company to					
	The second section of the second seco				The state of the s	
		ENGINE LOG		-		
1.	Make	P+WC PT6A-4Z	and the state of t		1.00	
2.	Model	PT6A-42				
3.	Specification					r noctor an advance
4.	Manufacturer's Serial Number	Pee- 93418				
5.	Date of Manufacture				A Committee of Committee and Committee	:
6.	Aircraft Inspection Cycle		w Verse			_

ENGINE SERVICE AND

DATE	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS,
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD		- hav			
			Ray	theon A	Aircraft Services FTY FAA CRS ERYR682D
	T		_		viation Circle Atlanta Georgia 30336
	T N	500WF	BB-94	17 H	ourmeter: 4111.1 AFTT: 5658.6 AFTC: 4877 5/5/98
	Le	eft Engir	e SN: P	CE-934	18 TSN: 5620.6 TSO: 2618.3
	+ ,	Comp	latad a E	Dhaca 1	through 4 Inspection in accordance with the Raytheon
		Aircra	ft King A	Air 200 S	Series Maintenance Manual PN 101-590010-19A41.
	_	Install	ed a nev	v P3 filte	er PN 3029267.
-	3.	Install	ed two n	ew ignit	ors PN CH34055.
3 8	Т	his Powe	erplant ha	as been	inspected in accordance with FAR 91.409 (F)(3) and was
	CC	onducted	accordi	ng to the	e Raytheon Aircraft King Air 200 Series Maintenance
					A41 most current approved inspection for a Phase 1
					l was determined to be in an airworthy condition. Details 1 number 11-04-22663.
	_ "	0 011 1110	under w	(
		Autho	rized Sig	gnature:	
20					0
	-				
				2.5	
	-		Ray	theon Ai	ircraft Services FTY FAA CRS ERYR682D viation Circle Atlanta Georgia 30336
	-				20.40.00
	- N	1500WF	SN BB	3-947 H	ourmeter: 4158.8 AFTT: 4158.8 02-13-99
	- 1	Inctalle	ad 2ea ne	ew left er	ngine ignition cables P/N 3111275-01.
	3	Damos	ved left e	naine ex	citer P/N 10-381550-1, S/N 13245 and installed ——ee P/N, S/N BAI10430F.
	Т	This Aircr	aft was re	epaired a	and inspected in accordance with current FAA regulations or return to service. Details are on file under work order
	a	and found	to be aii 11-04-244	rworthy to 410	or return to service. Details are on the
	,		thorized		e: Mar Date: 02-13-99
	_		MIONZOG	0.9.,	
	_				· ·
	_				
			1		
				С	ARRIED FORWARD
TAL THIS PAGE					
TOTAL FROM					
TOTAL					
		1			

WOLIKERALD

	NRS, ADJUSTMENTS, MODIFICATIONS Line through any unused lines in date a	AND TIME COLUMNS, SIGNATURE	LICENCE
/			
Pov	theon Aircraft Services FTY FAA CRS	- EDVD602D	
nay	3992 Aviation Circle Atlanta Georg	the state of the s	_
- NEONAE DD O			
N500WF BB-9 Left Engine SN: PC		781.1 Date: 4-3-2000 2740.8	
1. Performed a C	omplete Inspection in accordance with	the Raytheon Aircraft King	
Air 200 Series	Maintenance Manual PN 101-590010-19	9B3. —	* * * * * * * * * * * * * * * * * * *
	400 hour/Fuel nozzle flow check and insion exciter box PN 10-381550-1, SN BAI	The state of the s	8 C
	dified unit PN 10-381550-1, SN 4209		
by AlliedSignal	Aerospatiale Canada Inc., St-Laurent, C		
	52156000 dated 10-14-1999.	-	
	er inboard engine mount bolt. Performance Recovery compressor wasi	h	
Adjusted flight	idle torque.	···	
	sample for analysis.		
This Powerplant ha	as been inspected in accordance with FA	R 91.409 (F)(3) and was	
PN 101-590010-19	g to the Raytheon Aircraft King Air 200 S 33 most current approved inspection for	a Complete Inspection —	
	to be in an Airworthy condition. Details		
order number 11-04	-26995.		
Authorized Signatur	e: Meral H Terramore	Date: 4-3-2000	n
_ Admonized Oignatur	o. H. Carlos III Carlo		
TELIENIO ALI	ATION		-1
TEVENS AVI	AHON		
102/04	N500WF SN BB-947	ACTT 5814.7	
/23/01 eft Engine	S/N PCE 93418	HM 4267.2 TTSN 5774.8	
t Eligine	5/N T CE 23410	TSO 2774.4	1
		TCSN 6388	12 7
0.5 D C 1.DL 1.0.0	14 200 H	TCSO 2775	-
	and 4, 200 Hour Inspections using the Beech plugs. Checked starter/generator brushes. Ch		
	ne for F.O.D. Inspected and cleaned fuel and		
	nspected, cleaned and functionally checked of		
	of Sunstrand Fuel Pump. Ground run, leak a	•	
	ance Recovery Compressor Wash of Compre	essor and Turbine Wheel.	
1 S.O.A.P. sample taken.	r inspection and cleaning of fuel purge tank,	check valve and filter	
	target torque. Ground run and operational ch		· ·
	auto feather switch P/N 50-389121-19 S/N		
P/N 50-389121-19 S/N	12642. Ground run, leak and operational che	ecked satisfactory.	
	gine controls. Ground run and operational ch	hecked satisfactory.	
009 Installed a new starter/go		d maritim	<u> </u>
io instaned a new P/N 503	88133-15 rubber isolator mount top outboard	a position.	
ERTIFY THIS ENGINE H	AS BEEN INSPECTED IN ACCORDANC	CE WITH AN INSPECTION	-
	FAR 91.409(F) 3 AND <i>PHASE 1, 2, 3 ANL</i>		
	HE AIRCRAFT IS APPROVED FOR RET		

SIGNED TO STEVENS AVIATION, GREENVILLE, SC 29605, CRS VIBR368K

DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 04-20073.

SA-0505

DATE	TIME RUN	OVERHAUL		S, INSPECTIONS,
DATE	HRS. MIN.	HRS. MIN.	NOTE: USE BOTH PAGES AND AS MAN	17 LINES AS REQUIRED FOR COMPL
	STEVENS AVIATION IF	ıc.	•	
13	GREENVILLE, SC		N500WF SN BB-947	ACTT 5865.7
03/17/03				HM 4318.2
Left Engi	ne		S/N PCE 93418	TTSN 5825.8
2010 2.1.6				TSO 2825.4
				TCSN 6439 TCSO 2826
905 Perfo	rmed Phase 1, 2,	3 and 4, 200 Hour	Inspections using the Beechcraft 200	Hour Phase Inspection
Guide	e. Checked igniter	plugs. Checked s	starter/generator brushes. Replaced "o"	ring seal. Checked first
stage Repla	of compressor an	e fuel pump paper	arbine for F.O.D. Inspected and cleaned filter. Inspected, cleaned and functions	ally checked chip detector.
Comp	plied with 300 Ho	ur In-Situ Inspect	tion of Sunstrand Fuel Pump. Ground r	un, leak and operational
	ked satisfactory.	manca Pacovary (Compressor Wash of Compressor and T	urhine Wheel
			cleaning of fuel purge tank, check valv	
	A.P. sample taken			MREAPERS A STAND TO THE SECRETARY SECTION AND AND A STAND SECTION AS
202 Instal	led a new ice van	e linkage boot.	celle five year flammable fuel and oil h	oses. Reserviced with BP2380
		ak checked satisfa		
	Marke Bridge		ADDOTED BY A COORD AND WITH	AN INCRECTION
			SPECTED IN ACCORDANCE WITH 3 AND <i>PHASE 1, 2, 3 AND 4, 200 F</i>	
			RAFT IS APPROVED FOR RETURN	
PERTINE	NT DETAILS AI	RE ON FILE AT	THIS AGENCY UNDER WORK ORI	DER
NUMBER	GYH.23215/125			
SIGNED	1000 8	Math		SA-050
SIGNEDS	E CTELLENC	INTERIOR CRE	PANTILLE CC 20405 CBC VIDD240	V
				and the second s
	MODEL PT6A-4 S/N 93418	2 AIRS	PEED AIRCRAFT MAINTENANCE 927 FLIGHTLINE DR	DATE 5/26/05 — HOBBS 4352.5
	REG. NO.N500W	F	DOTHAN,AL 36303	TSMOH 2859.7
			334-983-4541	2 22 400 1000 100
	THE AIDCDAFT	AND/OR COMPONE	NT IDENTIFIED ABOVE WAS REPAIRED A	ND/OD INSPECTED IN
		n	DERAL AIR REGULATIONS AND WAS FOU	
	RETURN TO SER	VICE.PERTINENT I	DETAILS ARE FOUND UNDER WO# 05-1437	The state of the s
			J 4 IAW RAYTHEON B200 MAINTENANCE	
			THE FOLLOWING SPECIAL INSPECTIONS A STED, INSPECTED AND REINST W.LED.	ND MAINTENANCE.
			TION OF HOT SECTION COMPONENTS	
			ER: NEXT DUE AT HOBBS 5352.5. ERFORMANCE RUN. ALL RESULTS AND IN	IDICATIONS NORMAL.
	LEAK (CHECK OK.		1101
			A 9	11519280100 -
			CAMBITOTOMESHE	11579 28010
THIS PAGE				
L FROM S SUMMARY				
TAL	4 4			
E MFG.				

TIME RUN

TIME SINCE

	1 Performed a Phase 1 Maintenance Manual Maintenance Manual 1 Checked igniter plugs compressor and rear	,2,3,4 /200 Hour Ins 200 Hour Phase Ins	TCSN 5,155 pection using the Rayth	TCSO 1,542
1 Performed a Phase 1,2,3,4 /200 Hour Inspection using the Raytheon/Beech King Air B200 Maintenance Manual 200 Hour Phase Inspection Guide and the Pratt & Whitney PT6A-42 Maintenance Manual. 1 Checked igniter plugs. Checked starter-generator brushes. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters	1 Performed a Phase 1 Maintenance Manual Maintenance Manual 1 Checked igniter plugs compressor and rear	,2,3,4 /200 Hour Ins 200 Hour Phase Ins	TCSN 5,155 pection using the Rayth	TSO 2,970.1 TCSO 1,542
1 Performed a Phase 1,2,3,4 /200 Hour Inspection using the Raytheon/Beech King Air B200 Maintenance Manual 200 Hour Phase Inspection Guide and the Pratt & Whitney PT6A-42 Maintenance Manual. 1 Checked igniter plugs. Checked starter-generator brushes. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters	 1 Performed a Phase 1 Maintenance Manual Maintenance Manual 1 Checked igniter plugs compressor and rear 	,2,3,4 /200 Hour Ins 200 Hour Phase Ins	TCSN 5,155 pection using the Rayth	TCSO 1,542
 Maintenance Manual 200 Hour Phase Inspection Guide and the Pratt & Whitney PT6A-42 Maintenance Manual. 1 Checked igniter plugs. Checked starter-generator brushes. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters 	Maintenance Manual Maintenance Manual Checked igniter plugs compressor and rear	200 Hour Phase Ins		non/Reach King Air P200
chip detector. Ground run, leak and operational checked satisfactory.		of power turbine for ure fuel pump paper	enerator brushes. Check F.O.D. Inspected and cl filter. Inspected, cleaned	Pratt & Whitney PT6A-42 ked first stage of leaned fuel and oil filters. d and functionally checke
	Signed Signed Selection Steven	L VS AVIATION, GREE	R, SC 29651, CRS VIB83	368K
Signed Self For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K				The second secon
For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K	STEVENS AVIATION INC. GREENVILLE, SC			
For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC.		N500WF	SN BB-947	ACTT 6009.4
For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC	4/25/2007			HM 4461.9
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4			FLIGHT	
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4	LEFT ENGINE S/N	N PCE-93418	TTSN 5970.5	TSO 2970.1
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4 HM 4461.9 FLIGHT CYCLES 5194	207 Pauland 1 4 1 1 1		TCSN 5155	CSO 1542
### STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC	207 Replaced several Adel clamps as re	equired.		
### STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC	ITEM(S) ARE APPROVED FOR RET	URN TO SERVICE. I	PERTINENT DETAILS O	
### STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC	SIGNED DO SIGNED	CDEED SC 20451	CDC I/IB83K0K	
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4 HM 4461.9 FLIGHT CYCLES 5194 LEFT ENGINE S/N PCE-93418 TTSN 5970.5 TSO 2970.1 TCSN 5155 CSO 1542 207 Replaced several Adel clamps as required. THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER NUMBER GSP.21252/125. SIGNED A Down Signed	FUI BILVENS AVIATION,	UREEN, SC 29031,	CAS FIBOJUON	9 20 Arthumptonida
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4 HM 4461.9 FLIGHT CYCLES 5194 LEFT ENGINE S/N PCE-93418 TTSN 5970.5 TSO 2970.1 TCSN 5155 CSO 1542 207 Replaced several Adel clamps as required. THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN TO SERVICE. PERTINENT DETAILS OF THE REPAIR(S) ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER GSP.21252/125.	``	4		
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4 HM 4461.9 FLIGHT CYCLES 5194 LEFT ENGINE S/N PCE-93418 TTSN 5970.5 TSO 2970.1 TCSN 5155 CSO 1542 207 Replaced several Adel clamps as required. THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER NUMBER GSP.21252/125. SIGNED A Down Signed		A	0	
STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K STEVENS AVIATION INC. GREENVILLE, SC N500WF SN BB-947 ACTT 6009.4 HM 4461.9 FLIGHT CYCLES 5194 LEFT ENGINE S/N PCE-93418 TTSN 5970.5 TSO 2970.1 TCSN 5155 CSO 1542 207 Replaced several Adel clamps as required. THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER NUMBER GSP.21252/125. SIGNED A Down Signed	1Ay 8, 2007 /	16-42	PCE - 93414	000

_HO GAS. & P 1908 & 3 8 JA

ENGINE SERVICE AND

DATE	TIME	ERUN		SINCE	1			TIONS,				
	HRS.	MIN.	HRS.	MIN.	NOTE: U	JSE BOTH PAG	ES AND A	S MANY L	NES AS	REQUI	REDF	FOR COMPL
-20//c//-	and the state of t		1	1								
						atin/O						
				D^2	allas Airm	Olive						
				De	- A							
				DDA	71.0	114 Forest Park Rd Pallas, TX 75235-64						,
	1	j	1	ВВА	Aviation	ertificate No. YRR	R491L					
	ine S/N: P		v1	T.S.N.:		C.S.N.: 5156			and the same	C.S.O.:		
Airworthiness Dire						Revision 39 Dated I					as: PT:	18.84 CT: 6.79
All worthiness Dire	ctive otatus.	ног дрр	il a die		Lock	ent 39-5266 Dated J	Manager and the second					
Pratt & Whitney S Bulletins Accompli	ished:		3334, 3336, 3	371		Gen	essory Gearl eral:	3002, 3108,				3358, 3419, 342 91
Manufacturer Ser					331, 3360, 337- 73-10. Honeyy	vell: 73-12. Wood	ward: 3353	1, 33606, 830	53-61-016.	p. 1000		
		A company	- paperminescopy	Proposition	Corrected Er	ngine Performance	THE STATE OF THE PARTY OF		or state of training No. 4	pyco h. : -		
	Ts °F Ts °C			eck T ₅ Targe		Speed 35372	T ₅ Pull Down		P/N: 30348		Trimm	
000 74.3	-17 - 039					er To S/B 3002, Late					AC	ljusted @ 26.0
Name	Part	Serial	Total 9	Total	Remarks	Name	Part	Serial	Tota		otal	Remarks
Diel Green LDT	Number	Number	Hours	Cycles		Disk Steen 2 Comm	Number	Number	Hou	-	cles	V
Disk-Stage 1 P.T. Disk-Stage 2 P.T.	3022812 3022813	7F734 6F925	5972.3 5972.3	5156	,	Disk-Stage 2 Comp. Rear Hub	3023112	2K474 18A198	5972 2971		156 543	
Impeller	3017463	4B529	5972.3	5156		Disk-C.T.	3049291-01	A0027861	Nev		iew -	
Disk-Stage 3 Comp.	3023113	2K720	5972.3	5156		Blades-C.T.	3027301	N/A	TSO: (-	I/A	-
		5,E	er comme	ş	Accessor	y Installation		Marine Marine and American				
Name	Part Nu	umber	Serial Number	T.S.O.	Remarks	Name	Pa Num		Serial Number -	T.S.O.		Remarks
Fuel Control	3244768-13-1		A69541	00.0	Kemarks	Igniter Plugs	CH3		NSN	New		Remarks
Divider Control	3019	906	+ - 12115	00.0		L.P. Bleed Valv	e 31009	23-02	1D788	00.0		1.72.2
Fuel Heater	10585K		PWC95A35		1	H.P. Bleed Valv			1C192	00.0	4. 1. 1	
Fuel Pump	025323-	300-03	8564	00.0	No Design	Bus Bar	31092		R05310	New		
Overspeed Governor CSU Governor	8210-024	4 Rev I	1715298	00.0	Not Received	Bus Bar T ₄ Lead	31092 31122		IR05171 F	New New		
Torque Limiter	32447		A10881	½ ≈ 00.0 ≈	1	T ₅ Trimmer	3034		IR15781	00.0		
P ₃ Air Filter	3029	267	1 NSN	00.0		By-Pass Valve	3024		31390	00.0	40000	
Exciter	CUESS	200.06	1 - 21021 -	A Merchanist	Not Received		3028		NSN	New		
Ignition Cables This Engine Has Been	Repaired And		NSN Accordance Wit	h Current Res	rulations Of The F	Fuel Nozzles Federal Aviation Admi	nistration, Title		Various ederal Regu	00.0	rt 43 and	l in Respect to
That Work, This Engi												
		1				r Written Consent. F		00.527.5003.				
Authorized Signatur	re: 1	-0-	ha	Pate: July 27	, 2007	Prepared By:	bhogen		Da	ate: July	27, 20	07
		1.	1	l								
V- A N	all in	1	1.6	. / /		2/01/17	102					
* N	of E	A	dif	of 1	095 8	2/24/2	023					
XN	91/2	A	dif	of l	ogs 8	2/24/2 as fo	1023	<u>, </u>				
* N	91 E	Me	dit	of l	gar-refer	as fo	1023	υ <u>ς</u>				
X N	912	Me	dit	of l ver	TSN	15995		١٢				
* N	91 E	A me	dit	of l	gar-refer	15995		υς	1 (F. (; :
* N	TI	Me	dif	of 1 ver	TSN	15995	1		lled			RRGI
* N	TI	Me	dit	of l	TSN	15995	1	ns fa	364	1		BBGU
X N	TI	Me	dit 20	of I ver	TSN	15995	1 20 1	ns fa	Ved		Den	BB qu
* N	9 T T T T T T T T T T T T T T T T T T T	A me	dit	of l ver	TSN	6321 engli	1 20 1	ns fa	38.	to 8 f	en	BB94
* N	TI	An me	dit 20	of I ver	TSN	6321 engli	1 dh	ns fa	38.	+18 files	en	BB91
X N	Ti	Me	dyt Oo	of I ver	CSN This IN 19 How Than	6321 engli	1 dh	ns fa as 3 Van	38.	hes	en	ore
AL THIS PAGE	TI	An e	dit	of I ver	CSN This IN 19 How Than	15995 6321 eng 11 190 an	1 dh	nsfa as 3	38.	hes	en	ore
AL THIS PAGE	TI	Me	dif	DF I VER	CSN This IN 19 How Than	15995 6321 eng 11 190 an	1 dh	ns fa as 3 Van	38.	hes	en	ore
TAL THIS PAGE OTAL FROM VIOUS SUMMAR TOTAL	1 4 - L - A -	Ane ne	dit	of I ver	CSN This IN 19 How Than	15995 6321 eng 11 190 an	1 dh	ns fa as 3 Van	38.	hes	en	ore

RIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES	IN DATE AND TIME COLUMN	SIGNATURE	NUMBE
			A POPE FOR COMME
Beech 200 N500WF BB-947 Hobbs: 4486.4 Date: <u>9-12-07</u> Model: <u>PT6A-42</u> S/N: <u>93418</u>	+1A6033.9 -	219 landing	15
TSN: <u>5972.3</u> CSN: <u>5156</u> TSO: <u>0.0</u> CSO: <u>0</u>	75N 5995,1	100000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
nstalled overhauled engine in L/H position of N500WF er Mfgr. Maintenance Manual. Installed new engine nounts, O/H/C OSG S/N 2122242 and O/H/C Fuel pump	CSN 6327	1 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N	
N B-5010-019. All systems checked and adjusted to			
pecifications. Serviced with BP2380 oil and satisfactory round runs performed with no fluid leaks observed. See			
ttached DAI overhaul forms for details.			
he engine and/or component above was repaired and inspected in		3 b	. A
ecordance with Federal Air Regulations and was approved for return service with respect to the Work performed on this date.		7 to 10 10 10 10 10 10 10 10 10 10 10 10 10	
$(1, \sqrt{100})$	A STATE OF THE STA		- 12
AP015526736IA Robert O'Connor	<u> </u>	4 8	
Specialty Turbine Service		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
and the same of	(1 to 8 to 1 to 100 to 1 to 1 to 1 to 1 to 1 to	4	
,		4	
		9 6 1 1 2 2	
·	(a) (b) (b) (c) (c) (c) (d) (c)	V (
· · · · · · · · · · · · · · · · · · ·		2 1	
· · · · · · · · · · · · · · · · · · ·	<u> </u>	y y	A A .
			7 0
MODEL PT6A-42 AIRSPEED AIRCRAF S/N 93418 927 FLIGHTI REG N500WF DOTHAN, AI	LINE DR.	DATE 12/11/08 HOBBS 4584.4 70.3 TCE 5254 8.0 CSOH 98	
THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED AB	OVE WAS REPAIRED AND/OR	INSPECTED IN	
ACCORDANCE WITH CURRENT FEDERAL AIR REGUL RETURN TO SERVICE WITH RESPECT TO THE WORK I FOUND UNDER WO# 08-2804.	ATIONS AND WAS FOUND AIL	RWORTHY FOR	
	D IN CONJUNCTION WITH AN		-
THIS ENGINE HAS BEEN INSPECTE AIRCRAFT COMPLETE INSPECTION GROUND RUN ACCOMPLISHED FO NORMAL AND NO LEAKS NOTED.	N, PHASE 1-4. ILLOWING WITH ALL RESULT	4157938420	

MAXIMUM HOURS BETWEEN OVERHAULS_____HOURS.

dizzoq ze nooz ze alMJ (, yer for debris, you may ser THE WILL AND SECURE THE WILL THE Fill Alicib lio art bruois sais art in amos bluories alginisa lio art (t " " INAS SISYJANA 110 ENGINE SERVICE AND DAT STE BROUC MODEL PT6A-42 **ALLIANCE AVIATION** FORW DATE 3/1/11 S/N 93418 927 FLIGHTLINE DR HOBBS 4686.5 REG N500WF DOTHAN, AL. 36303 TSN 6172.4 CYC THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ONLY WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE FOUND UNDER WO#. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE INSPECTION IAW B200 M/M AND INSPECTION GUIDE. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE PR 39/7 210174 MODEL PT6A-42 ALLIANCE FLIGHT SUPPORT DATE 4/5/12 S/N 93418 927 FLIGHTLINE DR HOBBS 4734.0 N500WF REG **DOTHAN, AL. 36303** TSN 6219.9 THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ONLY WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE FOUND UNDER WO# . THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN INTERIM INSPECTION IAW B200 M/M AND INSPECTION GUIDE. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE. M3472804 ALLIANCE FLIGHT SUPPORT MODEL PT6A-42 DATE 8/9/13 927 FLIGHTLINE DR HOBBS 4761.6 93418 S/N DOTHAN, AL. 36303 TSN N500WF 6247 5 REG CYC THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE INSPECTION IAW B200 M/M AND INSPECTION GUIDE. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE. Robertschuser BASY ZA CARRIED FORWARD TOTAL THIS PAGE TOTAL FROM PREVIOUS SUMMARY TOTAL SINCE MFG.

		77.0	CENCE
MODEL PT6A-42 S/N 93418 REG N500WF	ALLIANCE FLIGHT SUPPORT 927 FLIGHTLINE DR DOTHAN, AL. 36303	DATE 5/1/15 HOBBS 4767.4 TSN 6253.3 CYC	
1.			
MODEL PT6A-42 S/N 93418 REG N500WF	ALLIANCE FLIGHT SUPPORT 927 FLIGHTLINE DR DOTHAN, AL. 36303	DATE 04/18/17 HOBBS 4771.6 TSN 6257.5 CYC	
1. 2.	THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN INSPECTION IAW B200 M/M AND INSPECTION GUIDE. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMA	1 ~	
May 18, 2018	VIATION, INC. N500WF S/N BB-947 TSN 6268.0 -93418 TSO 295.7	ACTT 6329.6 HM 4782.1 CSN 5468 CSO 312	
was accomplished and work order number 84 SIGNED	as been inspected in accordance with FAR 91.409(F) 3 and the aircraft is approved for return to service. Pertinent deta 12.	a Beechcraft Complete Inspection	
All maintenance performance pe	VIATION, Nashville, TN 37217, CRS VIB3368K ormed in accordance with applicable sections of manufacture samples. Replaced HP Fuel Pump drive Garloc seal and pactreens and filters. Checked igniters and chip detector. Che compressor rotor inspection. Lubricated engine and propell wheel rinse. Ground run leak check serviceable.	cking with new. Cleaned and coked starter/generator brush wear.	
The Aircraft, Airfram Accordance With Cur The Repair Are On Fi	e, Aircraft Engine, Propeller Or Appliance Identified Above rent Federal Aviation Regulations And Is Approved For Related the At This Agency Under Work Order Number 8412.	e Was Repaired And Inspected in eturn To Service. Pertinent Details Of	

SISYJANA JIO Anno Bround the oil drain. Allow with Web may service and a soon a secure the debrif of the oil sample should the oil drain for debrif or below.

The oil sample sied around the oil giller for debrif or of the oil of th

DATE	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
-,,, , =	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REGULARS FOR COMPLET
OUGHT		-			
(E etue of a co	and the state of the state of	
\mathcal{C}^{-}	#/				2/17/2019 11:00:00 AM N305EL Serial: 2976 434/8
2D	satco	m dir	ect.		361181. 2570 4347
30	1				Meter: 35.5 TTIS: 2000
•	•				Cycles: 5294
1. : Perform	ned Engine	1 of Minor In	spection	IAW PWC	72-00-00 Table 601 Checklist.
2. : Cleaned 3. 1st Stage 4. : Lubrica	Comp Rote	or Insp:	CW Visua	screen:	S/filters. Inspection
. : Checked	I Igniters	and Chip	detecto	rs.	
Performed po	st inspect	tion grou	nd run a	nd opera	tional checks.
This engine	is approve	ed for re	turn to	service.	
386-341-61				The	•••
Gus Warren s	kvwavaero	@gmail.co	om a		
		40.	3200	223	S4 1A
his entry h		40	3200		e AircraftLogs system. The above information is the maintenance record
This entry h		40	3200		
This entry h		40	3200		
This entry h		40	3200		
This entry h		40	3200		e AircraftLogs system. The above information is the maintenance record 8/26/2019 11:19:00 AM N305EL
This entry h	nas NOT bee	4 Pinen digita	3 200		8/26/2019 11:19:00 AM N305EL Serial: **2080**
his entry h	nas NOT bee	40	3 200		8/26/2019 11:19:00 AM N305EL Serial: 980 PCE -9 34/8 Meter: 326.1 TTIS: 1873-6 (C C-M 9
This entry h	nas NOT bee	en digita	ally signer		8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -9 34/8 Meter: 326.1 TIS: 1873.6 6684.9
This entry hauthor.	Satco	en digita	Pect.	IAW PWC	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -934/8 Meter: 32611 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
SD 1. : Perform 2. : Cleaned 3. : 1st Sta	Satco	en digita om dir Minor In ected Fue botor Insp	ect.	IAW PWC	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -934/8 Meter: 32611 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
SD .: Perform .: Cleaned .: Lubrica	Satco	en digita om dir in of Minor In ector Inspector Insp	ect.	IAW PWC	8/26/2019 11:19:00 AM N305EL Serial: 9000 Meter: 3261 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
SD 1. : Perform 2. : Cleaned 3. : Lubrica 5. : Checked	Satco	om dir of Minor In ected Fue ected Fue ected Chip and Chip tion grou	ect. Inspection of and oil and oil and oil and oil oil and oil oil and oil oil oil of and oil	IAW PWC l screen ual roto	8/26/2019 11:19:00 AM N305EL Serial: 9000 Meter: 3261 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
SD 1. : Perform 2. : Cleaned 3. : 1st Sta 4. : Lubrica 5. : Checked	Satco	om dir of Minor In ected Fue ected Fue ected Chip and Chip tion grou	ect. Inspection of and oil and oil and oil and oil oil and oil oil and oil oil oil of and oil	IAW PWC l screen ual roto	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -934/8 Meter: 326,1 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st St 4. : Lubrica 5. : Checked Performed po This engine 386-341-61	Satco med Engine in and inspect get Comp Rc it Igniters ost inspect is approve	om dir om dir i of Minor In ected Fue botor Insp e control and Chip tion grou ed for re	ally signored and oil and oil and oil so detectored and run and eturn to	IAW PWC l screens ual rotor rs. nd operati	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -9 34/8 Meter: 326.1 TTIS: 1873.6 6684.9 Cycles: 5500 72-00-00 Table 601 Checklist. s/filters. r Inspection tional checks.
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st Sta 4. : Lubrica 5. : Checked Performed po	Satco med Engine in and inspect get Comp Rc it Igniters ost inspect is approve	om dir om dir i of Minor In ected Fue botor Insp e control and Chip tion grou ed for re	ally signored and oil and oil and oil so detectored and run and eturn to	IAW PWC l screens ual rotor rs. nd operati	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -934/8 Meter: 326,1 TTIS: 1873-6 6684.9 Cycles: 5500 80H - 7/5.6
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st St 4. : Lubrica 5. : Checked Performed po This engine 386-341-61 Gus Warren s	Satco med Engine i and inspect get Comp Rc outed engine i Igniters ost inspect is approve	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 9080 PCE -9 34/8 Meter: 326.1 TTIS: 1873.6 6684.9 Cycles: 5500 72-00-00 Table 601 Checklist. s/filters. r Inspection tional checks.
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st St 4. : Lubrica 5. : Checked Performed po This engine 386-341-61 Gus Warren s	Satco med Engine i and inspect get Comp Rc outed engine i Igniters ost inspect is approve	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 9000 PCE-934/8 Meter: 326 I TTIS: 1873.6 6684.9 Cycles: 5500 SOH - 7/5.6 72-00-00 Table 601 Checklist. sr Inspection tional checks.
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st St 4. : Lubrica 5. : Checked Performed po This engine 386-341-61 Gus Warren s	Satco med Engine i and inspect get Comp Rc outed engine i Igniters ost inspect is approve	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 9000 PCE-934/8 Meter: 326 I TTIS: 1873.6 6684.9 Cycles: 5500 SOH - 7/5.6 72-00-00 Table 601 Checklist. sr Inspection tional checks.
This entry hauthor. SD 1. : Perform 2. : Cleaned 3. : 1st St 4. : Lubrica 5. : Checked Performed po This engine 386-341-61 Gus Warren s	Satco med Engine i and inspect get Comp Rc outed engine i Igniters ost inspect is approve	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 1900 Refer: 326,1 TTIS: 1873-16 668-47, 9 Cycles: 5500 8 OH - 715.6 72-00-00 Table 601 Checklist. s/filters. r Inspection tional checks.
SD 1. : Perform 2. : Cleaned 3. : 1st Sta 4. : Lubrica 5. : Checked Performed po This engine 386-341-61 Gus Warren s This entry hauthor.	Satco med Engine if and inspense Comp Ro ated engine if Igniters ost inspect is approve	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 9000 PCE-934/8 Meter: 326 I TTIS: 1873.6 6684.9 Cycles: 5500 SOH - 7/5.6 72-00-00 Table 601 Checklist. sr Inspection tional checks.
: Perform : Cleaned : 1st Sta : Lubrica : Checked erformed po	Satco Satco Med Engine I and inspecting Comp Roted engine I Igniters Ost inspect Is approve Its Appr	and digital of Minor Inected Fue to control and Chip tion grounded for recommend Rd @gmail.co	ally signored and oil and oil and oil section and run and run and run and run and run to the run to	IAW PWC 1 screens ual rotor rs. nd operates	8/26/2019 11:19:00 AM N305EL Serial: 1900 PCE -9 34/8 Meter: 326 1 TTIS: 1873-16 668-4.9 Cycles: 5500 SOH - 7/5.6 72-00-00 Table 601 Checklist. s/filters. r Inspection tional checks. AP3202234/A e AircraftLogs system. The above information is the maintenance record

		NUMB
	The second secon	* # # * * * * * * * * * * * * * * * * *
		7
()	5/31/2020 10:58:00 AM N305EL	
CD satson	Serial: 2976	6 × ×
_ Sp sacon	Meter: 433.6 TTIS: 8=8	
	Cycles: 6174 9/3,/50#	- w &
Ponformed Engine	1 of 1	
Checklist.	Minor inspection IAW PWC 72-00-00 Table 601 cted Fuel and Oil screens/filters.	
3. : Lubricated Engine 4. : Checked/ignitors	controls	
Performed Post inspect	ion ground run and operational checks.	
386-341-6172 1600 0		*
Gus Warren skywayaero		
This entry has NCT has	49320223414	
above information is t	n digitally signed on the AircraftLogs system. The he maintenance record author.	
		M 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1 4
	Left Engine Date: 9/19/22	
N 305EL Make: P&WC	Signature TechnicAir	
Model: PT6A-42 Serial #: PCE-93418	5500 44th St. Grand Rapids, MI 49512 CSO: 1696 Eng CSN: ##8.9 485 Z	
	ction Inspection IAW Pratt & Whitney PT6A-67P MM 72-00-00 sec 7 & 8 Internal	3.2
or a second francisco by Pratt & Whitney or	WO# RPR60333/PC-E 93418.	
2020522 1414 Dente S 14/hitmay DTGA 42 MM 77-20-01	-01 from 4 o'clock position of LH engine and installed new thermocouple probe P/N:	
 Removed leaking LH engine RGB chip detector P/N 304 SN:ABAG237 IAW P&W PT6A-42 MM /2-10-00 	45951-02 SN:ABG050 and replaced it with new RGB gearbox chip detector P/N 3045951-02	
* Reinstalled Inspected Large Exit Duct P/N 3100224-01	S/N 107-438	
 Reinstalled Inspected Combustion Liner P/N 3103775- 	01 S/N 8A634	
 Reinstalled Repaired C.T. Disk P/N 3049291 S/N A002 	7861	
 Reinstalled Repaired I.E. Duct Assy P/N 3029122 S/N 5 	5003-283	
 Reinstalled Inspected and Tested inlet Fuel Adapter P. 		
* Reinstalied Inspected and Tested Primary Fuel Nozzle	ZIE PYN 3019537 5/N N/A	4 -
 Reinstalled Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Noz 	on the shove listed items, and no discrepancies were noted	
* Reinstalied Inspected and Tested Primary Fuel Nozzle	on the above listed items, and no discrepancies were noted.	
Reinstalled Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozz Performed an operational and leak check, as needed,	or ambiguage identified above was repaired and or inspected in accordance with	
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Noz- Performed an operational and leak check, as needed, I certify that the discraft, discraft engine, properle current FAA regulations and was found airy.		
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozzle Performed an operational and leak check, as needed, I certify that the aircraft, aircraft engine, properties current FAA regulations and was found airv Signed: Gary Berrimon	or, or appliance identified above was repaired and or inspected in accordance with worth with respect to the work performed and is approved for return to service. for CRS 9PER215C	
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Noz- Performed an operational and leak check, as needed, I certify that the discraft, discraft engine, properle current FAA regulations and was found airy.	er, or appliance identified above was repaired and or inspected in accordance with worthy with respect to the work performed and is approved for return to service.	
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozzle Performed an operational and leak check, as needed, I certify that the aircraft, aircraft engine, properties current FAA regulations and was found airv Signed: Gary Berrimon	or, or appliance identified above was repaired and or inspected in accordance with worth with respect to the work performed and is approved for return to service. for CRS 9PER215C	- 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozzle Performed an operational and leak check, as needed, I certify that the aircraft, aircraft engine, properties current FAA regulations and was found airv Signed: Gary Berrimon	or, or appliance identified above was repaired and or inspected in accordance with worth with respect to the work performed and is approved for return to service. for CRS 9PER215C	
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozzle Performed an operational and leak check, as needed, I certify that the aircraft, aircraft engine, properties current FAA regulations and was found airv Signed: Gary Berrimon	or, or appliance identified above was repaired and or inspected in accordance with worth with respect to the work performed and is approved for return to service. for CRS 9PER215C	
Reinstalied Inspected and Tested Primary Fuel Nozzle Reinstalled Inspected and Tested Secondary Fuel Nozzle Performed an operational and leak check, as needed, I certify that the aircraft, aircraft engine, properties current FAA regulations and was found airv Signed: Gary Berrimon	or, or appliance identified above was repaired and or inspected in accordance with worth with respect to the work performed and is approved for return to service. for CRS 9PER215C	

" YEAR IN MIN HILL ALIEN STOOD HILL THAS SID

ENGINE SERVICE AND

TIME SINCE TIME RUN INSTALLATIONS, INSPECTIONS, OVERHAUL DATE NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE HRS. HRS. MIN. MIN. BROI **Left Engine** N 305EI Date: 12/14/22 FOR Make: P&WC Signature TechnicAir Model: PT6A-42 Eng TSN: 8201.3 1850.2 5500 44th St Grand Rapids, MI 49512 Serial #: PCE-93418 Eng CSN: Replaced LH engine fuel pump P/N: 025323-300-03 S/N: 8564 with overhauled P/N: 025323-300-03 S/N: 7646 IAW Pratt & Whitney PT6A-42 MM 73-10-02. No further defects noted at this time Learlify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found alrwor by with respect to the world performed and is approved for return to service. Signed: Gary Berrimo for CRS 9PER215C Date: 12/14/22 Hobbs 1344,5 Page 1 of 1 WO# \$66- 22-66310

StandardAero	Engine Log 2988 West Wa DFW Airpor	lnut Hill Lane	Work Order Number: 00034117	Date: Dec 9, 2022
Aircraft Type:	Aircraft Registration Number:	Aircraft Serial Number:	Aircraft Tota	
King Air 200	N305EL	BB-947	8036.5	
Engine S/N:	Engine Model:	Engine Position:	Aircraft Total L	andings:
PCE-93418	PT6A-42	Left	9158	
Engine Time Since New (TSN): 8201.3	Engine Cycles Since New (CSN): unk	Time Since Overhaul (TSO): unk	Cycles Since Overl unk	haul (CSO):

ork Performed:

- Removed worn Fuel Pump Gearshaft Assembly PN: 30418613104152-01 and replaced with OVERHAULED PN: 3104152-01 TSO:0.0
- Removed and replaced Fuel Pump Carrier seal with new PN: 3022375

Il work performed with reference to *Pratt & Whitney Canada EMM 3021442 Rev 64.0 dated Jul 11, 2022, Overhaul Janual 3021443 rev 54.0 dated Feb 7, 2022 and Beechcraft AMM 101-590010-19 Rev E1, dated Nov 1, 2019* and other ata and methods acceptable to the administrator. Ground run leak checks good.

his certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected ith reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with espect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated tepair Station

Signature

eff DeBoer for Standard Aero

AA CRS #YRRR491L

mazonbasics

N 305EI

Make: P&WC Model: PT6A-42 Serial #: PCE-93418 Left Engine

Signature TechnicAir 5500 44th St Grand Rapids, MI 49512

TSO: 1823.9 CSO: 1696

Eng TSN: 7796.0 Eng CSN: 1823.9

Date: 6/12/24

 Complied With Engine PT6A-42 S/N PC-E 93418 Hot Section Inspection IAW Pratt & Whitney PT6A-42 MM 72-00-00 sec 12 Internal components inspected/repaired by Dallas Airmotive on WO# RPR60333/PC-E 93418.

• Replaced damaged thermocouple probe P/N: 3116133-01 from 4 o'clock position of LH engine and installed new thermocouple probe P/N: 3039532 IAW Pratt & Whitney PT6A-42 MM 77-20-01.

- Removed leaking LH engine RGB chip detector P/N 3045951-02 SN:ABG050 and replaced it with new RGB gearbox chip detector P/N 3045951-02 SN:ABAG237 IAW P&W PT6A-42 MM 72-10-00
- Reinstalled Inspected Large Exit Duct P/N 3100224-01 S/N 107-438
- Reinstalled Inspected Combustion Liner P/N 3103775-01 S/N 8A634
- Reinstalled Repaired C.T. Disk P/N 3049291 S/N A0027861
- * Reinstalled Repaired I.E. Duct Assy P/N 3029122 S/N 5003-283
- Reinstalled Inspected and Tested Inlet Fuel Adapter P/N 3019424 S/N N/A
- Reinstalled Inspected and Tested Primary Fuel Nozzle P/N 3019536 S/N N/A
- Reinstalled Inspected and Tested Secondary Fuel Nozzle P/N 3019537 S/N N/A
- Performed an operational and leak check, as needed, on the above listed items, and no discrepancies were noted. ***This is an ammended log entry for work performed on 09/19/2022***

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

Signed: Christopher Biggar

Date: 6/12/24

for CRS 9PER215C

WO# \$66- 22-66203

Page 1 of 1

ENTRIES. DRAW A DIA	REMAIRS, ADJUSTMENTS, MC GONAL LINE THROUGH ANY UNUSE	ED LINES IN DATE AND TI	ME COLUMN	\$.	SNATURE
2/24/2023 P	Γ6A-43 PCE 93418				· · · · · · · · · · · · · · · · · · ·
Audit of logs	times this date and correction	s as follows			A Marianta is a report transition of the
TSN 7826.5	and correction.	3 43 10110W3.			
TSO 1753.8					
CSN 8062					
CSO 1735				610075	
This engine v	vas installed in BB-947 in 1990.				7
At the time o	finstall this engine had 38.8 fe	wer hours than Airfran	ne TT		
— and	1100 more cycles than Airfram	E Landings.	,		
ELIBI I = ACLL	1-38.8				
This interval	cftLndgs+1108				
inis interval	has been carried forward to thi	s date.		-	
	Warren AP 3202234 IA				
- 6) 0000				
N 305EL	Left En	gine	Date:	3/2/23	
Make: P&WC	Signature Tech	nicAir	ETT:	7826.5	
Model: PT6A-42	5500 ARM ST Grand Russ	41.01.42512	CYCLES:	8062 =	
turbine blade tips also show measurements are within se acceptable provided engine	ion of the CT shrouds and found some rubbing fron signs of rubbing with small amount of burnt materi rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number i 0-00 and 72-50-01 which was not com	blades. Blade tip 318. This rubbing i	s	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materix rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the state of	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT 2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not composervice.	blades. Blade tip 318. This rubbing i	s	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materi rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number i 0-00 and 72-50-01 which was not com	blades. Blade tip 318. This rubbing i	s	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materix rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the state of	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not comp o service.	blades. Blade tip 318. This rubbing i	5 .	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materix rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the contract of th	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not comp o service.	blaces, blade tip 818. This rubbing i oleted at this time	5 .	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materix rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the contract of th	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not comp o service.	blaces, blade tip 818. This rubbing i oleted at this time	5 .	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materin rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the reason of th	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not comp o service.	blaces, blade tip 818. This rubbing i oleted at this time	5 .	
Complied with Visual inspect turbine blade tips also show measurements are within se acceptable provided engine TechnicAir not responsible for	ion of the CT shrouds and found some rubbing from signs of rubbing with small amount of burnt materix rviceable limits per Pratt & Whitney PT6A-42 MM 7 performance is within limits per P&WC EMM 72-00 or engine reassembly, performance runs or return to the contract of th	n 6 - 12 o'clock position with no metal al. No additional findings noted on CT '2-50-01 table 204 reference number 3 0-00 and 72-50-01 which was not comp o service.	wo# \$66- 2	5 .	



PRIME TURBINES
485 Airport Road
Butler, PA 16002
FAA Certified Repair Station #3A6R191B

Engine Make:

Engine Model:

Serial Number:

Pratt & Whitney Canada

PT6A-42

PCE-93418

Engine Total Time:

Engine Total Cycles:

Time Since Overhaul:

Cycles Since Overhaul:

7.826.5

8,062

1,753.8

Not Supplied

Work Performed: Split engine at C flange for PT disk change. Installed power section repaired by Prime Turbines Butler, PA refer to 8130 for details. Serviced with 2380 oil. Complied with satisfactory leak checks and ground performance runs. All work performed in accordance with PWC Maintenance Manual - PT6A-42 MANUAL PART NO. 3021442, ISSUE NO. 65.0, DATED Jan-16-2023, and Textron B200 Super King Air Maintenance Manual - P/N 101-590010-19 Revision No. E2 Dated 01/01/2023.

Details on file at Prime Turbines Repair Station under Work Order #: P3958

Authorized Signature:

Jason Shillingburg

Date: 3/2/2023

Certifies that the work performed was carried out in accordance with FAA Airworthiness Regulations and in respect to work performed the parts are approved for return to service.

StandardAero	Engine Log 2988 West Wa DFW Airpoi	1. Work Order Number: 35731	² Date: June 5, 2023		
3. Aircraft Type:	4 Aircraft Registration Number:	5 Aircraft Serial Number:	⁶ Aircraft Total Time:		
King Air 200	N305EL	BB-947	7992.1		
7. Engine S/N:	8. Engine Model:	9. Engine Position:	10. Aircraft Total Landings:		
PCE-93418	PT6A-42		6973		
11. Engine Time Since New (TSN):	12 Engine Cycles Since New (CSN):	13. Time Since Overhaul (TSO):): 14. Cycles Since Overhaul (CS6		
7958.2	8084	N/A	N/A		

** Work Performed: Performed complete Borescope Inspection of 1st stage compressor, Combustion Liner, CT Stator Assembly, Blades and Segments, and trailing face of Power Turbine blades. Work Performed with reference to PWC EMM 3021442 Rev 65.0 dated Jan 16, 2023 and other data and methods acceptable to the administrator. Minor rubs noted in segments that do not appear to effect performance and are within allowable limits of the EMM.

This certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station

Signature

Jeff DeBoer for Standard Aero
FAA CRS # YRRR491L

DA 889

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, StandardAero cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden emay exist that was not observable and reported by our technician at the time of the evaluation.

Engine Logbook Entry N305EL 1 - 1/1Engine Make & Model Date 12-Jun-2023 PT6A-42 Engine Serial Number Work Performed By Engine Hours PCE-93418 7958.20 **Engine Cycles** Operator **DCT** Aviation 8084.00

- Performed the Following Scheduled Items

- 01. 5 7010 NO. 1 ENGINE MINOR INSPECTIONS
- 02. 74 0015 NO. 1 ENGINE EXAMINE THE SPARK IGNITERS FOR CLEANLINESS AND EROSION. DO A FUNCTIONAL CHECK Work Description: Installed two new ignitors.
- 03. 74 1000 NO. 1 ENGINE EXAMINE THE IGNITION EXCITER FOR THE CORRECT INSTALLATION AND CONDITION
- 04. 74 2000 NO. 1 ENGINE EXAMINE THE IGNITION CABLES FOR CHAFING, WEAR AND CORRECT INSTALLATION
- 05. 79 0045 NO, 1 ENGINE CHECK AGB INTERNAL SCAVENGE OIL PUMP INLET SCREEN

I certify this Aircraft/engine/Part, is in airworthy condition with respect to the maintenance and/or inspection performed, and is approved for return to service. All maintenance and/or inspections were completed in accordance with FAA regulations, and Manufactures Maintenance Manuals.

Kendrick KROCK

License / Cert #

Signature

06/12/2023



Alamo Aviation Services LLC

Left Engine Log Entry

August 5, 2024

Engine Model: PT6A-42A Engine Total Hours: 8073.4 Engine S/N: PCE-93418 Engine Total Cycles: 8249 Engine Hours Since Overhaul: 2002.7 Engine Cycles Since Overhaul: 1922

AIRCRAFT SERIAL NUMBER	AIRCRAFT REGISTRATION NUMBER	ARCRAFT TYPE	AIRCRAFT TOTAL HOURS	AIRCRAFT TOTAL LANDINGS	
BB-947	N305EL	BE200	8107.3	7138	

TASK/ITEM	DESCRIPTION
	ACCOMPLISH PHASE 1 INSPECTION
01	Complied with Phase 1 Inspection IAW King Air B200 Series MM P/N 101-590010-19 Rev-E3, Date August 1, 2023, Chapter 5-20-01.
	ACCOMPLISH PHASE 2 INSPECTION
02	Complied with Phase 2 Inspection IAW King Air B200 Series MM P/N 101-590010-19 Rev-E3, Date August 1, 2023, Chapter 5-20-02.
	NO. 1 ENGINE MINOR INSPECTION
03	Complied With Engine Minor Inspection IAW Pratt & Whitney PT6A-42 MM Chapter 72-00-00. Operational And Leak Checks Satisfactory
	NO. 1 ENGINE - CHECK IGNITION CABLES FOR CHAFING, WEAR, AND INSTALLATION
04	Complied With Inspection of Ignition Cables for Charing, Wear and Installation IAW Pratt & Whitney PT6A-42 MM Chapter 74-20-00. No Discrepancies Noted
	NO. 1 ENGINE - CHECK SPARK IGNITERS FOR CLEANLINESS AND EROSION, CHECK FUNCTION
05	Complied With Inspection of Spark Igniters for Cleanliness and Erosion IAW Pratt & Whitney PT6A-42 MM Chapter 74-20-00. Operational Checks Satisfactory. No Discrepancies Noted.
	NO. 1 ENGINE - CHECK IGNITION EXCITER FOR INSTALLATION AND CONDITION
06	Complied With Inspection of Ignition Exciter for Installation and Condition IAW Pratt & Whitney PTGA-42 MM Chapter 74-10-00. No Discrepancies Noted.

	NO. 1 ENGINE - PRIDGE CH CA CHIP DE ECTO 15
07	Compiled With No. 2 Engine Bridge Che - Chip Deter too LAW Point & Whome - PT&A-42 Million - Chapter 79-20-02 too Discrep Indias Not 3
1000	NO. 1 ENGINE - CONTINUITY CHECK MAGNETIC CHIP DE TECTOR
08	Compiled With Continuity Check of Magnetic Chip Detector IAW Prats & Wiltney PTIA 42 MM Chapter 79-20-02. No Discrepancies No.ed.
	NO. 1 ENGINE - REPLACE FUEL PUMP OUTLET FILTER
09	Complied With Replacement of Fuel Pun o Critlet Filter IAW Pract & Whitney PTSA-42 WM Chapter 73-10-02.
	NO. 1 ENGINE - CHECK/CLEAN/REPLACE FUEL PUMP INLET SCREEN
10	Complied With Inspection of Eucl Pump Inlet Screen IAW Pratt & Whitney PT6.4-42 MM Chapter 73.10.02, No Discrepancies Noted.
11	NO. 1 ENGINE PREUMATIC SYSTEM - CLEAN THE P3 FILTER, DEPENDENT OR CONDITION, SERVICE EXPERIENCE OF ENVIRONMENT.
	Cleaned And Inspected Pneumatic System Filter IAW Pratt 5, Whitney PT6A-42 MM Chapter 73-10-07 No Discrepances helds.
	NO. 1 ENGINE - EXAMINE THE OIL FILTER ELEMENT AND SE CONDARY SCREEN
12	Complied With Inspection of No. 1 Engine Oil Filter Element and Secondary Surgent Alv Pratt & Whitney PT6A-42 MM Chapter 79-20-CD, No Discrey ancies Note 1,
	NO. 1 ENGINE - CHECK AGB INTERNAL SCAVENGE OIL PUMP INLET SCREEN
13	Compiled with Inspection of Engine AGB Internal Scavenge Oil Pump Inlet Screen, 7 a Discrepance noted. Work Done IAW Pratt & Whitney PT6A-42A MM Chapter 72 Do. 0.
	NO. 1 ENGINE - COMPRESSOR PERFORMANCE RECOVERY WAS H
14	Complied With Compressor Performance Recovery Wash IAW Pratt a Whit key PT6/L41 AMA Chinder 71-00-00.
	NO. 1 ENGINE - COMPRESSOR DESALINATION Y/45H
15	Complied With Compressor Desalination Wash IAN/ Pratt & Whitney P 6 V-42 MM Chap or 71-00

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW Title 14 CFR 91.409 (f) (3). Only those items specified above have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Work performed by:

Aldo Delgado

Certificate No: A&P #3582560



PRIME TURBINES
485 Airport Road
Butler, PA 16002
FAA Certified Repair Station #3A6R191B

Engine Make:

Engine Model:

Serial Number:

Pratt & Whitney Canada

PT6A-42

PCE-93418

Engine Total Time:

Engine Total Cycles:

Time Since Overhaul:

Cycles Since Overhaul:

7,826.5

8.062

1,753.8

Not Supplied

Work Performed: Split engine at C flange for PT disk change. Installed power section repaired by Prime Turbines Butler, PA refer to 8130 for details. Serviced with 2380 oil. Complied with satisfactory leak checks and ground performance runs. All work performed in accordance with PWC Maintenance Manual - PT6A-42 MANUAL PART NO. 3021442, ISSUE NO. 65.0, DATED Jan-16-2023, and Textron B200 Super King Air Maintenance Manual - P/N 101-590010-19 Revision No. E2 Dated 01/01/2023.

Details on file at Prime Turbines Repair Station under Work Order #: P3958

Authorized Signature:

Jason Shillingburg

Date: 3/2/2023

Certifies that the work performed was carried out in accordance with FAA Airworthiness Regulations and in respect to work performed the parts are approved for return to service.

1. Approving Civil Aviation Authority/Country 2.

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:

5. Work Order/Contract/Invoice

RPR60333

FAA/United States
4. Organization Name and Address



FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Dallas Airmotive, Inc. Spirit of St. Louis Airport

Number:

Chesterfield MO 63005 Certificate Number: YRR7491L

RPR60333

6. Item	7. Description:	8. Part Number	9. Quantity:	10. Serial Number:	11. Status/Work:
1	LARGE EXIT DUCT	3100224-01	1	107-438	INSPECTED

12. Remarks

TT: NA

TSO: NA

CSN: NA

567 Bell, No. 100

CSO: NA

INSPECTED 1 EA. LARGE EXIT DUCT P/N 3100244-01 S/N 107-438

ALL WORK AS PER PRATT AND WHITNEY MAINTENANCE MANUAL P/N 3021442 REV 64 DATED 07/11/2022 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

ENGINE S/N PCE-93418



13a. Certifies the items identified above we	ere manufactured in conformity to:	14a. 🛛 14 CFR 43.9 Return to Service 🔲 Other regulation specified in Block 12					
Approved design data and Non-approved design data	d are in a condition for safe operation a specified in Block 12	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.					
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:				
		to hi	YRR7491L				
13d. Name (Typed or Printed):	13e. Date	14d. Name (Typed or Printed):	14e. Date (dd-mmm-yyyy)				
		STEVE SIMON	16-Aug-2022				
User/Installer Responsibilities							

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

PT6 Power Assurance Check

ENGINE MODEL PT6A-42			- 2	ENGINE S/N PC-E93418					
TSN	7796.0	CSN	6852		TSO	1823.9	С	so	16 96
OA	т 27	С	PRES:		810	В	FIELD AROM ER		30. 01
	TARGET VA		4	\leftrightarrow		OBSE	RVED	VALU	ES
7	NP (%)				2	N	P (%)		
TO	Q (PSI or %)	1990		ļ	*	TQ (PSI	or %)	199	0
4 3	NG (%)	98%	2	Personal Control of Co		N	G (%)	96%	6
	T5 (°C)	753	1		4	T	5 (°C)	. 27,14	1
WF (PP	PH or Kg/hr)	522			W	F (PPH or I	(g/hr)	491	
	HSI Perform							43	
This engi	ne was tested in able condition.			e applica	ble Engin	e Maintena	nce Ma	nual ar	nd was foun
	Signature					Date			
Li	icense /Stamp				C	ountry			

This document is the property of Pratt & Whitney Canada Corp. and is not to be disclosed or reproduced in whole or in part without P&WC's written consent; and that no right is granted to disclose, reproduce or so use any information contained in said document. This restriction does not limit the right to use information obtained from another source.

