

DUNCAN AVIATION

2015 PIPER MERIDIAN N929DA S/N 4697573

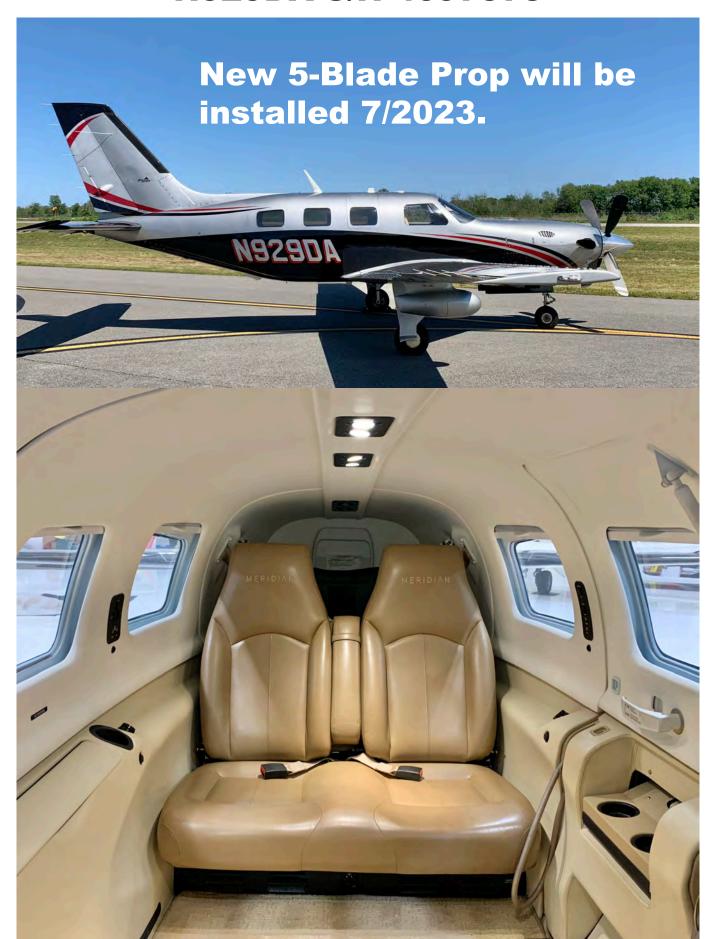
TECHNICAL HISTORY



ALL SPECIFICATIONS ARE SUBJECT TO VERIFICATION AND INSPECTION BY PURCHASER. SUBJECT TO PRIOR SALE OR WITHDRAWAL FROM MARKET.



2015 PIPER MERIDIAN N929DA S/N 4697573





New 5-Blade Prop will be installed 7/2023



CORE VALUES



At Duncan Aviation, We:

Deliver high-quality products and services.

Charge fair prices and provide efficient turntimes.

Lead through action and innovation.

Focus on solutions and offer positive suggestions.

Respect others and are accountable for our actions.

Maintain a team approach.

Value honesty, integrity, loyalty and trust.

Promote safety, health and wellness.

Support our communities and respect the environment.

Are proud to be the best at what we do.

"As you live your values, your sense of identity, integrity, control, and inner-directedness will infuse you with both exhilaration and peace. You will define yourself from within, rather than by people's opinions or by comparisons to others."

Steven Covey, Author and Public Speaker

"Set your expectations high; find (those) whose integrity and values you respect, set them on a course of action and give them your ultimate trust."

> - John Akers, Former CEO of IBM



AND EQUIPMENT IDENTIFICATION

WHITE - OWNER COPY (keep with aircraft)

PINK - FACTORY COPY BLUE - DEALER COPY

FORM 250-032 (Rev. 01/12)

POH # VB-1993 Arcraft Key # PA222X Fuel Key # N/A OWNER SERVICE AGREEMENT POLICY NO.

63630

CUSTOMER DELIVERY DATE TACH

11/14/14 4.5

PIPER DEALER

1032

BUIE - DEALER COPY			Fuel Key # N/A				FIFER DEALER			
BLUE - DEALER COPY			Fuel Key # N/A				1032			
A/C MODEL YEAR 2015 A/C MODEL PA-46-500TP			SER	IAL NUMBER	4697573 F	REGISTRATI	ON NUMBER	N929DA		
1WO	NER'S NAME	A&W Air,	LLC		DEA	LER I	lightline Grou	n Inc		
ADDRESS 3325 Crews Lake Drive				DEALER Flightline Group, Inc. ADDRESS 3256 Capital Circle SW						
Lakeland, FL 33813			ADL							
-		Lakerand,	FL 330.	13	-		Tallahassee, FL	,32310		
					1					
EQ				CTORY INSTALLE		ODELLED I	MODE		OFDIAL I	
4	ENGINE(S)		DEL \-42A	PCE-RM0651	1	OPELLER	MODE			NUMBERS
1.	LEFT/SINGLE	PIGA	1-42A	PCE-RM0651	3.	HUB	HC-E4N- L52436			4976
0	DIOLITERANNI	-			4.	BLADE	L52436	L52439	L52437	L5243
2.	RIGHT/TWIN		4		5.	HUB				
A \ //	01100				6.	BLADE				
AVI	ONICS	NOMENCL	ATLIDE		1		NOMEN	CLATURE	-	
	MFG.	AND MC		SERIAL NUMBER		MFG.		MODEL	SERIA	NUMBER
7.	Garmin	GIA-63W (G-		1HQ011552		Honeywell	KTA 810 Pr		KTA810-	4225
8.		GIA-63W (G-		1HQ011564			KA 815 Ant		30412	
9.		GMA 1347 Au		47115896		Honeywell	KA 815 Ant		28289	
10.		GMA 1347 Au	dio pnl #2	47115925			KCM 805 M		18675	
11.		GTX 33 ES Tran	sponder #1	89127964		Stormscope	WX-500		100498	
12.		GTX 33 ES Tran	sponder #2	89128053			NY-163 Ant	tenna	100361	
13.		Ant. CI-105 1		67686		Sandia	Five Card C	ase SRU5	2110	
14.		Ant. CI-105 2		67688			Tach Adapto	or	932	
15.		GDU 1040 Ds	ply #1	88958396			Relay Board	SR623	2801	
16.		GDU 1040 Ds	ply #2	88958407		5	Relay Board	SR623	2828	
17.		GDU 1500 Ds	oly	43226287			Diode BD S	A24	2136	
18.		GEA 71 Interfa	ce (DAU)	46719071			Diode BD S.	A24	2166	
19.		GRS 77 AHRS	#1	42027797						
20.		GRS 77 AHRS	#2	42027802		L3	ATT. GYRO)	90111	
21.		GMU 44 MAG	#1	47523326		Thommen	Airpseed		1080063	
22.		GMU 44 MAG	#2	47523327			Altimeter		1077565	
23.		GDC 74A a/d	Comp.#1	20618429		Safe Flight	Lift Comput	er	159285-0	4
24.		GDC 74A a/d	Comp.#2	20618438		Honeywell	Cabin Alt/A	DJ	84-C1255	
25.		GA 35 WAAS	Ant.	106191		ARTEX	ME 406 ELT	1	242-0241	2
26.		GA 35 WAAS		106249			Battery repla		NOV 202	
27.		GCU 476 Key	Pad	21905707		Artex	ELT Beacon	Code	ADCC4 0	25BØ 003
28.		GDL 69A		47767962		Moritz	Enviro Pane		5146	1
29.		GWX 68 WX	Radar	83953782		Enviro Sys.	Temp. Cont		722 ·	(Que
30.		Radar Antenna		1315			Cabin Temp		1485	1
31.		XM WX ID (da	ata)	T3L3YORQ			Mass Flow C	Cont.	549	Lud.
32.		XM Audio ID		Q593YO84		ASTRONIC	S INVERTER		001795	1
33.		GTP 59 OAT I		47924726		BFG	PS-834A		80554	
34.		GTP 59 OAT I		47925312		COMANT	COM ANT		467443	
35.		GAE 43 Alt. D		12587					465605	
36.		G1000 SW Vei	rsion	0720.		MEGGITT	FUEL QTY		AAR0070	
37.		G1000 SYS ID		253C724E5			FUEL QTY	PROC #2	AAR0071	
AU1	OMATED F	LIGHT SYS	TEM							
	NOMENCLA	TURE	S	ERIAL NUMBER		NOMENO	LATURE		SERIAL NUM	BER
69.	GMC 710 Auto	pilot	22007258		74.	Yaw Servo N				
70.	Pitch Servo Mo	unt	1GK0118	26	75.	Yaw Motor		1A1011	467	
71.	Pitch Motor		1A10114	64	76.	Trim Servo	Mount	1GJ005	443	
72.	Roll Servo Mon	int	1GK0118	29	77.	Trim Motor		1A1011	463	
73.	Roll Motor		1A10114	71						

Aircraft Security (Keys): 214-956-9563

WEIGHT AND BALANCE REVISION

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

MAKE: Piper

MODEL: PA46-500TP

SERIAL#: 4697573

REGISTRATION: N929DA

EQUIPMENT CHANGE

Computing N	lew C.G.		
Item, Make and Model *	Weight	Arm	Moment
Previous information from W&B dated 5/17/21	3425.23	137.01	469290.76
EQUIPMENT ADDED			
RG41/53 Main Airplane Battery (STC SA01050DE)	96.00	86.90	8342.40
Reinstalled LH rear facing seat.	27.48	171.90	4723.81
EQUIPMENT REMOVED			
Original Equipment Main Airplane Battery	-84.00	86.90	-7299.60
NEW TOTALS	3464.71	137.11	475057.37

^{*} ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

 Gross Weight:
 5134.00

 New empty weight:
 3464.71

 New Center of gravity:
 137.11

 Moment:
 475057.37

 Useful load:
 1569.29

Prepared By Elwank & Molet

Edward J Novak Jr. A+P 2832024 IA

Date

6/15/2022

Example of Weight and Balance Computation Form Standard Configuration (Sample Loading) Figure 6-9

REPORT: VB-1993

Figure 6-13B	ertainment Configuration (No.	ght and Balance Computation
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nce Comput onfiguratio	ation Form n (Normal	n Category)
nt and Balar rtainment C	nt and Balance Comput rtainment Configuratio	ance
	ce Comput onfiguratio	ce Computation Form onfiguration (Normal

	Weight	Arm Aft of	Moment
	(pounds)	Datum	(inch-pounds)
		(inches)	
Basic Empty Weight	3380.0	136.01	459713.8
Pilot (Seat 1)	170.0	135.50	23035.0
Copilot (Seat 2 - Non Folding Seat)*	170.0	135.50	23035.0
Copilot (Seat 2 - Folding Seat)**		136.70	
Center Passenger L/H (Seat 3)	180.0	177.00	31860.0
Center Passenger R/H (Seat 4)		177.00	
Rear Passenger L/H (Seat 5)		218.75	
Rear Passenger R/H (Seat 6)		218.75	
Radar pod stowage compartment (max. 5 pounds-			
soft items only)		157.48	
Aft Golf Baggage net (105 lbs. max3 bags)-optional		222.31	
Aft Baggage (100 lbs. max.) (50 lbs. maximum with golf bag)	80.0	248.23	19858.4
Aft oil stowage compartment (maximum - 5 pounds)		286.50	
Zero Fuel Weight (maximum - 4850 pounds)	3980.0	140.08	557502.2
Fuel (170 gals. maximum) ¹ @ 6.70 pounds per gallon	904.5	148.36	134188.7
Maximum Ramp Weight (5134 pounds)	4884.5	141.61	691690.9
Fuel allowance for Engine Start. Taxi and Run up ²	-42.61	149.89	-6386.63
Maximum Takeoff Weight (5092 pounds)	4841.89	141.54	685304.23

6.9 WEIGHT AND BALANCE DETERMINATION FOR FLIGHT (cont)

WEIGHT AND BALANCE

6.9 WEIGHT AND BALANCE DETERMINATION FOR FLIGHT (cont)

WEIGHT AND BALANCE

SECTION 6

SECTION 6

PA-46-500TP

PA-46-500TP

Locate the arm (Center of Gravity, C.G.) of the takeoff weight on the Center of Gravity Limits graph (figure 6-33). If this point falls within the Weight/C.G. envelope, the loading is acceptable for takeoff.

	Weight	Arm Aft of	Moment
	(pounds)	Datum (inches)	(inch-pounds)
Basic Empty Weight			
Pilot (Seat 1)		135.50	
Copilot (Seat 2 - Non Folding Seat)*		135.50	
Copilot (Seat 2 - Folding Seat)**		136.70	
Stowage Area #1 (Maximum 5 pounds) (see Figure 6-31)		158.45	
Stowage Area #2 (Maximum 5 pounds) (see Figure 6-31)		158.45	V
Stowage Area #3 (Maximum 5 pounds) (see Figure 6-31)		158.45	
Stowage Area #4 (Maximum 5 pounds) (see Figure 6-31)		171.25	
Ice Chest drawer (Maximum 20 pounds) (see Figure 6-31)		183.85	
Center Passenger R/H (Seat 4)		177.00	
Rear Passenger L/H (Seat 5)		218.75	
Rear Passenger R/H (Seat 6)		218.75	
Radar pod stowage compartment (maximum 5 pounds-soft items only)		157.48	
Aft Golf Baggage net (105 lbs. maximum -3 bags)-optional		222.31	
Aft Baggage (100 lbs. max. (50 lbs. maximum with golf bag net option))		248.23	
Aft oil stowage compartment (maximum - 5 pounds)		286.50	
Zero Fuel Weight (maximum - 4850 pounds)			
Fuel (170 gals, maximum) 1 @ 6.70 pounds per gallon			
Maximum Ramp Weight (5134 pounds)			
Fuel allowance for Engine Start, Taxi and Run up ²	-42.61		
Maximum Takeoff Weight (5092 pounds)			

Locate the arm (Center of Gravity, C.G.) of the takeoff weight on the Center of Gravity Limits graph (figure 6-33). If this point falls within the Weight/C.G. envelope, the loading is acceptable for takeoff.

Refer to page 6-17a for Notes 1 and 2.

^{*}Aircraft S/N 4697340, 4697399 - 4697457

^{**} Aircraft S/N 4697458 & Up

^{*}Aircraft S/N 4697340, 4697399 - 4697457

^{**} Aircraft S/N 4697458 & Up

C.G. Location (inches aft of Datum)

3
U.S. Department
of Transportation
Federal Aviation

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No.2120-0020 Exp: 5/31/2018	Electronic	Fracking	Numbe
For	FAA Use C	niv	

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

	National	ity and Registrati	on Mark			Serial No.			
1 Airora	N929D	Α			4697573				
1. Aircraft					Madel		Series		
	Make					Model PA-46-500TP		Series	
	Piper					PA-46-5001P			
	Name (/	As shown on regi	etration certificate)			Address (As shown on re	egistration	certificate)	
	,	Name (As shown on registration certificate) JE Aero, LLC				Address 68 Meerose			
2. Own	er JE Aei	U, LLC				City Montclair		State NJ	
						Zip 07042	Count	ry USA	
			3. F	or F	AA Use On	ly			
4,	Туре		5. U	nit lo	dentificatio	n			
	T		1					Serial No.	
Repair	Alteration	Unit	Mak	e		Model		Serial No.	
				_					
	X	AIRFRAME				(As described in item 1	above)		
	POWERPLANT								
		PROPELLER							
	- Laurend		-	_					
			Туре						
		ADDITANCE							
APPLIANCE					1				
			Trial land of the control of						
			6. C	onfo	ormity State	ement			
A A	ula Mama an	d Addroop			B. Kind o				
	y's Name an		1 Name to to	-	-				
Name 3	Shoreline Aviatio	on, Inc Edward	J. Novak Jr.	_ X	U.S. Certific	ated Mechanic		Manufacturer	
Address 93 Old Colony Lane				Foreign Cer	tificated Mechanic	(C. Certificate No.		
			-	-		1	2832024		
			- -	Certificated	Repair Station	2832024			
Zip 02050 Country USA			-	Certificated Maintenance Organization					
heret	o have been nation furnishinge fuel per	made in accor led herein is tr	eration made to the unit dance with the requirer rue and correct to the be ure/Date of Authorized I	nents	s of Part 43 f my knowle	of the U.S. Federal Aviatedge.	ion Regu Wali	1	
		1				Edward J. N	iovak Jr.	6/15/22	
			7. Appro	oval	for Return	To Service			
Pur	suant to the a	authority given	persons specified belo al Aviation Administratio	w, th	e unit identi	fied in item 5 was inspec	ted in th	e manner prescribed by	
tne	FAA Fit, Sta		ai Aviauon Administratio	ni an				ns Appoved by Canadian	
DV	Inspector	ingaros	Manufacturer		Maintena	nce Organization		ment of Transport	
BY	FAA Desig	nee	Repair Station	x	Inspection	n Authorization Othe	_	cify)	
Certificate	or Designation N		Signature/Date of Aut			A Marie	1 1.	A	
Cerdinoate	or neorgination i	10.	Signature/Date of Aut	10112	.ca maividus	Edward // V	louly		
A+P 2832024 IA						Edward J. Novak Jr. 6/1	5/22		

A+P 2832024 IA

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

		1
	N929DA	6/15/22
	Nationality and Registration Mark	Date
Weight and balance updated.	RG-41 main airplane battery. n aircraft battery (part # RG41/53, serial # 41227490 orthiness (ICA's) were placed with the aircraft maint	
		THAIRMAN



United States of America Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number:	SA01050DE
-	

This certificate issued to: Concorde Battery Corporation 2009 W San Bernardino Road West Covina, CA 91790

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of Federal Aviation Regulations

Original Product

Type Certificate Number:

Make: Piper Aircraft Inc.

Model: PA-46-500TP, PA-46-600TP

Description of Type Design Change:

Installation of aircraft main battery replacement with Concorde valve regulated Lead-Acid battery in accordance with Document No. 5-0691, Master Drawing List, Piper M500 & M600 Battery Upgrade, Revision NC dated 6/11/20, FAA approved 7/3/2020 or later FAA approved revision. Instructions for Continued Airworthiness (ICA), Document No. 5-0693, Revision NC dated 6/11/20, FAA Accepted 7/3/2020, or later FAA accepted revision are required to be made available at installation. An FAA Approved Airplane Flight Manual Supplement is not required for this modification.

Limitations and Conditions:

- 1. The installer must determine whether this design change is compatible with previously approved modifications.
- 2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application:

01/06/2020

Date Reissued:

Date of Issuance: 07/03/2020

Date Amended:

By Direction of the Administrator

Kreg R, Voorsiies, ODA Lead administrator Cert Works, LLC ODA

Title: ODA No. ODA(AIR)-833887-NM

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to after an aircraft aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to elter an aircraft engine, or propeller in the property with written person with written person with written person to use the STC to elter an aircraft engine, or

U.S. Department of Transportation Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020 11/30/2007	Electionic Tracking Number
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For FAA Use Only

Administrati			•	•						
instructions	TIONS: Prins and dispostion. (49 U.	ition of this	form.	s. See Title 14 CFR § This report is required	43.9, Part I by law (49	43 Appendix B, and 9 U.S.C. §44701). F	AC 43.9-1 (or ailure to repo	r subsequent rt can result i	revision thereof) for n a civil penalty for each	
		and Registra	tion Ma	rk		Serial No.				
1. Aircraft		A				4697573 Model		Series		
	Make PIPER					PA46-500T	P	PA46		
2. Owner		shown on re	gistratio	n certificate)		Address (As shown on registration certificate) 68 MEEROSE PL MONTCLAIR, NJ 07042 USA				
					3. For l	FAA Use Only				
4. T	ype				5. Unit l	dentification				
Repair	Alteration	Unit		Make			Model		Serial No.	
	X	AIRFRAM	E			(As describe	ed in Item 1 a	above)		
		POWERP	LANT							
		PROPEL	LER							
		APPLIAN	CE	Type Manufacturer						
	1				6. Conf	ormity Statement				
A. Agency	/'s Name and	d Address			B. Kind	d of Agency				
NexAir	Avionics	LLC				. Certificated Mecha		Manufa		
		W ROAD	GATE	6, HANGAR SW-	Foreign Certificated Mechanic X Certificated Repair Station			C. Certificate No. N4OR087B		
02360 U	-					ificated Maintenance		-		
D. I certi	fy that the re	n accordan	ce with	tion made to the unit(s the requirements of F to the best of my know) identified Part 43 of t	in item 5 above and	described or	the reverse	or attachments hereto the information	
Extended raper 14 CFR	ange fuel			ture/Date of Authorized In		-			BENJAMIN SCHULTZ 04-February-2019	
. фр. о			C		proval for	Return to Service				
Pursuant Administra	to the auth	ority given	perso	ns specified below, Administration and i	the unit io	dentified in item 5	was inspecte		nner prescribed by the	
		AA Fit. Standards Manufacturer			ce Organization		Persons Approved by Canadian Department of Transport			
BY	FAA Designee	x	Rep	air Station	Inspection	Authorization	Other (Spe	cify)		
Certificate Designatio	on No.		Signa	ture/Date of Authorized In	ndividual) R		>	MICHAEL REARICK 04-February-2019	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationali	ity and registration mark and date work co	ompleted.)
	N929DA	Feb-04-2019
	Nationality and Registration Mark	Date
GENERAL:		
ALL WORK PERFORMED CONFORMS TO THE PARAMETERS SET FORTH II GUIDELINES SET FORTH IN AC43.13-1B AND AC43.13-2B.	N THE FARS AND THE RECOMMENDAT	FIONS AND
FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 10, WEIGHT AND BALANCE FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 11, AIRCRAFT ELECTRICAL FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 12, AIRCRAFT AVIONICS SY FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 1, PARA. 100 THROUGH 114 FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 2, PARA. 200 THROUGH 210 FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 3, PARA. 300 THROUGH 312	SYSTEMS /STEMS I, STRUCTURAL DATA), RADIO INSTALLATIONS	
REMOVED THE FOLLOWING: GTX 33ES TRANSPONDER GTX 33ES TRANSPONDER		
INSTALLED THE FOLLOWING:		
 GARMIN GTX335 TRANSPONDER IN ACCORDANCE WITH MANUFACTURE DATED FEB 2018, GARMIN STC # SA01714WI. FOR REGULATORY COMPLIAND THE FOLLOWING TSO APPROVAL: 	RER'S INSTALLATION MANUAL, 190-00' ANCE PLEASE REFERENCE GARMIN \$	734-10, REV 10 STC # SA01714WI
FAA TSO-C166B (EXTENDED SQUITTER AUTOMATIC DEPENDENT SUR INFORMATION SERVICE - BROADCAST (TIS-B) EQUIPMENT OPERATING O	VEILLANCE - BROADCAST (ADS-B) AN N THE RADIO FREQUENCY OF 1090 M	ID TRAFFIC EGAHERTZ (MHZ)
2. GARMIN GTX345 TRANSPONDER IN ACCORDANCE WITH MANUFACTUR DATED FEB 2018, GARMIN STC # SA01714WI. FOR REGULATORY COMPLI AND THE FOLLOWING TSO APPROVAL:	RER'S INSTALLATION MANUAL, 190-00' ANCE PLEASE REFERENCE GARMIN S	734-10, REV 10 STC # SA01714WI
FAA TSO-C166B (EXTENDED SQUITTER AUTOMATIC DEPENDENT SUR INFORMATION SERVICE - BROADCAST (TIS-B) EQUIPMENT OPERATING O	EVEILLANCE - BROADCAST (ADS-B) AN IN THE RADIO FREQUENCY OF 1090 M	ID TRAFFIC IEGAHERTZ (MHZ)
PERFORMED MAINTENANCE OPERATION CHECK (MOC).		
PERFORMED EMI TESTING IN ACCORDANCE WITH AC 43.13-1B PARA. 11-	107, INTERFERENCE TESTS	
UPDATED AIRCRAFT WEIGHT AND BALANCE		
POWER ASSESSMENT DONE IN ACCORDANCE WITH FAR REQUIREMENT AIRCRAFT SYSTEM CAPACITY, DETERMINED BY CALCULATION	S. POWER LOAD DOES NOT EXCEED	80% OF THE
NOTES: LOGBOOK ENTRIES MADE PER FAR REQUIREMENTS		
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: GTX 345 MAINTENANCE MANUAL INSTRUCTIONS FOR CONTINUED AIRWO	ORTHINESS, PN: 190-00734-11 (LATES	T REV)
**************************************	****	

ADDITIONAL SHEETS ARE ATTACHED

6
US Department
of Transportation
Federal Aviation
A alaminia taméta a

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
	For FAA Use Only

US Department of Transportation (Airframe, Powerplant, Propeller, or Appliance) Administration								For FAA Use Only			
instruction		sition of this	s form.								ubsequent revision thereof) for result in a civil penalty for each
Nationality and Registration Mark USA N929DA					Serial No. 4697			697573	3		
1. Aircraft	Make P	iper						-46-50	16-500TP Series		
	,		_	ration certificate)	Address (As shown on re Address 3325 Crews Lake Dr City Lakeland				gistration	certificate)	
2. Owner	A&W	AIR LLO	3					State FL			
					3.	For FAA Use	Only	33813-3	39/1	Cou	ntry USA
		1									
4. Ty		11-2		144		Unit Identific	ation		Mandal		Opriel No.
Repair	Alteration	Uni		Piper	1ake		Model (As described in Item 1 a		ahawa)	Serial No.	
	х	AIRFRAM		-			(AS O	escribe	ea m nem 1 a	above)	
		POWERF	PLANT								
		PROPELI	LER	Туре							
		APPLIAN	CE	Manufacturer							
1				6	-	onformity Sta					1
A. Agency's Name Sun Av	Name and A	ddress			В.	Kind of Agend		anic	-	T Mar	- ufa -tu way
Address 3102 Cher					U. S. Certificated Mechanic Foreign Certificated Mechanic C.					Manufacturer C. Certificate No.	
City Vero B		untry USA		State FL	x Certificated Repair Station Certificated Maintenance Organization			eization	ECWD470D		
D. I certify have b	that the rep	air and/or a accordanc	e with	on made to the unit(s the requirements of the best of my know	Part	entified in item 43 of the U.S	5 above	and de	scribed on t	he revers	e or attachments hereto
Extended rar per 14 CFR I App. B			Signa	ture/Date of Authoriz	a	uley			2017		
Pursuant t	n the autho	rity diven	nerso			val for Return			vas inspect	ed in the	e manner prescribed by the
				ninistration and is			Approv		Rejecte		e mainer prescribed by the
	AA Flt. Stand spector	ards	Manı	ufacturer	Ма	aintenance Or	ganizatior	n	Depar	tment of T	ed by Canadian ransport
	AA Designee	X	Repa	air Station	In	spection Auth	orization		Other (Spec	cify)	
Certificate or Designation N	No. ECWE	0470D	Signa	ture/Date of Authoriz	/	Individual	5/2	2/20	7/2		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)							
USA N929DA 5/22/2017							
Nationality and Registration Mark Date							
Installed Mid-Continent MD302 Standby Attitude Module.							
Removed existing 2 1/2" Standby Attitude, Altimeter and Airspeed Instruments and Standby Attitude battery. Fabricated a mounting plate and mounted the SAM in the location vacated by the three 2 1/2" instruments. The Mid-Continent MD302 Standby Attitude Module was installed in accordance with the Mid-Continent MD302 Series Installation Manual No. 9017782 Rev J dated August 27, 2015. The MD302 is approved for use as stand-by instrumentation by AML STC SA01969SE.							
Installation is in compliance with FAR 23.1301, 23.1309 and 23.1431.							
All work was performed in accordance with the manufacturer's installation instructions, AC43.13-1B Chapter 7 Sections 1-8, Chapter 11 Sections 3, 6-16 and 17, and Chapter 10; and AC43.13-2B Chapters 2 and 3.							
The MD302 Standby Attitude Module Pilot Guide, Mid-Continent Manual Number 9017846 Rev G dated January 6, 2017 was placed on board the aircraft.							
Aircraft Weight and Balance and Equipment List were amended to reflect this alteration.							
Electrical system load was monitored and found not to exceed manufacturer's specifications.							
Instructions for continuing airworthiness are contained in the MD302 Series SAM Installation Manual Number 9017782 and were provided to the aircraft owner for incorporation in the aircraft's permanent records.							
Lilu							
Additional Sheets Are Attached							



MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB № 2120-0020 2/28/2011 Electronic Tracking Number 100418

For FAA Use Only

instruct	tions ar	nd dispo	nt or type a osition of the	his for	 This report is 	FR §4: requir	3.9, Part 43 A ed by law (49	Appendix B, and B U.S.C. §44701)	AC 43). Fail	.9-1 (or sure to rep	subsequ port can	ent revision thereof) for result in a civil penalty for	
	Nationality and Registration Mark U.S.A. N929DA							Serial № 4697573					
1. A	rcraπ	Mak Pipe						Model PA-46-50	Model PA-46-500TP			Series N/A	
2. 0	wner		ne (As show AERO LLC		egistration certificat	e)		Address (A 68 MEER MONTCLA	OSE PL		stration o	certificate)	
						3	. For FAA Us	e Only					
4	Туре			_			5	Unit Identification	2				
Repair		eration	Unit		Ma	ke	5.	Mod				Serial №	
			Airframe					(As described in		ahovel		Geriai N2	
		<u> </u>						(rio decembed iii	nom i	ubove)	4		
] [Powerplant										
	[Propeller										
			Appliance	9	Туре								
					Manufacturer								
						6. 0	Conformity St	atement					
A. Agen	cy's Nar	me and A	Address				d of Agency						
AMI Avi	ation S	ervices	LIC			US Certificated Mechanic						Manufacturer	
4151 C	enterlin	e Lane				Foreign Certificated Mechanic				C.	C. Certificate №		
Sanford	, FL 32	2773				Certificated Repair Station Certificated Maintenance Organization				-	6A5R818B		
made i	n accord	ance with	n the require	ments	ade to the unit(s) ide of Part 43 of the U.S.	ntified i Federa	n item 5 above a l Aviation Regula	and described on the ations and that the i	reverse nformat	e or attach	ments he	reto have been n is true and	
correct	to the b	est of my	/ knowledge.		ture/Date of Author	ized Inc	dividual						
Extended 14 CFR I	d range Part 43 /	fuel per App. B			11	/	7		4.5				
				-	Loc foc	Va	7	5-12 20	<u>eo</u>				
Pursuant	to the	authorit	v given ner	SONS E			oval for Retur		l in tha	mannor	oroccih	ed by the Administrator of	
			ninistration				Rejecte		a iii tiie	mannel	∈2C(1D)	ed by the Administrator of	
	FAA Fit						e Organization		Person Transpo		d by Canadian Depart of		
By FAA Designee Repair Station Inspection Au								uthorization	Othe	er (Speci	fy)		
Certificat	Certificate or Designation № Signat					uthoriz	ed Individual						
6A5R818B					Signature/Date of Authorized Individual								
FAA For	m 337 /·	10-06)			Lungh	K Ve	301	5-12 2	080)			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Piper/PA46-500TP/4697573/N929DA

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A N929DA

Nationality and Registration Mark

Date

The initial RVSM airworthiness inspection for Piper Model PA-46-500TP (M500) Class 4 airframes was performed in accordance with AeroMech Inc. STC No. SA02654SE. The following inspections/tests required for RVSM initial airworthiness as outlined in the AeroMech Document No.: AM0325-IC01-04, Rev A, Dated January 2020 "Instructions for Initial and Continued Airworthiness for Piper Model PA-46-500TP (M500) Airplanes Qualified for Operations within RVSM Airspace" were completed and the aircraft was found to comply:

- 1. Verify that all of the avionics components listed in Table 1.1 are installed and operational.
- 2. Conduct air data system, altitude alert system, and transponder ground checks using calibrated ground test equipment. Verify that the air data system errors are within the specified RVSM tolerances. Confirm appropriate accuracy of the altitude alerter and transponders.
- 3. Mark the RVSM Critical Region and conduct a visual inspection of the skin surface and static ports.
- 4. Conduct the static port step height (SPF) measurements and verify that the step height values are within the specified RVSM tolerances.
- 5. Conduct a skin mapping of the RVSM Critical Region to verify the skin contour surrounding the static pressure sources is RVSM-compliant. The inspection must be conducted in accordance with AeroMech document AMIIP-SCN-00 (current revision).

An "FAA Approved Supplement to the Piper Model PA-46-500TP Pilot's Operating Handbook and FAA Approved Airplane Flight Manual for Operations in RVSM Airspace" Doc # AM0325-FM01-04, dated September 2019 was inserted into the AFM and must always be maintained with the aircraft.

"Instructions for Initial and Continued Airworthiness for Piper Model PA-46-500TP (M500) Airplanes Qualified for Operations within RVSM Airspace" Doc # AM0325-IC01-04, Rev A, dated January 2020 were given to the operator.

U.S. Department of Transportation Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020	Electronic Tracking Number
11/30/2007	

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U. S. C. §46301(a)) Serial No. Nationality and Registration Mark 4697573 N929DA 1. Aircraft Model Series Make PA46-500TP **PA46** PIPER Address (As shown on registration certificate) Name (As shown on registration certificate) 68 MELROSE PL JE AERO LLC 2. Owner MONTCLAIR, NJ 07042 USA 3. For FAA Use Only 4. Type 5. Unit Identification Serial No. Alteration Unit Make Model Repair (As described in Item 1 above) **AIRFRAME** X POWERPLANT **PROPELLER APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Manufacturer NexAir Avionics LLC C. Certificate No. Foreign Certificated Mechanic 246 SOUTH MEADOW ROAD N4OR087B Certificated Repair Station GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 USA Certificated Maintenance Organization I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature/Date of Authorized Individual Extended range fuel **BENJAMIN SCHULTZ** per 14 CFR Part 43 17-May-2021 App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is X Approved Rejected FAA Fit. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Department of Transport Inspector Other (Specify) BY Inspection Authorization Repair Station FAA Designee Signature/Date of Authorized Individual Certificate or **DAVID FETHERSTON** Designation No. 17-May-2021 N4OR087B

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality a	and registration mark and date work co	mpleted.)
	N929DA	May-17-2021
OFNEDAL.	Nationality and Registration Mark	Date
GENERAL: ALL WORK PERFORMED CONFORMS TO THE PARAMETERS SET FORTH IN T GUIDELINES SET FORTH IN AC43.13-1B AND AC43.13.2B.	HE FARS AND THE RECOMMENDAT	FIONS AND
FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 10, WEIGHT AND BALANCE FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 11, AIRCRAFT ELECTRICAL SY FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 12, AIRCRAFT AVIONICS SYST FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 1, PARA. 100 THROUGH 114, S FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 2, PARA. 200 THROUGH 210, FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 3, PARA. 300 THROUGH 312, A	TEMS ETRUCTURAL DATA PADIO INSTALLATIONS	
REMOVED THE FOLLOWING: GARMIN PRIMARY FLIGHT DISPLAY GDU1040 GARMIN PRIMARY FLIGHT DISPLAY GDU1040 GARMIN MULTI FUNCTION DISPLAY GDU 1500 GARMIN CONTROLLER GCU 476		
INSTALLED THE FOLLOWING:		
1. INSTALLED LEFT SIDE AND RIGHT SIDE GARMIN G1000NXI PRIMARY FLIG FUNCTION DISPLAY (MFD) AND GARMIN CONTROLLER (GCU 476) IN ACCORD 190-01423-02 REVISION 1 DATED JUNE 17, 2021 AND GARMIN STC #SA01947V REFERENCE THE FOLLOWING TSO APPROVALS:	DANCE WITH GARMIN INSTALLATIO	N INSTRUCTIONS
FAA TSO-C2D AIRSPEED INSTRUMENTS FAA TSO-C8E VERTICAL VELOCITY INSTRUMENTS FAA TSO-C106 AIR DATA COMPUTER FAA TSC-C113A AIRBORNE MULTIPURPOSE ELECTRONIC DISPLAYS FAA TSO-C201 ATTITUDE AND HEADING REFERENCE SYSTEMS FAA TSO-C44B FUEL FLOWMETER FAA TSO-C43B EXHAUST GAS TEMPERATURE INDICATOR		
PERFORMED MAINTENANCE OPERATION CHECK (MOC).		
PERFORMED EMI TESTING IN ACCORDANCE WITH AC 43.13-1B PARA. 11-107	7, INTERFERENCE TESTS	
UPDATED AIRCRAFT EQUIPMENT LISTING		
UPDATED AIRCRAFT WEIGHT AND BALANCE		
POWER ASSESSMENT DONE IN ACCORDANCE WITH FAR REQUIREMENTS. AIRCRAFT SYSTEM CAPACITY, DETERMINED BY CALCULATION.	POWER LOAD DOES NOT EXCEED	80% OF THE
NOTES: LOGBOOK ENTRIES MADE PER FAR REQUIREMENTS		
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS(LATEST VERSION): GARMIN G1000NXI SYSTEM MAINTENANCE MANUAL AND IAC, STC P/N: 190	-01423-02 REV 1	

ADDITIONAL SHEETS ARE ATTACHED

<u>Item</u>	Bulletin	<u>Bulletin</u>	<u>Bulletin</u>	<u>Date</u>
<u>#</u>	<u>No.</u>	<u>Description</u>	<u>Date</u>	<u>Completed</u> <u>Remarks</u>
1	1052	NLG Steering Bungee Mod.	2/26/2001	DNA - S/N 4697003-35 & 37
2	1053	O.A.T. Probe Relocation	4/3/2001	DNA - S/N 4697003-39
3	1054	Crew Seat Insp. & Mod.	4/12/2001	DNA - S/N 4697003-35 & 37
4	1055	Eng. Quadrant Insp. & Mod.	5/29/2001	DNA - S/N 4697003-40
5	1056	Fuel Drain Valve Insp. & Repl.	4/4/2001	DNA - S/N 4697003-35 & 37
6	1058	Overhead Switch Panel R+R	5/31/2001	DNA - S/N 4697003-52 & 54
7	1059	Low Press. Fuel Pump Leak Insp.	6/11/2001	DNA - S/N 4697003-44
8	1060	Brake Pedal Binding	5/15/2001	DNA - S/N 4697001-55
9	1061	NLG Strut Snap Ring Insp.	6/19/2001	DNA - S/N 4697001-46 & See Bulletin
10	1062	Flap Bellcrank Insp. (AD 01-12-01)	5/11/2001	DNA - S/N 4697001-20 & See Bulletin
11	1063	Circuit Breaker Panel Mod.	6/11/2001	DNA - S/N 4697003-60
12	1064	Flow Control Valve Clip Inst.	6/14/2001	DNA - S/N 4697001-49
13	1065	Elev. Cable R+R	7/25/2001	DNA - S/N 4697001-57
14	1066	Cabin Door Latch	7/10/2001	DNA - S/N 4697001-47
15	1067A	Resistor Shroud Inst (Small Console not installed		
		•	8/8/2001	DNA - S/N 4697001-75
16	1068	Fuel System Fitting Leakage	7/19/2001	DNA - S/N 4697001-68
17	1069	Fuel Fitting & Solonoid Valve Mod.	7/19/2001	DNA - S/N 4697001-30
18	1070	Lightning Protection Rivets Inst.	7/16/2001	DNA - S/N 4697001-35 & 37
19	1071	MLG Squat Switch Safetying	7/2/2001	DNA - S/N 4697001-60
20	1072	Mass Air Control Valve Recall	8/13/2001	DNA - S/N 4697001-78
21	1073	Flux Detector Connector	8/13/2001	DNA - S/N 4697001-83 & 92
22	1074	Bleed Air Restriction	7/23/2001	DNA - S/N 4697001-78
23	1076	NAV/GS Wiring Insp. & Mod.	7/19/2001	DNA - S/N 4697001-38
24	1077	P+W Oil-to-Fuel Heater Insp.	7/13/2001	DNA - S/N 4697001-75
25	1078	Stall Warning Switch Bracket	8/13/2001	DNA - S/N 4697001-75
26	1080	Lear-Romec Fuel Pump, VSP-13	7/26/2001	DNA - S/N 4697001-97
27	1082	Aft Stowage Compartment Drain	8/13/2001	DNA - S/N 4697001-37
28	1084	Known Icing Certification	9/20/2001	DNA - S/N 4697001-100 & See Bulletin
29	1085	NLG Steering Arm Chafing	10/26/2001	DNA - S/N 4697001-53
30	1086	Generator/Ammeter Relay Kit	10/3/2001	DNA - S/N 4697001-69 & See Bulletin
31	1087B	NLG Downspring Tubes R+R	5/27/2003	DNA - S/N 4697001-46 & 48
32	1088	Aft Spar Splice Cap Insp.	12/10/2001	DNA - S/N 4697001-90
33	1089	NLG Squat Switch Adjustment	11/12/2001	DNA - S/N 4697001-95
34	1090	Fuel Return Solonoid	8/23/2001	DNA - S/N 4697001-94 & See Bulletin
35	1091	Oil-to Fuel Heater	9/20/2001	DNA - S/N 4697001-75
36	1093	Alternator Diode Inst.	12/5/2001	DNA - S/N 4697001-123 & 125
37	1094	Fuel Check Valve R+R	10/19/2001	DNA - S/N 4697001-114 & See Bulletin
38	1095	Gear Warning Mute Switch	1/18/2002	DNA - S/N 4697001-114 & See Bulletin
				DNA - S/N See Bulletin
39	1098	Deice Line Insp. & R+R	2/1/2002	
40	1099	Feather Solonoid Diode Kit	1/18/2002	DNA - S/N 4697001-114 & See Bulletin
41	1102	Terminal Cover Inst.	3/8/2002	DNA - S/N 4697001-114 & See Bulletin
42	1103	Engine Mount Insp.	4/22/2002	DNA - S/N 4697001-71
43	1106	NLG Steering Improvement	1/28/2002	DNA - S/N 4697001-125
44	1107	Manuevering Speed Placard	3/7/2002	DNA - S/N 4697001-99
45	1108	Flux Detector Relocation	3/11/2001	DNA - S/N 4697001-125
46	1111	Float Switch Wiring Insp. & Mod.	8/19/2002	DNA - S/N 4697001-126
47	1114	GPS 530 Lighting Mod.	4/24/2002	DNA - S/N 4697001-54
48	1121	Missing Empenage Rivets	10/3/2002	DNA - S/N 4697001-127 & 134
49	1126A	Emer. Gear Handle Mod.	7/29/2003	DNA - S/N 4697001-158
50	1132	Control Module Improvement	6/4/2003	DNA - S/N 4697001-140 & 142-153
51	1135	GMA 340 Wiring Mod.	7/16/2003	DNA - S/N See Bulletin
52	1139A	Control Wheel Attach Mod.	4/9/2004	DNA - S/N 4697001-174
53	1140	Oxygen Generators	9/16/2003	DNA - S/N 4697001-163
54	1144	NLG Door Hinge Mod.	3/10/2004	DNA - S/N 4697001-173
55	1150	Stby. Pitot/Static Plumbing Mod.	12/9/2004	DNA - S/N 4697001-164
56	1151E	4130N Steel Hardness	6/9/2004	DNA - S/N 4697179-183
57	1152	Fuel Restrictor R+R	12/5/2005	DNA - S/N 4697174-205
58	1154C	Engine Mount Insp.	1/3/2008	DNA - S/N 4697001-240 & 242-244

			Manufacturer: Model #: PA		<u>Serial #:</u> 469757	
			iviouei #.			
59	1158A	Acc. Drive Pulley R+R		1/30/2006		4697001-221
60	1159	Fuel Sys. Check Valve		11/10/2005		See Bulletin
61	1166	Electronic Control Module		1/5/2007		4697001-291
62	1170	Louvered Cover Assembly		10/6/2006		4697001-272
63	1173B	Oil Cooler Hoses		11/16/2011		4697001-339, 341-398
64	1175B	Pilot's Side Window Insp		9/30/2010	DNA - S/N	All PA46's
65	1176	Rudder Torque Tube Insp.		1/16/2007	DNA - S/N	4697001-269
66	1177	Nose Wheel Bolts R+R		11/14/2006	DNA - S/N	4697001-260
67	1181B	Flap Track Splice Insp.		9/10/2009	DNA - S/N	4697001-385
68	1183	Emer Exit Door Insp.		5/15/2007	DNA - S/N	4697001-301
69	1185	External Power Placard		8/30/2007	DNA - S/N	4697001-314
70	1178	Nose Gear Forging		9/24/2007	DNA - S/N	4697244-272
71	1187	Voltage Suppressor R+R		2/8/2008	DNA - S/N	4697238 - 293
72	1190B	Aileron Quadrant Insp.		1/22/2009	DNA - S/N	4697001 - 363
73	1192	Stall Heat Mod.		9/15/2008		4697001 - 365
74	1193	NLG Downspring R+R		3/3/2009		4697001 - 346
75	1195B	COM Antennas Skin Insp.		4/15/2010		4697001 - 423
76	1202	Beta Lockout Lever Insp.		3/18/2009		4697001-386
77	1204	Re-Calculate Wing Life Limit		12/18/2009	6/21/22 - 1278.9	
78	1204	Py Heater Ground Relocation		3/24/2010		4697001-271
79	1212					
		Flap Position Placard		1/5/2010		4697255-398
80	1214A	C.T. Blade Insp.		3/4/2010		See Bulletin
81	1218	Rudder Skin Insp.		10/13/2010		4697001-403
82	1229	Avox SB 36758-35-01		4/21/2011		4697347-391
83	1230	Nose Wheel Grommet		6/6/2011	DNA - S/N	4697001-447
84	1232	Placard, Door Handle		5/16/2011	DNA - S/N	4697435-452
85	1234	Oil Cooler Temp. Valve R+R		6/23/2011	DNA - S/N	4697001-447
86	1236	Ldg. Gear Servicing Placards		10/6/2011	DNA - S/N	4697001-466
87	1237	Static Discharger R+R		8/10/2011	DNA - S/N	4697448-455
88	1238	Landing Gear Placards (Brazil)		7/23/2013	DNA - S/N	4697399-466
89	1243C	Landing Gear Malfunction		3/7/2012	DNA - S/N	4697001-473
90	1247B	Garmin SafeTaxi Limitation	(COMPLETE)	3/13/2019	PCW	4697399 & up
91	1255	Boost Pump Wiring Relocation		3/4/2013	DNA - S/N	4697174-508
92	1256	NLG Torque Link Hardware		1/23/2013	DNA - S/N	4697001-510
93	1258	Fuel Tank Vent Valves		6/5/2013	DNA - S/N	4697001-520
94	1262B	Wing Inspection		4/23/2015		4697001-528
95	1267A	Empennage Rivets Insp.		12/18/2015		4697161-543
96	1271A	Wing Spar Insp.		12/12/2019		4697001-406
97	1275	NLG Serviciing Placard	(COMPLETE)	6/26/2015	11/13/15 - 109.2	
98	1273 1283A	Cabin Altitude Encoder Mod.	,	6/12/2015		4697340, 399-591, 593-595, 597, 598
			(COMPLETE)			
99	1280A	H3r Fire Ext. R+R	,	4/29/2016	11/13/15 - 109.2	
100	1288A	Aft Vert. Fin Spar Insp.	(COMPLETE)	5/18/2017	4/12/17 - 220.9	
101	1290B	Flap Bracket Insp.	(OOMBLETE)	6/16/2017		4697173-605 Due Ea. 100 hrs.
102	1291	Exec. Table Placard R+R	(COMPLETE)	8/11/2016	11/11/16 - 201.5	
103	1293C	NLG Turn Limits Placards	(COMPLETE)	3/19/2017	11/11/16 - 201.5	
104	1296	FCU Manual Override Check	(COMPLETE)	3/31/2016	11/11/16 - 201.5	
105	1297	United Inst. Altim SB #13		4/29/2016	NA - Not installed	
106	1306	Wing Rib Mod.	(COMPLETE	1/10/2018	7/13/18 - 468.4	
107	1314	Cabin Door Frame Insp.		3/12/2018	DNA - S/N	4697617 - 618
108	1322	Stall Heat Grd. Wire Insp.		2/28/2018	N/A S/N	4697549, 569, 582 - 628
109	1327	Aileron Cable Tube Insp.	(COMPLETE)	6/26/2018	7/13/18 - 468.4	All up to 4697634
110	1328	Aileron Cable Guard R+R		6/26/2018	N/A S/N	4697608 - 636
111	1336	Aileron/Rudder Interconnect		1/18/2019	N/A S/N	4697634 - 645
112	1338	MLG Actuator Fitting		3/25/2020	DNA - S/N	4697001 - 156
113	1343	Canted Frame Doubler Insp.		2/3/2020		4697628 - 652
114	1344	Gen Ammeter Relay (K303) R+R	(COMPLETE)	10/23/2019		4697340, 399 - 669
115	1349	Fuel Return Valve Wiring Mod.	/	2/14/2020		4697549, 569, 582-611
116	1350A	NLG Steering Horn Insp.		2/10/2021		4697668-671
117	1369	•	ıe ea, 100 hrs.	8/12/2021	2/17/23 - 1455.2	
118	1370A	Inertial Separator Angle Mod.	.5 54, 100 1115.	3/8/2022		4697629 - 678
119	1370A 1385	Rudder Straps	COMPLETE	10/25/2022	2/17/23 - 1455.2	
120	1395	G1000 S/W ver. 720.18	JOIVII LETE			
120	1393	01000 3/W Vel. /20.10		2/13/2023	PINA- OF 1500 DOUG	4697340, 399-548, 550-568, 570-581

Item #	Bulletin	<u>Bulletin</u>		<u>Bulletin</u>	<u>Date</u>	Damarka
	<u>No.</u> SL 1035	<u>Description</u>		<u>Date</u> 7/20/2001	Completed	Remarks 4697001& up with Dual Batteries
<u>1</u>	SL 1033	Battery Conditioning M.O.R. Check		7/26/2001		4697001-084
<u>2</u>	SL 1037 SL 1041		o. Only)	3/10/2002	DNA	ALL
<u>3</u> 4	SL 1041	GCU Rewire Kit	. Offig)	9/27/2002	DNA	4697001-131
5	SL 1040A SL 1051	Gull Wing Door Rub Strips		7/21/2002		4697001-131
	SL 1051	·				4697001-129
5a 6	SL 1055 SL 1056	Table Stow Adjustments Drain Hose Routing Insp.		6/20/2003 2/19/2003		4697003 - 35 & 037
7	SL1057	Upper Wing Skin Reinforcement		1/23/2003		4697001-141 & 143-145
8	SL 1057	• • •	Only)	10/16/2012	DNA	4697001 and up
9	SL 1050A SL1059A	Gusset (Tailcone) Install Kit	Offiy)	10/16/2012	DNA	4697001-160
10	SL 1062	Lower Torque Link Bolt Insp.		2/13/2003		4697001-135
10a	SL 1065	Aileron Rivet Insp.		7/29/2005		4697001-133
11	SL 1003	Steering Bellows Improvement		3/31/2003		4697001-140
12	SL 1067 SL 1069	,	1/2029	3/31/2003	11/8/14 - 0.0	
13	SL 1009 SL 1072		EEDED)	6/4/2003		4697001-148
14	SL 1072	S-TEC Component Seating (Due @ ea	,	11/3/2003		All S-TEC equipped aircraft
15	SL 1074 SL 1075	Higher Capacity Battery	a. 1X+1X)	10/27/2003		4697001-169
16	SL 1075	Stall Warning Computer		1/9/2004		4697001-169
17	SL 1070	MAGIC 1500 G/A Rewire (Not Ins	talled)	12/3/2004		See SL for S/N's
18	SL 1077	· · · · · · · · · · · · · · · · · · ·	EEDED)	5/5/2004	DNA	
19	SL 1079 SL 1082	Fuel Bowl Mod.	LLDLD)	6/25/2004		4697001-173
20	SL 1082		EEDED)	7/1/2004	DNA	
21	SL 1005	Prop. Boots Maintenance (DUE @ PR	•	7/16/2004	DIVA	ALL
22	SL 1089	Aircraft Painting Requirement	01 . 0/11)	10/21/2004	DNA	4697196 & up (See SL for details)
23	SL 1009	Lower Operating Temps.		9/26/2005		4697001-173
24	SL 1097	Flap Rigging Check		10/17/2005		4697001-208
25	SL 1097	Crew Seat Mod.		6/18/2006		4697001-249
26	SL 1100	Oil Press - RMI/EMI Interference		10/9/2006		4697001-249
27	SL 1107A	False "Gen Inop" Annuciation		10/3/2007		4697002, 198, 216-301
28	SL 1107A	Generator System Malfunctions		7/3/2008		4697001 - 346
29	SL 1110A	Compressor Wash Recommendations	(Info)	9/3/2013	2/17/23 - 1455.2	
30	SL 11104	ECS System Improvements	(11110.)	3/14/2008		4697001 - 310 & 312
31	SL 1113	Crew Seat Back Mod		2/25/2009		4697174-380
32	SL 1115A	WAAS Compatible Autopilot		2/19/2009		4697198 & up (see letter)
33	SL 1116A	Contactor Maintenance		3/15/2019	When Needed	. , , ,
34	SL 1121	RG41 Battery Ser. Life (5000 hrs. or 5	vrs.)	4/1/2010	6/21/22 - 1278.9	
35	SL 1120	Air Cond. Servicing (Info. C		6/18/2010	0/21/22 12/0.0	4697002 & up
36	SL 1129	Improved MLG Actuators	,/	6/27/2011	DNA	4697001-430
37	SL 1127	Emer. Exit Velcro R+R		7/2/2010		4697370-427
38	SL 1130	Lower Entry Door Upgrade		8/4/2010		4697001-369
39	SL 1131A	Ail. Bearing Lube (Due ea. 100 hrs. or	Ann.)	2/11/2019	2/17/23 - 1455.2	
40	SL 1126A	Volt Suppressor Advisory	,	3/23/2017		4697198, 216-358
41	SL 1123	Avidyne S/W Upgrade		9/27/2010		4697198, 216 & up
42	SL 1135	Control Cables/Pulley Insp. (Due ea. 1	00 hrs.)	10/19/2010	2/17/23 - 1455.2	•
43	SL 1137	C.B. Panel Mod.		11/3/2010		4697001-433
44	SL 1138	Lift Txdcr. Mod.		1/17/2001		4697001-445
45	SL 1139	G1000 S/W Ver. 720.12		3/14/2011	N/A S/N	4697340, 399-447
46	SL 1142A	Line Contactor & GCU R+R		3/10/2014	N/A S/N	4697001-452
47	SL 1147	G1000 S/W Ver. 720.14		12/1/2011	N/A S/N	4697340, 399-463
48	SL 1155	Ground Idle Adjustment (CON	MPLETE)	1/30/2012	11/11/16 - 201.5	All
49	SL 1157	Exterior Lighting - LED Upgrade		4/26/2012	N/A S/N	4697001-457
50	SL 1158		MPLETE)	4/26/2012	PCW	4697001 & up
51	SL 1160	Interior LED Lighting Upgrade		10/31/2017	N/A S/N	4697001 - 492
52	SL 1170	Evaporator Module R+R		6/27/2013	N/A S/N	4697003-365
53	SL 1178A	Garmin S/W ver. 720.15		4/23/2014	Superseded	4697399-537
54	SL 1185A	Stall Warning Test		3/26/2015	When Needed	All
55	SL 1189B	GCU Reverse Current (COI	MPLETE)	8/14/2015	11/13/15 - 109.2	4697001-548, 550-568, 570-581
56	SL 1195	Garmin S/W ver. 720.17 (COM	MPLETE)	9/2/2015	11/17/15 - 109.2	G1000 Airplanes up to S/N 4697581
57	SL 1196A	GTX33ES Availability		12/21/2017	If Desired	4697399 - 550

Model #: PA46-500TP Serial #: 4697573 SL 1199A 58 Garmin S/W 2163 05 7/26/2016 N/A S/N 4697549, 569, 582-607 59 SL 1200A P&W SB 3482 R+R of FCU 4/27/2016 If Desired 4697101 - 606 60 SL 1202 MI G Hose R+R (COMPLETE) 2/7/2017 7/13/18 - 468.4 4697001-618 61 SL 1204 Heated Windshield Test 8/17/2016 When Needed All G1000 Stall Heat Mod (COMPLETE) 62 SL 1205 6/27/2017 2/6/19 - 598.7 4697399-548. 550-568. 570-581 63 SL 1206 G1000 M500 Stall Heat Mod 4/14/2017 N/A S/N 4697549, 569, 582-618 Audio bus Wiring Insp. & Fuse R+R (COMPLETE 64 SL 1211 5/3/2017 12/1/17 - 304.4 4697458-618 65 SL 1219 Cabin Pressure Troubleshooting 1/5/2018 N/A S/N 4697549, 569, 582 & up 66 SL 1221 Wing Access Panel Clinch Nut Repair 9/25/2017 When Needed All 67 SL 1222B Hyd. Pump Press. Switch R+R 3/29/2018 When Needed All 68 SL 1224 **Decorative Window Sealant** 10/9/2017 If Desired All 69 SL 1228A Eng. Wiring Harness Improvement 1/23/2019 N/A S/N 4697549, 569, 582-631 70 SL 1232C G1000 S/W Ver. 2163.09 8/21/2018 N/A S/N 4697549, 569, 582 - 625, 627-630 71 SL 1233 Flap Protective Tape 7/13/2020 If Desired All up to 4697674 G1000 GIA S/W for ADS-B Out (COMPLETE) 2/6/19 - 598.7 4697399 - 548. 560-568, 570-581 72 SI 1234 1/16/2018 NLG Trunnion Channel Clearance (COMPLETE) 73 SL 1236 10/2/2019 5/1/20 - 841.7 4697001 - 650 74 SL 1245 G1000 Nxi Electronic Checklist 12/14/2022 N/A S/N 4697626, 631 & up 75 SL 1249 Control Column Plug Mod. 5/20/2019 If Desired All SL 1251 5/29/2019 76 G1000 S/W ver. 2163.10 N/A S/N 4697549, 569, 582-625, 627-630 Stall Heat Control Insp. Due at LH Wing R+R 77 SL 1261 8/6/2019 When Needed All 78 SL 1265 Flight Control System Checks 8/6/2019 2/17/23 - 1455.2 All 79 SL 1272 SS by SB 1369 All Elevator Spar Insp. 10/25/2019 80 SL 1274 Hartzell Preferred Grease 1/6/2020 Info. Only All 81 SL 1280 Rudder Pedal Bar Insp. 2/14/2020 2/17/23 - 1455.2 All 82 SL 1282 Avionics Cooling Fan 6/22/2020 Info. Only 4697340, 399-630 83 SL 1284 Aspen EFD-1000 S/W ver. 2.10.2 2/3/2023 N/A S/N 4697549, 569, 582-676 2/17/23 - 1455.2 All 84 SL 1285C Tire Pressures Due Prior to first flight each day 3/29/2022 85 SL 1286D 2/17/23 - 1455.2 All NLG Steering Adjustments 10/15/2021 86 2/17/23 - 1455.2 All SI 1297 Rudder Pedal Tube Insp. 10/22/2021 87 SL 1314 8/22/2022 2/17/23 - 1455.2 All O2 Gen, Insp. 88 SL 1317 GI 275 Update 11/11/2022 N/A S/N 4697677 & up Item Bulletin Bulletin Bulletin Date # No. Description Completed Remarks Date 1 SSL 425B Optional Battery Charger 10/11/2013 Done ALL 2 SSL 430 Overhead Switch Panel Components 10/1/2007 Info ALL SSL 431 3 Lower Entry Door Upgrade 9/11/2008 DNA - S/N 4697001-369 4 SSL 432A Hydraulic Component Repair Kits 9/8/2016 Info. ALL 5 SSL 437D Tire Options 5/6/2019 Info. ALL 6 SSL 438 **Breather Hose Relocation** 5/14/2012 DNA - S/N 4697001-457 SSL 443 7 Piper Tech. Support 12/5/2011 When Needed ALL 8 SSL 445 Battery Tray Slide R+R 6/28/2012 DNA - S/N 4697001-454 9 SSL 448 Maint. Pubs. 12/6/2012 Info. ALL SSL 452B 10 Diverter Strip R+R Kits 10/18/2019 10/2/19 - 757.9 4697216 & Up 11 SSL 456 A/C Hose Repair Kits 11/20/2014 DNA - S/N 4697001-515 Vacuum Bleed Port Cover Kit **COMPLETE** 12 SSL 459 4/30/2015 5/18/15 - 60.9 4697001-592 13 SSL 463 Inbd. Crew Armrest Improvement 12/3/2015 4697458 - 601 SSL 464 Prop. Heat Timer Improvements When Needed 4697001 & up 14 4/1/2016 15 SSL 478 Rosen Sun Visors **COMPLETE** 9/14/2017 10/2/19 - 757.9 4697370 & up 16 SSL 495 Garmin A/P Servo Parts 11/11/2019 DNA 4697340, 399-542 SSL 496A LED Ice Detection Light 17 1/15/2021 4697001 - 671 18 SSL 506 Aileron Cables Kit 8/2/2021 all up to 4697676 19 SSL 515A Aileron Yoke Hinge Pin R+R 8/12/2022 4697001 - 683 20 SSL 516 **GWX Enablement Kits** 1/18/2022 DNA - S/N 4697677-681, 684 & up Item Bulletin Bulletin Bulletin Date Completed # No. **Description** Remarks Date SA46-6 Improper Autopilot Tracking DNA 4697003, 004, 006 11/22/2000 1 2 SA46-6A Updated S/W 11/30/2000 DNA 4697003-008, 010 SA46-7 3 Heat Insulator Shroud 12/8/2000 DNA 4697003-006 4 SA46-8 **Revised Annunciator Panels** 1/11/2001 DNA 4697003-026 Flux Detector Relocation 5 SA46-10 3/2/2001 DNA 4697003-026

 Date:
 2/17/23
 Hourmeter:
 1455.2
 N#:
 929DA

 Manufacturer:
 Piper
 Total Time:
 1455.2

 Model #:
 PA46-500TP
 Serial #:
 4697573

		<u>Model #.</u> PF	140-500 I P	<u>Serial #.</u> 4097575
6	SA46-11	Fuels System Check Valve	11/14/2001	DNA 4697032, 035, 071
7	SA46-13	Horiz. Stab. Missing Rivets	9/9/2002	DNA 4697128-130,32,33,35,36,38,39,45
8	SA46-14	Fuel Temp. Limit Placard	7/20/2004	DNA 4697067, 159-173
9	SA46-15	Control Cable Retention Screw	2/3/2006	DNA 4697216-237
10	SA46-17A	Heated W/S connector R+R	3/27/2007	DNA 4697281-286
11	SA46-18	Oil Cooler Control Valve	1/21/2011	DNA See SA for s/n's
12	SA46-19A	Eng. Borescope 1st Stage Comp. Stator	9/27/2012	DNA See SA for s/n's
13	SA46-19A SA46-20			
		Stall Heat Wiring on R+R Wings	3/27/2019	N/A S/N 4697141, 161, 086 & 020
14	SA46-22	P&W SI 120-2015	10/30/2015	DNA 4697565, 566, 567
15	SA46-28	Condition Lever Wiring	4/26/2019	DNA 4697640-645
16	SA46-33A	Insp. Of Frame @ FS 311.382	4/26/2021	DNA 4697676
14	Dullatia	Dullatin	Dullatin	Dete
<u>Item</u>	<u>Bulletin</u>	<u>Bulletin</u>	<u>Bulletin</u>	<u>Date</u>
<u>#</u>	<u>No.</u>	<u>Description</u>	<u>Date</u>	Completed Remarks
1	VSP 129	Goodrich SNL 01-054	3/9/2001	DNA Props. HH1143 and below
2	VSP 130	Fuel Pump Screw Torque	7/3/2001	DNA All non "/M" Fuel Pumps
3	VSP 133	Meggitt ADAHRS SIL-16, rev. 2	2/25/2002	DNA If Cold Start Problems Happen
4	VSP 135	P+W SIL PT6A-110 (Low Oil Press.)	2/25/2002	Problem Occurs ALL
5	VSP 142	Garmin SB 0204	2/5/2003	DNA 4697001-125
6	VSP 158	Meggitt SL 03-002	9/28/2003	DNA 4697001 & up with Magic 1500
7	VSP 160	P+W SB 3411 (Oil Pump Cover Mod.)	3/19/2004	DNA 4697001-177
8	VSP 161	P+W SB 3412 (Oil Tank Pressurizing Valve)	3/19/2004	DNA 4697001-177
9	VSP 167	Hartzell SIL HC-SL-61-225 (Spinner R+R)	11/22/2006	DNA 4697001-199
10	VSP 168	P+W SIL PT6A-134 (MOP Warranty Coverage)	6/28/2005	Info. ALL
11	VSP 172	Avidyne SA05-001	2/6/2006	DNA Avidyne Only
12	VSP 175	S-TEC SB 06-001 (Pitch Servo Stop Screw)	6/6/2006	DNA S-Tec Equipped Only
13	VSP 176	Meggitt SB 26-36 Fire Detectors	10/2/2006	DNA 4697001-248, 252
14	VSP 170 VSP 179	Enviro SL06-101		DNA 4697001-248, 232 DNA 4697001-272, 274
			3/15/2007	
15	VSP 180	Hartzell SB HC-SB-61-291	3/16/2007	DNA 4697266-269, 271-276
16	VSP 181	Hartzell SL HC-SL-61-254 (Min. Prop. RPM)	3/20/2007	Info. All
17	VSP 182	Avidyne SB 601-00006-067	4/25/2007	DNA Avidyne Only
18	VSP 183	Avidyne SB 601-00006-075	6/22/2007	DNA Avidyne Only
19	VSP 191	Avidyne SA-08-001	2/29/2008	DNA Avidyne Only
20	VSP 199	P+W SB 3422R1 (Reverse Lever)	2/24/2009	DNA 4697349-385
21	VSP 200	Enviro SL 09-101 (Improved Flow Con. Valve)	8/5/2009	DNA Info. Only
22	VSP 204	Greasing Wheel Bearings	4/29/2010	Info. Only ALL
23	VSP 209	Zodiac O2 Mask	4/29/2011	DNA per Date 4697001-452
24	VSP 212	Garmin SA 1118A	7/6/2011	Info. Only 4697399 & up
25	VSP 216	Garmin GRS77 & 74AS Functions	6/16/2011	Info. Only 4697002, 340, 399 & up
26	VSP 219	Garmin SA 1047, Rev. A.	6/30/2011	Info. Only 4697362 & up
27	VSP 220	P&W SB3434, Mod. Of Prop Shaft Oil Seal	9/8/2011	If Needed 4697001-458
28	VSP 222	Lamar ACU SL LSI-016, rev. A	4/2/2012	DNA - S/N 4697466-479
29	VSP 228	AVSTAR Warranty	1/29/2013	DNA Info. Only
30	VSP 244	Lyco. SL L264	4/1/2015	DNA None
31	VSP 248	Aspen SB Ob2015-01	7/16/2015	DNA 4697549, 569, 582-600
	VSP 244A	·		
32		Lycoming SL L264a	3/8/2016	DNA 4207004 C40
33	VSP-257	P&W SB 3490 - PY Line Support (COMPLETE		12/1/17 - 304.4 4697001-618
34	VSP-263	Garmin SB 1877a	11/9/2018	DNA 4697549, 569, 582-625, 627-630
35	VSP 268	Slick SB 1-19	4/11/2019	DNA Piston Planes Only
36	VSP-269	P&W SB3501R1 FOHE R+R COMPLETE		5/1/20 - 841.7 4697001 - 665
37	VSP 270	Garmin SA # 1989A	1/27/2020	DNA 4697626, 631 & up
37	VSP 274	Alternate Wheel Bearing Greases	3/16/2021	Info. Only All w/ Cleveland Wheels
38	VSP 275	Handling of Hexavalent Chromium Residue	5/19/2021	Info. All
39	VSP 277	Garmin SA # 2157, rev. C	1/17/2022	DNA 4697677 & up
40	VSP 278	Garmin SA 2111, rev. C 3rd Party SD Cards	2/21/2022	Info. Only 4697399 & up
41	VSP 280	Garmin SL 22007, rev A Auto Wx Mode	3/3/2022	DNA 4697677-681, 684 & up
42	VSP 287	P&W SB 3522 Ign Lead Nuts for Corrosion	12/6/2022	Eng S/N's PCE-RM384 & up
		•		

5/4/2011

ALL

1 CIL 5/4/11 Engine Roll Back Response

AD NOTES COMPLIANCE RECORD

Airframe - Piper - PA-46-500TP s/n: 4697573

Engine - Pratt & Whitney - PT6A-42A s/n: PCE-RM0651

Propeller - Hartzell - HC-E4N s/n: HH4976

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2001-12-01	Prevent failure of the flap drive bellcrank assemblies		DNA per serial #.	х			Ed Novak A+P 2832024 IA
2004-03-32	Prevent short circuit failure and electrical arcing of the electronic control modules		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2004-14-12	CORRECTION - Detect and correct inadequate control wheel attachment design features		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2004-15-19	Detect and remove any protective cover over the percussion cap, or any silicon tube over the end of the trigger mechanism pin		DNA per serial #.	х			Ed Novak A+P 2832024 IA
2008-26-11	Prevent ice from forming on the stall vane		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2013-13-01	Correction - Main Fuel Tank Vent Valves		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2015-13-09	Cabin Altitude Encoder Mounting Installation	11/11/16 - 201.5	C/W Piper SB 1283A.		Х		Ed Novak A+P 2832024 IA
2016-01-01	Wing Upper Skin Joints Sealant Application		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2021-04-07	Stall Warning Heat Control System Non-Conforming Design		Superseded by 2021-09-02.	Х			Ed Novak A+P 2832024 IA
2021-09-02	Stall Warning Heat Control System Kit Part Numbers		Due if/when the LH wing is replaced.	Х			Ed Novak A+P 2832024 IA
97-04-12	Engine power reduction due to malfunction of the compressor BOV		DNA per serial #.	Х			Ed Novak A+P 2832024 IA
2002-23-13	Prevent failure of the turbine exhaust duct		DNA - affected component not installed.		Х		Ed Novak A+P 2832024 IA
2012-09-10	To prevent failure of the sun gear and planet gears		DNA - affected engine parts are O.E.M.		Х		Ed Novak A+P 2832024 IA
2005-14-11	Maintenance by Southern California Propeller Service		DNA - propeller not returned to service by So. Cal. Prop. Ser.	Х			Ed Novak A+P 2832024 IA
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane		DNA - propeller not returned to service by Oxford Aviation in the U.K.	X			Ed Novak A+P 2832024 IA
2008-13-28	To prevent failure of the propeller hub		DNA - propeller is NOT LH rotation.		Х		Ed Novak A+P 2832024 IA



N929DA PA-46-500TP 4697573 Airframe Logbook

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: Dupont Imron Polyurethane

AIRCRAFT DESCRIPTION

Registration No. No.	29DA	
Model: PA-46-500TP	Popular Name: MERIDI	AN
Serial No.: 4697573 PIZIP Colors: TITANIUM SILVER MET. / BLAC	Type Certificate No.: A 25	
Engine Manufacturer: PRATT & WHITNEY	Serial Numbers: Single PCE	the second of th
Original Engine Model: PT6A-42A	Left	
Propeller Manufacturer: HARTZELL Original Propeller Model: HC-E4N-3Q	RightH Hub or Serial Number:SingleH Left Right	
В	lade Numbers	
Left L52436	Right	2015 MODEL
<u>L5 2439</u> <u>L5 2437</u> 1 52 434		
134 ·01		

	Aircraft *	Гime	Recorder	Maintenance	
Date	This Date	Total	Reading		
OV 0 8 2014	Brought Forward	3.6	the certification	aircraft meets the requirements for nequested and have issued a orthiness Certificate.	
			FAR 91.411 h	and Static System Test required by ave been performed. The ave been tested:	
			On (Pri)	10/3/14 (Sec) 10/3/14	
				55,000 ft 55,000 ft	
			The ELT is inc	talled per FAR 91.207. Bettery	
			Dated:	NOV 0 8 2014	
			77	1. 7 famb leton 613586069	
			John S. H	Piper Aircraft, Inc.	
				Vero Beach, Florida	
Total To Carry Forward		3.6			

Registration No. N929DA

and Remarks	Signature	Certificate No
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.		
1. Make GARMIN Model GTX 33ES S/N 89/2 79 6		
2. Make GARMIN Model GTX33ES S/N 8912805 Details of this Inspections are on file at this facility under:	3	
ACFT S/N 4697573 Date 10/22/14	<u> </u>	
The Automatic Pressure Altitude Reporting Equipment Test required by EAR Part 91 217 have been performed this date:		
John S. Hambleton 6/3586069		
John S. Hambleton Vero Beach, Florida	1.1	
Vero Beacit, Florida		

Date This Date NOV 0 8 2014 Brought Forward →	Total 3.6	The stall system computer is adjusted at the factory. Comport changes require that the computer settings be checked and	onent
	3.6	changes require that the computer settings be checked and	nent
		per Piper Process Specification (PPS) 60089-3. The setting aircraft are: Tipgrams +/- ½	adjusted
Total To Carry Forward	3.6	STALL WARNING ACTUAL SETTINGS FLAPS Full Up 0° +4.2 10° - 20° +5.0 Full Down 36° +1.4 The standby altimeter and static system test required by FAI 91.411 have been performed. The standby altimeter has been performed by the standby altimeter has	een teste

	Registration No			
and Remarks			Signature	Certificate No
Date: 11/19/14 Hobbs: 8.7 ACTT: 8.7 Installed customer P/N 752-647per ba MAINTENANCE R identified above wa Aviation Administr accordance with ag instructions. Pertir	C., Vero Beach, FL (VRB) AIRCRAFT LOG Model: PA46-500TP supplied medeco cabin door lot tery minder installation instruct ELEASE: This aircraft, airfram as repaired and inspected in acceptation and is approved for return poplicable aircraft, engine and of the results are on file at the results.	ne, aircraft engine, ccordance with current to service. All worr appliance mainte epair station office,	propeller or applia rent regulations o ork was performe nance manuals a WO # S001866	ance f the Federal _ d in

	Aircraft Time		Recorder	Maintenance
Date	This Date	Total	Reading	Maintenance
	Aircraft L	og	-	
Date: 11 HOBBS WO: A	S: 0008.7		leg. #: N929DA kircraft S/N 4697573	
FIT	ccomplished: Repaired s Systems checked no on/Maintenance Manual 5	omial in accorda	SUCE MILL CORREIL	
or applia	NANCE RELEASE: This ance was repaired and inspected and inspected Aviation Administration	pected in accordance to ion and is approved for	with current regulations or return to service.	
All work appliance	was performed in accordate maintenance manuals are repair station office.	nce with applicable at	rcraft, engine and or	
Signatu	10 . D.	ECWD47 bort, Vere Beach, FL 3		
tal To try Forward				

	Registration No			
and Remarks			Signature	Certificate No.
Date: 01/05/15 Hobbs: 20.1 ACTT: 20.1	C., Vero Beach, FL (VRB) AIRCRAFT LOG Model: PA46-500TP	N929DA S/N: 4697573		OTD MAA
	aft facing passenger seat with weight and balance in POH.	neagrest and a	irmrest per PA46-50	DU I P IVIIVI
identified above was Aviation Administra accordance with app	LEASE: This aircraft, airframe repaired and inspected in acc tion and is approved for return blicable aircraft, engine and or ant details are on file at the rep	cordance with cu to service. All w appliance maint	rrent regulations of vork was performed enance manuals an	the Federal in
Signature Sun Aviation, Inc. M	unicipal Airport, Vero Beach	CRS # EC , FL 32961 (772		
			Mark.	

Date	Aircr	aft Time	Recorder	Maintenan	ce
Date	This Date	Total	Reading		
Date: 04/0 Hobbs: 5	5.8	AIRCRAFT LOG Model: PA46-50	N929DA 0TP S/N: 4697	573	
ACTT: 55. Removed 25-20-00.	right aft facing pa	assenger seat a and balance in F	nd installed cover po POH.	er PA46-500TP MM	
identified (shove was renail	ed and inspected	d in accordance with	ine, propeller or appliance a current regulations of the Federal	
Aviation A	Administration an	d is approved for aircraft engine	return to service. / and or appliance m	All work was performed in aintenance manuals and fice, WO # S002083	
Signature	K		→ CRS#	ECWR470D	
Qigilatu e					
Sun Aviation	on, Inc. Municip	al Airport, vero	Beach, FL 32901 (772) 502-9237	
Sun Aviatio	on, Inc. Munici p	al Airpoπ, vero	Beach, FL 32901 (112) 302-9231	
Sun Aviatio	on, Inc. Municip	al Airport, Vero	Beach, FL 32901 (112) 302-9231	
Sun Aviatio	on, Inc. Municip	al Airport, Vero	Beach, FL 32901 (112) 302-3231	

No

		Signature	Certificate N
Date: 05/18/15 Hobbs: 60.9 ACTT: 60.9 Installed Piper SSL "O" ring in brake res MAINTENANCE RE identified above was Aviation Administrat accordance with app instructions. Pertine	ervoir, installed P/N 484-808. LEASE: This aircraft, airframe repaired and inspected in accion and is approved for return licable aircraft, engine and or	N929DA S/N: 4697573 -001 per Piper drawing No. 885 , aircraft engine, propeller or apprordance with current regulations to service. All work was perform appliance maintenance manuals air station office, WO # S002086 CRS # ECWR470D , FL 32961 (772) 562-9257	oliance s of the Federal — ned in s and
			1

Date	Aircraft	Time	Recorder	Maintenance	
Date	This Date	Total	Reading		
Date: 06/ Hobbs: ACTT: 6/ Accomp	65.3 P 5.3 lished Piper SB12	A46-500TP	SN: 4697573	installation modification. gine, propeller or appliance identified regulations of the Federal Aviation	
above was Administ applicab details a	as repaired and ins ration and is approvale aircraft, engine a re on file at the rep	pected in accordance for return to a policy to a polic	o service. All work maintenance man maintenance man p, WO #S002183	was performed in accordance with uals and instructions. Pertinent	
Signatu Sun Avia	re Municip	al Airport, Ver	o Beach, FL 32961	(772) 562-9257	
Signatu Sun Avia	re tation, Inc, Municip	al Airport, Ver	o Beach, FL 3296	(112) 502-9251	
Signatu Sun Avia	re ation, Inc, Municip	al Airport, Ver	o Beach, FL 3296	(112) 502-9251	

	Registration No							
and R	emarks			Signature	Certificate No			
-	SUN AVIATION, INC	C. Vero Beach, FL VRI	3					
	Date: 06/10/15	Airframe Log	N929DA					
-	Hobbs: 62.2	PA46-500TP	SN: 4697573					
	ACTT: 62.2							
-		arrantable first 50 hou						
		hour checklist. Repla						
_		NA instructions. Adju						
	cable tension per	sted yaw servo bridle ca	able per PA46-50	01P WW 22-10-00.	Adjusted rudder			
		-20-00. Adjusted eleva	tor cable tension	ner PA46-500TP MI	M 27-30-00			
		LEASE: This aircraft, a						
		and inspected in accord						
-		s approved for return to						
		ngine and or appliance						
		the repair station office						
	2015.11				· ·			
	4	()						
	Signature /			# ECWR470D				
	Sun Aviation, Inc,	Municipal Airport, Vero	Beach, FL 32961	l (772) 562-9257				

	Aircraft Time		Recorder	Maintenance
Date	This Date	Total	Reading	
	Brought Forward			



Date: 10/8/2015

N-Number: N929DA

Hobbs 94.3

Make: Piper

Work Order: 196

Model: PA46-500TP

863.940.3450 www.doublemaviation.com

Serial Number: 4697573

Airframe Logbook Entry

1 Installed seat #4 in aircraft. Recalculated weight from factory original weight & balance in AFM for #3 seat removal. See revised weight & balance this date.

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

	Audrey Baxcaja	Mudreyst	axaayay	IA 3330231 A&P	
Total To					

Registration	No	

SUN AVIATION, INC.,	Vero Beach, FL (VRE
Date: 11/13/15	AIRCRAFT LOG

N929DA

S/N: 4697573 Model: PA46-500TP

Hobbs: 109.2 ACTT: 109.2

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, PARA C AND D, battery next due 11/2021. Verified FAR 91.411 and 91.413 ALT/TRSP Static check, next due 10/2016. Accomplished Piper SB1280 H3R fire extinguisher replacement, installed P/N 88572-001 SN B10804575 per Piper drawing # 88572. Weight and balance updated in POH. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 aileron sector bearing lubrication requirements. Piper SB1271 N/A due to S/N. Accomplished Piper SL1189B inspection of GCU reverse current protection circuit and connector and marked cannon plugs. Accomplished Piper SB1275 by installing the landing gear service placard P/N 100700-125. Piper SB1267 N/A due to S/N. Replaced left and right main with Goodyear Flight Custom III 600X6 8 ply and 500X5 10 ply nose tire per PA46-500TP MM 32-40-00.

Con't on Page 2

1		

test rein 115. Re mormal test per Accom 27-10-0 per PA MAINT above v Adminis applica details 2015.2	nstalled battery in replaced left and rig I and emergency cor MM 24-30-00. Accomplished 1 year vis 00. Accomplished 46-500TP G1000 In ENANCE RELEAS was repaired and its istration and is appable aircraft, engine are on file at the received.	adar pod. Replace ht main gear downonfiguration and secomplished 1 yesual inspection of 1 year engine mmm 5-30-00. SE: This aircraft, anspected in according to a return the and or appliance epair station office.	rn actuator hoservice pumpear O2 mask of the GFC 76 nount attach airframe, aircrance with coservice. Alle maintenance, WO # S002	oses, installed Accomplish Service per F OO Garmin se bracket insper raft engine, presurrent regulati I work was per se manuals and	f successful battery capacity ir, installed P/N MS28775-P/N 565-905 and ran gear in ed 1 year main battery cap A46-500TP MM 35-10-00. To per PA46-500TP MM ection and bolt retorque opeller or appliance identified ons of the Federal Aviation formed in accordance with d instructions. Pertinent searched THRU REV.	

Registration No	
Kegish anon 1 to.	

and Remarks		Signature	Certificate No
Date: 11/17/15 Hobbs: 109.2 WO#: A001849	Sun Aviation, Inc. Avionics Aircraft Log	,	N929DA 4697573 PA46-500TP
	This aircraft, airframe, aircraft engine, pations of the Federal Aviation Administration and of the blocking and of	propeller or appliance was i	epaired and inspected

	Airc	raft Time	Recorder		Maintenance
Date	This Date	Total	Reading		
Data	4/20/16	Sun Avi	ation, Inc.	A/C Reg#:	N929DA
	0139.4	_ Avio		A/C Serial#:	
			aft Log	A/C Model:	PA46-500TP
WO#:	A002201	Allon	416 20 9		

1. Reloaded Software in the #1 GRS77 & #1 GMU44. Operation Check performed without discrepancy.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on tile at the repair station office.

Signature FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257

J 44	Inc. Wero Beach, F	1	1	
		-		
	Marie 1			
Total To				
Total To Carry Forward				

Registration	No			
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and Remarks		Signature	Certificate No
Date: 10/28/1	6 Sun Aviation, Inc.	A/C Reg#:	N929DA
Hobbs: 201.5	Avionics	A/C Serial#:	4697573
WO#: A002496	Aircraft Log	A/C Model:	PA46-500TP

1. Verified G1000 LRU serial numbers and Performed G1000 Return to Service Test IAW Garmin G1000 System Maintenance Manual 190-00907-00 Section 8.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for 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.

Signature: FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257

"On ILL: ALTIME

Registration	No
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SUN AVIATION, INC.,	Vero	Beach, F	FL ((VRB)
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Date: 11/11/16 Hobbs: 201.5

AIRCRAFT LOG Model: PA46-500TP

N929DA S/N: 4697573

ACTT: 201.5

Con't on page 2

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, PARA C AND D, battery next due 11/2021. Verified FAR 91.411 and 91.413 ALT/TRSP Static check, next due 11/2018. Accomplished fire extinguisher reweigh per Piper SB1280 H3R fire

extinguisher replacement. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 alleron sector bearing lubrication requirements. Accomplished Piper SB1204 re-calculation of wing structure life limit due to unique usage and determined to be a Category 1 normal usage. Accomplished AD 2016-01-01 per Piper SB1262B inspect upper skin joints for adequate sealant. Accomplished Piper SB1293A engine mount doubler installation inspection and towing placards replacement, installed P/N 88582-701 and 88582-702 per Piper drawing 88582-002 Rev A. Replaced nose and main tires, installed nose P/N 505C01-2, right main P/N 606C86-6 S/N 61552051 and left main P/N 606C86-6 S/N 61552053 per PA46-500TP G1000 AMM 32-40-00. Upon successful completion of cap check of EPS battery reinstalled EPS battery. Replaced "O" ring in brake reservoir filler. Adjusted aileron, rudder, trim, yaw and roll servo cable tensions per PA46-500TP MM 27-00-00 and 22-10-00 and installed new turnbuckle locks, installed P/N MS21256-1. Accomplished Piper SB1283A cabin alt installation Part III. Accomplished P iper SB1291 executive table placard replacement, installed P/N 88581-701 per Piper drawing #88581. Accomplished 1 year main battery cap test per PA46-

500TP G1000 MM 24-30-00. Accomplished 1 year Pilot's O2 mask service per MM 35-10-00.

Page 2

Accomplished 1 year GFC 700 servo inspection per Piper PA46-500TP MM 22-10-00. Accomplish 1 year engine to firewall attach bracket inspection and bolt retorque per PA46-500TP G1000 AMM 5-30-00. Accomplished 2 year 400 hour fuel pure system inspection and cleaning per PA46-500TP G1000 MM 71-70-00. Accomplished 2 year/ 500 hour fuel tank strainers/ fuel probe inspection per PA46-500TP MM 5-30-00. Accomplished 2 year magnetometer and magnetic compass calibration per Garmin test procedures and PA46-500TP. Reshimmed left main trunion, installed P/N 83698-002 per PA46-500TP MM 32-10-00 and ran gear in normal and emergency configuration. Replaced left main gear down actuator hose, installed P/N 565-905 ran gear in normal and emergency configuration and reserviced pump reservoir per PA46-500TP MM 29-10-00. Serviced O2 per PA46-500TP MM 35-10-00. Replaced two internal fuel panels, installed P/N 680-291 per PA46-500TP MM 28-10-00. Adjusted rake angle per PA46-500TP MM 32-20-00. Adjusted nose ear steering clearance per PA46-500TP MM 32-50-00 and cycled gear in normal and emergency configuration.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S002770 AD's Researched THRU REV. 2016.21

Signature	Ku	00/	//					/R470D	
Signature Sun Aviatio	n, Inc.	Municipal	Airport,	Vero Beach	, FL 3	2961	(772)	562-925	

Carry Forward	
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SUN AVIATION, INC., Ve Date: 11/11/16 Hobbs: 201.5 ACTT: 201.5	ro Beach, FL (VRB) AIRCRAFT LOG Model: PA46-500TP	N929DA	
Date: 11/11/16 Hobbs: 201.5 ACTT: 201.5	AIRCRAFT LOG	N929DA	
ACTT: 201.5		S/N: 4697573	
Damariad main batton, D/		5/N. 4 05/5/5	
40813162 per PA46-5007	N RG41 S/N 406S4582, instal P MM 24-30-00.	lled main batter <mark>y P/N 601-91</mark> 0	0 S/N
Administration and is app applicable aircraft, engine details are on file at the re	nspected in accordance with c roved for return to service. All and or appliance maintenance epair station office, WO # S00 cipal Airport, Vero Beach, FL 3	l work was performed in accordence manuals and instructions. 2770 CRS # ECWR470D	ordance with
			

	Aircraf	t Time	Recorder	Maintenance	
Date	This Date	Total	Reading		
Date: 0 Hobbs: ACTT: Accom 1-4. MAINTI above v Adminis applica details	ENANCE RELEAS was repaired and in stration and is appr ble aircraft, engine are on file at the re	AIRCRAFT Li Model: PA46 288 aft vertical E: This aircraft espected in accoved for return and or applian pair station offi	DG / -500TP al fin spar inspense, airframe, aircrance with cure to service. All vice maintenance ce, WO # S0030	N929DA S/N: 4697573 Action per accomplishment instructions of the engine, propeller or appliance identified frent regulations of the Federal Aviation work was performed in accordance with manuals and instructions. Pertinent 143 RS # ECWR470D 2961 (772) 562-9257	
al To					

Registration	No
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S		Signature	Certificate
5/22/17	Sun Aviation, Inc.	A/C Reg#:	N929DA
273.3	Avionics	A/C Serial#:	4697573
A002726	Aircraft Log	A/C Model:	PA46-5007
erformed in accordan Pertinent detals are	nce with applicable aircraft, engine and or	appliance maintenance ma	anuals and
non, inc. vero bea	FAA CRS ECWD470D ach, FL. 32960 (772) 562-9257		ī
	5/22/17 273.3 A002726 Removed OEM Statement MD302 form 337 completed to the current regular formed in accordance of the current regular formed in accorda	5/22/17 Sun Aviation, Inc. 273.3 A002726 Aircraft Log Removed OEM Stby 2" instruments and stby attitude Continent MD302 Stby Attitude Module following the Form 337 completed and filed as required. W&B/Equivalent MD302 Stby Attitude Module following the form 337 completed and filed as required. W&B/Equivalent MANCE RELEASE: This aircraft, airframe, aircraft engine, page with current regulations of the Federal Aviation Administration	5/22/17 Sun Aviation, Inc. A/C Reg#: 273.3 Avionics A/C Serial#: A002726 Aircraft Log A/C Model: Removed OEM Stby 2" instruments and stby attitude backup battery system Continent MD302 Stby Attitude Module following the guidance of STC SA0 Form 337 completed and filed as required. W&B/Equip. list updated to reflect the current regulations of the Federal Aviation Administration and is approved for recerformed in accordance with applicable aircraft, engine and or appliance maintenance mainten

Desta	Aircraf	Aircraft Time			Maintenance	
Date	This Date	Total	Reading			
	BA	IATION EL 33811 on.com	-	808	N-Number: N929DA Make: Piper Model: PA46-500TP Serial Number: 4697573	
1 Serviced O	xygen system to spe	cifications				
I certify that th Regulat	nis aircraft and/or co cions and has been d Michael M Naa	etermined to be	end en repaired in acc in ai worthy con	uidon in regai	current Federal Aviation Agency d to the work performed. 3675928 A&P	

and Remarks		Signature	Certificate No
47523326 and repla MAG CAL without AINTENANCE RELEASE: accordance with current regular york was performed in accordant anstructions. Pertinent details are	Sun Aviation, Inc. Avionics Aircraft Log ed screws in upper vert tail closeou ced with OVERHAULED GMU44 discrepancy. This aircraft, airframe, aircraft engine, p ations of the Federal Aviation Administratice with applicable aircraft, engine and or e on file at the repair station office. FAA CRS ECWD470D uch, FL. 32960 (772) 562-9257	A/C Serial#: A/C Model: At with new. Removed #1 As/n 47507433. Performe Aropeller or appliance was repation and is approved for return appliance maintenance manner.	GMU44 s/n ed #1/#2 G1000 aired and inspected rn to service. All

	Aircro	ft Time	Recorder	Maintenand	
Date	This Date	Total	Reading		
Deter	7/26/17	Sun Aviation, Inc.		A/C Reg#:	N929DA
	Avionics			A/C Serial#:	4697573
Hobbs:	270.0		raft Log	A/C Model:	PA46-500TP
WO#:	A002820	All VI	art Log		

- Removed GRS77 s/n 42027797 and replaced with OVERHAULED GRS77 s/n 42027995.
- Tightened pitot fitting in pilot pitot system behind instrument panel. Performed leak check without discrepancy.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for 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.

Signature: Sun Aviation	, Inc. Vero Beach,	E FL. 32960	FAA CRS ECW (772) 562-925	/D470D 7		
Total To Carry Forward						

Registration No._

MAKE: Piper MODEL: PA46-500TP S/N: 4697573 REG. NO: 929DA WORK ORDER: 9686-11-2017



Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515

DATE: 12/1/2017 A/C TSN: 304.4 Landings: HOBBS: 304.4

Airframe Entries

C/W Annual inspection...Lubed engine and airframe controls per MM Chpt.12...Replaced VRV filter PN B3-5-1....Replaced both MLG actuator down hose assemblies P/N:187-273....Removed and replaced powerpack down hose assembly P/N: 566-176....Removed and replaced LMG upper torque link bolt and bushings and checked rigging on squat switch Ref. Piper PA-46-500 MM 32-60-00....Adjusted NLG rake angle and checked NLG steering clearance....Reinstalled left aft facing passenger seat. Weight and Balance Data revised and placed in POH....C/W Piper SB 1204. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time....C/W Piper SB 1293C (Engine Mount Doubler Installation and Towing Placards Replacement) PART II paragraph 3....C/W Piper SL 1131 Aileron Sector Bearing Lubrication Requirements...C/W Piper SL 1211 Audio Bus Wiring Inspection & Fuse Replacement, Group B....C/W FAR91.207(d) by inspecting and testing ELT. No defects noted at this time, next due 12/2018, battery expires:11/2021....C/W Special Inspection (12 months) Propeller heater inspection and functional check per MM.30-60-00....C/W Special Inspection (12 months) Inspect, capacity check and recharge aircraft main batteries....Complied with 12 month special inspection of pilots oxygen mask, no defects noted at this time....C/W Special Inspection (12 months) Removed engine mount heat boots (4 ea.) and visually inspect engine mount to fuselage attach brackets and attaching hardware for condition and security....Cleaned cabin outflow and safety valves as required....Performed annual G1000 checks IAW MM 22-10-00 & 34-20-00....C/W Special Inspection (12 month) Fuel return system inspection and functional check per MM. 28-20-00 pg.13-16....C/W Mid-Continent SAM302 battery test. Confirmed battery has a charge of more than 80% with no warning indication. Battery is good for continued service....Complied with 300 hour special inspection on Oxygen cylinder system, no defects noted at this time....Replaced alternator belt PN 73965-023 & AC compressor belt PN 73965-024....C/W 300 hour starter/generator brush inspection & cleaning. Installed new brushes PN 200SGL1009.Ref. MM 24-30-00....C/W G1000 (3 Year/1000 hrs) inspection of GSA81 Servos IAW MM 22-10-00.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 12/1/2017

Work Order: 9686-11-2017

Scott Koenia, IA: 2839208

Printed by EBis 3 (datcomedia.com)

MAKE: Piper MODEL: PA46-500TP S/N: 4697573 REG. NO: 929DA WORK ORDER: A0365



Flightline Repair Station

Repair Station No. 5FVR692B 3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850.702.5455 DATE: 12/12/2017 A/C TSN: 305.7 Landings: HOBBS: 305.7

Avionics Entries

Performed a Calibration of the Mid-Continent MD302 Standby Attitude Model p/n 6420302-1 s/n D17-10733 IAW Mid-Continent Installation Manual p/n 9017782. Unit tests good REF CFR 91.411 and 43 appendix E.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.

DATE: 12/12/2017

SIGNED

Work Order: A0365

Joe Volker Certified Repair Station No. 5FVR692B Printed by EBis 3 (datcomedia.com)

Date: 1/19/18

Sun Aviation, Inc.

A/C Reg#: N929DA

Hobbs: 364.2

Avionics

A/C Serial#: 4697573

A/C Model: PA46-500TP

WO#: A002971

Aircraft Log

A/C Model: PA46-50011

1. Removed #1 GMU44 s/n 47507433 and replaced with OVERHAULED GMU44 s/n 47521969. Performed MAG CAL on #1 & #1 AHRS systems without discrepancy.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for 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.

Signature:

FAA CRS ECWD470D

Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257



C&W Aero Services, Inc. CRS# HX1R208K



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| 19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750 | WO # 31917 | Hobbs: 380.8 | Aircraft TT: | Cycles: Reg. #: N929DA | Ser #: 4697573 | Manuf.: Piper | Model: PA46-500P

1. Replace right main tire and tube. Inspect wheel assembly before installing new tire. No defect found. Install wheel and tire assemble on aircraft and service tire to spec pressure with nitrogen.

Tire P/N 072-317-0 S/N 6334S00434 Tube P/N 092-500-0

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Date: 2/6/2018



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

1 19 W	right way, Suite #3, ra	Ill Held, NJ 07004 (775)	221 0100
	Hobbs: 386.6	Aircraft TT:	Cycles:
WO # 31926			Model: PA46-500TP
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Widdel. PA40-30011

1. Install overhaul exchange GWX68 radar unit. Unable to load software and configuration files. Trouble shoot and found corrosion and broken wires due to corrosion at radar connector. Cut wires, redress and install new pins. Clean back shell grounds and reassemble connector. Load software and configuration files successfully. Confirm internal settings and software level. Function test radar unit OK.

GWX68 P/N 011-00883-00 S/N 83953146

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized S	Signature: CRS # HX	1R208K	Date: 2/22/2018	
l To y Forward				



C&W Aero Services, Inc. CRS# HX1R208K

Piper

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19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 31946	Hobbs: 399.3	Aircraft TT: 399.3	Cycles:
VVO# 31940			Model: PA46-500TP
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model. PA40-30011

 Replace #1 GMU44 magnetometer P/N 011-00870-00 S/N 47507250. Calibrate magnetometer IAW Garmin G1000 Line Maintenance Manual P/N 190-00303-04 Rev. F. Calibration passed OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Date: 3/6/2018

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: Beechcraft, Mooney Aircraft & Piper

		Total art, mooney	anciall a <i>ribei</i>
WO # 31960	Hobbs: 422.8	Aircraft TT:	
Reg. #: N929DA	Can # 4007570		
Reg. #. Nazada	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Remove and replace GRS #1 with an overhaul exchange unit. Load software and configuration, re-swing magnetometer IAW Garmin G1000 Line Maintenance Manual P/N 190-00303-00 GRS77 P/N 011-00868-10 S/N 42007833

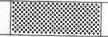
his aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the AA and is approved for return to service. Permanent details are on file at this Repair Station.

uthorized Signature:

CRS#HXJR208K

Date: 4/18/2018

Total To Carry Forward





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C&W Aero Services, Inc. CRS# HX1R208K

Piper

| 19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750 | WO # 32185 | Hobbs: 437.4 | Aircraft TT: | Cycles: Reg. #: N929DA | Ser #: 4697573 | Manuf.: Piper | Model: PA46-500TP

- 1. Jack aircraft and remove Left main wheel. Replace tire and tube. Inspect wheel, brakes, bearings, grease bearings. Reinstall wheel and safety.
- 2. Brake linings worn beyond limits. Replace all brake linings. Season new linings as per manufacturer's instructions.
- 3. Perform Compressor Wash using distilled water IAW Pratt & Whitney Manual.
- 4. Perform 50 Hour Airframe inspection using C&W Form CWF-50H. Copy attached to Work Order and supplied to Owner/Operator.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Neil Nederfield 3442296 IA

Date: 5/21/2018

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: Beechcraft, Mooney Aircraft & Piper

All Authorized	1 Selvice Center I or. De	,000,000,000,000	
WO # 32217	Hobbs: 447.6	Aircraft TT:	
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Service main struts to spec height 2.5" with nitrogen.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Date: 6/5/2018

Total To Carry Forward			
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ana		-	And the second s	Marshfield Municipal Alliport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050		
	7/13/2018	N929DA	PA46-500TP, se	rial # 4697573	Aircraft Logbook	
	Hobbs Hours:	468.4 :: Aircraft T	Γ: 468.4 :: #1 Engine	TT: 468.4 :: Prop. TT: 46	8.4	
	Completed an the maint. ma	nual inspection in a nual as a guide.	ccordance with FAR 43	3, app. D using Piper form	s for Events #1 & #2 from	
	1) Completed	the following Piper	recommended special	inspection items: 50 hr.,	30 day, 90 day, 6 month,	
	2) C/W Piper	n battery capacity cl Service bulletin 129 I found none - next (0B by checking the inl	battery capacity check. coard flap bracket rivets in	both wheel wells for	
	3) C/W Piper	Service bulletin 130	6 to the wheel well ribs	s and found no cracks - ins	stalled "no cracks"	
	strengthening	kit part # 88609-002	2.			
	inspection rea	Service Bulletin 132 uirements - installed	:/ on the alleron cable I Piper kit 88630-701 a	guide tube behind the par is permanent corrective ac	iel - guide failed the	
	5) C/W Piper	Service Letters 113	1 (lube of aileron wing	quadrant bearing) & 1135	(cables and pullevs	
	inspection).					_
	6) C/W Piper hoses. The ot	Service Letter 1202 her two hoses were	by replacing two of the already replaced. No	e four main gear actuator h further action is required f	nosess with new 187-273	
	 Adjusted ru cockpit reads ; 	idder trim tab rod er	nds out 1.5 turns so tha	at the tab is in neutral when	the indicator in the	Т
			psi with Aviator's Brea	athing Ovygen		
	Adjusted no	ose gear steering cl	earance per maintenar	nce manual instructions.		
	10) R+R lift co	omputer (part # C-53	3006-1, serial # 15928!	5-04) after repairs at Safe	Flight as shown on the	
	attached 8130	-3 form. Adjusted ti	p grams settings per P	iper Service Letter 1184.		i
	RH brake.	all triree struts with t	iuid and nitrogen per s	trut placard instructions. E	Bled air from the co-pilot's	
		Ill deicer boots and	applied Agemaster and	I Icex.		
	I certify that the			nce with an annual inspect	tion and was determined	
				Edward J. Novak Jr. A-	P 2832024 IA	

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 N4OR087B OG ID# 1584 05-February-2019 WO# 54860 AC TT 598.7 1929DA S/N 4697573 PIPER PA46-500TP TACH 598.7

Pg 1/1

IONICS UPGRADE TO INCLUDE THE REMOVAL OF: GTX 33ES (PN:011-00779-30 SN:89127964) AND GTX (ES(PN:011-00779-30 SN:89128053)

/IONICS UPGRADE TO INCLUDE THE INSTALLATION OF: GTX 335R(PN:011-03301-00 SN:3EF021347) AND rx345R(PN:011-03303-00 SN:3EH022917)

HE ALTIMETER (PN:011-00882-10 SN:20618429), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN ESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED o 30,000 FT.

HE ALTIMETER (PN:011-00882-10 SN:20618438), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN ESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED 0 30,000 FT.

HE ALTIMETER (PN:6420302-1 SN:D17-10733), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN ESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED o 30,000 FT.

TC TRANSPONDER (PN:011-03301-00 SN:3EF021347) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH AR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

TC TRANSPONDER (PN:C11-03303-00 SN:3EH022917) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH AR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

OTE: WORK ORDER #5486 ON FILE.

HE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION DMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

40R0878 BENJAMIN SCHULTZ

00



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane

Marshlield, MA 02050

2/6/2019

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 598.7 :: Aircraft TT: 598.7 :: #1 Engine TT: 598.7 :: Prop. TT: 598.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a quide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects next due 02/20. ELT battery is due 11/21.
- 2) Completed the following Piper recommended Special Inspections: 50 hr.,b 300 hr str/gen brush wear check, 300 hr oxygen items, 600 hr airframe fuel filter element replacement, 500 hr main gear bolts check, 5900 gear warning check, 30 day, 90 day, 6 month, 1 year, main battery capacity check and L3 standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys
- 4) C/W Piper Service Letter 1205 by adding the "Stall Heat Inhib" feature per Piper kit 88590-002
- 5) C/W Piper Service Bulletin 1290B by inspecting the inboard flap bracket rivets for looseness and found none. Next due at 698.7.
- 6) C/W Piper Service Spares Letter 478 by installing Rosen sun visors per Piper kit 88615-701 instructions.
- 7) Installed two new Michelin Air 6.00x6 8pr main tires, two new Michelin 092-500-0 inner tubes, two new RA164-07800 brake discs, two new RA068-01100 shims and 8 new 066-06200 brake pads. Installed anew 5.00x5 10 pr nose tire and a new 092-308-0 nose inner tube.
- 8) Added FAA-PMA Tanis Aircraft battery heater blanket per installation instructions provided with kit from
- 9) R+R LH elevator inboard static wick with a new unit (part # 456-904).
- 10) Repainted the elevator trim tab indicator tip with white paint.
- 11) Installed a PM Research radome erosion preventiion boot (part # PM158).

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Edward J. Novak Jr. A+P 2832024 IA



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

- 1	1 17 V	VIIEIL Way, Duite 115, 10	miliona, I to 0,001.	
t	WO # 32960	Hobbs: 650.0	Aircraft TT.	Cycles:
+	Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Autopilot will give an uncommanded disconnect about every 10 hours of flight. Download assert log and send to Garmin for evaluation. Install an overhaul exchange pitch servo. Installation, post install configuration and post install check out done in accordance with Garmin G1000 system maintenance manual P/N 190-00907-00. GSA81 Pitch servo P/N 011-00878-20 S/N 1A1010890.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Total To Carry Forward San Nederfield 2749790 IA

Date: 5/28/2019



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

1) Wight Way, Batte 115, 1 an itera, 100 0 00 1 (575) 227 5750					
WO # 32177	Hobbs: 458.9	Aircraft TT: 458.9	Cycles:		
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP		

1. Garmin GMU44 #1 is still red X out at altitude. Inspect wiring from GMU44 #1 to bulkhead connector at pressure vessel. Unable to an issue with the wiring. Replace the wiring from GMU44 #1 to cannon connector on pressure vessel. Post check out of system OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to revice. Permanent details are on tile at this Repair Station.

Authorized Signature:

Date: 6/19/2018

Sean Nederheld 2749790 IA

Tot

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8130-3 form for more details.

to be in an airworthy condition.

				The same of the sa	
		AVIATION	Shoreline Aviation, Inc.		
			Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050		
5/1/2020	N929DA	PA46-500TP, s	serial # 4697573	Aironoft Lambast	
Hobbs Hours:	841.7 :: Airc	raft TT: 841 7 " #1 Engin	e TT: 841.7 :: Prop. TT: 841.7	Aircraft Logbook	
Completed an the maint, ma	nual inspection	n in accordance with FAR	43, app. D using Piper forms fo	r Events #1 & #2 from	
day, 6 month, capacity check	1 year, 5 year (.	corrosion control items, m	cts - next due 05/21. ELT batt is ial Inspections: 50 hr., 250 hr., iain battery capacity check and	300 hr, 30 day, 90 standby gyro battery	
4) C/W Piper : 5) Installed 2 i	Service bulleting tires	n 1344 by installing Piper I (Michelin Air 6 00x6 8pr)	ing quadrant bearing), 1135 (ca spar insp) & 1280 (rudder bar kit 88647-002 (Rlay K303 replac and two new Michelin 6.00x6 in	check). cement).	
and nitrogen to	maintenance	manual recommended se	5.00x5 inner tube. Service all t	three struts with fluid	
7) C/W Piper Sinstructions - n	ear rake angle Service Letter o further actior	to 89.7 degrees and set no 1236 on the noses gear ch n is required	ose gear steering clearance to name! clearance. Clearance ac	djusted per Letter	M-14
9) Resattled the 9) R+R starter 8130-3 form for	e forward nose generator (par more details	e gear actuator bolt at the rt # 200SGL145Q, serial #	nose gear trunnion using .041" S00148) after overhaul by NAA	safety wire. ASCO. See attached	

John E. Sheehan A+P 3439269 IA

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined

Signed

Registration No._

N929DA

AVIATION SERVICES, LLC

5/12/2020

Hobbs:

TAC: N/A

806 Blue Angel Way Smyrna, TN 37167

I certify that the #1 and #2 Air Data Computer and Standby Altimeter has been tested, inspected, and found to comply with FAR Part 43, Appendix E, per FAR §91.411.
The altimeters were tested to a maximum altitude of 30,000 feet.

Leartify that the pilot and co-pilot static system was tested and inspected and found to comply with FAR Part 43, Appendix E, per FAR §91.411.

ADC #1: GDC 74A/GDU 1040	P/N: 011-00882-10/011-0974-10	S/N: 20618429/88958396
ADC #2: GDC 74A/GDU 1040	P/N: 011-00882-10/011-0974-10	S/N: 20618438/88958407
Standby Altimeter	P/N MD302	S/N 6420302-1

certify that the ATC Transponders have been tested and found to comply with FAR Part 43, Appendix F, per FAR §91.413.

The required altitude reporting correspondence checks have been performed and meet the criteria outlined in FAR Part 43, Appendix F.

No 1 Transponder	P/N: 011-03301-00	S/N: 3EF021347
№ 2 Transponder	P/N 011-03303-00	S/N: 3EH022917

The aircraft identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Performed Performed are on file at this repair station under Work Package Nº 100406.

For: AMI Aviation Services, LLC

Certified Repair Station # 6A5R818B

Model: PA46-500TF

S/N: 4697573

Reg. №: N929DA

AVIATION SERVICES, LLC Date: 5/12/20 Hobbs: 846.8

TAC: N/A

806 Blue Angel Way Smyrna, TN 37167 ICE

Airframe

Maintenance Accomplished:

RVSM STC/Testing/Certification The initial RVSM airworthiness inspection for Piper Model PA-46-500TP (M500) Class 4 airframes was performed in accordance with AeroMech Inc. STC No. SA02654SE and AeroMech Document No.: AM0325-IC01-04, Rev A, Dated January 2020.

The airframe identified above was inspected and repaired in accordance with current 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 repair station under Work Package № 100418.

Signed:

For: AMI Aviation Services L.C.

Certified Repair Station № 6A5R818B

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360

LOG ID# 2592 17-May-2021 WO# 6559 HOBBS 1007.1

N929DA S/N 4697573 PIPER PA46-500TP

Pg 1 / 1

AVIONICS UPGRADE TO INCLUDE REMOVAL OF: GDU1040 PILOT PFD (PN: 011-00972-10 SN: 88958396), GDU1040 COPILOT PFD (PN: 011-00972-10 SN: 88958407), GDU1500 MFD (PN: 011-01108-10 SN: 43216287), GCU 476 KEYBOARD (PN: 011-01237-10 SN: 21905707)

AVIONICS UPGRADE TO INCLUDE INSTALLATION OF: GDU1050 PILOT PFD (PN: 011-03470-00 SN: 494007101), GDU1050 COPILOT PFD (PN: 011-03470-00 SN: 494007103), GDU 1550 MFD (PN: 011-03472-00 SN: 496001896), GCU 476 KEYBOARD (PN: 011-04476-00 SN: 48w000367), FLIGHTSTREAM 510 (PN: 011-03595-00 SN: 402014603)

NOTE: WORK ORDER 6559 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

N4ORO87B BENJAMIN SCHULTZ

AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

5/18/2021 N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 1007.1 :: Aircraft TT: 1007.1 :: #1 Engine TT: 1007.1 :: Prop. TT: 1007.1

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects next due 05/22. Installed a new 455-0012 ELT battery ELT batt is now due 05/28.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.
- 3) C/W Piper recommended 1000 hr. Firewall inspection items.
- 4) C/W Piper recommended 400 hr. Fuel puge system checks.
- 5) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), 1272 (elevator spar insp), 1280 (rudder bar check), 1285A (tire pressures) & 1286C (NLG Steering adjustments) only the nose gear steering clearance required slight adjustment.
- 6) C/W Piper recommended 500 hr main landing gear bolt inspection.
- 7) R+R 3 static dicharge wicks with new units (inboard on LH aileron, center on elevator and RH elevator center).
- 8) Adjusted aileron cable tensions and resaftied the turnbuckles.
- 9) Applied 2" wide clear polyurethane anti-chafe tape to the upper surface of both flaps at the contact point to the wing skin
- trailing edge.

 10) Installed all new tires (6.00x6 8pr Michelin Air main tires & 5.00x5 10pr Michelin Air nose tire) and al new Michellin Air-Stop
- inner tubes.
- 11) Installed all new 066-06200 brake pads and two new RA068-0110 brake heat shims.
- 12) Serviced all three struts with fluid and nitrogen per strut placard instructions.
- 13) Completed 24 month Garmin Compass Swing procedure.
- 14) C/W Piper Service Bulletin 1290B by inspecting the flap brackets for loose rivets and found none next due at 1107.1.
- 15) C/W Piper Service Bulletin 1204 (wing life) and found airplane continues to be Category 1 usage so no change to wing life is necessary.
- 16) Completed 1000 hr. G1000 checks per maintenance manual (34-25-01) and found no defects.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

Edward J. Novak Jr. A+P 2832024 IA



Shoreline Aviation, Inc.

Marshfleld Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050

11/12/2021 N929DA

PA46-500TP, serial # 4697573

Hobbs Hours: 1143.2 :: Aircraft TT: 1143.2 :: #1 Engine TT: 1143.2 :: Prop. TT: 1143.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 11/22. ELT batt is due 05/28.

2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.

3) C/W Piper Service Letters 1131A (lube of alleron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), SB 1369 (elevator spar insp), 1280 (rudder bar check), 1285B (tire pressures), 1286D (NLG Steering adjustments) & 1397 (Steering Tube Insp.)

4) C/W Piper Service Bulletin 1290B on the flap bracket rivets and found no loose rivets.

5) C/W 500 hr. Main gear bolt inspection and found no defects. Checked the boll torque of the nose gear actuator attachment point to the nose gear trunnion and resaftied the bolt head.

6) Replaced one defective nutplate at an access panel under the RH wing.

7) Installed all new 066-06200 brake pads on the RH side.

8) Sealed the outer edges of the cockpit and cabin side windows using AC350-B1/2 sealant.

6) Service all three struts with fluid and nitrogen to strut placard settings.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

John E. Sheehan A+P 3439269 IA

Total To Carry Forward		

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: Beechcraft, Mooney Aircraft & Piper

WO # 35325	Hobbs: 1163.4	Aircraft TT:	
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Dorsal fin lightning diverter strip RH came off. Clean off all residue from old diverter strip. Install new diverter strip per kit 88559 Rev. C instructions. Reinstall dorsal fin on aircraft.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

authorized Signature:	Date: 1/13/2022	-

Date

Model: 500TP

S/N: 4697573

N929DA

AM AVIATION

806 Blue Angel Way

Smyrna, TN 37167

Date: 3/18/22 Hobbs: 1204.2

TACH: N/A

Registration No._____

enance

Signature and Remarks

Certificate No.

Performed AeroMech ICA's 24-month RVSM checks Ref. Doc # AM0325-1C01-04 Rev.C.

I certify that the altimeters have been tested, inspected, and found to comply with FAR Part 43, Appendix E, per FAR §91.411. The altimeters were tested to a maximum altitude of 30,000 feet.

I certify that the static systems Pilot and Co-Pilot were tested and inspected and found to comply with FAR Part 43, Appendix E, per FAR §91.411.

centry that the static systems / her and			
#1 ADC:	P/N 011-00882-10	S/N 20618429	
#2 ADC:	P/N 011-00882-10	S/N 20818438	
Standby Altimeter:	P/N 6420302-1	S/N D17-10733	

I certify that the ATC Transponders have been tested and found to comply with FAR Part 43, Appendix F, per FAR §91.413. The required attitude reporting correspondence check has been performed and meet the criteria outlined in FAR Part 43, Appendix F.

1116 Jedanos autora - L		
Transponder #1	P/N: 011-03303-00	S/N: 3EH022917
Transponder #2	P/N: 011-03301-00	S/N: 3EF021347

Total To Carry Forwa

The aircraft identified above way inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Perionent installs of the work performed are on file at this repair station under Work Package Nº 101147

Certified Repair Station # 6A52818B



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050

6/21/2022

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 1278.9 :: Aircraft TT: 1278.9 :: #1 Engine TT: 1278.9 :: Prop. TT: 1278.9

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects next due 06/23. ELT batt is due 05/28.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 300 hr oxygen items, 30 day, 90 day, 6 month, 1 year and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), SB 1369 (elevator spar insp), SB1290B (flap bracket rivets insp), SB1204 (wing use is still Category one), 1280 (rudder bar check), 1285B (tire pressures), 1286D (NLG Steering adjustments) & 1297 (rudder tube check).
- 4) Removed existing aircraft battery and installed a new Concorde RG41/53 battery (serial # 41227490) per STC SA01050DE. See FAA form 337 dated 6/15/22 for more details.
- 5) Serviced all three struts with fluid and nitrogen per maintenance manual instructions.
- 6) Rotated the LH main tire, R+R both brake discs with new RA164-07800 units and R+R the LH brake pads with new 066-06200 wear pads. Installed 2 new 452-857 bushings and a new 691-315 bolt at the RH upper torque link connection. Adjusted the nose gear squat switch per maintenance manual.
- 7) Drained the LH fuel tank and removed the fuel quantity sensor probes. Cleaned each terminal and reconnected the wires. Reinstalled all 5 fuel quantity probes. Function check the LH fuel quantity OK.
- 8) Reinstalled the LH rear facing seat parts. Weight and balance updated for this and the battery installation in item #4 above.
- 9) R+R LH lightning diverter strip in the vertical fin fairing per Kit # 88559-003 instructions.
- 10) R+R MD302 standby gyro unit with an O/H unit (part # 6420302-1, serial # A21-11097). See 8130-3 form for details. Leak checked #1 pitot and static air systems per FAR91.411 and found no leakage.
- 11) Adjusted the rudder cable tensions and resaftied the turnbuckles.
- 12) Filled the O2 bottle to 1800 psi.
- 13) Installed new A/C & alternator drive belts (part #'s 73965-024 & -023). Resaftied the hardware.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed &

John E. Sheehan A+P 3439269 IA

Αl	RCI	RAF	T L	\mathbf{O}
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	Aircraf	t Time	Recorder	Maintenanc
Date	This Dee	Total	Reading	Mamonane
	COM A	wa Camila	- I ODO#	LIV4700016
			es, Inc. CRS#	
	19 Wright V	Way, Suite #3,	Fairfield, NJ 07004	(973) 227-5750
An WO#	19 Wright V Authorized Service	Way, Suite #3,	Fairfield, NJ 07004	

Manuf.: Piper

Model: PA46-500TP

1. CAS Message for Prop Deice Fail. Check on ground and it worked fine. Remove and replace (4) Prop
Deice Harnesses on propeller. Ops Checks OK, No Fail Message

Ser #: 4697573

Reg. #: N929DA

Total To

Carry Forward

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to pervice. Permanent letails are on file at this Repair Station.

-	Authorized Signature: _	Sean Nederfield &P274	9790	Date: 7/19/2022

Registration No._____



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

2/17/2023

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 1455.2 :: Aircraft TT: 1455.2 :: #1 Engine TT: 1455.2 :: Prop. TT 1455.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects next due 02/24. ELT batt is due 05/28.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), SB 1369 (elevator spar insp), 1280 (rudder bar check), 1285B (tire pressures), 1286D (NLG Steering adjustments), 1297 (rudder bar check) & 1314 (O2 gens check).
- 4) C/W Piper 400 hr/2 yr fuel purge system checks and filter cleaning.
- 5) C/W Piper 300 hr starter/generator brush wear check and O2 systems checks.
- 6) C/W Piper Service Bulletin 1385 by adding 4 additional rudder skin straps per Bulletin instructions.
- 7) R+R O2 mask (part # MC10-16-105, serial # B000211) with an O/H unit as shown on the attached 8130-3 form. Function check OK. Filled O2 bottle to 1800 psi.
- 8) Resealed both main struts using new 485-082 seals and MS28775-227 o-rings. Resealed the nose strut using new MS28775-229 and -327 o-rings. Serviced all 3 struts with dluid and nitrogen.
- 9) Replaced all 3 tires and tubes with new units. Installed all new 066-06200 brake pads and bled air from both brake systems.
- 10) Added a 472-060 light socket and GE1864 light bulb behind the hydraulic reservoir. Light is wired to the baggage compartment electrical system.
- 11) R+R flap handle knob with a new unit (part # 571-231).

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Edward J. Novak Jr. A+P 2832024 IA

Engine Logbook

N929DA PT6A-42A PCE-RM0651 Engine Logbook

Canadä



Volume #:		1		
Opened on:	_1	5	SEP	2014

ENGINE DETAILS

1. Manufacturer	Pratt & Whitney Canada Corp.
2. Type/Model/Series	E.T.C. E- 12 PT6A- 42A B/S: 1192
3. Serial Number	PCERM0651
	THIS ENGINE SERVICED WITH bp TURBO 2380 OIL AT THE PIPER FACTORY CYCLE COUNT AS OF

Section 1: Record of engine maintenance and elementary work

//	Time since new	Time since overhaul	Total cycles	Details of task	+ 1
1 5 SEP 2014	00	00	Ò	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.	
14 oct 2019	0.0	00	0	"Applied Procyon corrosion inhibitor to compressor inlet case per Pratt & Whitney Maintenance Manual P/N 3021442 Chapter 72-00-00."	la distribution of the state of
Aircraft Engine Mode TTE: 2.1 Performed Engine W Manual Part Number 3 Cleaning, Engine Wash Signature: Name: Tony Sch	Cycles: ater Wash per Pratt 021442, Chapter/ Secting Instructions	& Whitney Maintenai ion 71-00-00, Power Pl	ant		
Date: 11-7-20 Aircraft S/N: 4697.5	•	umber: N 92 9	- DA		
Aircraft Engine Mod TTE: 3.6 Performed Engine W Manual Part Number 3 Cleaning, Engine Was Signature:	Cycles:	& Whitney Maintenation 71-00-00, Power P	ince		

NG/√O <u>35300</u> RPM, at <u>850</u> SHP/δ√O ITT Trim: <u>28.2</u> C° T5 Trim Resistance: <u>40.8</u> Ohms	E. WEISTRA	
ITT Trim: 28.2 C°	E.WEISTRA	
T5 Twim Desistance: 40 S Ohms	E.WEISTRA	
	9	(E) N
	AP 332680 1 19/4/	
	Ar	
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 11/19/14 ENGINE LOG N929DA Hobbs: 8.7 Model: PT6A-42A S/N:4697573 ACTT: 8.7		
Performed a compressor, inlet and desalination wash per P&W PT6A-42A I	MM 71-00-00.	
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or a above was repaired and inspected in accordance with current regulations of the Administration and is approved for return to service. All work was performed in a applicable aircraft, engine and or appliance maintenance manuals and instruction details are on file at the repair station office, WO # S001866	Federal Aviation	
Signature CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257		
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 11/28/14 ENGINE LOG N929DA Hobbs: 13.4 Model: PT6A-42A S/N:4697573 ACTT: 13.4 Performed a compressor, inlet and desalination wash per P&W PT6A-42A M		
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or a above was repaired and inspected in accordance with current regulations of the Administration and is approved for return to service. All work was performed in a applicable aircraft, engine and or appliance maintenance manuals and instruction details are on file at the repair station office, WO # S001867	appliance identified Federal Aviation	
Signature CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257		
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 01/08/15 ENGINE LOG N929DA Hobbs: 24.3 Model: PT6A-42A S/N:4697573 ACTT: 24.3		
Date: 01/08/15 ENGINE LOG N929DA Hobbs: 24.3 Model: PT6A-42A S/N:4697573 ACTT: 24.3 Performed a compressor, inlet and desalination wash per P&W PT6A-42 MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller above was repaired and inspected in accordance with current regulations of	2A MM 71-00-00. or appliance identified the Federal Aviation	
Date: 01/08/15 ENGINE LOG N929DA Hobbs: 24.3 Model: PT6A-42A S/N:4697573 ACTT: 24.3 Performed a compressor, inlet and desalination wash per P&W PT6A-42	2A MM 71-00-00. or appliance identified the Federal Aviation I in accordance with	

Section 1: Record of engine maintenance and elementary work

Date //	Time since new	Time since overhaul	Total cycles	Details of task
M A A A A A A A A A A A A B B B B B B B	IAINTENANCE RE bove was repaired dministration and pplicable aircraft, e etails are on file at ignature	essor, inlet and de ELEASE: This airc and inspected in a approved for refergine and or app the repair station	cog r6A-42A esalination wash p craft, airframe, airc accordance with c turn to service. All liance maintenanc office, WO # S00	N929DA S/N:4697573 er P&W PT6A-42A MM 71-00-00. traft engine, propeller or appliance identified current regulations of the Federal Aviation work was performed in accordance with the manuals and instructions. Pertinent 1976 CRS # ECWR470D 32961 (772) 562-9257
SL Da Ho AC Pe abi 309 MA abo Adi app det	IN AVIATION, INC. te: 02/05/15 bbs: 33.7 Formed all diagnormalities. Took of the second secon	e., Vero Beach, FI ENGINE LO Model: PTO stic trouble shooting oil sample and ser EASE: This aircra and inspected in an approved for return gine and or appliance repair station of	L (VRB) DG 6A-42A ng steps per P&W at oil filter for analy aft, airframe, aircra ccordance with cur rn to service. All wance maintenance ffice, WO # S0019	N929DA S/N:4697573 MM 3021442 72-00-00 figure 104 with no rsis. Installed new oil filter PN aft engine, propeller or appliance identified remaining the regulations of the Federal Aviation work was performed in accordance with manuals and instructions. Participated
S D H A A A A A A A A A A A A A A A A A A	UN AVIATION, IN late: 04/07/15 lobbs: 55.8 locTT: 55.8 erformed a compliaintenance Resolve was repaired dministration and ipplicable aircraft, etails are on file at lignature	C., Vero Beach, I ENGINE L Model: P' ressor, inlet and ELEASE: This airc and inspected in a approved for ref engine and or app the repair station	FL (VRB) OG F6A-42A desalination was eraft, airframe, airc accordance with of turn to service. All liance maintenanc office, WO # S000	N929DA S/N:4697573 Sh per P&W PT6A-42A MM 71-00-00. Fraft engine, propeller or appliance identified current regulations of the Federal Aviation I work was performed in accordance with the manuals and instructions. Perfinent

AME Signature ACA/AMO SCA/AMO SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 05/18/15 **ENGINE LOG** N929DA Hobbs: 60.9 Model: PT6A-42A S/N:4697573 ACTT: 60.9 Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S002138 Signature / CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257 SUN AVIATION, INC, Vero Beach, FL (VRB) **N929DA** Date: 06/10/15 **Engine Log** Model: PT6A-42A **Aircraft SN: 4697573** Hobbs: 62.2 Engine TT: 62.2 SN: PCE-RM0651 **ACTT: 62.2** Accomplished warrantable first 50 hour engine inspection using the Piper PA46-500TP warrantable first 50 hour as a guide. Accomplished a compressor, inlet and CT water wash per P&W 71-00-00. Applied 2 coats of Procyon to the engine inlet per :PS Procyon instructions. Adjusted EDP outlet hose per PA46-500TP MM 28-20-00. Adjusted engine idle per Piper SL1155. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation

> CRS # ECWR470D Signature / Sun Aviation, Inc., Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Administration and is approved for 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, WO # S002161 & WO S002163. A.D.'s researched



through Rev. 2015.11

3482 Airfield Drive West, Lakeland, FL 33811

863.940.3450 www.doublemaviation.com

Date: 7/15/2015

Hobbs 73.2

ETT: 73.2

Work Order: 118

N-Number: N929DA

Make: Pratt & Whitney Model: PT6A-42A

Serial Number: PCE-RM0651

Engine Logbook Entry

- Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00
- Test run up found all normal

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworth condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

Time since Time since Date Details of task Total cycles overhaul --/--/-new N-Number: N929DA Date: 8/26/2015 Make: Pratt & Whitney **Hobbs 85.2** Model: PT6A-42A ETT: 85.2 3482 Airfield Drive West, Lakeland, FL 33811 Serial Number: PCE-RM0651 Work Order: 152 863.940.3450 www.doublemaviation.com **Engine Logbook Entry** Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 Test run up found all normal end I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed. IA 3675928 A&P Michael M Naab N-Number: N929DA Date: 10/21/2015 DOUBL Make: Pratt & Whitney Hobbs 96.7 Model: PT6A-42A ETT: 96.7 3482 Airfield Drive West, Lakeland, FL 33811 Serial Number: PCE-RM0651 Work Order: 201 863.940.3450 www.doublemaviation.com **Engine Logbook Entry** Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 Test run up found all normal I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in air yorthy condition in regard to the work performed. IA 3675928 A&P Michael M Naab SUN AVIATION, INC., Vero Beach, FL (VRB) **N929DA** Date: 11/13/15 **ENGINE LOG** S/N: 4697573 Model: PT6A-42A Hobbs: 109.2 SN: PCE-RM0651 Ena TT: 109.2 Accomplished an Event I & II Annual Engine Inspection IAW FAR 43, Appendix "D", per Piper PA46-500TP Event I & II Maintenance Manual as a guide. Accomplished a compressor inlet and CT desalination wash per P&W 71-00-00. Accomplish Piper SL1155 ground idle adjustment. Accomplished 600 hour HP fuel pump outlet filter replacement per P&W PT6A-42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-42A MM 73-10-02. Repositioned and safetied bleed air clamps per PA46-500TP G1000 MM 21-30-00. Applied Procyon to inlet area per P&W PT6A-42A EMM 72-00-00. Tensioned AC compressor and alternator drive belts per PA46-500TP G1000 MM 21-50-00 and 24-30-00. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S002325 AD's Researched THRU REV. 2015.22

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Signature

CRS # ECWR470D

Signature

AME ACA/AMO SCA/AMO



3482 Airfield Drive West, Lakeland, FL 33811

863.940.3450 www.doublemaviation.com

Date: 1/11/2016

Hobbs 122.4

ETT: 122.4

Work Order: 280

N-Number: N929DA

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

Engine Logbook Entry

Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00

Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with our fent Federal Aviation Agency Regulations and has been determined to be in airworthy condition regard to the work performed.

Michael M Naab

IA 3675928 A&P



3482 Airfield Drive West, Lakeland, FL 33811

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Date: 1/22/2016

Hobbs 126.4

ETT: 126.4

Work Order: 293

N-Number: N929DA

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

Engine Logbook Entry

Completed engine compressor, inlet, and turbine wheel rinse as per P&W Maintenance Manual Chapter 71-00-00

Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in ainworthy condition in regard to the work performed.

Michael M Naab



3482 Airfield Drive West, Lakeland, FL 33811

863,940,3450 www.doublemaviation.com

Date: 4/19/2016

Hobbs 132.0

ETT: 132.0

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

N-Number: N929DA

Engine Logbook Entry

Work Order: 387

Completed engine compressor, inlet, and turbine wheel wash as per P&W Maintenance Manual Chapter 71-00-00

Test run up found all normal

I certify that this aircraft has been repaired in accordance with current ederal Aviation Agency Regulations and has been determined to be in airworth, condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

-	Date - / /	Time since new	Time since overhaul	Total cycles	Details of task	
		LE Diele Die	aviation.com	Hobbs 1 ETT: 1 Work Order: 3	Model: PT6A-42A Serial Number: PCE-RM068	В
	2 Test ru	in up found all norm at this aircraft has b detern	essor, inlet, and turb nal een repaired in acco	end ordance with cyrrent	ntry sh as per P&W Maintenance Manual Chapter 71-00 t Federal Aviation Agency Regulations and has beer gard to the work performed IA 3675928 A&P	
				I		
	Date Hob Eng Chip Perf supe MAI abov Adm appl deta	e: 06/23/16 bs: 146.2 TT: 146.2 detector came of ormed step 8B(6) erficial sliver of me NTENANCE REL ve was repaired a ninistration and is icable aircraft, enits are on file at the	-8B(8) DF 79-20-0 etal on the RGB cheated on the RGB cheated in accordance of the return the repair station of	GA-42A M0651 Int out several minus Of P&W PT6A-4 Inip detector and no Ift, airframe, aircraft Cordance with current to service. All we Ince maintenance in Iffice, WO # S00266	2A EMM. Found a cother abnormalities. ft engine, propeller or appliance identified rent regulations of the Federal Aviation fork was performed in accordance with manuals and instructions. Pertinent	
		E A A A A A A A A A A A A A A A A A A A	7	Date: 7/29 Hobbs 158 ETT: 158 Work Order: 486	Make: Pratt & Whitne Model: PT6A-42A	y .
			Eng	gine Logbook Ent	try	
	1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 2 Test run up found all normal end					
	ertity that this air			with current Federal dition in regard to th	Aviation Agency Regulations and has been determ ne work performed.	inea to
		Michael	M Naab	14/11	IA 3675928 A&P	

Signature

AME ACA/AMO SCA/AMO



3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com Hobbs 170.2 ETT: 170.2

Date: 8/16/2016

Work Order: 523

N-Number: N929DA

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naah

IA 3675928 A&P

I

DOUBLE



3482 Airfield Drive West, Lakeland, FL 33811

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Date: 9/9/2016

Hobbs 177.6

Work Order: 541

N-Number: N929DA

Make: Piper

Model: PA46-500TP

Serial Number: 4697573

Engine Logbook Entry

1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition regard to the work performed.

Michael M Naab

IA 3675928 A&I

DOUBLE M AVIATION

3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com Date: 11/4/2016 Hobbs 191.2

Work Order: 541

N-Number: N929DA

Make: Piper

Model: PA46-500TP

Serial Number: 4697573

Engine Logbook Entry

Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in aircraft by condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

ı	ate -/	Time since new	Time since overhaul	Total cycles		Details of task
	Da Hdo En Ado Pi ini add P1 ins Co P8 Ap	per PA46-500TP I let and CT desalid ljustment. Accord 16A-42A MM 73-10 spection/cleaning ontrol unit manual RW PT6A-42A EM installed with new oplied Procyon to to N CH34055 per Pond flow test and be chaust stack, installation.	ENGINE LO Model: PTG SN: PCE-R Event I & II Annua Event I & II Mainte nation wash per I nplished 600 hou 0-02. Accomplish g per P&W PT6A-I override inspec M 72-00-00. Rem gasket, installed F he inlet area per F &W PT6A-42A MN oroscope per P8 lled P/N's 565-905 ELEASE: This airci and inspected in a s approved for reti engine and or appl the repair station	MO651 al Engine Inspected and Inspect	s a guide. Accomplish Pipoutlet filter repfuel pump inle. Accomplished. A3487. Applie apter and reword PA46-500TP (M 72-00-00. Remplished first Replaced hose raft engine, prourrent regulation work was perfue manuals and 2770. AD's Research Pipoutle Pipout	43, Appendix "D", per complished a compressor er SL1155 ground idle lacement per P&W et screen ed Piper SB1296 fuel ed Corrosion X to RGB per rked flange adapter and G1000 AMM 71-60-00. eplaced left igniter, installed 200 hour fuel nozzle clean e from breather adapter to epeller or appliance identified ens of the Federal Aviation formed in accordance with instructions. Pertinent searched THRU REV.
		Airfield Drive West, Lake	emaviation.com	Hobbs Work Order:		N-Number: N929DA Make: Piper Model: PA46-500TP Serial Number: 4697573
		that this aircraft has dete	oressor wash and t-w	end	& Whitney main ent Federal Aviat regard to the wo	ntenance manual, Chapter 71-00-00 tion Agency Regulations and has been rk performed.
				-		

AME ACA/AMO Signature SCA/AMO SUN AVIATION, INC., Vero Beach, FL (VRB) **N929DA ENGINE LOG** Date: 04/12/17 S/N: 4697573 Model: PT6A-42A Hobbs: 220.9 SN: PCE-RM0651 Ena TT: 220.9 Accomplished a compressor inlet and CT desalination wash per P&W 71-00-00. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S003043 CRS # ECWR470D Signature Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257 SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 05/23/17 **ENGINE LOG N929DA** Hobbs: 237.3 Model: PT6A-42A S/N: 4697573 SN: PCE-RM0651 Eng TT: 237.3 Accomplished a compressor inlet and CT desalination wash per P&W PT6A-42A MM 71-00-00. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S003061 CRS # ECWR470D Signature Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257 Date: 5/15/2017 N-Number: N929DA DOUBLE Hobbs 232.9 Make: Piper Work Order: 541 3482 Airfield Drive West, Lakeland, FL 33811 Model: PA46-500TP 863.940.3450 www.doublemaviation.com Serial Number: 4697573 **Engine Logbook Entry** Completed engine compressor, inlet, and turbine wheel water rinse as per P&W Maintenance Manual Chapter 71-00-00 end I certify that this aircraft and/or component has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be party condition in regard to the work performed.

Michael M Naab

Page 5

Section 1: Record of engine maintenance and elementary work

Date / /	Time since new	Time since overhaul	Total cycles		Details of task	•
1	that this aircraft and/o	blemaviation.com mpressor, inlet, and	Hoble ET Work Order Engine Logboo turbine wheel water end the repaired in 1000.	k Entry r rinse as per P&W	N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651 Maintenance Manual Chapter 71-00-00 t Federal Aviation Agency Regulations and a work performed.	
		ichael M Naab	11 105 1 11 11 11 11 11 11 11		. 3675928 A&P	
		I The state of the				-
D	OUBLE 3482 Airfield Drive Wes 863.940.3450 www.de		ON Ho	ate: 7/10/2017 bbs 263.2 ETT: 263.2 der: 541	N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651	
I certi	y that this aircraft and has t	/or component has	end been repaired in ac be in all worths con	ter rinse as per P&\ ordence with curre	W Maintenance Manual Chapter 71-00-00 ent Federal Aviation Agency Regulations and the work performed. IA 3675928 A&P	
		1				_
1	that this aircraft has b	oublemaviation.com ompressor, inlet, an	Hol E Work Ord Engine Logbo d turbine wheel wat end	ok Entry er rinse as per P&V Federal Aviation A gard to the work pe	N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651 V Maintenance Manual Chapter 71-00-00 Agency Regulations and has been determine erformed. IA 3645928 A&P	ed
						0

AME ACA/AMO Signature SCA/AMO ENGINE MODEL (#1): Flightline Group, Inc. DATE: 12/1/2017 PT6A-42A Airframe TT: ENG TT (#1): 304.4 ENGINE S/N (#1): 3256 Capital Circle SW PCE-RM0651 Tallahassee, Florida 32310 ENG TC (#1): HOBBS: 304.4 REG. NO: 929DA Phone: 850-576-3515 WORK ORDER: 9686-11-2017 **Engine #1 Entries** C/W Engine Annual Inspection...Replaced both igniters PN CH34055...Replaced beta block assembly PN CA3026....C/W P & W S.B. 3471 Honeywell-Turboprop Engine Fuel Control Unit by performing deceleration check IAW P&W MM 71-00-00. Time to reach idle is 5 seconds. OK to continue....C/W P&WC SB 3490 Installed PY Air Pressure Tube Assembly Support Bracket....C/W Piper SL 1110A Pratt & Whitney Canada SIL NO. PT6A-28A, Compressor & Turbine Washes As An Effective Means of Preventative Maintenance...Inspected & cleaned engine oil scavenge screen in RGB....Cleaned & inspected engine fuel pump inlet screen....Replaced engine fuel pump outlet filter PN AN6235-3A....Cleaned and treated engine compressor inlet case with Procyon....Inspected AGB internal scavenge oil pump pick-up screen. No defects found....Cleaned engine. Operational and leak checks satisfactory. The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness. DATE: 12/1/2017 SIGNED: Work Order: 9686-11-2017 Scott Koenig, IA: 2839208 Printed by EBis 3 (datcomedia.com) SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 01/19/18 **ENGINE LOG N929DA** Hobbs: 364.2 Model: PT6A-42A S/N: 4697573 Eng TT: 364.2 SN: PCE-RM0651 Accomplished a compressor inlet and CT desalination wash per P&W PT6A-42A MM 71-00-00. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. 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, WO # S003391 Signature CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257 C&W Aero Services, Inc. CRS# HX1R208K Piper 19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750 Aircraft TT: Cycles: Hobbs: 437.4 WO # 32185 Model: PA46-500TP Manuf.: Piper Ser #: 4697573 Reg. #: N929DA 1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Manual.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the

Date: 5/21/2018

FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Neil Nederfield 3442296 IA

Authorized Signature:

D



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

7/13/2018

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

task

Hobbs Hours: 468.4 :: Aircraft TT: 468.4 :: #1 Engine TT: 468.4 :: Prop. TT: 468.4

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a guide.

1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.

2) Ground runup and functional checks completed with satisfactory results and no fuel or oil leaks noted. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed Educard & Moul

Edward J. Novak Jr. A+P 2832024 IA

Shoreline WIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

2/6/2019

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 598.7 :: Aircraft TT: 598.7 :: #1 Engine TT: 598.7 :: Prop. TT: 598.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

1) Completed perfromance recovery wash and compressor turbine water wash per engine maintenance manual instructions.

2) Completed 400 hr. Fuel flow nozzles flow checks (see attached 8130-3 form for more details). Completed borescope check of hot section per engine maintenance manual and noted no abnormal conditions.

3) Installed two new CH34055 ignitors.

4) Ground runup and systems functional checks completed with no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed Celwand & Mon

Edward J. Novak Jr. A+P 2832024 IA



C&W Aero Services, Inc. CRS# HX1R208K

Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

19 W	right way, Suite #5, 1 a	il Hold, 143 07007 (575)=	Cualon:
WO # 32530	Hobbs: 518.9	Aircraft TT: 518.9	Cycles:
	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP
Dog # NOODA	Ser #: 469/5/3	Manu. I ipo	

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

2. Tension standby alternator belt.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Sean Nederfield 2749790 IA

Date: 9/28/2018



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750 Hobbs: 650.0 Aircraft TT: Cycles:

WO # 32960 Reg. #: N929DA Ser #: 4697573 Manuf.: Piper Model: PA46-500TP

ACA/AMO SCA/AMO

AME

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

San Nederfield 2749790 IA

Date: 5/28/2019



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

10/2/2019

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 757.9 :: Aircraft TT: 757.9 :: #1 Engine TT: 757.9 :: Prop. TT: 757.9

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a guide.

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- Installed a new CA3026 beta block assembly.
- 3) Adjusted alternator drive belt tension and resaftied the hardware.
- 4) Completed ground runup and functional checks and noted no fuel or oil leaks.

I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

ohn E. Sheehan A+P 3439269 IA



C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 33615 Hobbs: 796.7 Aircraft TT: 796.7 Cycles: Reg. #: N929DA Ser #: 4697573 Manuf.: Piper Model: PA46-500TP

- 1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.
- 2. Service all 3 struts with nitrogen to proper height.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

CRS#HX1R208K

Date: 1/3/2020



Shoreline Aviation, Inc.

Marshfield Municipal Airport

_			Company of the Compan	George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050		1.
Dat		N929DA	PA46-500TP, se		Engine Logbook	task
-/	5/1/2020	A	TT. 044 7 #1 Engine	TT: 841.7 :: Prop. TT: 841.7		
	Hobbs Hours:	841.7 :: Alliciali	accordance with FAR 4	3, app. D using Piper forms fo	r Events #1 & #2 from	
	1) Complete	l compressor des	alinization wash and con	npressor turbine water wash po	er engine maintenance	
	manual instru	ctions.		Will be at evaluancer part # 1/	ngg4A serial # 61415.	
		A LANGUE COOK	01A by installing a new for	uel/oil heat exchanger part # 10	300 II I I	
	3) R+R starte	er/generator after new CA3026 bet	overhual - see airframe l	og 10.1	s I I lanks	
				satisfactory results and noted	no tuel of oil leaks.	
	I certify that t	his Engine has be	en inspected in accorda	nce with an annual inspection	and was determined to	
	be in an airw	orthy condition.				
	Ol colling Au	istion Inc				
	Shoreline Av 93 Old Color	v Lane		~ ~		
	Marshfield, N	1A 02050	_	$O_{\sim}()$		
	781-837-852			XR		
			Signed	John E. Sheehan A+P	3439269 IA	
			>	Julii L. Silectian 701		
				1.	•	
			Shoreline	Shoreline Aviation, Inc.		
			AVIATION			-
				Marshfield Municipal Airport		
				George Harlow Field (GHG) 93 Old Colony Lane		
				Marshfield. MA 02050	Eng	ine Logbook
E/1 Q	/2021	N929DA	PA46-500T	P, serial # 4697573	21.9	
•	202.	0.77.	1007.1 :: #1 Engine TT	: 1007.1 :: Prop. TT: 1007.1	des	
Com	noleted annual	insp. Per FAR pa	rt 43, app. D using Piper	Event #1 & #2 inspection form	is as guides.	nanual
4) 0	completed com	nressor desaliniz	ation water wash and col	inplessor talbillo mater	•	landa
					on a form Ninzzies (eilis)	alled with
2) F	R+R fuel nozzle	s after recertifica	tion at Heritage Turbines	as shown on the attached by seck of the hot section per engi fer to the shroud segments an	ine maintenance manual	instructions
	had accurad	Shirt endine at C	native alla formation		from the chroun seniment	Saluco
the	inner ring at th	e 4 0 clock position	ising a new CT bolt lock	ck is well within allowable ilmit washer. Reinstalled power sec	ction using a new C hang	e searing
and	all new o-ring	seals.	1 1 1 1 1 1 1 1	a new oil filter element and P3	air filter element.	
- 3)	Completed 100	00 hr spscial inspe	ection items by installing	a new oil filter element and P3		
4)	Installed a new	CA3026 beta bit	o helt tensions and resaf	tied the hardware.		
= 5) . 6)	Adjusted allen Adjusted Na id	le speed to 64.5	% with generator and A/C	both on.	o fuel or oil leaks noted.	
- 7)	Ground runup	and systems fund	tional checks completed	both on. with satisfactory results and n with an annual inspection and	was determined to be in	an airworthy
1)	or of the Admir A	· H han boon i	nspected in accordance v	with an annual modection and		
l ce	ertify that this P	Ircram has been i		AAMI CAN		
l ce	ertify that this Andition.	Arcrait has been i		With all all all all all all all all all al		
- I ce	ndition.			William distribution		
- I ce cor - Sh	ndition. oreline Aviation Old Colony La	n, Inc. ne				
- I ce cor - Sh - 93 Ma	ndition. oreline Aviation Old Colony La urshfield, MA	n, Inc. ne				
- I ce cor - Sh - 93 Ma	ndition. oreline Aviation Old Colony La	n, Inc. ne	*	signed Edward A	Moch of	
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Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

11/12/2021

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 1143.2 :: Aircraft TT: 1143.2 :: #1 Engine TT: 1143.2 :: Prop. TT: 1143.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed compressor desalinization water wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Completed 300 hr. Str/gen brush wear check and found OK.
- 3) Retensioned the alternator and air conditioniong drive belts and resafties the hardware.
- Adjusted idle speed tw flats CCW to lower the idle slightly.
- Ground runup and systems functional checks completed with satisfactory results and rotal for oil leaks noted.

I certify that this Engine has been inspected in accordance with an annuar inspection and was determined to be in an airworthy condition

Signed

John E. Sheehan A+P 3439269 IA



C&W Aero Services, Inc. CRS# HX1R208K

Piper

19 Wright Way, Suite #3. Fairfield, NJ 07004 (973) 227-5750

 WO # 34315
 Hobbs: 917.7
 Aircraft TT:
 Cycles:

 Reg. #: N929DA
 Ser #: 4697573
 Manuf.: Piper
 Model: PA46-500P

 Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

CRS + HX1R208k

Date: 11/10/2020



C&W Aero Services, Inc. CRS# HX1R208K

Piper

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 34477 Hobbs: 956.7 Aircraft TT: 956.7

Reg. #: N929DA Ser #: 4697573 Manuf.: Piper Model: PA46-500TP

Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

GRS # HX1R208K/

Date: 2/10/2021

			Shoreline AVIATION	Shoreline Aviation, Inc.	_	
			ZAVIIIIIOI	Samuel State		
				Marshfield Municipal Airport George Harlow Field (GHG)		
				93 Old Colony Lane		7
				Marshfield, MA 02050	Famina Lambank	
_	6/21/2022	N929DA		, serial # 4697573	Engine Logbook	
			TT: 1278.9 :: #1 Engine TT:			
_				vent #1 & #2 inspection forms as guide		
				bine water wash per engine maintenar	nce manual instructions.	
	2) R+R beta b	lock with a new uni	t (part # CA3026).	657		
-	Adjusted No. Cround run	g iale speed to 65%	6 (64.7% with A/C & generator	r on). h satisfactory results and no fuel or oil	Lleaks noted	
				an annual inspection and was determ		
	condition.	is Lingine has been	mapecied in accordance with	CO 1 4211	1. 4	
_			Si	gned Edward of Vion	\(\begin{align*}	
			0.	Edward J. Novak Jr.	A P 2832024 IA	
_				Edward 5. Novak 51.		
			CI			
_			Shoreline	Shoreline Aviation, Inc.		
			AVIATION		<u></u>	
				Marshfield Municipal Airport George Harlow Field (GHG)		
_				93 Old Colony Lane		
				Marshfield. MA 02050	Engine Logbook	
_	2/17/2023	N929DA		serial # 4697573	Engine Logbook	
	Liebbe Houre: 1	MSS 2 ·· Aircraft T	T: 1455.2 :: #1 Engine TT: 1	455.2 :: Prop. TT 1455.2	·	
_		undinam Des EAD :	and 43 and Dusing Piper Ev	ent #1 & #2 inspection forms as guide	es.	
_						
	1) Completed	penomiance receitifi	cation at Heritage Turbines as	s shown on the attached 8130-3 form. It of the hot section per engine mainter	Nozzles reinstalled with	
_	new daskets at	nd fuel tube o-rings	Completed borescope chec	k of the hot section per engine mainter	nance manual instructions	
	and found no a	bnormal conditions		n W. Oi Dullotin 2592Df	and O/H Reinstalled unit	
_	3) Removed fu	uel control unit and	sent to Pratt & Whitney for co	mpliance with Service Bulletin 3582R5	reverse and the manual	
				ompliance with Service Bulletin 3552.14 gs. Adjusted Ng idle speed, maximum d 8130-3 form for more details.	-	
	override contro	of per airplane mant	ngine chip detectors and found	d no contaminants.		
_						
		A accordance from	sational enders completed wil	II Salisiacioly leading the recition	leaks noted.	
	Legify that thi	is Aircraft has been	inspected in accordance with	an annual inspection and was determ	nined to be in an airworthy	
_	condition.	Engine				_
_	Shoreline Avia				-	
	93 Old Colony					
_	Marshfield, MA 781-837-8521	A U2050		gned Calvary of Mrs		
_	101-031-0341		Si	aned Laway 7 Vir	h /	
_				Edward J. Novak Jr.	A+P 2832024 IA	
_				1		
_			1			
_						
_ _ _						
_ _ _						

Section 1. Baranda

Service des accessoires - Accessories Services



Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cic Pratt & Whitney Canada Co., 1000, Marie-Victorin

Longueuil, Quebec, Canada J4G 1A1

Page De/Of 3

2023/02/14

450-677-9411 <u>N</u> 6419901 -0020

Relevé d'état de composants - Component Summary Condition Report

En état de livraison - As Received Condition

8000348020/42543579 N° de bon de commande: P&WC Sales Order No.: 6419901 -0020

Employé des ventes: Sales Employee:

Client: Customer:

Shoreline Aviation Inc.

Numéro de certification pour suivi d'imprimé: Form Tracking Number of Certification:

P&WC JR3_0044_E (2012-10)

2023/01/18

Date de creation du bon de commande client: Customer PO Creation Date:

Description de la pièce: Part Description: FUEL CONTROL UNIT

Modèle de moteur: Engine Model:

A.T.A: HWL73-20-35

Raison de démontage du Client: Customer Stated Reason for Removal Texte détaillé - Long Text: Overhaul

TSN:

1455.2

TSO:

N° de série: Serial Number:

C82415

N° de la pièce: Part Number:

4138014-1

N° de bon de commande du Client: Customer PO Number:

11569

R.F.R.: 6 YEAR FCU SERVICE/OVERHAUL AND COMPLETE SB 3482

Essayé en état de réception - Tested as Received: None

	Liste des pièces remplacées - List of Parts Replaced	
	Nouvelles pièces - New Parts	
N° de la pièce - Part Number	Description de la pièce - Part Description Qté Qty	é y Raison du remplacement - Reason for Replacement
2520503	BEARING BALL 2	Standard Replacement
2521724-1	SPRING SPIRAL TORSION 1	Required for Test
2522135	SPRING SPEED BIAS	Service Bulletin Incorporation
2523185	WASHER 1	Worn at Contact Face
2523188	GASKET 1	Standard Replacement

2523240

BEARING BALL

N

Standard Replacement

Dimension Under Minimum

LEVER ASSEMBLY GOVERNOR

2523613

Telephone: 937.778.4200 Telex: 4332032 Fax: 937.778.4391

A.S.U 45356-2634 U.S.A.

One Propeller Place

HARTZELL PROPELLER INC.



PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-30

PROPELLER S/N HH4976

N929DA HC-E4N-3Q HH4976 Propeller Logbook

LOGBOOK #

Propeller A/C Description of all operations pertaining	to Airworthiness Directives,
Date TSN TSO Hrs Service Documents, Overhaul, Major or	Minor Repair, and Inspections.
Propeller Log	
Date: 10-27-2014 Hobbs Time: 2, 1	
Aircraft S/N: 469 7573 Reg. Number: N929DA	
Prop Model: <u>HC-E4N-3Q</u> S/N: <u>HH4976</u>	
Complied with Hartzell Propeller Owner's Manual Performed Lubrication of Prop by Manufacturer during Flight	
Testing with Aeroshell #6 after 1 to 2 hours operation.	
Signature: Apage 4	
Name: Tony Schweitzer A&P Certificate Number: AP3328631	
Piper PIPER AIRCRAFT, INC.	
SUN AVIATION, INC., Vero Beach, FL (VRB)	
Date: 06/10/15 PROPELLER LOG N929DA Hobbs: 62.2 Model: HC-E4N-3Q Aircraft SN:4697573	
Prop TT: 62.2 Hub SN: HH4976 Prop TSO: 62.2	
Accomplished a warrantable first 50 hour propeller inspection per the warran hour PA46-500TP checklist. Removed propeller and sent to Air Prop Specialist for installed repaired P/N HC-E4N-3Q SN HH4976 per PA46-500TP G1000 MM 61-10	r repair,
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appraison was repaired and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and inspected in accordance with current regulations of the Followini traction and traction	ederal Aviation
Administration and is approved for return to service. All work was performed in accapplicable aircraft, engine and or appliance maintenance manuals and instructions	. Pertinent
details are on file at the repair station office, WO # S002161 A.D.'s researched thro	ough Rev.
2015.11	
SignatureCRS # ECWR470D	
SignatureCRS # ECWR470D	
SignatureCRS # ECWR470D	
SignatureCRS # ECWR470D	

Date	Propeller TSN TSO	A/C Hrs		s pertaining to Airworthiness Directives, ul, Major or Minor Repair, and Inspections	S.
ring Hart Airv Dire is red Airv Main The in ac appra	and replaced with new tzell Manual: 143A, 15 worthiness Directives of the sponsible for ensuring worthiness Directive. Intenance Release (Repaireraft propeller, or a coordance with current oved for return to servir station under Order and	v slip ring, cles 59 & 180. All complied with installation of complete com pair) pulliance ident Regulations of ice. Pertinent Number # 15-	and and inspected in accordance with other current service information and as of this date. NOTICE: An Airworthiness of the propeller described hereon. The installer appliance with any applicable installation iffed above was repaired and inspected of the Federal Aviation Agency and is details to the repair are on file at this edition. AIR PROP SPECIALISTS, 571 Industrial Park Drive,		
	0				
	Da Ho Pro AC Ac Pip	te: 11/13/1 bbs: 109.2 op TSN: 10 CTT: 109.2 complishe per. PA46-5	Model: HC-E4N-3Q 9.2 SN: HH4976	N929DA S/N: 4697573 AW FAR 43, Appendix "D", using the ofiled and painted propeller per Hartzell	1
	abo Ad app def 20°	nove was reprinted the ministration of the min	paired and inspected in accordance with o	02325 AD's Researched THRU REV.	

Date	P TSI	CHN AVIATION INC. Vove P	each EL (VDP)	
	131		OPELLER LOG N	929DA (N: 4697573
	_		: HH4976	
		Accomplished an Event I & I	I Propeller Inspection IAW FAR 4	3, Appendix "D", using the
		owners manual 149 chapter 6	n report as a guide. Profiled and 1-00-49.	painted propeller per Hartzell
		MAINTENANCE RELEASE: T	his aircraft, airframe, aircraft engin	e, propeller or appliance identified
		Administration and is approved	cted in accordance with current reg d for return to service. All work was	s performed in accordance with
		applicable aircraft, engine and details are on file at the repair	or appliance maintenance manual station office, WO # S002770 AD'	s and instructions. Pertinent s Researched THRU REV.
	_	2016.21		
		Signature /		CWR470D
	_	Sun Aviation, Inc. Municipal	Airport, Vero Beach, FL 32961 (7	72) 562-9257
	_	1 1 1		
			6.9	
		PROP MODEL (#1):	Flightline Group, Inc	DATE 40WD047
		HC-E4N-3Q PROP S/N (#1): HH4976 REG. NO: 929DA	3256 Capital Circle SW Tallahassee, Florida 32310	A/C TSN: 304.4 PROP TT (#1): 304.4
		WORK ORDER: 9686-11-2017	Phone: 850-576-3515	TSPOH (#1): HOBBS: 304.4
		Prop #1 Entries C/W Propeller Annual InspectionDressed	Propeller Blades - Lubricated propeller	
	_	The aircraft, engine, propeller, or appliance identif	ed above has been inspected not surrent EAA	
	_	referencing Event 1 and Event 2 Inspections as lis condition. This release in no way certifies future ai		ations in accordance with an Annual Inspection, tion Guide and was found to be in an airworthy
		DATE: 12/1/2017 SIGNED:	Scott Koerry	Work Order: 9686-11-2017
		Scott Roening	, IA. 2039206	Printed by EBis 3 (datcomedia.com)
		Shore	ine TON Shoreline Aviation, Inc.	-
		A DV ACA L	Marshfield Municipal Airport	-
		Andrewson and the second and the sec	George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050	-
	_		46-500TP, serial # 4697573	Propeller Logbook
		Hobbs Hours: 468.4 :: Aircraft TT: 468.4 Completed annual inspection in accordance the maint, manual as a guide.	#1 Engine IT: 468.4 :: Prop. TT: 4 be with FAR 43, app. D using Piper form	68.4 ns for Events #1 & #2 from
		I certify that this Propeller has been inspec		
		to be in an anworthy condition.	igned Edward Month	Λ
		0	giiou	

		Shoreline	4
Date	Pro	Marshfield Municipal Airport	es, ctions.
	TSN	George Harlow Field (GHG) 93 Old Colony Lane	
		Marshfield, MA 02050	shoot:
		2/6/2019 N929DA PA46-500TP, serial # 4697573 Propeller Log	JDOOK
		Hobbs Hours: 598.7 :: Aircraft TT: 598.7 :: #1 Engine TT: 598.7 :: Prop. TT: 598.7 Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2	from
		the maint, manual as a guide.	
		Installed 4 new prop deicer boot lead wires (part # 4E2369-6). Function check prop heat OK.	
		I certify that this Propeller has been inspected in accordance with an annual inspection and was determ to be in an airworthy condition.	ined
		Signed Cellulat Thomas	
		Edward J. Novak Jr. A+P 2832024 IA	
		1 1	
		Shoreline Aviation, Inc.	v
		TWIATION >>	-
		Marshfield Municipal Airport George Harlow Field (GHG)	
		93 Old Colony Lane Marshfield, MA 02050	
	1e	0/2/2019 N929DA PA46-500TP, serial # 4697573 Propeller Logbo	ok
	Н	Hobbs Hours: 757.9 :: Aircraft TT: 757.9 :: #1 Engine TT: 757.9 :: Prop. TT: 757.9	·
		Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 fron the maint. manual as a guide.	1
		certify that this Propeller has been inspected in accordance with an annual inspection and was determined	
		o be in an airworthy condition.	
		Signed	_
		John E. Sheehan A+P 3439269 IA	
			1.7
		Shoreline	
		AVIATION Shoreline Aviation, Inc.	
		Marshfield Municipal Airport George Harlow Field (GHG)	
		93 Old Colony Lane	
		Marshfield, MA 02050 5/1/2020 N929DA PA46-500TP, serial # 4697573 Propeller Logb	ook
		Hobbs Hours: 841.7 :: Aircraft TT: 841.7 :: #1 Engine TT: 841.7 :: Prop. TT: 841.7	
		Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 fro	m
		the maint. manual as a guide. I certify that this Propeller has been inspected in accordance with an annual inspection and was determine	
		to be in an airworthy condition.	
		Signed	_
		John E. Sheehan A+P 3439269 IA	
	-	Shoreline	
		AVIATION Shoreline Aviation, Inc.	
	_	Marshfield Municipal Airport George Harlow Field (GHG)	
	_	93 Old Colony Lane Marshfield, MA 02050	·
	5/18/2	****	ropeller Logbook
		s Hours: 1007.1 :: Aircraft TT: 1007.1 :: #1 Engine TT: 1007.1 :: Prop. TT: 1007.1	-
		pleted annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.	
	l certif	fy that this P has been inspected in accordance with an annual inspection and was determined to be in an	airworthy
	_	Signed Edward of Noull	
			Page 4

	1			Shoreline AVIATION	Shoreline Aviation, Inc.	
Date				TAVILLON.	Marshfield Municipal Airport	
	†				George Harlow Field (GHG) 93 Old Colony Lane	-
	1	0004	NO20DA	PA46-500TP, se	Marshfield. MA 02050	Propeller Logbook
	11/12/	2021 Hours: 11	N929DA	TT: 1143.2 :: #1 Engine TT: 114		
	Comp	leted annu	al insp. Per FAR	part 43, app. D using Piper Ever	nt #1 & #2 inspection forms 🔊 🖫	des.
	I certif	y that this	Propeller has be	en inspected in accordance with	an annual inspection and was det	ermined to be in an airworthy
	condit	ion.			C Ve A	
	1			Signe	John E. Sheehan	A+P 3439269 IA
		1	1 1			
	-	1	F F			
				Shoreline		
	-			AVIATION	Shoreline Aviation, Inc.	
	L				Marshfield Municipal Airport	
					George Harlow Field (GHG) 93 Old Colony Lane	
	6/21/2	2022	N929DA	DA46 FOOTD	Marshfield, MA 02050	
				TT: 1278.9 :: #1 Engine TT: 12	rerial # 4697573	Propeller Logbook
	Comp	oleted annu	ual insp. Per FAF	R part 43, app. D using Piper Eve	nt #1 & #2 inspection forms as gu	
	L I certi	fy that this	Propeller has be	een inspected in accordance with	an annual inspection and was de	termined to be in an airworthy
	condi	tion.			Column A M.	1
_	-			Sign		
					Edward J. Novak Jr	: A+P 2832024 IA
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