Volume #:	3			
Opened on:	08	OCT	2005	

ENGINE DETAILS

1. Manufacturer	Pratt & V	Vhitney Can	ada Corp.
2. Type/Model/Series 1	PT6A	AQA_	B/S: \92
3. Serial Number	PCE	RMOS	161
		OIL AT THE	E SERVICED WITH TURBO 2380 PIPER FACTORY FEB 2 1 2006
	CYCLE CO	UNT AS OF_	1204 1 2000
	NUMBER (OF CYCLES	12

ENGINE TECHNICAL RECORD

INSTRUCTIONS FOR USE

General

This engine logbook is part of the permanent technical record for the engine described on page I. Only information that is directly applicable to the engine should be entered into this log. Information relating to the airframe, propellers, or other components having their own technical records, should be entered into those records. Entries may be made either by writing directly in the log pages, or by completion of separate typed reports, which are then pasted, or otherwise permanently attached to the applicable sections of the logbook. The regulatory requirements for permanent technical records are contained in Division IV of Subpart 605 of the CARs.

Users may adopt different date formats to conform to local convention. Upon commencing a new page, enter an example of the date format to be used in the space provided at the top of each date column. For example, enter "dd/mm/yy" if date will be entered in the sequence day, month and the last two digits of example, enter "dd/mm/yy" if date will be entered in the sequence day, month and the last two digits of the year. All date entries on that page must then conform to the format indicated. When an entry takes up more than one row, draw a line through the unused cells of the affected rows to prevent the entry of unrelated information.

Maintenance may be recorded directly in this log, together with the applicable maintenance release, or it may be first recorded and certified in the aircraft journey log, and then transcribed into this log no later than thirty days following the events concerned. Where maintenance is originally certified in the normal log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, there is no need for a second maintenance release when the particulars (along with the name journey log, the particu

When an entry made in this technical record is signed and an authorization reference is entered adjacent to the signature, the entry constitutes the maintenance release required by CAR 605.85, and indicates that the maintenance has been performed in accordance with the applicable airworthiness requirements.

Engine information (front page)

On bringing this log into use, enter the appropriate volume number, the date, and other applicable information relating to the engine in the spaces provided on page i. Upon starting a new volume, current information found in Sections 2 thru 5 of the completed log are to be transcribed from the previous volume.

Section 1: Record of engine maintenance and elementary work

For each item of maintenance or elementary work performed on the engine (including compliance with airworthiness directives and the removal and installation of items that have their own permanent technical records) enter the date, engine total time in service since new (if known), time since engine overhaul (and/or engine cycles, as applicable) and a brief description of the task, in the appropriate cells. Where the information is transcribed from the aircraft journey log, the name of the person transcribing the information should be printed (not signed) in the signature cell, and a line struck through the "AME ACA/AMO SCA/AMO" cell.

e.g., an AME licence number, or an Arcraft Certifying Authority (ACA) or Shop Certifying Authority (SCA) reference, together with the applicable Approved Maintenance Organization (AMC) number

Where the information is being recorded for the first time, and relates to a task that requires a maintenance release, the person issuing the release must sign in the signature cell, and enter the applicable authorization reference in the "AME ACA/AMO SCA/AMO" cell.

Section 2: Record of engine installations

For each engine installation, enter the aircraft registration; the date installed, the position, the total time in service since the engine was overhauled, and the aircraft's total time in service at installation. Leave the remainder of the cells empty. Do not strike a line through these cells. When the engine is removed, fill in the rest of the line with the date removed, the aircraft's total time in service at removal, the engine hours accumulated while installed, the engine's time since new, the engine's time since overhaul, the reason for removal and the name (not the signature) of the person making the entry. Where engine time is requested, enter the engine time and/or engine cycles, as applicable.

Section 3: Record of engine component installations

Make an entry in this section for each installation of any component for which a permanent technical record has been established (e.g. life-limited components). Enter the date, the total time since engine overhaul (and/or engine cycles, as applicable) at the time of the installation, a description of the item (e.g. fuel control unit, high pressure fuel pump, governor, etc.) type/model/series, serial number, and the position in which the item is installed (e.g. left, upper, auxillary, No. 1, etc.). Leave the remaining cells empty. Do not strike a line through these cells.

When a component is subsequently removed, the person making the entry relating to the removal must complete the record of that component's installation by entering, in the appropriate cells, the removal date, the reason for the component removal (e.g. time expired, defective, out of limits, etc.) and the name (not the signature) of the person making the entry. In most cases, this will occur at the same time as the entry for installation of the replacement component.

Do not enter maintenance releases in this section. Every entry in this section will also have a corresponding entry in Section 1, and the maintenance release will be included either there or in the aircraft journey log.

Section 4: Record of airworthiness directives, airworthiness limitations, and equivalent mandatory requirements applicable to the engine

Make an entry in this section in respect of each airworthiness directive, airworthiness limitation, life limit, or other mandatory requirement that applies to the engine or any installed component that constitutes part of the engine. Do <u>not</u> include information relating to items that are recorded in the component logs. Only make entries in relation to mandatory requirements. Do <u>not</u> make entries in this section relating to optional or merely recommended tasks, such as those recommended in service bulletins that have not been made mandatory by airworthiness directives or equivalent documents.

The entry should include the airworthiness directive/airworthiness limitation/equivalent mandatory requirement reference, the date the mandatory instruction becomes effective; the compliance threshold (hours, cycles, date, etc.) and, in the case of recurring requirements, the interval; a brief description of the item (e.g. inspect engine case for cracks) and the name (not the signature) of the person making the entry.

Note that the date to be entered is that upon which a mandatory instruction becomes effective, not the date upon which the mandated action is performed. In some cases, entries may be required in this section relating to actions that are not required for a considerable time. In the case of airworthiness limitations, the entry must be made upon first bringing the log into use. In the case of an airworthiness directive, the entry should be made as soon as possible, but in no case later than the date upon which the directive comes into effect.

When entering details of the compliance threshold and interval, indicate the applicable units (e.g. 20,000 cycles, 500 hours). Where no threshold is specified, draw a diagonal line through the "Threshold" cell. Where no repetitive action is called for, draw a diagonal line through the "Interval" cell.

Do <u>not</u> record or certify the actual performance of mandatory tasks in this section. These entries should be recorded in Section 1 and, where applicable, in the aircraft journey log.

Section 5: Record of engine major modifications & repairs, and supplemental Instructions for Continued Airworthiness (ICA)

Use this section to indicate any major repairs or modifications to the engine, regardless of whether they involve supplemental ICA. Also use this section to record any other circumstances such as the use of alternative parts that have been approved through the Parts Design Approval (PDA) process, if the approval refers to supplemental ICA. Supplemental ICA are instructions, additional to those of the original type certificate holder, published by the holders of Supplemental Type Certificates (STC), Repair Design Approvals (RDA) or PDA.

Supplemental ICA may relate to scheduled maintenance requirements, or to non-scheduled requirements (such as installation instructions, change in torque loadings or lubrication instructions, etc.). Information related to supplemental ICA must be entered in the technical record to alert owners, operators and maintenance personnel of the need to take these additional instructions into account.

For each entry, include the date the change was incorporated, the identity of the change (e.g. the STC, RDA or PDA number) and a brief description (e.g. "Repair and modification of compressor outlet interstage case", "Replacement starter clutch spring", etc.)

In the cell headed "ICA", enter Yes ('Y') or No ('N') as appropriate, to indicate if the approval document for the change includes supplemental ICA.

If the approval document for the change does not include supplemental ICA, then the cell headed "Sched, change" should also have an 'N' entered in it. If the approval document does include supplemental ICA, enter either an 'N' or a 'Y' in this cell as appropriate, to indicate if the ICA include scheduled maintenance requirements.

In the section "Description", briefly describe the nature of the ICA (e.g. Installation instructions, 100 hour inspection, etc) and, if possible, a reference to where the full details can be found (e.g. STC holder's publication reference and/or internet web address). Finally, enter the name of the person making the entry.

Do <u>not</u> record or certify the modifications, repairs and/or parts installations in this section.

These entries should be recorded in Section 1 and, where applicable, in the aircraft journey log.

Section 1: Record of engine maintenance and elementary work

Date//	Time since new	Time since overhaul	Total cycles	Details of task
0 8 OCT 2005	0.0	0.0	0	New engine final acceptance to inhibiting run completed satis and is in condition for safe ope
1800 x 2005"	0,6	<i>0.0</i>	ů.	PIN 10-38 1550-4E, SNA
				PRODUCTION PROCESS OPERAT
DHATE DG				SUN AVIATION, INC., Date: 4/03/06 Eng Hobbs: 55.1 Mo Eng TT: 56.1 SN
				Accomplished a First 50 Hour In Inspection report, as a guide, MAINTENANCE RELEASE: This a was repaired and inspected in accomplished and is approved to aircraft, engine and or appliance in at the repair station affice, WO
				Signature Sun Aviation, Inc. Municipal Airpi

ERFORD Mo. 021	B. HUNGERFORD	PM, at _850_SHP/δ√Θ : 44.3_C°	ITT Trim
A 1 785 TELLIS	and the		
myord (2), NO.031	- (53) Hengerfore	24.2 Ohms	
	/ 2		
		NONE REMOVED 012 10-38/550-4E	N ANDTHER E
		MEDANCE WITH NINER	THE TO IN ACC
0 TQ 440	Janet Noment Paral	ACCUMPLISHED IN ACCUR	13. ALL WORK
Model We NO. 074	V/Ones. T. flanded		E JUNETH INVESTS FF raft SN: 4697241 ervice 2/28/06
		-	6-500TP First 50 Hour
		ith applicable	e propeller or appliance ide is of the Federal Aviation performed in accordance w uctions. Partinent details at Rev. 2006.5
			CWR470D 72) 582-9257
	Clearwater, FL 33762 x 727-507-8887 Date: 05/11/06	Clearwater Aircraft Mail 14421 Airport Parkway • 727-507-8881 • Fa Tall #: N45FF Hobbs: 103.5	CAMS
	Clearwater, FL 33762 x 727-507-8887	14421 Airport Parkway • 727-507-8881 • Fa	CAMS

The Water Standard

Date //	Time since new	Time since overhaul	Total cycle	95	Details of task
Date: 8/1/06 Hobbs: 155.2	Mod	ne Log el: PT6A-42A	N45FF	N: 4697241	
shipped to Pr Box using ne Chapter 71-00 Qts B/P 2380 Gasket PN 56 MAINTENANO was repaired a Administration	d Pratt Whitney SB 3 ratt Whitney in Orlan w Seals/Gaskets/"O	do, FL for inspect Rings, as required Pratt Whitney's ned ground ops of Coupling, roraft, airframe, air rdance with current atum to service. Al antenance manual	tion and repairs ed, removal and M.M. 3021442, (heck and no def regulations of the	ne, removed Ad , reinstalled En installation IA Chapter 72-60-6 ects noted. peller or applian e Federal Aviationed in accorda	W Piper's PA45-500TP M.M. 10. Serviced Engine with 12 Installed new Bleed Air ce identified ion noce with applicable
Signature #	, Inc. Municipal Altro	irt, Vero Beach, FL	- CRS # ECWR4 32961 (772) 562	70D 1-9257	
- I					
	Quality Averalt Service	COT A Parts	N45FF	10/09/2006	TIME 206
	ENGINE		sor bisdes		
	2 Inspected igni	tors, found both	plugs worn bei		
	3. Inspected chil 4. Replaced fuel	p detector plug in	n accordance w	ith Chapter 5	
	5 Complied with	n 200 hour fuel fi	ozzie cleaning	and flow test	
	 Serviced with Inspected oil 	filter and reinstal	lled		
	Signed Ku	Sollar.	0	A&P-	A 266852622
	Signedr.co	2090			
	aryan ON	KSD+	N45FF	10/09/2006	TIME 205
		ce & Parts pleted Event I ins engine has been this sircraft is ap			Piper inspection
		illy och		A&F	A 266852622 -
		/			
		-			
		-	-	-	
	+				
			1		

GUER A	OVALS OF	N45FF	02/15/2007	TIME:302.8	5	ure	AME ACA/AMO SCA/AMO
ENGINE 1 Replace 2 Compliance 3 Cleane 4 Compliance 5 Compliance 6 Perfor 7 Service	ced both ignitors fied with PTE 100 h ed and inspected o lied with first stage lied with chip detect med ground run an ed with one quart 2	If filter and f compressor stor inspection id leak check 2380	einstalled. r blade inspectio on ik.	asp ia 2068	52622		
CHART AIRCE	of Service & Parts Completed Event This engine has	N45FF	tence with Piper	TIME 302 8			
phase/ev	ent inspection and	this aircraft	is approved for	ASP-IA: 266	9 <i>52</i> 622		

Fred Davis, A&P: 2833998

Date -//	Time since new	Time since overhaul	Total cycles	Details of t	ask
	Chapter 5. This phase/event ins	ke & Parts pleted Event II in s engine has bee	accordance with Pip n Inspected in accord aircraft is approved	per inspection form	
	3. Cleaned and 4. Complied wi 5. Complied wi 6. Performed g 7. Serviced wit	oce & Parts oth ignitors th PT6 100 hour	ak check		
ENGINE MODEL (# PTOA-42A ENGINE MIN (#1) PCE - MACOST HEG - NO - 45FF WORK ORGER 2005-08-2007 Engine #1 Ent Hemove engine f	Tries	htline Group, Inc Capital Critic SW Capital Critic SW Capital Critic SW Capital SW E 650-578-3516	Committee seating into committee	DATE 8/1/29/7 Africana TT 400 ENG TT (#1) 400.8 ENG TC (#1) HOBBS 400.8 Iresspr inlet support e-work / replacement 3) PAW SB	9

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Prant & Whitney Engine Services. Inc. 1525 Milaway Park Road Bridgeport, WY 26330



Pratt & Whitney

A United Technologies Company

Certificate Number LMIR Manufacturer PRATT & WHITNEY	Description ENGINE	Model/Type PT6A-42A	Serial Number PCE-RM0261
Time Since New 400.8	Cycles Since New 483	Time Since Overhaul	Cycles Since Overhaul

Overhaul St Repair C.T. Vane Class: 6.78 652 DESCRIPTION OF WORK ACCOMPLISHED AND REFERENCE DOCUMENTATION:

THIS ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH PRATE & WHITNEY DVERHALL MANUAL 302134) REV 29, DATED 10 NOV 2006, MANUFACTURER'S REQUIREMENTS. AND SPECIFIC ATIONS FOR COMPRESSOR INLET CASE CORROSION, LOW OIL PRESSURE AND CIT BUADE SULFIDATION. THE REMAINDER OF THE ENGINE WAS VISUALLY INSPECTED IN ACCORDANCE WITH MAINTENANCE MANUAL, 3/12/1442 REV 40, DATED 03 NOV 2006. THE ENGINE WAS REASSEMBLED AND TESTED IN ACCORDANCE WITH THE OVERHALL MANUAL AND ENGINEERING WORKSCOPE INSTRUCTIONS

LT.T. TRIM: 89.9°F. 49.9°C.

TRIM RESISTANCE: 21.70

This engine has been required and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. This engine has been determined to be airworthy with respect to the work performed Pertinent details of the work performed are on life at this agency under sales order No. 148238

Date

OCTOBER 21, 2007

EARLE F. AILEN. AUTHORIZED INSPECTOR

PWV-3096 (MAY 98)

ENGINE MODELLINTS PT6A-42A ENGINE SIN (#1) PCE-RM0261 REG NO 46FF WORK ORDER 2783-65-2001



Flightline Group, Inc.

3255 Capital Circle SW 18/8/14/1606 Florida 327/0 Phone #50-576-3515

DATE: (1/9/2001 Artraine TT ENG TT (#1) 400.8 ENG TG (#1) HOBBE 400.8

Engine #1 Entries

C/W Piper Mendian Event I and Event If Engine Inspection ... Remove engine for shipment to P & W for repairs... (see attached P & W entry). Reinstalled engine rigged, ran, and adjusted ref. Manufacturers instructions. Opsick good. Wash and run engine Ops of good No leaks.

The screen, engine, properly if appliance classified soove has been inspected per purrent FAA regulations Ref. latest Pipel Event 1 and 2 trapection guide and fauld to be in an airworthy condition. This release in no way certifies future environments.

DATE 11/8/2007

SIGNED

Work Dritter 2783-06-2007

Fred Davis, IA, 2632998

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	new	Time since overhaul	Total cycles		Details of tas
5	Skylech, in	e Siyasor-Aovantage		P O. Box 4942 Batte Phone: (410) 574-4144	more, Maryland 21220 Pax: (410) 780-4439
Engine L Date: W/O:	og Entry April 22, 2908 25	Hobbi Total Timi 393 Cycle	B'	Registration #: Make/Model: S/N:	N45FF PT6A-42A PCE-RM0261
The air current of the r	Malibu/Mendian M/M corrosion. No defects NANCE RELEASE craft and/or compone in Federal Aviation Rog repair are on file at this SRS# LF1	on noted at this time. It is noted at this time is not identified above would for a segond or identified above work for identified at the identified above with the identified at the identified	Applied LPS "Procy ras repaired and ins and alloworthy for ret & Order No: 25393	pected in accordance um to service: Perlin	with ent details —
1.55550 #315-15	Log Entry	Hobb		P.O. Box 4942, Bat Phone: (#10) 574-4144 Registration #: Make/Model:	N45FF
Date: W/O:	Performed 100 ho Malibu/Meridian M/N	5641 Cycle our power recover 1 Ch. 12-00-00 and F	s: y and turbine w P&WC M/M Ch. 71-	S/N: rash per Piper PA	
	corrosion Inhibitor Ma Turbine Wash Preven	W Piper SL 1110 -	Pratt & Whitney St dated February 8, 2	L No. PT6A-144R1 C 2008 and P&WC PT6	ompressor
a.	chapter 72-20-00, N		IN HOS SIGNATURE		_
MAINT The of curren of the Signer	ENANCE RELEASE rcraft and/or compone it Federal Aviation Re- repair are on file at the	ent identified above of guistions and was fo is agency under <u>Wo</u>	was repaired and in und airworthy for re rk Order No. 2564	turn to service. Pertir	nent detaits 4, 2008 –
MAINT The ar current of the	ENANCE RELEASE rcraft and/or compone it Federal Aviation Re- repair are on file at the	ent identified above of guistions and was fo is agency under <u>Wo</u>	was repaired and in und airworthy for re rk Order No. 2564	turn to service. Pertir 1 Date: September	nent detaits 4, 2008 –



P.O. Box 4942, Baltimore, Maryland 21229 Phone: (410) 574-4164 / Fax: (410) 780-4439

AME ACA/AMO SCA/AMO

Engine	Log Entry	Hobbs:	522.5	Registration #: Make/Model:	PT6A-42A
Date:	September 29, 2008	Total Time:		S/N:	PCE-RM0261
W/O:	25678	Cycles:		MITT.	1,75

Performed 100 hour power recovery and turbine wash per Piper PA-46-500TP Malibu/Mendian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 25678 Date: September 29, 2008 for Skytech, Inc., P.O. Box 4942, Baltimore, MD Signed MARKET STR294K

>kytech. Experience the Signed All Windings P.O. Box 4942, Battimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

542.4 Registration #: Hobbs: Engine Log Entry PTGA-42A Mirke/Model: 542.4 Total Time: December 1, 2008 Date: PCE-RM0261 SIN: Cycles: 603 25664 W/O: TSO:

Performed a 100-HOUR Inspection:

Performed an annual/100 hour inspection of the engine per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00 and P&WC PT6A-42A MM Ch. 72-00-00.

Complied with the following Special Inspections per Chapter 05-30-00:

- Performed 100 hour power recovery and turbine wash per Piper PA-46-500TP Matibu/Meridian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.
- Performed a 200 hour AGB scavenge screen inspection per the P&WC PT6A-42A MM chapter 72-60-00. No defects noted
- Performed a 400 hr fuel nozzle inspection and boroscope inspection per the P&WC PT6A-42A MM chapters 73-10-05 and 72-00-00. Fuel nozzle inspection/repair performed by Prime Turbines, Inc., CRS UE5R246N, w/o W0033119
- Performed a 500 hour reduction gearbox scavenge screen inspection.
- Performed a 500 hour engine fuel pump outlet filter replacement by installing a new filter p/n AN6235-3A
- Performed a 500 hour fuel pump inlet screen inspection per the P&WC PT6A-42A MM chapter 73-10-02

Experience 14 (10) 574-144 / Fas. (410) 784-4429 Legenver Ps (parch Alberdopt AD notes checked thru bi-weekly 2008-23. See AD log dated November 11, 2008. Completed the following additional items: Inspected engine compressor section inlet housing for corrosion and treated with LPS corrosion interest and the february 8, 2008 and P&WC PT6A-42A MM chapter 72-20-00. No corrosion noted at this time. Adjusted lide engine speed to within limits IAW Piper PA46-500TP MM chapter 78-10-00 Installed new Q41 safety wire on several v-band clamp safeties IAW Piper PA46-500TP MM chapter 73-30-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 76-10-00. SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log NASFF, Piper PA-46-500TP, SN 4697241 Authorized Service Center Paymend Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or		- 200			Scx 4942, Ballimons, Maryland 21220	
Compiled with the following Airworthiness Directives (AD's): AD notes checked thru bi-weekly 2008-23. See AD log dated November 11, 2008. Completed the following additional items: Inspected engine compressor section inlet housing for corrosion and treated with LPS corrosion inhibitor IAW Piper St. 1110 - Pratt & Whitney Stl. No. PT6A-144R1 Compressor Turbine Wash Preventive Maintenance stated February 8, 2008 and P&WC PT6A-425. MM chapter 72-02-00. No corrosion noted at this time. Adjusted idle engine Speed to within limits IAW Piper PA46-500TP MM chapter 76-10-00 installed new O41 safety wire on several v-band clamp-safeties IAW Piper PA46-500TP MM chapter 21-30-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. Installed a new beta block pin A3028 per the Piper PA46-500TP MailburMendian MM chapter 61-10-00. SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 0219809 Engine Log ACTT 1577.9 Not PE6-RM0261 In service 2/28/06 ACTT 1577.9 Not PE6-RM0261 In service 2/28/06 ACTT 1577.9 Not PE6-RM0261 In service All work was performed in accordance with applicable aircraft, engine propelle	-	1-15				
AD notes checked thru bi-weekly 2008-23. See AD tog dated November 11, 2008. Completed the following additional items: Inspected engine compressor section iniet housing for corrosion and treated with LPS corrosion inhibitor IAW Piper St. 1110 - Pratt & Whitney SiL No. PTBA-144R1 Compressor Turbries Wash Preventive Maintenance dated reforcing SiL No. PTBA-144R1 Compressor Turbries Wash Preventive Maintenance dated features 72-20-00. No corrosion noted at this time. Adjusted dide engine sope date within limits IAW Piper PA46-500TP MM chapter 76-10-00 Installed new O41 safety wire on several viband clamp-safeties IAW Piper PA46-500TP MM chapter 76-10-00. Installed a new beta block pin A3026 per the Piper PA-18-500TP Mailbur/Meridian MM chapter 76-10-00. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in arrevitry condition. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in arrevitry condition. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in arrevitry condition. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in arrevitry condition. I certify that this ENGINE has been inspected above were repaired and inspected in accordance with a 100-HOUR inspection. I certify that this ENGINE has agreed under Work Order No. 25664 Date: December 1, 2008. Signed for the repair set on 16 at 166 agreed and vision and was found airworthy for return to service. Partners of the 150-150 per partners of the 150-15		HECTOR BY	sch-Adwrage	Phone.	WED) 254-4144 / FEE 1410) 190-1410	
Completed the following additional items: Inspected engine compressor section inlet housing for corrosion and treated with LPS correction inhibitor IAW Piper St. 1110 - Pratt & Whitney Stl. No. PT&A-148R1 Compressor Turbina Wash Preventive Maintenancia dated February 8, 2008 and P&WC PT&A-42A MM chapter 72-20-00. No corrosion noted at this time. Adjusted lide engine speed to within limits IAW Piper PA46-500TP MM chapter 76-10-00 installed new, 041 safety wire on several v-band clamp safeties IAW Piper PA46-500TP MM chapter 21-30-40. Installed an eve beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 61-10-00. Installed an eve beta block pin A3026 per the Piper PA-46-500TP MallburMendian MM chapter 61-10-00. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in arworthy condition. MAINTENANCE RELEASE The arcraft and/or component identified above was repaired and inspected in accordance with current Federal Avisition Regulations and was found alworthy for return to service. Pertinent details of the repair are on 16 at his openior Log Of Skyrach, Inc., P.O. Box 4942, Ballimore, MD Sun AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log Hobbs: 577.9 Model: PT6A-42A Inservice 2/28/06 ACTT: 577.9 Sh PCE-RM0261 In service 2/28/06 ACTT: 577.9 Sh PCE-RM0261 In service 2/28/06 ACTT: 577.9 Sh PCE-RM0261 In service 3/28/06 MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Avistion Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Perlinent detains on the federal Avistion and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Perlinent details of the supplicat	Complied with	the following Air	worthiness Direct	ives (AD's):		
inspected engine compressor section inels housing for corrosion and freated with LPS corrosion inhibitor law Piper St. 110. Part & Whitney St. No. p 176A-144R1 Compressor Turbine Wash Preventive Maintenance dated February 8, 2008 and P&WC PT6A-422 MM chapter 72-20-00. No corrosion noted at this time. Adjusted lide engine speed to within limits IAW Piper PA46-500TP MM chapter 76-10-00 Installed new beta block pin A3026 per the Piper PA-45-500TP MM chapter 76-10-00. Installed new beta block pin A3026 per the Piper PA-45-500TP MailbulMendian MM chapter 61-10-00. Installed new beta block pin A3026 per the Piper PA-45-500TP MailbulMendian MM chapter 61-10-00. Icertify that this ENGINE has been inspected in accordance with at 100-HOUR inspection and was betermined to be in airworthy condition. MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Fasgral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on 16 at 796 agency under Work Order No: 25564 Date: December 1, 2008 Signed Order No: 25564 Date: December 1, 2008 Signed Order No: 25764 Date: December 1, 2008 Order No: 25764 Date: December 1,				See AD ing dated Novem	ber 11, 2008.	
corresion inhibitor IAW Piper St. 1110. Prart & Whitney SIL No. PTGA-144N Compressor Turbine Wash Preventive Maintenance dated February 8, 2006 and PAWC PTGA-42A MM chapter 72:20-00. No corrosion noted at this time. Adjusted (de engine speed to within limits IAW Piper PA46-S00TP MM chapter 76:10-00 Installed new .041 safety wire on several v-band clamp-safeties IAW Piper PA46-S00TP MM chapter 21:30-50. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP MaliburMeridian MM chapter 61:10-00. Installed a new beta block pin A3026 per the Piper PA-45-S00TP SM PA1026 per the Piper PA-45-S00TP SM PA1026 per the Piper PA-45-S00TP SM PA1026 per PA3026 pe	Completed the	following addition	nal items:	V 25 V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Adjusted idle engine speed to within limits IAW Piper PA46-S00TP MM chapter 76-10-00 Installed new 041 safety wire on several v-band clamp-safeties IAW Piper PA46-S00TP MM chapter 23:30-00. Installed a new beta block pin A3026 per the Piper PA-46-500TP MallburMeridian MM chapter 61:10-00. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was Determined to be in arrowthy condition. MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Avisition Regulations and was found airworthy for return to service. Perturnal details: of the repair size on 166 at 76 agency under Work Orden No. 25661 Date: December 1, 2008 Signed for Skytech, Inc., P.O. Box 4942, Ballimore. MD SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log NA5FF ACTT: 577.9 Model: PT6A-42A Aircraft SN: 4697241 Eng. TT: 577.9 Model: PT6A-42A Aircraft SN: 4697241 Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection with current regulations of the Federal Avisition. Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Parlinent detains on file at the repair station office, WCH 25628 & 25636. Signature January 4, 2018 January 4, 2018 January 4, 2018 January 4, 2018 January 4, 2019 January 5, 2018 January 6, 2019 January 6, 2019 January 7, 2019 January 7, 2019 January 8, 2019 January 8, 2019 January 9, 2010 January 9, 2010 January 1, 2010 January 1, 2010 January 1, 2010 January 1, 2010	corros	ion inhibitor IAW ie Wash Preventi	Piper St. 1110 - P ve Maintenance de	ratt & Whitney SiL No. I sted February 8, 2008 ar	PT6A-144R1 Compressor	
installed new. 041 safety wire on several v-band clamp-safeties IAW Piper PA46-500TP MM chapter 21-30-00. Installed a new beta block p/n A3026 per the Piper PA-46-500TP MallburMeridian MM chapter 61-10-00. Confity that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition. MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Avisition Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this apency under Work Order No: 25640 Date: December 1, 2008 Signed 17.20. CRS# LFIR254K SUN AVIATION, INC., Vero Beach, F. (VRB) Date: 02/19/09 Engine Log Hobbs: 577.9 Model: PT6A-42A In service 2/28/06 ACTT: 577.9 SN: PCE-RM0261 In service 2/28/06 ACTT: 577.9 Performed a hot section boroscope per P&W PT6A-42A M.M. 72-00-00 with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection with current regulations of the Federal Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WCM 25626 & 25636. Signature January 4, 2016 Mater. 628.3 EngT G28.5 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repair or replacements were accomplished. 1. Completed and Annual Inspection per time Mather Aviation Single Engine 100 hour / Annual Inspection Checklist. 2. Completed and Annual Inspecti	 Adjust 	ted idle engine sp	eed to within limits:	IAW Piper PA46-500TP N	/M chapter 76-10-00	19
chapter 61-10-00. I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was betermined to be in airworthy condition. MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with corrent Federal Aviation Regulations and was found airworthy for return to service. Partiment details of the repair are on tife at this agency under Work Order No: 25684 Date: December 1, 2008 Signed Or Skytech, Inc., P.O. Box 4942, Baltimore, MD SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log Model: PT6A-42A In service 2/28/06 ACTT: 577.9 Model: PT6A-42A Aircraft SN: 4697241 In service 2/28/06 ACTT: 577.9 SN: PCE-RM0261 In service 2/28/06 ACComplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection with current regulations of the Federal Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent deta are on file at the repair station office. Work 25626 & 25635. Signature CRS # ECWR470D Sun Aviation, Inc. Mericipal Airport, Vero Beach, FL 32961 (772) 562-9257 January 4, 2016 N45FF, Piper PA46-500TP; SN: 4697241 Authorized Service Center PT6A-42A, SN: PCE-RM0261 Mcter; 628.5 EngT1 628.4 Completed and Assual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Component was accomplished. 1. Completed and Assual Inspection per MM table 602 minor, routine and 100 hour items. 3. Dressed leading edges of att first stage compressor blades per Pratt & Whitney MM 72-30-05. To be a performed component has been repaired and inspected in accord	 Instali chapte 	ed new .041 safe er 21-38-00.	ty wire on several t	band clamp safeties IAV	N Piper PA46-500TF MM	
Determined to be in airworthy condition. MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Avistion Regulations and was found airworthy for return to service. Partinent details of the repair fix on 16 at 18 sequency under Work Orden No. 25663 Date: December 1, 2008 Signed for Skytech, Inc., P.O. Box 4942, Baltimore, MD SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220. CRS# LFTR284K SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09 Engine Log Aircraft SN: 4697241 In service 2/28/06 ACTT: 577-9 SN: PCE-RM0261 In service 2/28/06 ACTT: 577-9 SN: PCE-RM0261 In service 2/28/06 MAINTENANCE RELEASE: This aircraft, airrrame, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent detains are on file at the repair station office, WO# 25628 & 25635. Signature Work Striper PA46-500TP, S/N: 4697241 Authorized Service Center Hayward Executive Airport FAA CRS No. Z4MR5607 MORE FIGA-42A, S/N PCE-RM0261 MORE FIGA-42A, S/N PCE-RM0261 MORE FIGA-42A, S/N PCE-RM0261 MORE FIGA-42A, S/N PCE-RM0261 MORE FIGA-42A S/N PCE-RM0261 MORE FI			block p/n A3026 p	per the Piper PA-46-500	TP Mallbu/Meridian MM	10
The aircraft and/or component identified above wes repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on fige at this agency under Work Order No: 25664 Date: December 1, 2008 Signed for Skytech, Inc., P.O. Box 4942, Baltimore. MD (or Skytech, Inc.,	I certify that thi	s ENGINE has b	een inspected in a dition.	coordance with a 100-H	OUR inspection and was	į.
The aircraft and/or component identified above wes repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on fige at this agency under Work Order No: 25664 Date: December 1, 2008 Signed for Skytech, Inc., P.O. Box 4942, Baltimore. MD (or Skytech, Inc.,	MAINTENANCE	ODLEASE				
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09	The aircraft en ourrent Federa of the repair ar	d/or component it	ione and was found sency under Work (d airworthy for return to se Order No: 25664 Date: I	Perinent details December 1, 2008	:: ::
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/19/09	ACCOUNT OF THE PARTY OF THE PAR	CRS# LF IR29		a contrast in the contrast contrast		54
Date: 02/19/09	34,4440 TOTA	The second secon	Secret 1		2002	
Date: 02/19/09		P.7	19	196		
Date: 02/19/09						
Hobbs: 577.9 Model: PT6A-42A Alroraft SN: 4697241 Eng. TT: 577.9 SN: PCE-RM0261 In service 2/28/06 ACTT: 577.9 SN: PCE-RM0261 In service with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished and inspection in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent data are on file at the repair station office, WO# 25626 & 25636. Signature CRS # ECWR470D Sun Aviation, Inc. Merricipal Airport, Vero Beach, Ft. 32961 (772) 562-9257 January 4, 2016 CRS # ECWR470D Sun Aviation, Inc. Merricipal Airport, Vero Beach, Ft. 32961 (772) 562-9257 January 4, 2016 Ft. Sample Compressor Service Center Ft. Acros. No. ZatM75607 Meter. 628.5 Eng. Tt. 628.5 Wow 610582 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs of replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Chocklist. 2. Completed engine inspection per MM table 602 minor, routine and 100 hour items. 3. Drissed leading edges of all first stage compressor blades per Prast & Whitney MM 72-30-05. 4. Oil cample taken and sent for analysis. 5. Performed compressor / compressor turbine wash and rinse. Techniciants): P. McClure, G. Llanda, D. Mowery, F. Mock This aircraft and/or component has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility. Inspection:				(B)	EEE	
Performed a hot section boroscope per P&W PT6A-42A M.M. 72-00-00 with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. Accomplished a visual inspection of the compressor inlet with no abnormalities noted. MaINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation. Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent deta are on file at the repair station office. WO# 25626 & 25636. Signature CRS # ECWR470D Sun Aviation, Inc. Memicipal Airport, Vero Beach, Ft 32961 (772) 562-9257 January 4, 2016 N45FF, Piper PA46-500TP, S.N. 4697241 Authorized Service Center Hayward Executive Airport Ff0A-42A, S.N. PCF-RM020 Meter 628.5 EngT c28.5 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs or replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour Annual Inspection Checklist. 2. Completed and Annual Inspection per MM table 602 minor, routine and 106 hour items. 3. Divessed leading edges of all first stage compressor blades per Pratt & Whitney MM 72-30-05. 4. Oil sample taken and sent for analysis. 5. Performed compressor / compressor turbine wash and rinse. Technicianis): P: McClure, G. Llanda, D. Mowery, F. Mock This aircraft and/or component has been repeated and inspected in accordance with applicable FARs, I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility.	Date: 07/4		Footpo Log	[944]		
was repaired and inspected in accordance with current regulations of the Faderal Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent data are on file at the repair station office, WO# 25626 & 25636. Signature CRS # ECWR470D Sun Aviation, Inc. Menicipal Airport, Vero Beach, FL 32961 (772) 562-9257 January 4, 2016 N45FF, Fiper PA46-500TP, S/N 4697241 Authorized Service Center Hayward Executive Airport FAA CRS No. Z4MR560Y Mcter. 628.5 EngTT 628.5 WO# 610582 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs or replacements were accomptished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Chocklist. 2. Completed engine inspection per MM table 602 minor, routine and 100 hour items. 3. Dressed leading edges of all first stage compressor blades per Pratt & Whitney MM 72-30-05. 4. Oil sample taken and sent for analysis. 5. Performed compressor / compressor blades per Pratt & Whitney MM 72-30-05. Technicianis): P. McChirc, G. Llanda, D. Mowery, F. Mock This aircraft and/or component has been repaired and inspected in accordance with applicable FARs. I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility.	Hobbs: 57 Eng. TT: 5	7.9 77.9	Model: PT6A-4	2A Air	craft SN: 4697241	
January 4, 2010 N45FF, Piper PA46-500TP, S/N 4697241 Authorized Service Center Hayward Executive Airport PT6A-42A, S/N PCE-RM0261 Mcter: 628.5 EngTT 628.5 EngTT 628.5 WO 610582 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs of replacements were accomplished: 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Cheskins. 2. Completed engine inspection per MM rable 602 minor, routine and 100 hour items. 3. Dressed leading edges of all first stage compressor blades per Prant & Whitney MM 72-30-05. 4. Oil sample taken and sent for analyus. 5. Performed compressor / compressor furbine wash and rinse. Technician(s): P. McClure, G. Llanda, D. Mowery, F. Mock This aircraft and/or component has been repaired and inspected in accordance with applicable FARs. I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are un file at this Facility.	Hobbs: 57 Eng. TT: 5 ACTT: 577 Performed noted. Ac	7.9 77.9 .9 I a hot section complished a v	Model: PT6A-4: SN: PCE-RM02 boroscope per l visual inspection	2A Air 61 In : P&W PT6A-42A M.M. ? n of the compressor i	craft SN: 4697241 service 2/28/06 72-00-00 with no abnormal nlet with no abnormalities	note
January 4, 2018 N45FF, Piper PA46-500TP, S.N. 4697241 Authorized Service Center Hayward Executive Airport FT6A-42A, S.N. PCE-RM0261 Meter. 628.3 EngTT-628.5 W0#-610582 This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs of replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual inspection Checklist. 2. Completed engine inspection per MM table 602 minor, routine and 100 hour items. 3. Dressed leading edges of all first stage compressor blades per Pratt & Whitney MM 72-30-05. 4. Oil sample taken and sent for analysis. 5. Performed compressor / compressor turbine wash and tinse. Technicianis): P. McClure, G. Ulanda, D. Mowery, F. Mock. This aircraft and/or component has been repaired and inspected in accordance with applicable FARs, I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility.	Hobbs: 57 Eng. TT: 5 ACTT: 577 Performed noted. Ac MAINTEN/ was repain Administra applicable are on file	7.9 77.9 1 a hot section complished a vance RELEAS and inspecte tion and is appnaircraft, engine at the repair sta	Model: PT6A-4: SN: PCE-RM02 boroscope per livisual inspection E: This aircraft, a d in accordance oved to return to and or appliance	2A Air 61 In a P&W PT6A-42A M.M. In of the compressor in inframe, aircraft engine with current regulations service. All work was a maintenance manuals 25626 & 25636.	craft SN: 4697241 service 2/28/06 72-00-00 with no abnormal nlet with no abnormalities propeller or appliance ident of the Federal Aviation performed in accordance with and instructions. Pertinent	note tified h
This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs of replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Checklist. 2. Completed engine inspection per MM table 602 minor, routine and 100 hour items. 3. Dressed leading edges of all first stage compressor blades per Prart & Whitney MM 72-30-05. 4. Oil sample taken and sent for analysis. 5. Performed compressor / compressor turbine wash and rinse. Technicianis): P. McClure, G. Llanda, D. Mowery, F. Mock. This aircraft and/or component has been repaired and inspected in accordance with applicable FARs. I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility. Inspector:	Hobbs: 57 Eng. TT: 5 ACTT: 577 Performed noted. Ac MAINTEN was repain Administra applicable are on file: Signature.	7.9 77.9 7.9 1 a hot section complished a vance RELEAS and inspecte tion and is appnaircraft, engine at the repair sta	Model: PT6A-4: SN: PCE-RM02 boroscope per livisual inspection E: This aircraft, a d in accordance oved to return to and or appliance tion office, WO#	2A Air 61 In a P&W PT6A-42A M.M. In of the compressor in inframe, aircraft engine with current regulations service: All work was a maintenance manuals 25626 & 25636. CRS # EC	craft SN: 4697241 service 2/28/06 72-00-00 with no abnormal nlet with no abnormalities propeller or appliance ident of the Federal Aviation performed in accordance with and instructions. Pertinent WR470D	note tified h
replacements were accomplished 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Checklist. 2. Completed engine inspection per MM table 602 minor, routine and 100 hour items. 3. Dressed leading edges of all first stage compressor blades per Pratt & Whitney MM 72-30-05. 4. Oil sample taken and sent for analysis. 5. Performed compressor / compressor turbine wash and rinse. Technicianis): P. McClure, G. Llanda, D. Mowery, F. Mock. This aircraft and/or component has been repaired and inspected in accordance with applicable FARs. I certify that this Engine has been impected in accordance with an Annual Inspection and is approved for return to service. Pertinent details of the work performed are on file at this Facility. Inspector.	Hobbs: 57 Eng. TT: 5 ACTT: 577 Performed noted. Ac MAINTENA was repain Administra applicable are on file Signature, Sun Aviati	7.9 77.9 7.9 1 a hot section complished a value of the repair states of	Model: PT6A-4: SN: PCE-RM02 boroscope per livisual inspection E: This aircraft, at d in accordance oved to return to and or appliance tion office, WC# ipal Airport, Vero	2A Air 61 In a P&W PT6A-42A M.M. In of the compressor in inframe, aircraft engine with current regulations service. All work was a maintenance manuals 25626 & 25636. CRS # EC Beach, FL 32961 (772)	craft SN: 4697241 service 2/28/06 72-06-00 with no abnormal nlet with no abnormalities propeller or appliance iden of the Federal Aviation performed in accordance with and instructions. Pertinent WR470D) 562-9257 Mather Aviation LLC Hayward Executive Airport	note tified h detai
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January 28, 2011 Beach craft Mather Aviation LLC	ME VAMO VAMO
This is a permanent part of the Engine Records. The following inspection, maintenance, repairs or replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Checklist. 2. Completed engine inspection per MM table 601 minor, routine and 100 hour items. 3. Oil sample taken and sent for analysis.	- VANIO
Technician(s): F. Mock, D. Mowery, R. Dodge I certify that this Aircraft and/or component has been inspected in accordance with applicable FARs and an Annual Jaspection, was determined to be in an airworthy condition and is approved for return to service. Pertinent details of the work performed are on file at this Facility. Inspector: Kevin Kelley for CRS# ZMR560Y	
Jamiary 13, 2013 Beechcraft Mather Aviation LLC N45FE, Piper PA46-500TP, S/N: 4697241 Authorized Service Center Hayward Executive Amport PT6A-42A, S/N: PCE-RM0261 FAA CRS No. Z4MR560V Meter 301.7 Enert 301.7 WO# 612853	
This is a permanent part of the Engine Records. The following inspection, maintenance, repairs of replacements were accomplished. 1. Completed and Annual Inspection per the Mather Axianon Single Engine 100 hour. Annual inspection Checklist. 2. Completed engine inspection per MM table 601 minor, notine and 100 hour items. 3. Oil sample taken and sent for analysis. 4. Removed and replaced worn igniter plogs. 2 ms. prit C1134055, units ops checked good. 5. Adjusted alternation and air conditioning compressor belts tension to within limits. Technician(4). R. Tello, L. Stelling, P. Met fare. Legrify that this Aircraft and/or component has been inspected in accordance with a 14 CFR. 91.409(a)(1). Annual Inspection, was determined to be in an airworthy condition and is approved for return to service. Pertinent details of the york performed are on file at this facility.	
Inspector Peter McClure for CRSe 74MR300V	
March 11, 2013 Seechcraft Mather Aviation LLC N45FF, Piper PA46-500TP, S/N: 4697241 Authorized Service Center PT6A-42A, S/N: PCE-RM0261 FAA CRS No. 24MR560V Meter: 728.2 EngTT 728.2 WOE 613899	
This is a permanent part of the Engine Records. The following inspection, maintenance, repairs of replacements were accomplished. 1. Completed and Annual Inspection per the Mather Aviation Single Engine 100 hour / Annual Inspection Checklist. 2. Completed engine inspection per MM table 601 minor, mutine and 100 hour items. 3. Oil stumple taken and sout for analysis. 4. Removed and replaced is ring, prin M83248/1-904, on factoril heater drain plug and sufetied. No leaks noted on engine run. Technician(s): V. Franco, D. Mowers, P. McClure, M. Dudies, R. Tetto	
I certify that this Aircraft and/or component has been inspected in accordance with a 14 CFR. 91.409(a)(1) Annual Inspection, was determined to be in an airworthy condition and is approved for return to service. Pertinent details of the work performed are in file at this facility. Inspector. Peter McClure for CRS# Z4MR560Y.	
January 24, 2014 Beechcraft Mather Aviation LLC N45FF, Piper PA46-500TP, N/N 4697241 Authorized Service Center Hayward Executive Airpoint PT6A-42A, S/N PCE-RM0261 FAA CRS No. Z4MR560V Mister 755.7 EngT1 755.7 WOW, 613133	
This is a permanent part of the Engine Records. The following inspection, maintenance, repairs or replacements were accomplished. 1. Removed and replaced o-ring, p/n 3-904V747-75, on fuel/oil heater drain plug and safetied. No leaks noted on engine run. Topped off engine with 1 qt. BP 2380 oil	
Technician(s). P. McClure This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Facility.	Page
Inspector St. He le	1052

May 14: 2015	Beechcraft Authorized Service Center	Mather Aviation LLC Hayward Executive Airport		AME
SLISTE Paper PA46-500TP, SIN: 4697241 FT6A-42A, SIN: PCE-RM0261 Meter: 801.8 EngTT 801.8		FAA CRS No. Z4MR560Y WO# 615902	nature	ACA/AMO SCA/AMO
Meter 801.8 Eng T1 801.8 This is a permanent part of the Engine	Records. The following inspec-	tion, maintenance, repairs or		Survivios.
replacements were accomplished	47.1440	and Count #1 & 2 Inspection		
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Checklist. 2 Completed engine inspection per l	bert and Whitnes AIM table 601:	minor, rounne and 100 hour		
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items. Oil sample taken and sent for anal	VIII.			
		p detector checks OK		
sentaged hose assemblies 2 cli pil	1 124F////2-4C.100100, 1 ea. p.n 1.	[[F504-430124, 1 ca pm		
11F502-4S0216. No leaks noted of Removed overspeed governor p/n				
 Removed overspeed governor p/n overhaul. Reinstalled same govern 	210038, sid. 14114023 and same	o' AMO# 01-08, Rm engine		
	210-007-01, s/n: 14410018 and 5	ent for 4500 Hr / 72 Mo.		
 Removed primary governor pm. I overhand. Reinstalled same govern 	nor after overhauf by Action Acr	a, WWOR 01-08 Ban engine		
and rest and leak checks ON.				
T Adversed towardle N1 to within his	nita.			
A dissense may propeller RPM to y	vithin firmts			
Philipping DPM 1	o with limits	ed.		
Najusted property reverse X 10. Propeller removed for overhaut.	installen biobenet atter overnane	90		
Technician(s) P. McClure L. Sieling R.	Defries D. Mowery, R. Dodge			
Technician(s) P. McClure, L. Steing, h. Leertify that this Aircraft and/or compon	ent has been inspected in accorda	nce with a 14 CFR		
91.409(a)(1) Annual Inspection, was det resum to service. Pertinent details of the v	ork performed are on file at this	facility.		
r/ (.co.	Per Sa			
· C · Sacra	out:			
Kevin Kelley for CRS# Z4MR	8Y			
	May 29, 2014 N45FF Piper PA46-50(TP P&W PT6A-42A S/N PCE-RM! Meter 803.1 EngTT 80 This is a permanent part of the E	2.1 Engine Records. The following	inspection, man	Mather Aviation LLC layward Executive Airport FAA CRS No. Z4MR560Y WO#: 615961 stenance, repairs or
	N45FF Piper PA46-500TP P&W PT6A-42A SN PCE-RMi Meter 803.1 EngTT 80 This is a permanent part of the t replacements were accomplished in Removed top cowl, adjusting secured adjusting Technician(s) L. Sieling R. D.	Authorized Service Cent (726) 1.1 Engine Records: The following d unted primary governor max sta- cuts and reinstalled top cowl.	inspection, man	layward Executive Airport FAA CRS No. Z4MR560Y WOW 615961 stenance, repairs or d prop RPM is within MM
	N45FF Piper PA46-50(TP P&W PT6A-42A SN PCE-RMI Meter 803.1 EngTL 80 This is a permanent part of the treplacements were accomplished in Removed top cowl, adjustments, secured adjustments according to the treplacement of the tre	Authorized Service Cent 2261 2.1 2.1 2.1 2.2 2.2 2.2 2.2 2.2 2.2 2.	inspection, man p, ran engine an in accordance work nerformed	layward Executive Airport FAA CRS No. Z4MR560Y WOW 615961 stenance, repairs or d prop RPM is within MM
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May 31, 2016	N4SEF Piper PA46-500TP P&W PT6A-42A SN PCE-RMi Meter 803.1 EngT1-80 This is a permanent part of the replacements were accomplished in Removed top cowl, adjusting secured adjusting Technician(s) L. Sieling R. D. This arcraft and/or component Aviation Regulations, was foun to service. Pertinent details of the Inspector Royal Kelley For C.	Authorized Service Cent 261 211 Engine Records The following d usted primary governor max strents and reinstalled top cowl. odge has been repaired and inspected id airworthy with respect to the he work performed are on file at CEST 7 MR560Y Author Aviation Center Hayward Execution	inspection, man pp, ran engine an in accordance work performed t this Facility.	layward Executive Airport FAA CRS No. Z4MR560Y WOW 615961 stenance, repairs or d prop RPM is within MM
NASEE Piner PA46-200TP, 5/1	N45FF Piper PA46-500TP P&W PT6A-42A SN PCE-RMi Meter 803.1 EngTL 80 This is a permanent part of the replacements were accomplished in Removed top cowl, adjusting secured adjusting Technician(s) L. Sieling R. D. This arcraft and/or component Aviation Regulations, was foun to service. Pertinent details of the Inspector Royal Kelley for Cl. Beecher 4697241 Authorized Service	Authorized Service Cent 2.1 Engine Rocords. The following d usted primary governor max statents and reinstalled top cowl. odget has been repaired and inspected a sirworthy with respect to the he work performed are on file a RS# 74MR560Y aft Mather Aviation FAA CRS No. Z	inspection, man p, ran engine an in accordance work performed t this Facility. fon LLC we Airport 4MR560Y	layward Executive Airport FAA CRS No. Z4MR560Y WOW 615961 stenance, repairs or d prop RPM is within MM
N4SFF, Piper PA46-500TP, 5/9 PT6A-42A, S/N: PCE-RM0261	N4SEF Piper PA46-500TP P&W PT6A-42A SN PCE-RMI Meter 803.1 EngTT 80 This is a permanent part of the replacements were accomplished. Removed top cowl, adjustments, secured adjustments, secured adjustments accomplished. L. Sieling R. D. This aircraft and/or component Aviation Regulations, was foun to service. Pertinent details of the service of the se	Authorized Service Cent 261 211 Engine Records The following d insted primary governor max stri ents and reinstalled top cowl. odge has been repaired and inspected id airworthy with respect to the he work performed are on file a RS# 7-MRS60Y aft Mather Aviati FAA CRS No. Z WC	inspection, man pp, ran engine an in accordance work performed trhis Facility. ion LLC we Airport 4MR560Y io 616450	layward Executive Airport FAA CRS No. Z4MR560Y WOW 615961 stenance, repairs or d prop RPM is within MM
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May 26, 2017 N45FE, Piper PA46-500TP, S/N: 4697241 PGA-42A, S/N: PCE-RM0261 Mctst, 844.7 EngTT: 844.7	Reecheraft Authorized Service Center	Mather Aviation LLC Hayward Executive Airport FAA CRS No. Z4MR360Y	Details of task
his is a permanent part of the Engine	Records. The following inspec	WQ# 616948	
Policinents were accomplished			
1. Complied with Annual Inspection	per the Piper Maintenance Mani-	ml Event #1 & 2 Inspection	
E-HSCKHSL			
 Completed engine inspection per Pr items 	att and Wlutney MM table 601 a	nimer, routine and 100 hour	
 Oil sample taken and sent for analysis 	616		
4. Complied with 400 hour fuel nozzle	cleaning and flow check no des	lects noted. Installed novels	
doornames with new Samerts 14 cu.	EB MILLIAT Chemps Miga of	n: M83238/1 Mill mid 3am	
new mer muck but 3011122 No re	this or defects noted during most i	INCOMPRANTAL PROPERTY.	
5. Complied with 400 hour borescope 6. Complied with 600 Hz / 12 Mo. shr	mapeetina per EMM 72-66-00 ar	nd no defects noted.	
6 Complied with 600 Hr / 12 Mo. chi 7. Serviced with 3 quarts HP 2380 furth	p detector bridge gap check and	chip detector checks OK	
chnician(s) L Sieling R Dodge D Vita	al .		
ertify that this Aircraft and/or component	has been inspected in accordance	with a 14 CFR 91 409(a)(1)	
minut important was determined to be in:	HIS SEEDING ROUNDANCE VATURABLE HE	noved for return to service.	
rtinent details of the work performed are o	n file at this facility		
pectar K 800			
Kevin Kelley for CRS# Z4MR36	av.		
	21511		
	June 7_2018	Beechcraft	Mather Aviation LLC
	N45FF, Piper PA46-500TP, S/N	4697241 Authorized Service Cente	r. Hayward Executive Airport
	PT6A-42A, S/N: PCE-RM0261	DANGER MILITARY STATES	FAA CRS No. Z4MR568Y
	Meter 931.2 EngTT 933	2	1000 Ac. 2 (44)
	this is a permanent part of th	he Engine Records. The following insp	section, maintenance, repairs or
	APPLIED TO SEE THE PROPERTY OF	1	
	Checkim	Inspection per the Piper Maintenance Ma	anual Event #1 & 2 Inspection
		ction per Pratt and Whitney MM table 50	Empire rooms and 100 keys
	(14/1719)		minus, routine and 100 nout
	3 Oil sample taken and ser	nt for analysis.	
	 Replaced right igniter le. 	aid with new p/n: 3119626-01. Igniters op	s check OK
	5 Complied with 600 Hr. /	12 Mo chip detector bridge gap check a	nd ship detector checks OK
	Technician(s) L Sieling R Do	dge, D. Mowery	
	certify that this Alreraft and/or	component has been inspected in accorda	mse with a 14 CFR 91 409(a)(1)
	Amusi impection, was determine	ed to be in an airworthy condition and is	approved for return to service.
	Pertinent details of the work perf	ormed are on file at this facility.	
	Inapector (L. Lo	D-	
	Kevin Kelley for CRS	# Z4MR 560Y	
		- q-22-	
			The same of the last of the la
W W /	A V AND T	V / : 7	
N45FF Engine Log Date 4/1/	2019 Hobbs 955.4 TTS	New 955.4	
REPLACED OIL FIETER WITH NEW	P/N 05228-7579431. REPLA	CED P3 FILTER WITH NEW P/N WEST	86238 REPLACED FUEL
- POWIP PRESSURE FILTER, INSPEC	FED INLET SCREEN. NO DEFE	CTS NOTED REPLACED STARTER/GG	MERATINE WITH HONGLED
AINCHAPT ALLESSORIES OVERHA	ULED P/N 2005GL145Q S/N 5	200145. REPLACED (2) PHASOSS IGNI	TEDS WITH METH
REPLACED LEFT IGNITION HARNE	55 WITH NEW P/N CH53399	02. COLLECTED AVI AS OIL SAMPLE	INSPECTED COMBRESSOR
MALE I NO DEPECTS NOTED. REA	PPLIED CORROSION X. PERF	ORMED SORESCOPE INSPECTION IN	O DEFECTS NOTED
COMPLETED EVENTS 1 AND 2 IN	ACCORDANCE WITH PIPER PA	M6-500TP EVENTS 1 AND 2 INSPECT	ION CHECKIETS A D.C.
MESEARCHED THROUGH 2019-05	 PERFORMED COMPRESSOR 	AND CT WASH AND RINGE	
I certify that this engine has been	inspected in accordance wit	han Event 1 and 2 inspection and w	St datarminad to be to
airworthy condition.	The state of the s	and sustreeting and w	as determined to be in
Work performed by Tiffin Aire, in	è:	Signatura Some RX	245045
	- -	Signal and State of the All All All All All All All All All Al	34621561A
	 		



StandardAero

CRS# U8TR793Y; EASA# 145.5299

800 E. Dalles Road, Suite 406, Grapevine, TX 76651

600 E. Dallas Ros	id, Suite 406, Grape	vine, TX 76051		PT6A-42	9-A	Work Orden	40-01362
Manufacturer	Pratt & Whitney Canada		Model No:	Lightern			232/383
tonus services		With the Control of t	Serial No:	PCE-RM0261		Order/Task:	
the heart of the second		physical in	972	TSO:	N/A	C50:	N/A
TSN:	1143.9	7.300	3/2	Damound and	replaced (1)	each fuel manifold	issembly for

Details of work performed: Performed B51. Reference borescope report. Removed and replaced (1) each fuel manifold assembly for access. All work accomplished in accordance with the Pratt & Whitney Canada PT6A-42A Maintenance Manual P/N: 3021442 Revision No. 59.0 Dated July 20, 2020.

Note: Customer removed engine cowlings. Customer must install engine cowlings and perform leak check before returning engine to

Pertinent details of this repair are on file at this repair station under work order: 40-01362.

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed, DATE:

N. Tre contracts.	SIGNATURE		DATE:	
UTHORIZED BY (PRINT):	SIGNATURE:	Tx	1529677946	
04.4000 MOTOR #524Power	1 Witness	ignal la	15-Sep-20	
Nathaniel Sedore				
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N/A	z	N/A	Engine Cycles Since New (CSP)	Engine Time Since New (TSN):
Cycles Since Overhand (CSO):	Cycles Since	Time Sleer Ownhaul (TSO):		M.E. ROMOZON
972		Single	Engine Model: PT6A-42A	Engine SIN:
Aircraft Total Landings:	Aircraft Te	Part The Part Tolling	0.00000	PA-46TP-500
1143.80	(1) meaning	Aircraft Serial Number: 4697241	Aircraft Registration Number:	Aircraft Type:
				-
Date: November 20, 2020	Work Order Number: FLD10402	Rook Entry	Engine Log Book Entry 2988 West Wolstell Hall Lance OFW Airport, TX 75261	DallasAirmotive

and other data and methods acceptable to the administrator. Propeller installation and engine leak check and ground runs are reference to The Pran & Whitney PT6A-42A Maintenance Manual P/N: 3021442, Revision 60.0, Dated September 10, 2020 installed a Factory New T-5 Wire Harness P/N; 3112214-01 S/N; 00198NRA106292. All work was performed with Work Performed: Installed previously removed hot section components to comply with the hot section inspection. Also required before returning the engine to service.

NOTE: Reference 8130's from Dallas Airmotive work order RPR55689 for individual component repairs.

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 This certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected

340

Repair Station

Anthony Paul for Dallas Artinotive

FAA CRS #YRRR491L

Signature

SCA/AMO ACA/AMO

eignature



PA46-500TP

Model No.

Cutter Aviation Dallas, Inc. 4500 Claire Chennault Drive Addison, TX 75001

Engine Log Ent	ry
PT6A-42A SN PCE-RM	

Aircraft TT	1143.8
Engine TT	1143.8
Engine Cyc	972

4697241 Serial No. Performed a 100 hour inspection in accordance with the PA46-500TP series maintenance manual event 1&2 checklist MM 5-20-00. Complied with 12 month compressor desalination wash, compressor turbine desalination wash, and compressor performance recovery wash in accordance with Prat MM 71-00. Performed drying run as required:

Complied with 12 month/600 hour chip detector bridge check in accordance with MM 72-00-00 3A page 612. No defects noted, Secured and saffied.

Complied with VNP 2019 Oil to fuel heater replacement in accordance with service instructions. Removed PN 10385K SN WA22812 and installed overhauled unit PN 10994A- RevA SN WA44015. Secured and safted, Performed engine operational check with no leaks

Removed hot section and sent to vendor for repair. Vendor performed hot section see log entry WO FLD10402 for details. Vendor installed hot section. Performed ground operational checks in accordance with Pratt MM 71-00 and found engine to be operating in proper parameters. No leaks noted.

Complied with 500 hour RGB oil scavenge screen inspection in accordance with MM chapter 5. No defects noted:

Complied with 1000 hour AGB internal scavenge pump inlet screen cleaning /inspection in accordance with Pratt MM 72-00-00 table 601. No defects noted

Inspected exceedance high oil pressure 136,3 for .02 sections on 2/20. No action required in accordance with Pratt MM 71-00-00 table 506.

d in accordance with a 100 lower impaction and has been determined to be in air-

e:	December 18, 2020	et this repair station under Wo CRS# UXCR663X	Part -	Robert Fulcher
	Engine 1265.0 1. Con Maintenance M element; 3. Cle	npieted Annual inspectanual, event 1 & 2 chi lanual, event 1 & 2 chi laned oil screen; 4. Chi that this engine has li ion and found to be in	stion IAW PA46-500TP Meridi eck lists; 2. Replaced fuel pur necked oil service level. been inspected in accordance an airworthy condition.	with an
	License Number			
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PAAAlmited States	HLLIY	AUTHORIZED RELEASE CERTIFICATE	ASE C	ERTIFICATE	1 40 0 40	
		FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	HINESS AP	PROVAL TAG	S. Work Order/Contract/Involuc	
4. Organization National Address:		LLC 7290 W LINTH PLACE BROOMBILLD, CO US 80020	COONTILL	D. CO US 80020	2110767	
LEGNATURAGE CONTRACT		0 0	0 Quantities	10. Serind Manibles.		T
6. Itemi 7. Description:	A. Part	R. Part Samuer		STATOLI	Civertrailled	
Toneswell Fael Control	frod	4138014-1	-	0.079		T
(2. Remarks: Overhanded and te-calibrated I Complified with Honey well SB TSO: (LOR	Fuel Centrel Will # DIFF2-33-3R3.	Remarks: Overhauled and te-calibrated Fuel Control with reference to Honeywell manual 7 Compiled with Honeywell SB# DPF2-33-5R3, 19PF2-73-7, and 4138014-73-2R1 TSO: 0.00	al 93-20-35 28 L	Remarks: Overhanded and te-calibrated Fuel Control with reference to Honeywell mammal \$1-20-35 Rev 1 (02/90) and other data acceptable to the administrator. Compiled with Honeywell SB# DPF2-73-72, DPF2-73-72, and 4138014-73-28 L. TSO: 0.00	prable to the administraking	
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13h. Certifies the terms identified abuse were manufactured in conformity to:	ve were manufactor	ect in conformity to:	Lac. 5 14	14a, □ 14 CFR 43.9 Return to Service □ Other regulation specified in Block 1 Certifies that uniters atterwise specified in Block 12, the work identified in Block 11 and described in Block 12 was necomplished in accordance with Title 14, Code of and described in Block 12 was necomplished in accordance with Title 14, Code of and described in Block 12 was necomplished in accordance with Title 14.	[2] Other regulation specified in Black 12 that 12, the work identified in Black 11 it in accordance with Title 14, Code of in that work, the from are approved for	2 1
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Section 4: Record of engine applicable airworthiness directives, airworthiness limitations and equivalent mandatory requirements Reference Effective date Compliance Compliance (e.g. AD #) --1--1--Description of requirements threshold Interval SIGNATURE LICENCE NUMBER CF-98-24 0.8 OCT 2005 AD. HAS BEEN COMPLIED WITH DURING MANUFACTURE AND THE B.D.V. FAA A D 97-04-12 0 8 OCT 2005 FOR LIST OF SIBS INCORPORATED SEE ATTACHED ENGINE BUILD RECORD NAME PRINTED: B. HUNGERFORD DATE SIGNATURE TO REVIEW SERVICE BULLETIN & AIRWORTHINESS DIRECTIVE LICENSE NUMBER STATUS AFTER THIS REPAIR REFER TO THE ATTACHED DOCUMENTATION (REF: SALES ORDER 148238). 21 OCT 2007 EARLE F. ALIJEN, AUTHORIZED INSPECTOR PRANCE WHITNEY ENGINE SERVICES, INC. FAA APPROVED REPAIR STATION CERTIFICATE NUMBER: LMIR301K

Page no : 1

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO.

PCE-RM0261

ENGINE MODEL

PT6A-42A

BUILD SPEC

1192

SERVICE BULLETINS

3363	3365	3368	3371	3372	3373	3374	3382	3386
3388	3389	3392	3393	3394	3395	3398	3401	3406
3411	3412	3419	3420	3421	3423			

APPROVED BY:

DATE: 2017.06.06

Service Centre - PL81 - WV FAA ARS, No. LMIR301K

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA ARS, No. LMIR301K

Status of Airworthiness Directives for This Shop Visit

Sales Order: 148238

Customer: Flightline Group

Description: GAS GENERATOR MODULE

Print Date: 06-JUN-2017

Model: Serial Number: RM0261

PT6A-42A

Page: 001 of 001

Document No.

Revision No.

00

Status

Description

FAA 97-04-12 000

Embodied

COMPRESSOR BLEED OFF VALVES

I hereby certify that the above airworthiness directives with status "EMBODIED" have been incorporated or found embodied in this engine as per the manufacturer's recommendations.

Authorized	Inspector:	

United States, 26330 FAA ARS, No. LMIR301K

List of Service Bulletins and Special Instruction incorporated this visit.

ales Order: 148238 Customer: Flightline Group

odule Name: GAS GENERATOR MODULE Print Date: 06-JUN-2017 Page: 001 of 001 odel: PT6A-42A

erial Number: RM0261

ocument No.	Revision # Class	Description
B 3003 000	20 3	OPERATING TIME BETWEEN OVERHAULS AND
B 3432 000	00 6	BOLTS & NUTS OF THE FCU CONNECTOR ROD -

hereby certify that the above modifications and directives have been corporated in this engine as per the manufacturer's recommendations.

chorized	Inspector:	

January 5, 2023

N411R PA46-500TP 5/N 46-97241

Hobbs- 1379.3 TTAF- 1379.3

Inspected and tested the ELT in accordance with FAR 91.207 (d)1-4 and found acceptable. Next due in January 2024. The ELT battery expires in January 2024. Performed routine service and maintenance items including lubrication of pulleys, rod ends and hinges. Charged and tested the aircraft battery and found satisfactory results.

Replaced the nose tire with a new Goodyear 500 5 10 ply Flight Special tire. Replaced the right main tire with a new Goodyear 600 6 8 ply Flight Custom III tire. Installed new inner tubes in both tires and inflated all the tires to the flight manual specification. Completed multiple landing gear retraction cycles including emergency extension on the jacks and found satisfactory results and normal gear warning indication. Reviewed the airworthiness directives using ATP Regulatory Library revision 12/30/2022 and created a new compliance record. All ADs are current. Inspected this aircraft as required by 14 CFR 91.409 (a)(1) using checklist meeting the requirements of 14 CFR part 43.15 (c)(1) and the Piper PA46-500TP Meridian Maintenance Manual for Events 1 and 2. Complied with Instructions for Continued Airworthiness per the 337 requirements for the Garmin G950 and related components dated 11/08/2019, The Climate Control System 337 dated 12/07/2020 and the MD302 337 dated 12/07/2020. Performed post maintenance/inspection operational checks as required by 14 CFR part 43.15 (c)(2) with satisfactory results. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and is determined to be in airworthy condition at this time and date. This aircraft is approved for return to service. Test ran. Operational and leak checks satisfactory. End.

JAMES HODDENBACH AP2607837IA

January 5, 2023

N411R Engine Pran & Whitney PT6A-42A S/N- RM0261

Hobbs- 1379.3 Engine TT- 1379.3 Airframe TT- 1379.3

Replaced both ignition ignitiers with new Champion part number CH34055 parts. Replaced the fuel pump filter element with a new part number AN6235-3A. Cleaned the oil screen and serviced the engine with Exxon 2350 oil. Inspected this engine in accordance with the Piper Meridian PA46-500TP Maintenance Manual events 1 and 2in conjunction with an airframe annual inspection as required by 14 CFR 91.409 (a)(1) using a checkfirst meeting the requirements of 14 CFR part 43.15 (c)(1) and part 43 appendix 17. Performed post maintenance/inspection operational cheeks as required by 14 CFR part 43.15 (c)(2) with satisfactory results. The engine was repaired and or serviced in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to the work performed. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time and date. END.

JAMES HODDENBACH AP2607837IA

January 5, 2023 N411R

Prop. Hartzell HC-E4N-3Q, S/N- HH2407

Hobbs- 1379.3 Prop TSO- 235.5 Airframe TT 1379.3

Performed a 100 hour inspection in accordance with the PA46-500TP series Maintenance Manual events 1 and 2 in conjunction with an airframe annual inspection. The propeller was inspected and or serviced in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to the work performed. Performed post maintenance/inspection operational checks as required by 14 CFR part 43.15 (c)(2) with satisfactory results. 1 certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time and date Test run. Operational checks were satisfactory.

END AMES HODDENBACH AP2607837IA