

#1 ENGINE LOG

W228164

RHON S/W PCE 51122
NS007

THE **adlog**TM AIRCRAFT
 MAINTENANCE
 RECORDKEEPING
 SYSTEM

Book ①

**ENGINE
 MAINTENANCE
 RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N228RA

Engine Manufacturer P3W

Model PT6A-28

Serial No. PCE 51122

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear



AEROTECH PUBLICATIONS INC.

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(631) 765-9375
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

N228RA	Date	71-30-10 100 HOUR Inspection Next due @ 10860.4 ACTT OR 10650.4 ETT.
s/n LW-197	2/13/2005	in Accordance with FAR 43.11, I certify that this ENGINE has been inspected in
ACTT	#1 ENG	Accordance with a MORE 100 HR inspection IAW the AMC AAIP Section 4C
10765.3	PCE51122	and is approved for return to service.
ACTL	ETT	This Engine is approved for return to service.
14342	10545.3	Jose Garcia <i>Jose Garcia</i>
HOBS	Starts	A&P2786696
765.0	13692	

N228RA	Date	Remove Eng. #1 Remove Prop. S/N FY1020 Eng Due overhaul
s/n LW-197	3/23/2005	Remove starter S/N 97377 tach. Gen.N1 And Prop. Tach. Remove low pressure
ACTT	#1 ENG	fuel pump P/N 91-380003-3 S/N B-2070 remove eng mount assy P/N 50-910279
10845.3	PCE51122	Anthony J Koehler
ACTL	ETT	<i>Anthony J Koehler</i>
14471	40354.0	A&P 524278346
HOBS	Starts	
855	10635.3	
	13692	

Registre de maintenance
Maintenance Log
Centre de révision – Saint-Hubert
Service Centre St-Hubert



Pratt & Whitney Canada
Une société de United Technologies/A United Technologies Company

Pratt & Whitney Canada Cie./
Pratt & Whitney Canada Corp.
7007, chemin de la Savane
St. Hubert, Québec
Canada J3Y 3X7

P8WC 6481 (2004-05)

Fabricant - Manufacturer: PRATT AND WHITNEY CANADA	Désignation - Description: TURBOPROP ENGINE	Modèle - Model: PT6A-28	N° de série - Serial No.: PCE 51122
Bon de vente - Sales Order: 130283	TSN 10635.3	CSN 13821	SSN N/A
Travail effectué - Work Performed: OVERHAULED	TSO 0.0	CSO 00	SSO N/A

THIS ENGINE HAS BEEN OVERHAULED, MODIFIED AND PROCESSED IN A/W SPECIFICATION NO.G-PT6ALL REV.1.1, PT6A-28 OVERHAUL MANUAL REV. 24 AND DAA APPROVED DATA.

- 1) ALL AD'S WERE VERIFIED.
- 2) FUEL NOZZLE SET WAS OVERHAULED IN A/W OVERHAUL MANUAL P/N: 3013243 REV. 24.
- 3) C.T. DISK INSTALLED NEW. COMPRESSOR DISKS 2nd AND 3rd STAGE WERE OVERHAULED AND INSTALLED THIS VISIT. (SEE ATTACHED LIFE LIMITED PARTS LOG FOR CURRENT SERVICE LIFE).
- 4) OIL AND FUEL FILTERS INSTALL NEW.
- 5) THE TEST RUN PERFORMED AND FOUND SATISFACTORY.
P.T. VANE RING AREA: 15.47 CAVITY: 2S8.
C.T. VANE RING AREA: 5.67

NOTE: AIR PRESSURE TUBE ASSY WAS NOT RECEIVED. A SATISFACTORY LEAK CHECK MUST BE PERFORMED PRIOR RETURN TO SERVICE.

JUL 05 2005

Date

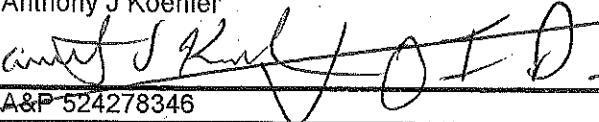
N.L.M. Lee
N.L.M. LEE
P&WC SVCE CENTRE
SC 46

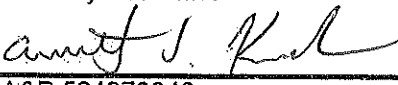
Vérificateur autorisé
Authorized Inspector T.C. AMO No. 20-00

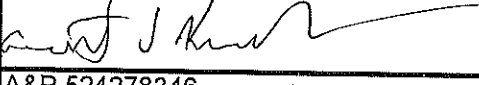
SUB-TOTALS this page


TOTALS—Carry forward to next page


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TOTALS brought forward from previous page				

N987GM	Date	Remove Eng. #1 Remove Prop. S/N BUA15287 Eng was a Rental
s/n LW-65	5/3/2005	Remove starter P/N 23048-018 S/N 7010 tach. Gen.N1 And Prop. Tach.
ACTT	#1 ENGINE	Anthony J Koehler
12695.7	PCE PG0260	
ACTL	#1 ETT	
18540	169.8	A&P 524278346
HOBBS	#1 STARTS	
2119.1	347	

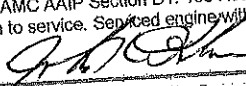
N987GM	Date	Item # 71-70-80 Compressor module overhaul
s/n LW-65	5/3/2005	Item # 71-70-90 Power section Module overhaul
ACTT	#1 ENG	Install Eng P/N 3015000 S/N PCE 51122 Eng. TSN 10635.3 TSO 0.0 TCSN 13821
12695.7	PCE 51122	From P&W S/O 130283 Dated 7/5/05 Install Starter/Gen P/N 23048-016 S/N 20079
ACTL	ETT	TSO 0.0. tach. Gen,N1 And Prop. Tach. Install Prop S/N BUA15287
18540	10635.3	Install Overhauled Prop Govn. P/N 8210-002-AE S/N 1284824 TSO 0.0
HOBBS	starts	IAW Beech M/M Chapt. 71 ,P&W M/M 72-00-00 Beech M/M Chapt.61
2119.1	13821	Run Test No Leaks found This aircraft is approved for return to service.
		Anthony J Koehler
		
		A&P 524278346

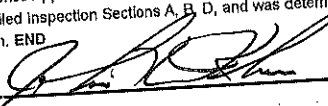
N987GM	Date	71-30-10 100 HOUR Inspection Next due @ 12967.5 ACTT OR 10906.3 ETT.
s/n LW-65	10/6/2005	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in
ACTT	#1 ENGINE	accordance with a MORE 100 HR inspection IAW the AMC AAIP Section 4C
12860.0	PCE51122	and is approved for return to service.
ACTL	#1 ETT	Anthony J Koehler
18728	10798.8	
HOBBS	#1 STARTS	
2282.4	14107	A&P 524278346

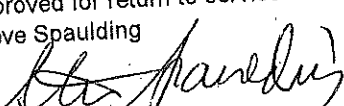
N 987GM	Date	71-30-10 100 Hour inspection next due @ 13060.3 ACTT or 10999.9 ETT.
s/n LW-65	12/6/2005	71-40-10 200 Hour inspection next due @ 13160.3 ACTT or 11099.9 ETT.
ACTT	#1ENGINE	In Accordance with FAR 43.11, I certify that this ENGINE has been inspected in
12960.3	PCE51122	IAW a #1 phase inspection and 100/200 HR inspection IAW the AMC
ACTL	#1 ETT	AAIP Section 5C and is approved for return to service.
18922	10899.9	This Engine is approved for return to service.
HOBBS	#1 STARTS	Steve Spaulding
2382.7	14301	
		A&P521863490

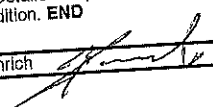
N 987GM	Date	72-10-30 100 HOUR Inspection CW at this time Next due @ 11094.3 ACTT or 11194.3 ETT
s/n LW-65	1/22/2006	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in
ACTT	#1 ENGINE	accordance with a AMC AAIP Section D1: 100 Hour Inspection and is
13054.7	PCE-51122	approved for return to service
ACTL	#1 ETT	13154.75K
19070	10994.3	John K Klaus 
HOBBS	#1 STARTS	AP31003751A
2477.1	14449	

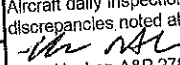
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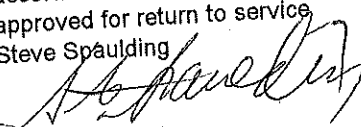
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
N 987GM s/n LW-65	Date 3/6/2006	71-10-30 100 HOUR Inspection CW at this time Next due @ 13251.5 ACTT or 11191.1 ETT		
ACTT 13151.5	#1ENGINE PCE-51122	71-10-40 200 hour minor inspections extended to phase 2 at 13167.5 ACTT per AMC AAIP		
ACTL 19218	#1 ETT 11091.1	Preamble 4.2.1 In accordance with FAR 43.11, I certify that this ENGINE has been inspected in accordance with a AMC AAIP Section D1: 100 Hour inspection and is approved for return to service. Serviced engine with two qts BP 2380 oil. END		
HOBBS 2573.9	#1 STARTS 14597	John K Klaus  AP3100375IA		

N 987GM s/n LW-65	Date 3/31/2006	71-10-30 Engine #1 100 hour inspections. Next due 13279.2 ACTT or 11218.8 ETT		
#1ENGINE PCE-51122	ACTT 13179.2	71-10-40 Engine #1 200 hour inspections. Next due 13360.3 ACTT or 11299.9 ETT		
#1 ETT 11118.8	ACTL 19266	71-10-50 Engine #1 600 hour inspections. Next due 13779.2 ACTT or 11778.8 ETT		
#1 STARTS 14645	HOBBS 2801.8	71-10-60 Engine #1 12 month inspections. Next due 3/31/07		
71-60-60 Engine #1 Fuel Nozzle replacement. P/n FN700, batch # 26609				
Fuel nozzles replaced under AMC AAIP phases 2 & 4. Section numbers 2B H 5 (f). 400 hr intervals. Borescope				
Hot section, no defects noted.				
71-70-60 RH Ignition exciter. Replaced RH exciter box, p/n 10-381650-4E, s/n off NNA04485199. P/n on 10-381650-4, s/n on NNA06091797. Replacement due to P/n not matching status report. (70)				
Replaced RH Igniter lead and primary and secondary fuel tube assemblies due to chafing.				
This Engine has been Inspected In Accordance with the Air Methods Corporation Beechcraft E-90 series Approved Airworthiness Inspection Program - Second 150 / 200 Hour Interval Detailed Inspection Sections A, B, D, and was determined to be in an Airworthy condition. END				
John K Klaus  AP3100376				

N 987GM s/n LW-65	Date 5/22/2006	72-10-30 100 HOUR Inspection CW at this time Next due @ 13373.2 ACTT or 11312.8 ETT		
ACTT 13273.2	#1ENGINE PCE-51122	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in accordance with a AMC AAIP Section D1: 100 Hour inspection and is approved for return to service		
ACTL 19422	#1 ETT 11212.8	Steve Spaulding		
HOBBS 2695.6	#1 STARTS 14797	A&P521863490 		

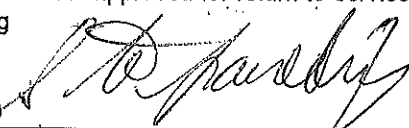
N 987GM s/n LW-65	Date 7/8/2006	71-10-30 Engine #1 100 hour inspections. Next due 13468.2 ACTT or 11407.8 ETT.		
#1ENGINE PCE-51122	ACTT 13368.2	71-10-40 Engine #1 200 hour inspections. Next due 13568.2 ACTT or 11507.8 ETT.		
#1 ETT 11307.8	ACTL 19582	This Engine has been inspected In Accordance with the Air Methods Corporation Beechcraft E-90 series Approved Airworthiness Inspection Program - THIRD 150 / 200 Hour Interval Detailed Inspection Sections A, B, D, and was determined to be in an Airworthy condition. END		
#1 STARTS 14957	HOBBS 2780.6	James Laemmrich  AP391642217		

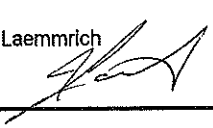
N987GM s/n LW-65	Date 9/19/2006	I certify that these aircraft engines have been inspected in accordance with Air Methods Corporation Beechcraft E-90 Series Approved Airworthiness Inspection Program - Sec. D1 100 Hour Interval Inspection: Section D1 - PT6A-28 Items, MID#71-10-30 LH Eng., MID# 72-10-30 RH Eng., and was determined to be in an airworthy condition.		
ACTT 13465.4	HOBBS 2887.8	Aircraft daily inspection performed, aircraft status report reviewed, no defects or discrepancies noted at this time.		
ACTL 19769	#2 ETT 1644.2	Ross Hochen A&P 2782818 		
#1 ETT 11405	#2 ETC 2784			
#ETC 15144				

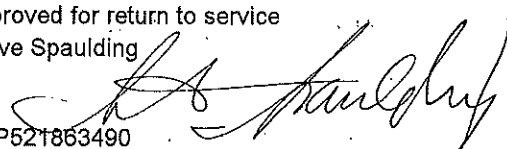
N 987GM s/n LW-65	Date 11/13/2006	72-10-30 100 HOUR Inspection Complied with, Next due @ 13654.6 ACTT or 11594.2 ETT.		
ACTT 13554.6	#1ENGINE PCE-51122	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in accordance with a AMC AAIP Section D1: 100 Hour inspection and is approved for return to service		
ACTL 19914	#1 ETT 11494.2	Steve Spaulding		
HOBBS 2976.9	#1 STARTS 15289	A&P521863490 		

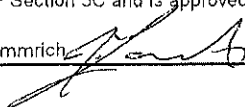
#1 Engine. S/N PCE 51122

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
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N 987GM	Date	71-10-30 100 Hour inspection	Next Due @ 13656.7 ACTT or 11596.3 ETT.
s/n LW-65	12/8/2006	71-10-40 200 Hour inspection	Next Due @ 13756.7 ACTT or 11696.3 ETT.
ACTT	#1ENGINE	71-10-70 1000 Hour Inspection	Next Due @ 14556.7 ACTT or 12496.3 ETT.
13556.7	PCE51122	71-60-180 1000 Hour AGB Scavange-	Next Due @ 14556.7 ACTT or 12496.3 ETT.
ACTL	#1 ETT	Oil Pump inlet Screen check. This is part of P&W 1000 hr. insp. D4 A 1, and	
19916	11496.3	P&W .150/200 hr. inspection D2 B 2.	
HOBBS	#1 STARTS	71-80-91 Installed O/H Fuel Nozzles,	Next Due @ 14767.5 ACTT or Phase #2
2979.1	15291	P/N FN 700 , S/N 28197. This item reference in Phase #4 is 4B J 5 (f)	
		71-60-10 Installed new Engine Oil Filter, Next Due @ 14556.7 AFTT or 12496.3 ETT.	
		P/N 3033315 , AMC lot # PRA10	
In Accordance with FAR 43.11, I certify that this ENGINE has been inspected in IAW a #4 phase inspection and 100/200/1000 HR inspection IAW the AMC AAIP Section 5C and is approved for return to service.			
Steve Spaulding			
			
A&P521863490			

N987GM	Date	AMC MID 71-10-30 #1 ENG. 100hour inspection complied with at this time. Next due	
s/n LW-65	2/2/2007	13747.7 actt./11687.3 eng. Tt.	
ACTT	HOBBS	J. Laemmrich	AP 391642217
13647.7	3070.1		
ACTL	Air hobbs	 Eng S/N PCE 51122	
20085	4595		
#1 Eng. TT			
	11587.3		

N 987GM	Date	72-10-30 100 HOUR Inspection Complied with, Next due @13832.8 ACTT or 11772.4 ETT.	
s/n LW-65	3/15/2007	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in	
ACTT	#1ENGINE	accordance with a AMC AAIP Section D1: 100 Hour inspection and is	
13732.8	PCE-51122	approved for return to service	
ACTL	#1 ETT	Steve Spaulding	
20227	11672.4		
HOBBS	#1 STARTS	A&P521863490	
3155.2	15601		

N 987GM	#1 Eng. s/n	71-10-30 100 Hour inspection	Next Due @ 13823.8 ACTT / 11772.4 ETT.
s/n LW-65	PCE 51122	71-10-40 200 Hour inspection	Next Due @ 13932.8 ACTT / 11872.4 ETT.
ACTT	#1ETT	71-10-50/60 600 hour/ 12 mos. Insp.	Next due @ 14332.8 ACTT / 12272.4 ETT. / 4-30-2008
13732.8	11672.4	71-60-30/35 800/12 mos. Bleed valve check by removing bleed valve p/n 3100829-03	
ACTL	#1 STARTS	s/n 2H568. Installed overhauled TSO 0.0 hrs. p/n same s/n3E656	
20227	15601	71-70-40 Comp. bleed valve 4100 hour o/h (see write-up above.) Next due at 15772.4 ETT.	
Date	4/11/2007	SOAP sample submitted for analysis	
In Accordance with FAR 43.11, I certify that this ENGINE has been inspected in IAW a #1 phase inspection and 100/200/600 HR/12 mos. inspection IAW the AMC AAIP Section 5C and is approved for return to service.			
J. Laemmrich  AP391642217			

Engine #1 S/N PCE.51122

Page No. _____

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N 987GM	Date	72-10-30 100 HOUR Inspection Complied with, Next due @13921.8 ACTT or 11861.4 ETT.	
s/n LW-65	5/24/2007	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in	
ACTT	#1ENGINE	accordance with a AMC AAIP Section D1: 100 Hour inspection and is	
13821.8	PCE-51122	approved for return to service	
ACTL	#1 ETT	Steve Spaulding	
20403	11761.4	<i>Steve Spaulding</i>	
HOBBS	#1 STARTS	A&P521863490	
3244.2	15773		

N 987GM	Date	72-10-30 100 Hour Inspection Complied with, Next due 14013.5 ACTT or 11953.1 ETT.	
s/n LW-65	7/10/2007	In accordance with FAR 43.11, I certify that this ENGINE has been inspected in	
ACTT	#1ENGINE	accordance with a AMC AAIP Section D1: 100 Hour inspection and is approved for return to	
13913.5	PCE-51122	service.	
ACTL	#1 ETT	John K Klaus	
20558	11853.1	<i>John K Klaus</i> AP3100375	
HOBBS	#1 STARTS		
?	15427		

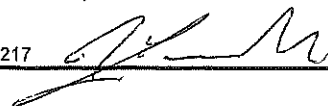
N 987GM	Date	Complied with the following inspections (AMC MID #'s) (See AMC form M0134 this ACTT for details.)	
s/n LW-65	8/9/2007	500-10-10 Phase 2 AAIP detailed inspection. Next due (#3), 14132.8 ACTT.	
ACTT	HOBBS	71-10-30 Engine #1 100 hour inspections. Next due 14032.5 ACTT.	
13932.5	3354.9	71-10-40 Engine #1 200 hour inspections. Next due 14132.5 ACTT.	
ACTL	#1 ETT	71-60-60 Engine #1 Fuel Nozzle replacement. P/n FN700, batch # 29802. Next Due 14332.5 ACTT.	
20593	11872.1	Fuel nozzles replaced under AMC AAIP phases 2 & 4. Section numbers 2B H 5 (f). 400 hr intervals.	
#1ENGINE	#1 STARTS	Performed borescope inspection IAW PWC MM section 72-00-00. Found to be within servicable limits.	
PCE-51122	15962	S.O.A.P. samples taken and submitted.	
		SB 1282 Complied with P&W SB 1282 on #2 Engine, replaced oil filter with PN 3028419. Next due replacement at 14932.5 ACTT.	
		I certify that this Engine has been inspected IAW Beechcraft E-90 series AAIP - Second 150/200 hour interval detailed inspection and was determined to be in an airworthy condition.	
		<i>John K Klaus</i> AP3100375	

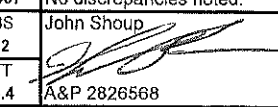
N 987GM	Date	Due to slow accaeleration that could not be adjusted; removed F.C.U. P/N 2524440-9-8-6, S/N A85759	
s/n LW-65	8/14/2007	T.S.O.- 1239.2. reference AMC form M095 #68323 for removal... Installed F.C.U. P/N 2524440-9-8-6	
ACTT	HOBBS	S/N A85027 T.S.O. 0.0. Installed new coupling P/N 3024973.....	
13934.9	3357.3	Performed Ground run/leak check, and rigged F.C.U. All sallsfactory.	
ACTL	#1 ETT	All work performed I.A.W. Beech E-90 MM section 76 and P&W MM section's 71 and 73.	
20600	11874.5	Steve Spaulding	
#1ENGINE	#1 STARTS	<i>Steve Spaulding</i>	
PCE-51122	15968	A&P521863490	

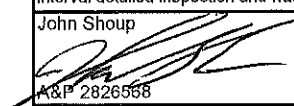
N 987GM	Date	Reviewed contents of SB 1658R2. Found to be category 6. Due when subassemblies are	
s/n LW-65	8/28/2007	dissassembled and access is available.	
ACTT	HOBBS	John K Klaus	
13967.8	3390.3	<i>John K Klaus</i> AP3100375	
ACTL			
20657			

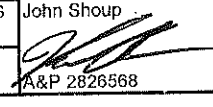
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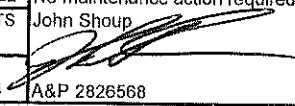
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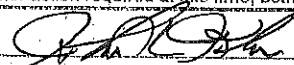
N 987GM s/n LW-65	Date 9/18/2007	Received and reviewed contents of Pratt & Whitney ASB A14410. Found to be not applicable due to installed igniter part number CH34055. No further action required.	
ACTT 14008.9	HOBBS 3431.3	 Laemmrich AP 391642217	
ACTL 20725	#1 ETT 11948.5		
#1ENGINE PCE-51122	#1 STARTS 16093		

N 987GM s/n LW-65	Date 9/18/2007	Performed a Pratt and Whitney 100 hour inspection IAW the Air Methods AAIP Inspection sheets No discrepancies noted.	
ACTT 14025.8	HOBBS 3448.2	 A&P 2826568	
ACTL 20752	#1 ETT 11965.4		
#1ENGINE PCE-51122	#1 STARTS 16120		

Date 12/5/2007	#1ENGINE PCE-51122	The following AMC MID's have been accomplished at this time. 71-10-30 100 hour insp. Next due @ 12162.6 ETT/ 14223.0 Actt.	
ACTT 14123	#1STARTS 16278	71-10-40 200 hour minor inspection Next due @ 12262.6 ETT/ 14323.0 ACTT.	
ACTL 20915	#1 ETT 12052.6	P&WC SB 1658R3, C/W by replacing FCU bolts and nuts IAW SB 1658R3 P&WC SB 1666R1 C/W by replacing FCU bolts and nuts IAW SB 1661R1 C/W P&W SB 1118 by installing oil filter p/n 3024084 SOAP oil analysis results normal Igniter eroded beyond limits. Installed new igniter p/n CH34055 AMC LOT # AVI 09 I certify that this Engine has been inspected IAW Beechcraft E-90 series AAIP - Second 150/200 hour interval detailed inspection and was determined to be in an airworthy condition. John Shoup  A&P 2826568	

N987GM s/n LW-65	Date 12/19/2007	SB 1568R5 Fuel control unit-modification replacement of. Category 7, This SB to be accomplished when current stock is depleted. This REV was issued to change some engines effectivity and to change supplier information. This SB still applies to the PT6A-28 s/n's before and including PCE-52696.	
ACTT 14143.8	#1ENGINE PCE-51122	No maintenance action required at this time.	
ACTL 20940	#1STARTS 16303	John Shoup  A&P 2826568	
HOBBS 3566.2	#1 ETT 12083.4		

N987GM s/n LW-65	Date 12/19/2007	SB 1568R6 Fuel control unit-modification replacement of. Category 7, This SB to be accomplished when current stock is depleted. This REV was issued to correct a typographical error on Fig 7	
ACTT 14143.8	#1ENGINE PCE-51122	This SB still applies to the PT6A-28 s/n's before and including PCE-52696.	
ACTL 20940	#1STARTS 16303	No maintenance action required at this time.	
HOBBS 3566.2	#1 ETT 12083.4	John Shoup  A&P 2826568	

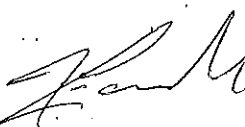
N987GM s/n LW-65	Date 1/8/2008	Received Pratt and Whitney SB 1002R25 for Rotor Component service life. SB has been filed into the SB binder and no action required at this time, both engines. Informational bulletin only.	
ACTT 14171.5	HOBBS 3593.9	Received Pratt and Whitney SB 1236R4 for Gearbox housing. SB-1236 PCW. Revision 4 is for revising figure 3. No further action required at this time, both engines. Informational bulletin only.	
ACTL 20997	 John K Klaus APR100375		

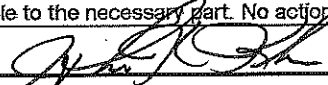
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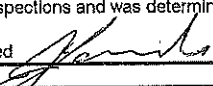
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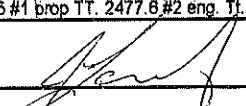
Engine #1 SN PCE-51122

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

N 987GM s/n LW-65	Date 1/23/2008	AMC MID 71-10-30 100 Hour engine inspection c/w @ this time. Next due at 14308.9 actt / 12248.5 eng. Tt.	
ACTT 14208.9	HOBBS 3631.3	 J. Laemmrich AP 391642217	
ACTL 21055	AirCond 4920.5		
#1 STARTS 16416	#2 STARTS 4046		
#1ENGINE PCE-51122	#2ENGINE PCE-PC0236		
#1 ETT 12148.5	#2 ETT 2387.7		
#1 Prop BUA25308	#2 Prop BUA23374		
#1 Prop TT 4897.6	#2 Prop TT 4955		

N987GM s/n LW-65	Date 1/24/2008	P&W SB 1661 Received and reviewed found to be Catagory 6. Pratt & Whitney recommends performing this bulletin when subassembly is disassembled and access is available to the necessary part. No action required at this time.	
ACTT 14211.7	HOBBS 3634.1	 John K Klaus AP3100375	
ACTL 21060			

N 987GM s/n LW-65	The following AMC MID'S have been C/W @ this time.		
ACTT 14298.7	71-10-30 100 hour inspection. Next due @ 12338.3 ETT.		
ACTL 21206	71-10-40 200 hr. minor inspection. Next due at 12438.3 ETT.		
#1ENGINE PCE-51122	71-10-50/60 600 hr./ 12 mos inspection. Next due 12838.3 ETT/ 3-31-09.		
#1STARTS 16567	71-60-30/35 Bleed valve check 600hr. /12 mos. Next due 12838.3 ETT/ 3-31-09		
#1 ETT 12238.3	71-60-180 1000 hr. AGB internal screen check done in AMC E-90 AAIP Phase #2 and #4 inspections		
Date 3/6/2008	71-70-40 Bleed valve 4100 o/h. R&R p/n 3100829-03 s/n 3E656 off, s/n IC955 TSO 0.0 due 16338.3 ETT.		
	SOAP performed		
	R&R Fuel nozzles p/n FN 700 s/n 31225 (repaired) on. See Prime turbines W/O W0031382		
	Boroscoped # 1 engine. No defects are noted @ this time		
	Replaced both worn Ignitors w/ p/n CH 34056		
	Rcvd. Pratt&Whitney service bulletin PT6A-72-1236 REV. 4 dated 20-12-07 Propeller reduction gbox front and rear housing and oil xfer tube modification of. Compliance Cat. 5 P&W recommends compliance when eng. is disassembled and access is available. No further action required at this time		
	I certify that this aircraft has been inspected IAW AMC Reccraft e-90 series AAIP sec. D1 100 hour, sec. D2 200 hour and sec. D3.600hour/ 12 mos. PT6A-28 Inspections and was determined to be in an airworthy condition		
	See AMC FORM MO134/135 for further maintenace performed 		
	J. Laemmrich AP391642217		

N987GM s/n LW-65	Date 4/3/2008	For Maintenance performed on log page 255775 dated 3-6-08 Corrected times are as follows: 14288.8 actt, 12238.4 #1 eng. Tt., 4987.5 #1 prop TT, 2477.6 #2 eng. Tt. And 5044.9 #2 prop. Tt.	
ACTT 14328.9	HOBBS 3751.3	 J. Laemmrich AP391642217	
ACTL 21265			

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Engine #1 S/N PCB-51122

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

Discrepancy				
N987GM s/n LW-65	Date 5/20/2008	(1) Received P&W SB 1421R5.		
ACTT 14349.7	HOBBS 3772.1	John K Klaus	<i>[Signature]</i> AP3100375	
ACTL 21298				

Corrective Action				
N987GM s/n LW-65	Date 5/20/2008	(1) Recommended Bulletin. P&W recommends to do this bulletin when the engine is disassembled and access is available to the necessary subassembly. (i.e. module, accessories, components or build groups).		
ACTT 14349.7	HOBBS 3772.1	John K Klaus	<i>[Signature]</i> AP3100375	
ACTL 21298				

N987GM s/n LW-65	Date	Description
ACTT 14386.2	HOBBS 3808.8	AMC MID 71-10-30 100 Hour Engine Inspection C/W at this time. Next Due - 14486.2 AFTT or 12425.8 ETT.
ACTL 21367		
#1ENGINE PCE-51122	#2ENGINE PCE-PG0236	AMC MID 72-10-30 100 Hour Engine Inspection C/W at this time. Next Due - 14486.2 AFTT or 2666.0 ETT.
#1STARTS 14718	#2STARTS 4348	I certify that this aircraft has been inspected in accordance with AMC operations manual section C-2, Maintenance Airworthiness Check and status report review and was determined to be in an Airworthy condition.
#1 ETT 12325.8	#2 ETT 2585	Steve Spaulding <i>[Signature]</i> A&P 2826588

Discrepancy				
N987GM s/n LW-65	Date 7/9/2008	Received Pratt and Whitney SB 1803R2		
ACTT 14407.0	HOBBS 3836.4	John K Klaus	<i>[Signature]</i> AP3100375	
ACTL 21376				

Corrective Action				
N987GM s/n LW-65	Date 7/9/2008	Reviewed contents of Pratt and Whitney SB 1803R2 and found it to be an informational bulletin recommending TBO and hot section inspection time only. No maintenance action required at this time.		
ACTT 14407.0	HOBBS 3836.4	John Klaus	<i>[Signature]</i> AP3100375	
ACTL 21376				

Discrepancy				
N987GM s/n LW-65	Date 7/16/2008	Aircraft due Aircraft airworthiness check. Received P&W SB 1803R2		
ACTT 14415.0	HOBBS 3837.4	Received P&W SB 1430R5 Log book has mistakes from log page 311418		
ACTL 21378	Air Cond 6002.1	John Shoup	<i>[Signature]</i>	
#1ENGINE PCE-51122	#2ENGINE PCE-PG0236	A&P 2826588		
#1STARTS 16761	#2STARTS 4391			
#1 ETT 12354.6	#2 ETT 2593.8			
#1 Prop BUA25308	#2 Prop BUA23374			
#1 Prop TT 5103.7	#2 Prop TT 5161.1			

Corrective Action				
N987GM s/n LW-65	Date 7/16/2008	Performed Aircraft Airworthiness Check in accordance with AMC Operations manual manual section C-2. Status report reviewed. No defects noted		
ACTT 14415.0	HOBBS 3837.4	Received and reviewed SB 1803R2 This SB Changes Engine TBO extension requirements and supersedes SB 1803R1 This SB applies to PT6A-28 models. No action necessary unless further engine TBO times are to be pursued.		
ACTL 21378	Air Cond 6002.1	Received and reviewed SB 1430R5. This SB supersedes SB 1430R4 which has changes that affect other dash #'s not including -28's This SB applies to PT6A-28's and is Optional		
#1ENGINE PCE-51122	#2ENGINE PCE-PG0236	Several mistakes were found on Log page 311418 Dated 6-25-2008. The times shown for this entry are the corrected values.		
#1STARTS 16761	#2STARTS 4391	John Shoup		
#1 ETT 12354.6	#2 ETT 2593.8	<i>[Signature]</i>		
#1 Prop BUA25308	#2 Prop BUA23374	A&P 2826588		
#1 Prop TT 5103.7	#2 Prop TT 5161.1			

N987GM s/n LW-65	Date	Description
ACTT 14491.0	HOBBS 3913.4	(1) 72-10-30 Engine #1, 100 hr. inspection CW at this time IAW AMC AAP section D1. Next due 14586.2 actt, ETT. 12525.8
ACTL 21518	#1ENGINE PCE-51122	(2) I certify that this aircraft has been inspected in accordance with AMC operations manual section C-2, Maintenance Airworthiness Check and status report review and was determined to be in an Airworthy condition.
	#1STARTS 16901	Steve Spaulding <i>[Signature]</i>
	#1 ETT 12430.6	A&P521863490

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TOTALS—Carry forward to next page

P&W PT6A-28
SIN PCE-51122

#1 Engine

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																												
TOTALS brought forward from previous page																																																
				<table border="1"> <tr> <td>N987GM s/n LW-65</td> <td>#1ENGINE PCE-51122</td> <td colspan="2">71-5-20 #1 Eng. Hot Section Insp. See P&W Engine services, Long Beach Ca, WO# 155470 for details.</td> </tr> <tr> <td>ACTT 14491.0</td> <td>#1STARTS 16901</td> <td colspan="2">Installed repaired fuel nozzles set P/N FN 700 See Prime Turbines W/O W0032642 for details</td> </tr> <tr> <td>ACTL 21518</td> <td>#1 ETT 12430.6</td> <td colspan="2">Installed new Bolt p/n 3111764-01 and washer p/n 3009022</td> </tr> <tr> <td>Date 10/24/08</td> <td></td> <td colspan="2">71-10-30 #1 eng. 100 hr. insp Next due 14591.0/12530.6 ETT</td> </tr> <tr> <td></td> <td></td> <td colspan="2">71-10-40 #1 eng. 200 hr. insp Next due 14691.0/12630.6 ETT</td> </tr> <tr> <td></td> <td></td> <td colspan="2">71-10-70 #1 eng. 1000 hr. insp. Next due 15491.0/13430.6 ETT</td> </tr> <tr> <td></td> <td></td> <td colspan="2">SOAP sample #1 eng.</td> </tr> <tr> <td></td> <td></td> <td colspan="2">Rcvd. P&WC SB 1550R2 dated 8-19-08 Category B Optional and done at discretion of operator</td> </tr> <tr> <td></td> <td></td> <td colspan="2">Installed new prop shaft seal p/n 3026652</td> </tr> <tr> <td></td> <td></td> <td colspan="2">I certify that this aircraft has been inspected IAW the AMC Beechcraft E-90 series AAIP sec D1 100 hour, D2 200 hour and sec D4 1000 hour PT6A-28 items and was determined to be in an airworthy condition</td> </tr> <tr> <td></td> <td></td> <td colspan="2">J. Laemmrich AP 391642217</td> </tr> </table>	N987GM s/n LW-65	#1ENGINE PCE-51122	71-5-20 #1 Eng. Hot Section Insp. See P&W Engine services, Long Beach Ca, WO# 155470 for details.		ACTT 14491.0	#1STARTS 16901	Installed repaired fuel nozzles set P/N FN 700 See Prime Turbines W/O W0032642 for details		ACTL 21518	#1 ETT 12430.6	Installed new Bolt p/n 3111764-01 and washer p/n 3009022		Date 10/24/08		71-10-30 #1 eng. 100 hr. insp Next due 14591.0/12530.6 ETT				71-10-40 #1 eng. 200 hr. insp Next due 14691.0/12630.6 ETT				71-10-70 #1 eng. 1000 hr. insp. Next due 15491.0/13430.6 ETT				SOAP sample #1 eng.				Rcvd. P&WC SB 1550R2 dated 8-19-08 Category B Optional and done at discretion of operator				Installed new prop shaft seal p/n 3026652				I certify that this aircraft has been inspected IAW the AMC Beechcraft E-90 series AAIP sec D1 100 hour, D2 200 hour and sec D4 1000 hour PT6A-28 items and was determined to be in an airworthy condition				J. Laemmrich AP 391642217	
N987GM s/n LW-65	#1ENGINE PCE-51122	71-5-20 #1 Eng. Hot Section Insp. See P&W Engine services, Long Beach Ca, WO# 155470 for details.																																														
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		J. Laemmrich AP 391642217																																														

Discrepancy

Corrective Action


N987GM s/n LW-65	Date 1/6/2009	Enter Pratt&Whitney SB PT6A-72-1663 R2 dated Nov 14/2008 Turboprop engine
ACTT 14559.1	HOBBS 3981.5	air inlet Screen- Replacement of
ACTL 21627		J. Laemmrich AP 391642217


N987GM s/n LW-65	Date 1/6/2009	Received Pratt&Whitney SB PT6A-72-1663 R2 dated Nov 14/2008 Turboprop engine
ACTT 14559.1	HOBBS 3981.5	air inlet Screen- Replacement of. Compliance Cat. 7
ACTL 21627	#1 Eng. s/n PCE 51122	You can do this SB when the supply of superseded parts is fully used. No further action is required at this time
	Eng. TT 12498.7	J. Laemmrich AP 391642217
	#2 Eng s/n PG0236	
	Eng. TT 2737.9	


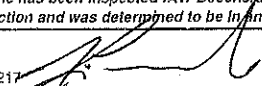
N987GM s/n LW-65	Date 1/20/2009	(1) 72-10-30 Engine #1, 100 hr. inspection CW at this time IAW AMC AAIP section D1. Next due 14674.1 Actt, 12613.7 ETT.
ACTT 14574.1	HOBBS 3996.5	(1) 71-10-30 Engine #2, 100 hr. inspection CW at this time IAW AMC AAIP section D1. Next due 14674.1 Actt, 2852.9 ETT.
ACTL 21657		Steve Spaulding
#1ENGINE PCE-51122	#2ENGINE PCE-PG0236	A&P521863490
#1 ETT 12513.7	#2 ETT 2752.9	
#1STARTS 17035	#2STARTS 4665	

N987GM s/n LW-65	Date 3/16/2009	1. I certify that this aircraft has been inspected in accordance with AMC operations manual section C-2, Maintenance Airworthiness Check and status report review and was determined to be in an Airworthy condition.
ACTT 14669.5	HOBBS 4091.9	2. 71-10-30 Engine #1, 100 hr. inspection CW at this time IAW AMC AAIP section D1. Next due 14769.5 Actt, 12709.1 ETT.
ACTL 21810		2. 72-10-30 Engine #2, 100 hr. inspection CW at this time IAW AMC AAIP section D1. Next due 14769.5 Actt, 2948.3 ETT.
#1ENGINE PCE-51122	#2ENGINE PCE-PG0236	3. Remove and replaced R/H ice light with new P/N CMA7079B24 ops check satisfactory.
#1 ETT 12609.1	#2 ETT 2848.3	4. Removed Right Main Wheel Assy., P/N 40-170, S/N ASI 1790. Reference AMC form M095 #123965. Installed Main Wheel Assy., P/N 40-170, S/N 2826, reference AMC form M095 #94581. All work performed IAW BEECH E-90 King Air MM.
#1STARTS 17035	#2STARTS 4665	Steve Spaulding
17128	4816	A&P521863490

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

N887GM s/n LW-65	#1 ENGINE PCE-51122	Installed repaired fuel nozzles set P/N FN 700 See Prime Turbines W/O W033810 for details
ACTT	#1 STARTS	72001 #1 eng 100 hr. Insp Next due 14795.1 alt/ 12734.7 ett.
14695.1	17224	72002 #1 eng 200 hr. Insp Next due 14891.0/12830.6 ett.
ACTL	#1 ETT	72003 #1 eng 600hr/12mo insp. Removed bleed valve p/n 3100829
21850	12634.7	s/n 955 off s/n 3E947 on overhauled by Prime Turbines wo#0G32404
Date		next due 15295.1 alt / 13234.7 ett. Or 3-31-2010
4/29/09		Boroscoped and no defects noted.
		SOAP sample #1 eng. Results normal
		Installed servicable igniters p/n CH 34055 AMC LOT # AA 298205-2007-10 (quan 2)
		Performed compressor wash and Data plate speed run (+.003)
		Recvd. PWC S.B. NO.1430R8 Turbine exhaust duct mod. compliance code 7 No further action
		Recvd. PWC S.B. NO.1447r3 1 ach drv. Bevel grahit mod. compliance code 8 No further action
		Recvd. PWC S.B. NO.1069F1 lock cup washers to inlet case bolts-iniro compliance code 7 No further action
		I certify that this aircraft has been inspected IAW the AMC Beechcraft E-90 series AAIP sec D1 100 hour, D2 200 hour and sec D3 600hr/12 mos. PT6A-28 items and was determined to be in an air worthy condition
		Laemmrlich AP391642217 

7/21/09 12729.9 act# 14790.3 act# 7/21/09 14790.3 act# 12729.9 ett. CW AMC E90 AAIP
 Engine 100 hour inspection Sect D1 Engine 100 hour inspection. No
 due 14795.1 actt. ~~defects~~ noted. Next due 14890.3 actt. 

Discrepancy			Corrective Action		
s/n LW-65	10/23/2009	Engine due phase 3, 100 and 200 hr inspections.	s/n LW-65	10/23/2009	The Following AMC Inspections and Task numbers have been compiled with at this time:
ACTT	HOBBS		ACTT	HOBBS	See AMC forms 134 & 135 for details of discrepancies and work performed.
14879+0	4301+24	 AP 3100775	14879+0	4301+24	Performed AD check including last 60 days. No new Ad's
#1 ENGINE	#1 ETT		#1 ENGINE	#1 ETT	051004 30 Day placard inspection. Replaced worn placards as required. Next due 11/22/09.
PCE-51122	12818+36		PCE-51122	12818+36	050003 Phase 3 Detailed inspection. Next due phase 4 at 15079+0 actt.
	#1 STARTS			#1 STARTS	720001 Section D1 Engine #1 100 hour inspection. Next due 14979+0 actt.
	17517			17517	720002 Section D2 Engine #1 200 hour inspection. Next due 15079+0 actt.
					Replace shorted ITT Buss bar and frayed ITT harness for #1 engine. Installed wiring harness p/n 3040110 s/n NRA 27708 and BUS bar thermocouple assy, p/n 3027828 s/n HR 24522
					Calibrated ITT system per the PW MM
					Performed S.O.A.P. samples for both engines.
					P&WC SB 1678 Cat 7. Information bulletin on new plating for compressor blades.
					P&WC SB 1679 Cat 6. NA. Information to remove locking cable and install lock wire to prop bolts.
					All work performed IAW with the Air Methods E90 AAIP and Pratt & Whitney maintenance manuals.
					I certify that this Engine has been Inspected IAW Beechcraft E-90 series AAIP Third 150/200 hour interval detailed inspection and was determined to be in an air worthy condition.
					Laemmrlich AP 391642217 

Discrepancy			Corrective Action		
s/n LW-65	12/31/09	SB 1244R22 Engine fuels and additives. SP P&WC	s/n LW-65	12/31/2009	SB 1244R22 this SB defines the minimum requirements for approved fuels and lists various acceptable additives for use in commercially operated engines of the models listed. Fuel for this engine is monitored by AMC fuel quality control manual.
ACTT	HOBBS		ACTT	HOBBS	
14936+20	4359+6		14936+20	4359+6	
ACTL	#1 ETT	John Shoup	ACTL	#1 ETT	John Shoup
21233	12678+1		22233	14876+4	
#1 ENGINE	#1 STARTS		#1 ENGINE	#1 STARTS	
PCE-51122	17502	ASP 2926586	PCE-51122	17001	
	#2 ETT			#2 ETT	
	3115+18			3115+18	
#2 ENGINE	#2 STARTS		#2 ENGINE	#2 STARTS	
PCE-51122	8220		PCE-51122	8220	

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2/22/10	12923.54	14984.19	act.	2/22/10 12923.54 eff act I certify this engine has been inspected IAW AWC E90 AAIP Section D1 and is in an air worthy condition. <i>[Signature]</i> AP3100375
				Engine due 100 hour inspection at 14977.9 act. currently in extension. <i>[Signature]</i> AP3100375
6-24-12	13,618.6	15075	ACTT	On 6-24-12 engine PCE - 5112 2 removed from LW-65 in servicable condition due to aircraft sale. <i>[Signature]</i> AP 388748448
	CSN 17,745			
	TSO 2383.3			
	HSI 588.6			
<p>SEMO Aviation Services LLC Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385 Right Engine Pratt & Whitney PT6A-28 Hobbs: 972.8 SMOH: 2282.5 SHOT: 587.8 Total Time: 13617.8</p> <p style="text-align: right;">R/H</p> <p style="text-align: right;">N515Z S/N: PCE-51122 Date: 08/14/2015</p> <p>Installed engine on aircraft N515Z. Oil filter was cleaned. Fuel and hydraulic filters changed. Engine lubricated per lube chart. Fuel Nozzles where changed out with exchanged nozzles from Heritage Turbines.</p> <p>This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p style="text-align: right;"><i>[Signature]</i> Dustin Ramsey A&P 3329376 IA</p>				
<p>SEMO Aviation Services LLC Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385 Right Engine Pratt & Whitney PT6A-28 Hobbs: 981.9 SMOH: 2391.6 SHOT: 596.9 Total Time: 13626.9</p> <p style="text-align: right;">N515Z S/N: PCE-51122 Date: 10/14/2015</p> <p>Completed Event 1 & 2 inspection. Oil filter was cleaned. Fuel filters cleaned. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual P/N 761-520.</p> <p>This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p style="text-align: right;"><i>[Signature]</i> Dustin Ramsey A&P 3329376 IA</p>				

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
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SEMO Aviation Services LLC

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

Right Engine
Pratt & Whitney PT6A-28
Hobbs: 1007.3
SMOH: 2417.0 SHOT: 622.3
Total Time: 13652.3

N515Z
S/N: PCE-51122
Date: 8/25/2016

Completed Event 1 & 2 inspection. Oil filter was cleaned. Installed PT6A 100 hour inspection kit. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual P/N 761-520.

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Dustin Ramsey A&P 3329376 IA

SEMO Aviation Services LLC

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

Right Engine
Pratt & Whitney PT6A-28
Hobbs: 1015.7
SMOH: 2425.4 SHOT: 630.7
Total Time: 13660.7

N5007
S/N: PCE-51122
Date: 9/26/2016

Removed ice vane drive motor. Installed overhauled ice vane drive motor p/n: 475-194 s/n: 160338. Installed new transmission coupler p/n: 757.833 and greased transmission gears. Ops check completed, no defects noted.

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Dustin Ramsey A&P 3329376 IA

SEMO Aviation Services LLC

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

Right Engine
Pratt & Whitney PT6A-28
Hobbs: ~~1007.3~~ 1028.8 JWP
SMOH: 2438.5 SHOT: 643.8
Total Time: 13673.8

N5007
S/N: PCE-51122
Date: 3/25/2017

Completed Event 2 inspection. Oil filter was cleaned. Installed PT6A 100 hour inspection kit. Installed 2 new igniter plugs p/n: CH34055. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual P/N 761-520.




This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Dustin Ramsey A&P 3329376 IA

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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
<p>SEMO Aviation Services LLC Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385 Right Engine Pratt & Whitney PT6A-28 Hobbs: 1050.5 SMOH: 2481.7 SHOT: 687.0 Total Time: 13717.0</p> <p>Completed Event 1 inspection. Oil filter was cleaned. Installed PT6A 100 hour inspection kit. Fuel nozzles were exchanged with fuel nozzle kit from Heritage Turbines. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual P/N 761-520.</p> <p>This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p style="text-align: right;"> Dustin Ramsey A&P 3329376 IA</p>				
<p>SEMO Aviation Services LLC Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385 Right Engine Pratt & Whitney PT6A-28 Hobbs: 1083.1 SMOH: 2514.3 SHOT: 719.6 Total Time: 13749.6</p> <p>Completed Event 2 inspection. Oil filter was cleaned. Installed PT6A 100 hour inspection kit. Installed new starter controller p/n: 3019109. Installed overhauled starter generator p/n: 23048-006 s/n: 9063. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual p/n: 761-520.</p> <p>This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p style="text-align: right;"> Dustin Ramsey A&P 3329376 IA</p>				
<p>SEMO Aviation Services LLC Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385 Right Engine Pratt & Whitney PT6A-28 Hobbs: 1109.9 SMOH: 2541.1 SHOT: 746.4 Total Time: 13776.4</p> <p>Completed Events 1&2 inspections. Oil filter was cleaned. Installed PT6A 100-hour inspection kit. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual p/n: 761-520.</p> <p>This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.</p> <p style="text-align: right;"> Dustin Ramsey A&P 3329376 IA</p>				

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

Engine Make: Pratt and Whitney Canada
Engine Model: PT6A-28

Engine Serial Number:
PC-E 51122

Engine total time:
13,794.2

Engine total cycles:
4,024

Time since overhaul:
N/A

Cycles since overhaul:
N/A

Work Performed: Reinstalled Inspected Large Duct PN 3109263-01, SN UJA001MK90. Reinstalled Small Duct Assy PN 3018652 with New CT Vane Ring PN PF3032651CL, SN S1-1355-C0219-0128 F/C 13.29 and New Segments PN PF3019438CL7. Reinstalled Trued and Balanced CT Disk Assy PN 3013411, SN A001R89A with 58 New Blades PN E3045741-01. Reinstalled Inspected Combustion Liner PN 3109264-01 SN PWC93-0650. Reinstalled Cleaned, Inspected and Functionally Tested Fuel Nozzles. Reinstalled Powersection to C Flange. Serviced with 2380 Oil. Completed Leak Checks and Ground Performance Runs. Ops and Leak Checks Ok. This Completes Hot Section Inspection. All Work Performed Per PWC MM 3013242 Rev 52 Dated 1/18/21.

Details on file at Prime Turbines Repair Station under Work Order # P3429

Authorized Signature: _____

Date: 5/26/21

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




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

Engine Make:	Engine Model:	Engine Serial Number:
Pratt and Whitney Canada	PT6A-28	PC-E 51702
Engine total time:	Engine total cycles:	Time since overhaul:
8,280.5		N/A
		Cycles since overhaul:
		N/A

Work Performed: Split Engine at C Flange. Removed Fuel Nozzles. Removed CT Disk. Removed Small Duct and Liners. Tested ITT System. Inspected 1st Stage Compressor for Damage. Shipped Hot Section Components to Prime Butler. All Work Performed Per PWC MM 3013242 REV 52 Dated 1/18/21.

Details on file at Prime Turbines Repair Station under Work Order # P3428

Authorized Signature:  _____ Date: 2/10/21

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

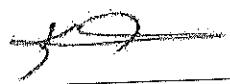


485 Airport Road
Butler, PA 16002
FAA Certified Repair Station # 3A6R191B

Engine Make: Pratt and Whitney Canada	Engine Model: PT6A-28	Engine Serial Number: PC-E 51122
Engine total time: 13,794.2	Engine total cycles:	Time since overhaul: N/A
		Cycles since overhaul: N/A

Work Performed: Split Engine at C Flange. Removed Fuel Nozzles. Removed CT Disk. Removed Small Duct and Liners. Tested ITT System. Inspected 1st Stage Compressor for Damage. Shipped Hot Section Components to Prime Butler. All Work Performed Per PWC MM 3013242 REV 52 Dated 1/18/21.

Details on file at Prime Turbines Repair Station under **Work Order #** P3429

Authorized Signature:  _____ **Date:** 2/10/21

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

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
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SEMO Aviation Services LLC

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

Right Engine

Pratt & Whitney PT6A-28

Hobbs: 18.0

SMOH: 2559.1

Total Time: 13794.4

N5007

S/N: PCE-51122

Date: 8/1/2021

*0.0 SHOT
PRIME TURBINES
5/26/21*

Completed Events 1&2 inspections. Oil filter was cleaned. Installed PT6A 100-hour inspection kit. Engine lubricated per lube chart. Inspection was done in accordance with Piper Progressive Inspection manual p/n: 761-520.

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

[Signature]
Dustin Ramsey A&P 3329376 IA

*Dispatch Aviation LLC
9548 Veterans Memorial Blvd. Hangar 29
Baton Rouge, LA 70807*

N5007 Right Engine Log Entry 09/02/2022 Page 1 of 1

Piper PA31T serial #31T-7820061 Hour meter: 65.6 T.T.: 8394.9
Pratt & Whitney PT6A-28 serial #PCE51122 T.S.O.: 2606.5; T.S.H.S.I.: 811.8

47.4 SHOT

Complied with Event 1 & 2 Inspections per mfr's instructions. Cleaned ignitors with operational check good. Install 100 hour kit during inspection process. Lube engine per mfr's instructions. Wash engine externally. Ground run good with normal start and performance noted along with no leaks. AD's searched with none due at this time.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH MFR'S INSTRUCTIONS CONCERNING 100 HOUR ALONG WITH EVENT 1&2 PIPER FORM. THIS ENGINE IS APPROVED FOR A RETURN TO SERVICE WITH DETIALS ON FILE THIS FACILITY UNDER WO #1270.

DATE 9/2/22 Authorized Signature *[Signature]*
Larry R. Woodson / A&P 3420756 IA

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