

#2

AIRCRAFT LOG

PIPER AIRCRAFT, INC.

General Offices at Vero Beach, Florida U.S.A.

N4839R

Aircraft Registration number

OWNER

NAME	ADDRESS	
CI		
1 _ 3KYW	AKE SERVICES, LLC NE 23 RO STREET, POMPANO BEACH, FL 3306	.2
	NE 23 KU 37 REEL, FAMILIANS DOMEST	
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If this book is found, please return it to the owner.

NOTICE

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

AIRCRAFT DESCRIPTION #2 OF 2 LOG

A / /-1	029 R
Registration No. No.	8.5.17
Model PA-46-COOTD	NERIDIAN
Serial No.: 4697293 Type C	ertificate No.: A 25 5 0
Serial No.: 4697293 Type C D2037HD / D4390 HD Colors: WHITE / CONCORDE BLUE MET. / LASVE Engine M. S. PORTE AND WHITNEY Serial N	CAS GOLD MET ANTIQUE SILVER MET.
Engine Manufacturer: PRATT AND WHITNEY Serial I	Numbers: Single PCE-RM0313
Original Engine Model: PTGA-42A	Left
	Right
Propeller Manufacturer: Hub or	Serial Number:Single HH 2751
Original Propeller Model: HC-E4N-3Q	Left
	Right
Blade Nur	nbers
Left	Right
k 48558	
K48556	2007 MODEL
K48559	
K48557	

	A	ircraft Time	Recorder	Maintenance
Dote	This Date	Total	Reading	
2/08/2014	Brought -	9341		AIRFRAME RECORD
Pip		Leading t	he Business of A	Aviation Hour Meter 934.1
Registration	N4839R	2/	ation San Antor 37 Sandau Rd.	Total Time
Model No.	PA46-500TP	San Ar	tonio, Texas 78	11.70
Serial No.	4697293	EAA Panaii	Station No. U7	TR491Y DAGE 1 UI
Phone (210) 384-3388 Fax (210) 384-3394 1. INSTALLED NEW MAIN BATTERY P/N RG-41, S/N 40693485 PER PA-46-500TP MM 24-30-00. OPS CHECK GOOD. 2. SERVICED OXYGEN SYSTEM PER PA-46-500TP MM 12-10-00. 3. INSTALLED NEW CABINET, OXYGEN DRAWER PLUNGER P/N 687-921. OPS CHECK GOOD. 4. SERVICED ALL TIRE PRESSURES, CHECKED BRAKE FLUID, SERVICED HYDRAULIC FLUID RESERVIOR AND ADDED 2 QUARTS OF BP 2380 ENGINE OIL. 5. POLISHED LEFT AND RIGHT TAXI LIGHT LENS COVERS. POLISHED LEFT AND RIGHT TAXI LIGHT LENS COVERS. The aircraft/component identified above was maintained or altered in accordance with current regulations of the federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restion under Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restion under functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station work Order: 11M-3120 Richard Kurland				
Date: 12/08	3/2014 A	uthorized Signatur	e. / ?	
		×:1		

Registration No. N4839 R

and Remarks	Signature	Certificate No.
AIRCRAFT REG.#: N4839R		
WORK PERFORMED		
Installed Garmin Flight Stream 210 PN:011-03257-40 sn: 3RE001 aircraft coupled into GNS430W IAW STC# SA01933LA-D and assigned.	183 in	
installation manual 190-00356-02 rev K dated November 2014, Pe	erformed	
load analysis and found electrical loads to draw less current than 8	30% of	
alternator output. Equipment was installed IAW AC43-13.1B and AC43.13.2B. Post installation testing was performed I.A.W. The in	estallation	
manual listed above and found to operate correctly. No noticeable	2	
interrerce was observed between existing aircraft equipment and	d newly	
installed Flight Strem 210. Supplied aircraft with the FAA approved flight manual supplement manual pn:190-00356-03 Rev E dated N	d aircraft	
for operations associated with the GNS430W / Flight Stream 210 s	system.	
The aircraft weight and balance data changes were considered an	nd found to	
be negligible. Instructions for continued airworthiness are contained document PN;190-00356-65 Rev D and were supplied to aircraft re	d on	
MAINTENANCE RELEASE	ecords.	
The component (s) identified above was repaired and inspected in accordance wi	ith	
current maintenance rules of the Federal Aviation Regulations and is approved to	or	
return to service. "Pertinent details of the repair are on file at this repair station un Work Order No.: 21532, Date: January 22, 2015	nder	
21 1	.776	
Aerospace Flectronics Inc.	0335	
2899 W. Prospect Rd., Suite E, Fort Lauderdale, FI 33309	942.8	
FAA Approved CRS VR8R545Y FORM AEI 013		

		AIRCRAFT LOG		
				Maintenance
	Aircraft Time	Recorder Reading		
	Total	Redding		
Date	This Date Total		70.041	9567258898
	Brought ->	121	7 Maher St. LaredoTexas 7004	
	Forward	CRS S78R151N 43	20B/PA46/4697293	and to comply
Date	Brought -> Forward	CRS S78R151N 431	17 Maher St. LaredoTexas 78041	9567258890

Avionics Services International..

N4839R/PA46/4697293

I Certify that the Altimeter and Reporting equipment system has been tested, Inspected, and found to comply E and F of part 43 of this chapter. The static and reporting system was tested I Certify that the ATC transponder system has been tested , Inspected ,and found to comply with paragraph (c) art 43 of this chapter. The intergrated system was tested _ Date: Apr 23, 2015 With appendices E and F of part 43 of this chapter. The static and reporting system was tested

- appendix E, of part 43 of this chapter. The intergrated system was tested.

FAR 91.411 AIRDATA EXP5000 S/N 20012396 WAS TEST TO 35,000 FT AND PASS. FAR 91.411 AIRDATA EXP5000 S/N 20014486 WAS TEST TO 35,000 FT AND PASS.

FAR 91.411 STBY. ALT P/N 16450-1147 S/N 175339A WAS TO 35,000 FT AND PASS.

- FAR 91.413 TDR#1 GTX330 S/N 84124177 WAS TEST AND PASS. FAR 91.413 TDR#2GTX330 S/N 84124228 WAS TEST AND PASS.

- LEAK RATE 45 FT @ 18,000 FT. A/C TOTAL TIME 968.8

Workorder No.

Date: Apr 23, 2015 5535

Signature__

ASI -13,14

Registration No._



Registration	N4839R	
Model No.	PA46-500TP	
Serial No.	4697293	



Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394

AIRFRAME RECORD **ENTRY**

968.8 Hour Meter 968.8 Total Time 591 Landings

Page 1 of 5

- COMPLIED WITH AN ANNUAL INSPECTION USING THE EVENT 1 & 2 INSPECTION CHECKLIST TAKEN FROM THE PIPER MAINTENANCE MANUAL AS A GUIDE.
- COMPLIED WITH THE FOLLOWING PIPER SPECIAL INSPECTION ITEMS:
 - 50 HOUR PROPELLER HEAT INSPECTION

 - 50 HOUR CHECK OF LANDING GEAR OLEO STRUTS FOR LEAKAGE AND PROPER EXTENSION.
 - 300 HOUR FIXED OXYGEN CYLINDER INSPECTION.
 - 500 HOUR CABIN PRESSURIZATION SYSTEM OPERATIONAL CHECK.
 - 1000 HOUR OVERHAUL OF STARTER GENERATOR. REINSTALLED STARTER GENERATOR P/N 200SGL145Q, S/N 6893 AFTER OVERHAUL BY NAVAJO ACCESSORIES CRS# BU2R729K UNDER WO# 80301. REFERENCE THEIR 8130-3 FORM DATED 4/23/2015. OPS CHECKED GOOD. REINSTALLATION
 - 1000 HOUR ENGINE COMPARTMENT FLEXIBLE HOSES REPLACEMENT. INSTALLED NEW HOSES P/N'S 124F001-4CR0230, 124F002-4CR0125, 124F008B0132C180, 124F002-4CR0166 AND 124F003-4CR0220. NEW HOSES ARE TSO C53a TYPE D HOSES AND ARE NO LONGER SUBJECT TO TIME OR CALENDER REPLACEMENT. ALL ENGINE HOSES ARE NOW ON CONDITION REPLACEMENT. LEAK CHECKED GOOD.
 - 30 DAY OXYGEN CYLINDER INSPECTION.
 - 30 DAY BATTERY COMPARTMENT INSPECTION.
 - 30 DAY/12 MONTH PORTABLE FIRE EXTINGUISHER INSPECTION AND WEIGHT CHECK.
 - 30 DAY/12 MONTH STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION AND CAPACITY TEST. -----CONTINUED ON PAGE 2-----



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AIRFRAME RECORD **FNTRY**

	968.8
Hour Meter	
Total Time	968.8
THE RESERVE OF THE PARTY OF THE	591
Landings	
Page 2 of 5	

- 30 DAY ELT INSTALLED TRANSMITTER SELF TEST.
- 90 DAY HYDRAULIC FLUID LEVEL CHECK.
- 90 DAY BRAKE FLUID RESERVOIR FLUID LEVEL CHECK
- 90 DAY ELT OPERATIONAL TEST.
- 12 MONTH INSPECTION AND TEST OF 1H37 VACUUM CHECK VALVE IAW AIRBORNE SL39A.
- 12 MONTH/100 HOUR LUBRICATION ITEMS.
- 12 MONTH REMOVAL OF ENGINE MOUNT HEAT BOOTS AND RETORQUE OF ENGINE MOUNT BOLTS.
 24 MONTH COMPASS CALIBRATION.
- 24 MONTH COMPASS CALIBRATION. NEW CORRECTION CARD INSTALLED.
- 24 MONTH MAGNETOMETER CALIBRATION.
- 24 MONTH FUEL PURGE SYSTEM CLEANING AND INSPECTION.
- INSTALLED NEW LUMBAR PUMP BULB P/N 686-208 AND PRESSURE RELEASE BUTTON P/N 592-683 ON COPILOT'S SEAT IAW PA46-500TR MAY COMMENT OF THE PAGE SOOT RANGE OF THE PA
- INSTALLED NEW RIGHT AFT NAV LIGHT BULB P/N 761-208 IAW PA46-500TP MM CHAPTER 33-40-00. OPS CHECKED GOOD.

- INSTALLED NEW COMPASS LAMP P/N 327 IAW PA46-500TP MM CHAPTER 33-10-00. OPS CHECKED GOOD. INSTALLED THREE NEW POST LIGHT THREE NEW POST INSTALLED THREE NEW POST LIGHT BULBS P/N 327 IAW PA46-500TP MM CHAPTER 33-10-00. OPS CHECKED GOOD.
- RIGGED ELEVATOR TRIM TAB DEFELCTIONS AND ADJUSTED CABLE TENSIONS IAW PA46-500TP MM CHAPTERS 27-00-00 AND 27-30-00 ADJUSTED ELEVATOR AND ADJUSTED ELEVATOR 27-00-00 AND 27-30-00. ADJUSTED ELEVATOR TRIM INDICATOR FOR PROPER INDICATION.



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AIRFRAME RECORD **ENTRY** 968.8 Hour Meter 968.8 **Total Time** 591 Landings Page 3 of 5

- ADJUSTED ELEVATOR CABLE TENSIONS IAW PA46-500TP MM CHAPTERS 27-00-00 AND 27-30-00.
- 10. ADJUSTED YAW SERVO BRIDLE CABLE TENSIONS IAW PA46-500TP MM CHAPTER 22-10-00.
- REPLACED LOOSE RIVETS IN LEFT AND RIGHT LOWER WING TO FUSELAGE FAIRINGS AS NECESSARY.
- 12. REINSTALLED STANDBY ALTIMETER P/N 16450-1147, S/N 175339A AFTER REPAIR OF BACKLIGHTING BY MIDCONTINENT INSTRUMENTS CRS# OL2R061L UNDER WO# 000256727. REFERENCE THEIR 8130-3 FORM DATED 4/22/2015. SEE PREVIOUS LOG ENTRY FOR CERTIFICATION.
- 13. REPAIRED FUEL LEAKS AT LEFT WING INBOARD FUEL PANEL BY SEALING DOMED NUTPLATES AND RIVETS. LEAK CHECKED GOOD
- 14. TORQUED ALL HYDRAULIC FITTING B NUTS ON NOSE GEAR SEQUENCE VALVE. LEAK CHECKED GOOD.
- 15. INSTALLED NEW LEFT AND RIGHT MAIN LANDING GEAR ACTUATOR EXTENSION AND RETRACTION HOSES P/N 565-905. PERFORMED HYDRAULIC SYSTEM TESTING (GEAR SWING). OPS/LEAK CHECK GOOD. WORK
- PERFORMED IAW PA-46-500TP MM 32-30-00 AND 29-10-00 16. TIGHTENED HARDWARE ON LEFT FLAP CENTER AND OUTBOARD BELCRANK PIVOTS AND SAFTIED NUTIAW PA46-500TP MM CHAPTER 27-50-00. OPS CHECK GOOD
- INSTALLED TWO NEW SUMP DRAIN PLACARDS P/N 656-242
- 18. ADJUSTED ALTERNATOR BELT TENSION IAW PA46-500TP MM CHAPTER 24-30-00. OPS CHECKED GOOD.
- INSTALLED NEW AIR CONDITIONER COMPRESSOR BELT P/N 73965-024 IAW PA46-500TP MM CHAPTER 21-50-00.
- INSTALLED NEW NOSE GEAR LANDING LIGHT LENS P/N LSM-500-335-15. OPS CHECKED GOOD.
- TIGHTENED ALL MOUNT HARDWARE ON BATTERY SLIDE TRAY. OPS CHECKED GOOD.
- INSTALLED NEW RIGHT LIGHTNING DIVERTER USING KIT P/N 88559-003. WORK ACCOMPLISHED IAW PA46-500TP MM CHAPTER 51-80-00 AND KIT INSTRUCTIONS

-----CONTINUED ON PAGE 4-----

-----CONTINUED ON PAGE 3-----

Aircraft Time

Recorder



Registration	N4839R
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ENTIX:		
Hour Meter	968.8	
Total Time	968.8	
Landings	591	
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AIRFRAME RECORD

ENTRY

- SERVICED OXYGEN TO 1850 PSI WITH AVIATOR'S BREATHING OXYGEN.
- LUBRICATED UPPER AND LOWER CABIN DOOR INTERNAL LATCHING LINKAGES. OPS CHECKED GOOD.
- ADJUSTED PARKING BRAKE CABLE IAW PA46-500TP MM CHAPTER 32-40-00. OPS CHECKED GOOD. INSTALLED NEW BRAKE RESERVOIR CAP ORING P/N 484-808.
- REPOSITIONED AND SECURED NOSE GEAR ACTUATOR HYDRAULIC HOSE TO PREVENT CHAFING ON NOSE GEAR DOOR.
- 28. RETORQUED AND SAFTIED NOSE LANDING GEAR ACTUATOR FORWARD ATTACH BOLT IAW PA46-500TP MM CHAPTER 32-30-00
- INSTALLED NEW OIL COOLER TO COWLING SEALS P/N'S 102610-007 AND 102610-006. 30. INSTALLED NEW LEFT AND RIGHT BRAKE DISCS P/N'S 102610-007 AND 102610-006.
 INSULATOR P/N 088-00100 REASSEMBLED LEFT BRAKE PISTON INSULATOR P/N 088-00100. REASSEMBLED LEFT BRAKE WITH NEW LININGS P/N 066-06200 AND INSULATOR SHIM P/N 068-01100. RIGHT BRAKE WAS DEAGGERED BRAKE WITH NEW LININGS P/N 066-06200 AND INSULATOR SHIM P/N 068-P/N 068-01100. RIGHT BRAKE WAS REASSEMBLED WITH NEW LININGS P/N 066-06200 AND INSULATOR SHIM P/N 068-01100. OPS CHECKED GOOD WORK ACCOMPLIANCE WITH EXISTING LININGS AND NEW INSULATOR SHIM P/N 068-01100. 01100. OPS CHECKED GOOD. WORK ACCOMPLISHED IAW PA46-500TP MM CHAPTER 32-40-00.
- BLED LEFT BRAKE IAW PA46-500TP MM CHAPTER 32-40-00. OPS CHECKED GOOD.
- 32. RESECURED ELECTRICAL CONNECTION ON FUEL TEMPERATURE GUAGE. OPS CHECKED GOOD. 33. COMPLIED WITH FAR91.207(d) ELT INSPECTION AND TEST. NO DEFECTS NOTED. BATTERY REPLACEMENT 3/2018.
- COMPLIED WITH PIPER SERVICE BULLETIN 1204 RE-CALCULATION OF WING STRUCTURAL LIFE. OPERATION HISTORY OF THIS AIRCRAFT HAS BEEN DETAILS TIME. HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE CATEGORY ONE NORMAL USAGE AT THIS TIME.



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Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293



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Hour Meter	968.8
Total Time	968.8

Landings

AIRFRAME RECORD

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35. COMPLIED WITH PIPER SERVICE BULLETIN 1175B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED AT THIS TIME. DUE EACH 50 HOURS.

I CERTIFY THAT A 100-HOUR/ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-3273

Tom Bierschwale Date: 04/28/2015 Authorized Signature:

-----CONTINUED ON PAGE 5-----

Date	Aircraft Time		Recorder	11 1-1-	Maintenance	
	This Date	Total	Reading	Mainte	natice	
	Brought Forward =>					
			1			
	MAKE: PIP	ER MODEL: PA46	-500TP S/N: 4697	293 REG.: N4839R HOBBS: 1000.5		
	REMOVED EX-5000. P/N 700-0006-003, S/N 20012396 AND INSTALLED, S/N 20337376. PERFORMED MAGNETOMETER CALIBRATION AND SET UP CONFIGURATON. — GROUND CHECKS OK. ALL FUNCTIONS NORMAL.					
		N	IAINTENANCE	RELEASE		
	INSPECTED	IN ACCORDANCE	E WITH CLIPPER	ED ABOVE WAS REPAIRED AND/OR NT REGULATIONS OF THE FEDERAL		
	PERTINENT	ADMINISTRATIO	N AND IS APPI FREPAIR ARE	ROVED FOR RETURN TO SERVICE.		
	AVIONICS N	MASTERS, INC.				
	FT. LAUDER FAA CRS VI	PRESS CREEK RD RDALE, FL 33309 MR095K	O, STE 309	SIGNATURE OF AUTHORIZED REPRESENATIVE:		
Total To Carry Forward	(954) 491-258	0		CHARLES L. HUNT JR. 3018229		

Registration	No	
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and Remarks	Signature	Certificate No.

N4839R

SUN AVIATION, INC., VERO BEACH, FL (VRB)

AIRCRAFT LOG Date: 06/10/15

Aircraft SN: 4697293 PA46-500TP Hobbs: 1000.0 Date in service 3/07/07 Piper Meridian

Removed rivets on left wing under left main wheel/wing fairing. Replaced rivets with new, installed P/N MS24693C48 and resealed all areas per PA46-500TP MM 28-10-00, 57-40-00 and PPG Aerospace P/S 890B-2. Replaced lightning diverter, installed LDS10-01-31-1-W-241-D per PA46-500TP MM 51-80-00.

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, W.O. # S002164

Signature Sun Aviation, Inc. Munic

Total To

Carry Forward

AIRCRAFT REG.#: N4839R

WORK PERFORMED Removed radar ART2000 sn:9465 and CM2000 sn:17328 from aircraft for bench testing. Performed full testing. System initially tests good. Performed environmental testing and found unit to fail after heat exposure. Isolated failure to AFC circuitry not locking up as to track magnetron frequency. Performed receiver, detector and AFC calibrations to counter operating within temperatures established by manufacturers specifications. System now checks good. Subjected units to 2 days of adverse environmental and found system to

Reinstalled ART 2000 sn:9465 and CM2000 sn:17328 into aircraft and ramp system ramp checks good.

MAINTENANCE RELEASE

The component (s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under

Work Order No.:21940 Date: Aug 17, 2015

Inspector K. Mour

Aerospace Electronics, Inc. 2899 W. Prospect Rd., Suite E, Fort Lauderdale, FI 33309

FAA Approved CRS VR8R545Y

FORM AEI 013

Registration No.

and Remarks

Signature

Certificate No.



Registration N4839R Model No. PA46-500TP Serial No. 4697293



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AIRFRAME I ENTF	
Hour Meter	1013.1
Total Time	

PAGE 1 OF 1

Landings

COMPLIED WITH THE FOLLOWING PIPER SPECIAL INSPECTION ITEMS:

- 30 DAY OXYGEN CYLINDER INSPECTION.
- 30 DAY BATTERY COMPARTMENT INSPECTION.
- 30 DAY PORTABLE FIRE EXTINGUISHER INSPECTION.
- 30 DAY STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION.

CHECKED ALL TIRE PRESSURES AND SERVICED LEFT MAIN TIRE. CHECKED ALL OLEO STRUT PRESSURES AND SERVICED NOSE STRUT WITH DRY NITROGEN. WORK PERFORMED PER PA-46-500TP MM 12-10-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-3467

Date:

09/25/2015

Authorized Signature

Richard Kurland

	Aircraft	Time	Recorder	Mainten
Date	This Date	Total	Reading	
	Brought ->			AIRFRAME RECOI



-			
Registration	N4839R		
Model No.	PA46-500TP		
Serial No.	4697293		
Serial No.	4697293		



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Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394

AIRFRAME RLOOM ENTRY
Hour Meter 1032.7
Total Time
Landings PAGE 1 OF 1
PACE PERFORMED PER

- CHECKED AND SERVICED ALL TIRE PRESSURES AND FLUID LEVELS AS NEEDED. WORK PERFORM PA-46-500TP MM CHARTERS COOK AND 10 10 20
- GROUND RUN AIRCRAFT PROPER ALTERNATOR AND GENERATOR VOLTAGES. ALL FOUND TO BE WITHIN LIMITS. REFERENCE PA46-500TP MM CHAPTER 34 20 00

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and is approved for return to consider factors for the Federal Aviation Administration and the Federal Aviation Administration and the Federal Aviation Aviation Administration and the Federal Aviation Aviati Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored under functionally tested in accordance with mfg's instructions. Portional details of the receiver on file at this repair station under functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-3583

functional Work Or	der: 11M-3583	with mfg's instructions. Pertine	1 // 1	Tom Biersci
Date:	12/8/2015	Authorized Signature:	Jam Dues	
	[10000000000000000000000000000000000000	********		



Registration

Model No.

Serial No.



Leading the Business of Aviation

Cutter Aviation San Antonio. Inc. N4839R 367 Sandau Rd. PA46-500TP San Antonio, Texas 78216 4697293 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394 4/22/2016

AIRFRAME RECORD **FNTRY**

	Hour Meter	1061.6
	Total Time	1061.6
	Landings	691
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- COMPLIED WITH AN ANNUAL INSPECTION USING THE EVENT 1 & 2 INSPECTION CHECKLIST TAKEN FROM THE PIPER MAINTENANCE MANUAL AS A GUIDE.
- COMPLIED WITH THE FOLLOWING PIPER SPECIAL INSPECTION ITEMS:
 - 50 HOUR PROPELLER HEAT INSPECTION.
 - 50 HOUR CHECK OF LANDING GEAR OLEO STRUTS FOR LEAKAGE AND PROPER EXTENSION. LEFT AND RIGHT MLG SRUTS SERVICED WITH FLUID AND NITROGEN. REFERENCE PA46-500TP MM CHAPTER 12-10-00.
 - 1000 HOUR FIREWALL INSPECTION. NO DEFECTS NOTED.
 - 1000 HOUR INSPECTION OF FLAP ROLLER BOLTS AND AILERON HINGE BOLTS. NO DEFECTS NOTED.
 - 1000 HOUR INSPECTION OF FLAP TRACKS FOR DAMAGE, CORROSION, CONDITION AND SECURITY OF ATTACHMENT, NO DEFECTS NOTED.
 - 30 DAY OXYGEN CYLINDER INSPECTION. NO DEFECTS NOTED.
 - 30 DAY BATTERY COMPARTMENT INSPECTION. NO DEFECTS NOTED.
 - 30 DAY/12 MONTH STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION AND CAPACITY TEST.
 - 30 DAY ELT INSTALLED TRANSMITTER SELF TEST.
 - 90 DAY HYDRAULIC FLUID LEVEL CHECK.
 - 90 DAY BRAKE FLUID RESERVOIR FLUID LEVEL CHECK.
 - 90 DAY ELT OPERATIONAL TEST. NO DEFECTS NOTED.
 - 12 MONTH/100 HOUR LUBRICATION ITEMS.
 - 12 MONTH INSPECTION OF PILOT'S OXYGEN MASK. NO DEFECTS NOTED.
 - 12 MONTH REMOVAL OF ENGINE MOUNT HEAT BOOTS AND RETORQUE OF ENGINE MOUNT BOLTS.
 - 24 MONTH MAGNETOMETER CALIBRATION.

-----CONTINUED ON PAGE 2-----



THIS ENTRY OUT OF AIRCRAFT LOG ORDER GILL AND BEFORE

D	ate		Aircraft Time			1-4-17.	
	die	This Dat	e Total	Recorder Reading		Mo	aintenance
Registi	Pip ration	N4839R	Leading	the Business of	Aviation	AIRFRAME ENTF	RY
Model		PA46-5007	Cutter A	iation San Ant	onio Inc	Hour Meter	1171.0
Serial I		4697293	IP 3	367 Sandau Ro Intonio, Texas		Total Time	
		1037293	TAA Kena	Ir Station No. 1	17TD 404V	Landings	
1. INS	TALL ==		- Hone (210) 3	84-3388 Fay <i>t</i>	210) 384 3304	PAGE 1	OF 1
3. INS CH/ 4. SEF	CHAPTER 24-30-00. SERVICED HYDRAULIC RESERVOIR. CYCLED LANDING GEAR WITH NO DISCREPENCIES NOTED.						
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under							
Date.	12/06	6/2016	Authorized Signat	A	· Kan		Bierschwale -
Total To Carry Forward							

Registration	No
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and Remarks	Signature	Certificate No.



Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293

4/22/2016

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Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394

AIRFRAME RECORD **ENTRY**

Hour Meter	1061.6	
Total Time	1061.6	
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COMPLIED WITH INITIAL MAIN LEAD ACID BATTERY CAPACITY TEST ON BATTERY S/N 40693485. BATTERY PASSED TEST WITH 85% CAPACITY, REFERENCE CONCORDE CMM CHAPTER 24-30-00 AND PA46-500TP MM CHAPTER 24-30-00. NEXT DUE 10/21/2016 OR 1261.6 HRS.

INSTALLED NEW POST LIGHT BULBS P/N 327 ABOVE PILOTS PFD. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 33-10-00.

ADJUSTED RUDDER SERVO BRIDLE CABLE TENSIONS. REFERENCE PA46-500TP MM CHAPTER 22-10-00.

INSTALLED NEW RIGHT MAIN LANDING GEAR ACTUATOR RETRACTION HOSE P/N 565-905. PERFORMED HYDRAULIC SYSTEM TESTING (GEAR SWING). OPS/LEAK CHECK GOOD. REFERENCE PA-46-500TP MM 32-30-00

INSTALLED NEW GROUND HERE PLACARD P/N 656-249 ON RIGHT MLG. REFERENCE PA46-500TP MM CHAPTER

INSTALLED TWO NEW BELLY DRAIN PLACARDS P/N 656-250. REFERENCE PA46-500TP MM CHAPTER 11-20-00.

ADJUSTED ALTERNATOR BELT TENSION. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 24-30-

10. ADJUSTED AIR CONDITIONER COMPRESSOR BELT TENSION. OPS CHECKED GOOD. REFERENCE PA46-500TP

11. INSTALLED NEW 8 PLY NOSE WHEEL TIRE P/N 70-310-0, S/N 5236S00038. REFERENCE PA46-500TP MM CHAPTER

12. INSTALLED NEW LEFT AND RIGHT MAIN GEAR UPPER TORQUE LINK BUSHINGS P/N 452-857. REFERENCE PA46-

13. INSTALLED NEW BRAKE RESERVOIR CAP O RING P/N 484-808.

14. INSTALLED NEW ECS CONTROL PLACARD ASSEMBLY P/N 683-384. OPS CHECKED GOOD.

-----CONTINUED ON PAGE 3-----





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Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394 AIRFRAME RECORD **FNTRY**

2		
Hour Meter	1061.6	
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15. CLEANED FRICTION DISCS IN POWER CONTROL QUADRANT. FRICTION LOCK OPS CHECKED GOOD.

16. INSTALLED VACUUM CHECK VALVE P/N 1H37-1, S/N 15028-3 OVERHAULED BY AERO ACCESSORIES, INC. CRS# YV4R688M UNDER WO# 030991. REFERENCE THEIR 8130-3 FORM DATED 1/29/2015. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 37-10-00.

17. INSTALLED ONE NEW STATIC WICK P/N DD1W ON LEFT AILERON OUTBOARD POSITION AND ONE NEW STATIC WICK P/N DD1W AND BASE P/N 452-124 ON LEFT ELEVATOR OUTBOARD POSITION.. REFERENCE PA46-500TP MM CHAPTER 23-60-00.

REPAIRED SMALL CUT IN FORWARD PORTION OF CABIN DOOR SEAL WITH RTV157.

INSTALLED NEW RIGHT TAXI LIGHT ASSEMBLY P/N 87742-003. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 33-40-00.

COMPLIED WITH FAR91.207(d) ELT INSPECTION AND TEST. NO DEFECTS NOTED. BATTERY REPLACEMENT DUE 3/2018

COMPLIED WITH PIPER SL 1056 COOLING AIR INLET DRAIN PER SB INSTRUCTIONS. NO DEFECTS NOTED.

COMPLIED WITH PIPER SL 1056 COOLING AIR INLET DRAIN PER SB INSTRUCTIONS. NO BLI 2010 MICH PIPER SL 1110A COMPRESSOR WASH. SEE ENGINE LOG ENTRY DATED 4/22/2016 FOR DETAILS.

23. COMPLIED WITH PIPER SERVICE LETTER 1131 AILERON SECTOR BEARING LUBRICATION. DUE EACH 100 HRS.

24. COMPLIED WITH PIPER SERVICE LETTER 1131 AILERON SECTOR BEAKING LOBRICATION. BUE EACH 100 HOURS.

25. COMPLIED WITH PIPER SERVICE LETTER 1135 CONTROL CABLE/PULLEY INSPECTION. BUE DISCONTROL CABLE/PULLEY INSPECTION. BUE DISCO CONNECTOR PER SL ACCOMPLISHMENT INSTRUCTIONS.

-----CONTINUED ON PAGE .----

COMPLIED WITH PIPER SERVICE BULLETIN 1175B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED AT THIS TIME. DUE EACH 50 HOURS.



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27. COMPLIED WITH PIPER SERVICE BULLETIN 1204 RE-CALCULATION OF WING STRUCTURAL LIFE. OPERATION HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE CATEGORY ONE NORMAL USAGE WITH NO REDUCTION IN STRUCTURAL LIFE LIMITATIONS AT THIS TIME.

28. COMPLIED WITH PIPER SERVICE BULLETIN 1267A EMPENNAGE RIVETS INSPECTION BY INSPECTION AND REWORK PER PARTS I, II AND III.

29. COMPLIED WITH PIPER SERVICE BULLETIN 1271 WING SPAR INSPECTION PER PARAGRAPHS 1. a., 2 AND 3. NO

30. COMPLIED WITH PIPER SERVICE BULLETIN 1275 NOSE GEAR SERVICING PLACARD BY INSTALLATION OF NEW PLACARD P/N 100700 125 JAMES 100 PLACARD P/N 100700 P/N 100 PLACARD P/N 100700-125 IAW SB INSTRUCTIONS PARTS I, II, III, IV AND V.

31. COMPLIED WITH PIPER SERVICE BULLETIN 1280 H3R FIRE EXTINGUISHER REPLACEMENT PART III BY INSTALLATION OF KIT D/N 28570-201 INSTALLATION OF KIT P/N 88572-001 AND NEW FIRE EXTINGUISHER REPLACEMENT 1730 PER KIT INSTRUCTIONS AND SE ACCOMPLISHED TO SERVICE BULLETIN 1280 H3R FIRE EXTINGUISHER P/N 459-750, S/N B10804702 PER KIT INSTRUCTIONS AND SB ACCOMPLISHMENT INSTRUCTIONS.

32. AD 2016-01-01 AMDT 39-18359 WAS PREVIOUSLY COMPLIED WITH IAW PIPER SB1262A ON 4/1/2014 AT 872.0 HRS. SPLICE PLATE SEALANT IS DECERFICIONS. SPLICE PLATE SEALANT IS PROPERLY APPLIED. NO ACTION REQUIRED.

33. COMPLIED WITH AD 2015-08-07 AMDT. 36-18143 ZODIAC OXYGEN MASKS FOUND TO BE NOT APPLICABLE TO

INSTALLED MASK P/N MC10-11-105, S/N 120798 PER ZODIAC SB MXH-35-240R7. 34. COMPLIED WITH AD 2015-23-09 AMDT. 36-18325 ZODIAC OXYGEN MASKS FOUND TO BE NOT APPLICABLE TO INSTALLED MASK P/N MC10 44 10 INSTALLED MASK P/N MC10-11-105, S/N 120798 PER ZODIAC SB MCF-SBU-35-001R3.

I CERTIFY THAT A 100-HOUR/ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 Appendix D. AND HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE Pertinent details. RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-3692

4/22/2016

Authorized Signature:

Tom Bierschwale

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REMOVED CO-PILOT SEAT TO ACCESS OXYGEN GENERATOR. REPLACED NUT ON SWITCH ASSEMBLY AND POSITIONED SWITCH ASSEMBLY AS NEEDED. OPS CHECK GOOD. REINSTALLED CO-PILOT SEAT. REFERENCED PA-46-500TP MM 35-20-00

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-3744

	Date:	04/26/2016	Authorized Signature:	Rad leas	Richard Kurland
_					

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AIRCRAFT LOG				
Date Aircraft Time		Recorder	Maintenance	
3	This Date	Total	Reading	
Replace 218. Rep Cleaned PA46-50 latches p MAINTE and inspeaded or ap office, W	d AC compressor alaced pressure a expansion valves OTP MM 21-50-00 er AMM 52-20-00 NANCE RELEAS ected in accordant for return to sen opliance maintenation. # \$002696	and suction line, ir and serviced system. Continuous and serviced systems. E: This aircraft, and the current revice. All work was ance manuals and	Aircra Date Ver, installed P/N 56 stem with oil ar hatch and clea airframe, aircra egulations of the s performed in d instructions.	in service 3/07/07 N's compressor-557-802 receiver dryer-601-6-646 and 566-655 in engine compartment. and 134A refrigerant, all work done per Piper uned door seal and airframe and adjusted lower aft engine, propeller or appliance was repaired be Federal Aviation Administration and is accordance with applicable aircraft, engine Pertinent details are on file at the repair station
Sun Avia	Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257			
	**************************************		, 020	

Total To

Carry Forward

Registration No.

and



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- CLEANED PROPELLER DE-ICE BRUSH RINGS. REPINNED CONNECTORS AND INSTALLED NEW PROPELLER DE-ICE TIMER P/N A1165-1, S/N 000060. REFERENCED PA-46-500TP MM 30-60-00, 31-50-00 AND 91-30-60. OPS
- REMOVED LEFT AND RIGHT MAIN LANDING GEAR WHEEL ASSEMBLIES. INSTALLED AND SERVICED NEW TIRES P/N 301-028-006, S/N'S LEFT- 61562437 AND RIGHT-61562118. REINSTALLED WHEEL ASSEMBLIES. REFERENCED PA-46-500TP MM 32-40-00.
- SERVICED OXYGEN SYSTEM TO 1800 PSI. REFERENCED PA-46-500TP MM 35-10-00.
- REATTACHED PILOT SEAT LUMBAR BULB. REFERENCED PA-46-500TP MM 25-10-00.
- INSTALLED NEW FOLDING CUP HOLDER P/N 565-735. REFERENCED STANDARD SHOP PRACTICES.
- ADJUSTED ROUTING AND SECURED BLEED AIR VALVE WIRING HARNESS AS NEEDED TO RELIEVE STRESS AT BOTTOM OF VALVE. REFERENCED STANDARD SHOP PRACTICES.
- INSTALLED NEW TAIL NAV LIGHT (WHITE) BULB P/N 761-208 ON RIGHT WING. REFERENCED PA-46-500TP MM 33-40-00, OPS CHECK GOOD.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under

Work Order: 11M-3885

Date:

09/01/2016

Authorized Signature:

Richard Kurland

		7 (1)	WCKAFI LOG	,	
Date	Aircra	ft Time	D		
	This Date	Total	Recorder Reading	Maintenance	_
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Airframe Log E	intry	l	1		
DATE:	4839R 1/4/2017	Hobbs	1192.5		
Make/Model	Piper PA46-500TP	S/N	4697293		
1. SERVICED	PILOT OXYGEN BOTTLE TO	1800 PSI IAW PA46-50	907 P WM.		
Date: 1-4	<u>1-2017</u> 0:		4		
	F2017 Signed	AP# 2738632 CH	Aris Barrence		
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and Remarks		Signature	Certificate No.
MAKE: Piper Aircraft Inc MODEL: Pa48-500tp	Aero Diesel Aviation	DATE: 1/11/2017 A/C TSN: Landings: TACH:	
S/N: 4697293 REG. NO: 4839R WORK ORDER: 0119-01-2017	701-2 NE 10th St Pompano Beach, FL 33060 Phone: 754-307-1908	IAUN.	
Airframe Entries			
DAITERY VOLIAGE	3 (2) BATTERY HAS BEEN STARTING WITH LOW VOLTAGE. I E TO 25.8. AFTER 1 HOUR VOLTAGE DOWN TO 24.2. OVERNIG FERY ON ORDER PER CUSTOMERS REQUEST. REMOVED BA ATTERY P/N 601-910 S/N 40813101 INTO AIRCRAFT AND CLOS	TEDV D/N 601-910 S/N 40797434.	
	IIIn	Work Order: 0119-01-2017	
DATE: 1/11/2017	SIGNED: Chris.barcenas, A&P: 2738632	Printed by EBis 3 (datcomedia.com)	

Date	Aircro	ıft Time		
	This Date Brought	Total	Recorder Reading	Maintenance
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arasota Arrionia- E				

Sarasota Avionics East

2633 Lantana Road, Bldg. 214 Lantana, FL 33462

Date: 1/23/17 Tail: N- 4839R

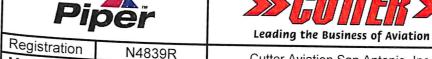
Make/Model: PIPER PA-46-500TP S/N: 4697293 Hobbs: 1199.9



Removed dual GNS430W (SN: 97138285 & SN: 97138307), GMA340 (SN: 96279530). Installed dual factory new GTN650 (SN: 1Z8021933 & 1Z8021938) and Flightstream 510 (SN: 402000892) IAW Garmin Installation Manual Doc. No. 190-01007-A3, Rev. 10, dated 9/8/16. Installation documented with FAA 337 dated 01/23/17 and STC # SA02019SE-D. Installed factory new GMA350C (SN: 1UF201269) IAW Garmin Installation Manual 190-01134-11, Rev. J, dated 3/22/16. All work was performed using acceptable methods and techniques. Weight and balance updated to show alterations. Details on file under WO# 51486.

_ for Sarasota Avionics East CRS# 1SER284B. Total To Carry Forward





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COMPLIED WITH 24 MONTH FAR 91.411 AND 91.413 AS FOLLOWS: TESTED AND INSPECTED #1 PFD M/N EXP5000, S/N 20337376 FROM -1000 TO 35,000 FEET AS REQUIRED BY

FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43. TESTED AND INSPECTED #2 PFD M/N EXP5000, S/N 20014486 FROM -1000 TO 35,000 FEET AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.

Phone (210) 340-6780 Fax (210) 384-3394

TESTED AND INSPECTED STANDBY ALTIMETER P/N 16450-1147, S/N 175339A FROM -1000 TO 35,000 FEET AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.

TESTED AND INSPECTED STATIC SYSTEM AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.

TESTED AND INSPECTED #1 TRANSPONDER P/N GTX330ES/011-00455-60, S/N 84124228 AS REQUIRED BY FAR 91.413(a) AND FOUND TO COMPLY WITH APPENDIX F OF FAR 43.

TESTED AND INSPECTED #2 TRANSPONDER P/N GTX330ES/011-00455-60, S/N 84124177 AS REQUIRED BY FAR 91.413(a) AND FOUND TO COMPLY WITH APPENDIX F OF FAR 43.

COMPLIED WITH FAR 91.217 IN CONJUNCTION WITH FAR 91.411 AND FAR 91.413 TESTS AND INSPECTIONS.

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS MAINTAINED OR ALTERED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. ALL DISRUPTED SYSTEMS WEBS 522 WERE RESTORED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MFG'S INSTRUCTIONS. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER: 11M-4115

Date:

04/06/2017

Authorized Signature:

Richard Kurland End/Col



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- COMPLIED WITH AN ANNUAL INSPECTION USING THE EVENT 1 & 2 INSPECTION CHECKLIST TAKEN FROM THE PIPER MAINTENANCE MANUAL AS A GUIDE.
- COMPLIED WITH THE FOLLOWING PIPER SPECIAL INSPECTION ITEMS:

 - 50 HOUR CHECK OF LANDING GEAR OLEO STRUTS FOR LEAKAGE AND PROPER EXTENSION. NO DEFECTS NOTED.

 - 300 HOUR CHECK OF STARTER GENERATOR BRUSHES AND CLEANING OF STARTER GENERATOR. BRUSHES
 FOUND OK FOR CONTINUED SERVICE

 - 500 HOUR LEFT AND RIGHT MLG ACCTUATOR UPPER ATTACH BOLTS INSPECTION. NO DEFECTS NOTED. • 600 HOUR REPLACEMENT OF FUEL FILTER ELEMENT. NEW ELEMRNT P/N 601-809 INSTALLED. LEAK CHECK GOOD.
 - 30 DAY/12 MONTH FIRE EXTINGUISHER INSPECTION AND WEIGHT CHECK, NO DEFECTS NOTED.
- 30 DAY/12 MONTH STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION AND CAPACITY TEST.
- 90 DAY HYDRAULIC FLUID LEVEL CHECK.
- 90 DAY BRAKE FLUID RESERVOIR FLUID LEVEL CHECK.

- 12 MONTH REMOVAL OF ENGINE MOUNT HEAT BOOTS AND RETORQUE OF ENGINE MOUNT BOLTS.

 24 MONTH MAGNETOMETER CALIBRATION

- 24 MONTH/400 HOUR INSPECTION AND CLEANING OF FUEL PURGE SYSTEM. NO DEFECTS NOTED.

 24 MONTH/500 HOUR INSPECTION AND CLEANING OF FUEL PURGE SYSTEM. NO DEFECTS NOTE * 24 MONTH/500 HOUR INSPECTION AND CLEANING OF FUEL PURGE SYSTEM. NO DEFECTS NOTED.



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- * 60 MONTH OXYGEN CYLINDER STANDARD STEEL HYDROSTATIC TEST. REINSTALLED AND SERVICED INSPECTED OXYGEN BOTTLE P/N 800112-24, S/N ST78855. LEAK CHECK GOOD. REFERENCE AEROSPACE TURBINE ROTABLES INC. (CRS-NV2R045L) 8130-3 DATED 04/06/2017 UNDER WO105419.
- * 60 MONTH OXYGEN SYSTEM REGULATOR OVERHAUL AND FILL VALVE REPLACEMENT. REINSTALLED OVERHAULED OXYGEN REGULATOR P/N 800114-12, S/N C06100277. OPS/LEAK CHECK GOOD. REFERENCE AEROSPACE TURBINE ROTABLES INC. (CRS-NV2R045L) 8130-3 DATED 04/06/2017 UNDER WO105420.
- 60 MONTH INSPECT ATTACH FITTINGS AND PUSHRODS. REAPPLY DINITROL AV8.
- * 60 MONTH FORWARD AND AFT WING SPAR TO FUSELAGE ATTACH FITTINGS INSPECTION. RETORQUED RIGHT FORWARD BOLT AS REQUIRED. NO OTHER DEFECTS NOTED
- 60 MONTH ELEVATOR TRIM TAB PUSH RODS INSPECTION. NO DEFECTS NOTED.
- 60 MONTH VERTICAL STABILIZER FORWARD ATTACH FITTING INSPECTION. NO DEFECTS NOTED.
- * 60 MONTH FORWARD AND AFT HORIZONTAL STABILIZER ATTACH FITTINGS INSPECTION. NO DEFECTS NOTED
- * 120 MONTH REPLACEMENT OF OXYGEN GENERATORS INSTALLED. THREE NEW GENERATORS P/N 471-025,
- S/N'S 16091085, 16080769 AND 16080785 INSTALLED. MANUFACTURE DATE 8/20/2016. COMPLIED WITH 4 MONTH/200 HOUR SUBSEQUENT MAIN LEAD ACID BATTERY CAPACITY TEST ON BATTERY P/N RG-41, S/N 40813101. BATTERY PASSED TEST WITH 91% CAPACITY. REFERENCE CONCORDE CMM 24-30-00.
- COMPLIED WITH FAR 91.207(d) ELT INSPECTION AND TEST. NO DEFECTS NOTED. BATTERY EXP. DATE: 3/2018.
- INSTALLED NEW POST LIGHT P/N 572-625 ON THE OXYGEN PANEL. OPS CHECKED GOOD.
- ADJUSTED YAW SERVO BRIDLE CABLE TENSIONS. REFERENCE PA46-500TP MM CHAPTER 22-10-00.
- ADJUSTED PITCH SERVO BRIDLE CABLE TENSIONS. REFERENCE PA46-500TP MM CHAPTER 22-10-00.
- ADJUSTED ROLL SERVO BRIDLE CABLE TENSIONS. REFERENCE PA46-500TP MM CHAPTER 22-10-00.
- ADJUSTED RUDDER CABLE TENSIONS. REFERENCE PA46-500TP MM CHAPTERS 27-00-00 AND 27-20-00.
- ADJUSTED ELEVATOR TRIM CABLE TENSIONS, REFERENCE PA46-500TP MM CHAPTERS 27-00-00 AND 27-30-00. INSTALLED NEW LEFT AND RIGHT MAIN WHEEL HUB CAPS P/N 551-621.

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- 12. INSTALLED NEW LEFT AND RIGHT MAIN LANDING GEAR ACTUATOR RETRACTION HOSES P/N 187-273.
 PERFORMED HYDRAULIC SYSTEM TEXTING COLUMN GEAR ACTUATOR RETRACTION HOSES P/N 187-273. PERFORMED HYDRAULIC SYSTEM TESTING (GEAR SWING). OPS/LEAK CHECK GOOD, REFERENCE PA-46-500TP
- 13. BLED RIGHT BRAKE. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 32-40-00.
- 14. CUSTOMER REQUESTED PAINT REPAIRS PERFORMED BY OUTSIDE VENDOR, MOLLEDA PAINTING LLC.

 15. INSTALLED NEW LEST AND DESCRIPTION.
- 15. INSTALLED NEW LEFT AND RIGHT LIGHTNING DIVERTERS KIT P/N 88559-002. REFERENCED DRAWING #88559 REV A.
- 16. ADJUSTED ALTERNATOR BELT TENSION. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 24-30-00.
- 17. ADJUSTED AIR CONDITIONER COMPRESSOR BELT TENSION. OPS CHECKED GOOD. REFERENCE PA46-500TP
 MM CHAPTER 21-50-00
- 18. INSTALLED NEW LEFT AND RIGHT MAIN GEAR UPPER TORQUE LINK BUSHINGS P/N 452-857 AND BOLTS P/N 691-315. REFERENCE PA46-500TB MM CHARTER AND PROPERTOR OF THE PAGE OF THE PAG
- 19. REPLACED TOP CENTER COWL CAMLOCK ON UPPER FORWARD COWLING WITH CORRECT LENGTH FASTENER P/N 690-704.
- 20. INSTALLED TWO NEW STATIC WICKS P/N DD1W AND BASES P/N R90-550 ON LEFT AILERON AND ONE NEW STATIC WICK P/N DD1W AND BASE R/N CS 100 M AND BASE R/N CS 1
- STATIC WICK P/N DD1W AND BASE P/N 452-124 ON RIGHT ELEVATOR. REFERENCE PA46-500TP MM 23-60-11.
 REMOVED CLOUDINESS FROM LEFT AND 23-60-11.
- 22. INSTALLED OVERHAULED LIFT TRANSDUCER P/N C-52807-2, S/N 138809-05. PERFORMED GROUND CALIBRATION OF STALL WARNING SYSTEM LISTOR FACTOR OF STALL WARNING SYSTEM AND STALL WARNING SYSTEM SYSTEM AND STALL WARNING SYSTEM SYS OF STALL WARNING SYSTEM USING FACTORY TIP GRAM SETTINGS IN AIRCRAFT LOG BOOK. REFERENCED PA-46-500TP MM 27-30-00. STALL WARNING SYSTEM USING FACTORY TIP GRAM SETTINGS IN AIRCRAFT LOG BOOK. 46-500TP MM 27-30-00. STALL WARNING HEAT OPS CHECK GOOD. REFERENCE SAFE FLIGHT INSTRUMENT CORPORATION (CRS-QA1R419K) 8120 2 DATES AND SETTINGS IN AIRCRAFT LOG BOOK. REFERENCE SAFE FLIGHT INSTRUMENT CORPORATION (CRS-QA1R419K) 8130-3 DATED 03/06/2017 UNDER WO# MAINT-22574.

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23. COMPLIED WITH PIPER SERVICE BULLETIN 1173B ENGINE OIL HOSE ASSEMBLIES AND WIRING HARNESS IAW ROUTING BY VERIFYING COMPLIANCE WITH SB 1173A AND RE-ROUTING ENGINE ELECTRICAL HARNESS IAW BULLETIN INSTRUCTIONS PART II.

COMPLIED WITH PIPER SERVICE BULLETIN 1175B PILOT'S SIDE WINDOW INSPECTION BY INSPECTING SIDE WINDOW IAW BULLETIN INSTRUCTIONS PART I. NO CRACKS NOTED AT THIS TIME. DUE EACH 50 HOURS.

COMPLIED WITH PIPER SERVICE BULLETIN 1204 RE-CALCULATION OF WING STRUCTURAL LIFE. OPERATION HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE CATEGORY ONE NORMAL USAGE WITH NO REDUCTION IN STRUCTURAL LIFE LIMITATIONS AT THIS TIME.

COMPLIED WITH PIPER SERVICE BULLETIN 1288 AFT VERTICAL FIN SPAR INSPECTION IAW BULLETIN

INSTRUCTIONS. NO DEFECTS NOTED. 27. COMPLIED WITH PIPER SERVICE BULLETIN 1296 FCU MANUAL OVERRIDE INSPECTION IAW PRATT & WHITNEY

SB A3487. NO DISCREPANCIES NOTED. VERIFIED PIPER SERVICE BULLETIN 1297 ALTIMETER INSPECTION AND REPLACEMENT IS NOT APPLICABLE

DUE TO AEROSONIC ALTIMETER INSTALLED AT THIS TIME. 29. COMPLIED WITH PIPER SERVICE LETTER 1202 MAIN LANDING GEAR ACTUATOR HOSE REPLACEMENT. INSTALLED NEW LEFT AND RIGHT ACTUATOR RETRACT HOSES P/N 187-273 IAW LETTER INSTRUCTIONS AND

MM 29-10-00. LEAK CHECK GOOD. COMPLIED WITH PIPER SERVICE LETTER 1204 HEATED WINDSHIELD TEST PROCEDURE IAW LETTER

INSTRUCTIONS. TESTED GOOD AT THIS TIME. 31. VERIFIED AD 2017-04-06 AMDT 39-18801 TO PREVENT DISPLAY OF MISLEADING ALTITUDE DATA IS NOT APPLICABLE DUE TO AEROSONIC ALTIMETER INSTALLED AT THIS TIME.

CERTIFY THAT A 100-HOUR/ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAD 100-HOUR/ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO 3 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION Under Work Order: 11M-4115 RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-4115

Date:

04/19/2017

Authorized Signature:

Richard Kurland

Registration	N4839R				Hour Meter	1220.3
Model No. Serial No.	PA46-500TP 4697293	AIRFRA	ME RECORD E	ENTRY	Total Time Landings DATE: 04/20/2	1220.3 2017
500 HOUR O	GEAR WARNING OIL	PRESSURE SWITE	CH IN FLIGHT CHE CERTIFICATE N	CK TO BE COMP IUMBER <u>/42</u>	SZ91 ATT	
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Carry Forward		:1				

Registration No.



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D .	
Registration	N4839R
Model No.	PA46-500TP
Social M	1 A40-3001P
Serial No.	4697293



Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394

AIRFRAME RECORD
ENTRY

Hour Meter	1220.9		
Total Time	1220.9		
Landings			
PAGE 1 OF 1			

1. INSTALLED OVERHAULED AIR CONDITIONER CONDENSOR FAN MOTOR P/N MB56D-1, S/N 650. REFERENCED PA-46-500TP MM 21-50-00. PERFORMED GROUND RUN. AIR CONDITIOER OPS CHECK GOOD. REFERENCE GEORGE'S ELECTRICAL SERVICE (CRS-NP3R718L) 8130-3 DATED 03/20/2017 UNDER WO# 212331.

2. INSPECTED OXYGEN BOTTLE ASSEMBLY FOR LEAKS. FOUND LEAK AT CAPILLARY TUBE FITTING. REMOVED CAPILLARY LINE AND OXYGEN BOTTLE ASSEMBLY, INSPECTED REGULATOR FITTING FOR SCRATCHES AND O-RING FOR DAMAGE. NONE FOUND. REINSTALLED ALL ITEMS, SERVICED AND LEAK CHECKED FITTINGS, NO LEAK FOUND AT THIS TIME. REFERENCED PA-46-500TP MM 35-10-00.

INSTALLED NEW EMERGENCY EXIT DOOR SEAL P/N 686-045 AND ADJUSTED DOOR FOR PROPER FIT. PRESSURIZED AIRCRAFT AND FOUND NO LEAKS AROUND EMERGENCY EXIT. REFERENCED PA-46-500TP

4. CLEANED FLUID FROM HYDRAULIC POWER PACK AND UNDER FLOOR. JACKED AIRCRAFT AND CYCLED LANDING GEAR SEVERAL TIMES. NO LEAKS FOUND. RETRACTED GEAR TO PRESSURIZE SYSTEM FOR SEVERAL HOURS. NO LEAKS FOUND. EXTENDED GEAR, VERIFIED HYDRAULIC RESERVOIR IS SERVICED TO THE PROPER LEVEL AND DOWN JACKED AIRCRAFT.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-4149

Date:

04/27/2017

Authorized Signature:

and person

Richard Kurland

Date	Aircraft	Time	Recorder	14 '-1-nance
	This Date	Total	Reading	Maintenance
	Brought Forward ->			



Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293
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Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y AIRFRAME RECORD **ENTRY**

Hour Meter	1238.5
Total Time	1238.5
Landings	
PAGE	1 OF 1
7-4	

FABRICATED NEW BELLY INSPECTION PANEL FROM 2024T3 .025 ALUMINUM. REFERENCED STANDARD SHOP PRACTICES. PANEL PAINTED BY OUTSIDE VENDOR, MOLLEDA PAINTING LLC. INSTALLED PANEL.

Phone (210) 384-3388 Fax (210) 384-3394

- SECURED LUMBAR SUPPORT BULB ON CO-PILOT SEAT. REFERENCED STANDARD SHOP PRACTICES.
- COMPLIED WITH PIPER SB 1290 FLAP BRACKET INSPECTION, INBOARD BELLCRANK PART I INSPECTION IAW BULLETIN INSTRUCTIONS. NO DEFECTS NOTED. NEXT DUE: ACTT-1338.5.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to a supervised and functionally Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. But it is a long to the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. But it is a long to the work performed. tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-4202

Date:	06/12/2017	Authorizadio		Richard Kurland
	2001	Authorized Signature:	Ford Kend	Richard
	arry Forward			

	Registration No		
and Remarks		Signature	Certificate No.
Hobbs: 1250.0	, VERO BEACH, FL (VRB) AIRCRAFT LOG PA46-500TP Piper Meridian Cks . Serviced oxygen per Piper PA40 her in right wheel fairing, installed P/N	rvice 3/07/07	Replaced
and or appliance main office, W.O. # \$00318	EASE: This aircraft, airframe, aircraft engrance with current regulations of the Fedservice. All work was performed in accontenance manuals and instructions. Pertingular personal period of the perio	rdance with applicable airc nent details are on file at t	

AIRCRAFT LOG

			Recorder	•	Maintenance
	Aircra	ft Time	Reading		
Date	This Date	Total	Kedding	8	
£		Aero Diese	_{el} Aviation	DATE: 8/28/2017 A/C TSN: 1254.3 Landings: HOBBS: 1254.3	
MOI S/N:	4697293	701-2 NE 10th Pompano Bea	n St ach, FL 33060 07-1908		
	NO: 4839R RK ORDER: -08-2017			V P/N'S 557-802 COMPRESSOR AND PN IA REFRIGERANT, ALL WORK DONE IAW	
(2) F 601	REPLACED AC COMPRESS -218 RECEIVER DRYER. SE ER PA46-500TP MM CH 21-	OR AND RECEIVER DR RVICED SYSTEM WITH 50-00	OIL AND FREON 134	V P/N'S 557-802 COMPRESSOR AND PN IA REFRIGERANT, ALL WORK DONE IAW	_
PIPI		11	IN	Work Order: 0251-08-2017 Printed by EBis 3 (datcomedia com)	
DAT	E: 8/28/2017	SIGNED: chris barcenas, A&P: 273	8632 🕰	Printed by Daniel	
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tal To try Forward					

Registration No	
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and Remarks		Signature	Certificate No.
		- Januaro To	Cermicate No.
MAKE: Diagram			
MAKE: Piper Aircraft inc MODEL: Pa46-500tp S/N: 4697293 REG. NO: 4839R WORK ORDER: 0254-08-2017	Aero Diesel Aviation 701-2 NE 10th St Pompano Beach, FL 33060 Phone: 754-307-1908	DATE: 9/1/2017 A/C TSN: 1254.3 Landings: HOBBS: 1254.3	
Airframe Entries			× =
(1) TROUBLE SHOT	GENERATOR SYSTEM AND REPLACED GENERATOR CONTACTO NE GROUND RUN WITH NO DEFECTS WITH GEN ON LINE.	PR P/N 602-943 WITH NEW.	
DATE: 9/1/2017	SIGNED: MM	Work Order passes	
	chris.barcenas, A&P: 2738632	Work Order: 0254-08-2017 Printed by EBis 3 (datcomedia.com)	
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			Recorder			
Duto	Aircraft This Date	Total	Reading		AIRFRAME ENT	RECORD RY
Date	THIS DO			i tion	LIV	1 4264 1
	oer	Leading	the Business of Aviation San Anto	onio, Inc.	Hour Meter Total Time	
	N4839R	Cutter A	367 Sandau Rd	78216	Landings	OF 1
Registration	PA46-500TP	San FAA Rep Phone (210)	Antonio, Texas i air Station No. U 384-3388 Fax (2	17TR4911 210) 384-3394	2000, REFER	RENCE PA46-
Model No. Serial No.	4697293	Phone (210) 3	384-3300 384-3300 384-3300	3. OPS CHECKE	ED GOODE STAN	DARD SHUT
00.11		LINE CONTAC	LOK LUI	ED GOOD. RE	:	the Federal

500TP MM 24-30-00.
SECURED LOOSE LUMBAR SUPPORT BULB. OPS CHECKED GOOD. REFERENCE above was maintained or altered in accordance with current regulations of the Federal above was maintained or altered in accordance with current regulations of the Federal All disrupted systems were restored and appearance of the work performed. ned or altered in accordance with current regulations of the Federal and or altered in accordance with current regulations of the Federal regulations of the

2.	PRACTICES.	bove was maintained or alleled	k performed are of the repair are	Tom Bierschwale
The	aircraft/component identified a	bove was maintained or altered by the work of the work	1 Kinschils	
Aviat funct	ion Administration accordance in accordance	Authorized Signature:	low men	
Wor	ionally tested in k Order: 11M-4309 9/20/2017	Authoriz		
nat	e:			= :5

Total To Carry Forward Registration No.

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Signature

Certificate No.



Registration	N4839R		
Model No.	PA46-500TP		
Serial No.	4697293		



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AIRFRAME RECORD ENTRY				
Hour Meter	1289.4			
Acft Total Time	1289.4			

Landings PAGE 1 OF 1

INSTALLED NEW RIGHT HAND PITOT HEAT TIMER P/N 691-419. OPS CHECK OF BOTH LEFT AND RIGHT PITOT HEAT SYSTEMS CHECKED GOOD. IAW PA46-500TP MM CH. 39-10-00 AND 91-30-30.

INSTALLED NEW LEFT AND RIGHT TAIL POSITION LAMPS P/N 761-208 AND 34-0420070. OPS CHECK GOOD. WORK WAS DONE IAW PIPER PA-46-500TP MM 33-40-00.

SERVICED OXYGEN I.A.W PIPER PA46-500TP A.M.M. 35-10-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-4372

Date:

11-29-2017

Authorized Signature:

STEPHEN HOLLIDAY

Date	Pate Aircraft Time Recorder			Maintenance	
	This Date	Total	Reading		Maimenance
MODEL: Pa	er Aircraft Inc 146-500tp	Aero Diesel Avia	tion	DATE: 3/8/2018 A/C TSN: 1308.6	
S/N: 46972: REG. NO: 4 WORK ORI 0370-03-20	839R DER: 18	701-2 NE 10th St Pompano Beach, FL 3 Phone: 754-307-1908	33060	A/C TSN: 1308.6 Landings: HOBBS: 1308.6	
Airframe (2) SERVI	Entries CED PILOTS OXYGEN BOT	TLE FROM TO 1900 PS	I I.A.W. PIPER PA-46	5-500 M/M	
		// ^	1.		
DATE: 3/8/	OIGINE	0/		Work Order: 0370-03-2018	
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Registration	N4839R
Model No.	
	PA46-500TP
Serial No.	4607000
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4/18/2018



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Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394 AIRFRAME RECORD
ENTRY 1322.0

CORRECT HOUR METER

Hour Meter 1332.0

Total Time 1332.0

Cycles -
Page 1 of 4

- 1. COMPLIED WITH AN ANNUAL INSPECTION USING THE PIPER PA-46-500TP MAINTENANCE MANUAL CHAPTER 5-20-00 EVENT 1 AND 2 INSPECTION CHECKLISTS AS A GUIDE. PERFORMED POST INSPECTION ENGINE RUNS AND SYSTEM CHECKS WITH ALL INDICATIONS AND OPERATIONS NORMAL.
- 2. COMPLIED WITH THE FOLLOWING PIPER CHAPTER 5-20 SPECIAL INSPECTIONS:
 - 30 DAY PORTABLE FIRE EXTINGUISHER INSPECTION, NO DEFECTS NOTED.
 - 90 DAY OXYGEN BOTTLE INSPECTION. NO DEFECTS NOTED. PERFORMED LEAK CHECK. CHECKED GOOD.
 - 90 DAY STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION. NO DEFECTS NOTED.
 - 90 DAY INSTALLED ELT INSTALLED TRANSMITTER SELF TEST. TESTED GOOD.
 - 90 DAY HYDRAULIC PUMP RESERVOIR LEVEL CHECK.
 - 90 DAY BRAKE FLUID RESERVOIR FLUID LEVEL CHECK.
 - 12 MONTH/100 HOUR LUBRICATION ITEMS.
 - 12 MONTH TEST OF PILOT'S OXYGEN MASK, NO DEFECTS NOTED.
 - 12 MONTH REMOVAL OF HEAT BOOTS AND INSPECTION OF ENGINEMOUNT BOLTS. ALL TORQUE STRIPES INTACT
 - 12 MONTH CAPACITY TEST OF STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY. TESTED GOOD.
 - 12 MONTH INITIAL BATTERY CAPACITY CHECK ON BATTERY S/N 40813101. BATTERY FAILED INITIAL
 TEST. PERFORMED CONDITIONING CHARGE. BATTERY PASSED SECOND TEST WITH 100% CAPACITY.
 REFERENCE CONCORDE RG SERIES CMM CHAPTER 24-30-71 AND PA46-500TP MM 24-30-00.
 - 120 MONTH TEST OF WING AND FUSELAGE FLUID HOSES. NO DEFECTS NOTED.
 - 50 HOUR INSPECTION OF OLEO STRUTS FOR PROPER EXTENSION AND LEAKS. NO DEFECTS NOTED.
 - 50 HOUR PROPELLER HEAT INSPECTION AND OPERATIONAL CHECK. NO DEFETS NOTED.

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Registration N4839R Model No. PA46-500TP Serial No. 4697293 4/18/2018

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AIRFRAME EN	TRY 2.0		
Hour Meter	1332.0		
Total Time	1332.0		
Cycles			
Page 2 of 4			

INSTALLED NEW P/N 327 BULBS IN ELT TEST SWITCH AMD OXYGEN GUAGE POST LIGHTS. REPIRED GROUND CONNECTION ON J316 CONNECTOR FOR THE STATE OF THE SWITCH AMD OXYGEN GUAGE POST LIGHTS. CONNECTION ON J316 CONNECTOR FOR PYRAMID CABINET. OPS CHECKED GOOD.

INSTALLED NEW P/N 327 BULBS IN ELT TEST SWITCH AMD OXYGEN GUAGE POST LIGHTS. REPIRED GROUND CONNECTION ON J316 CONNECTOR FOR PURSUE SWITCH AMD OXYGEN GUAGE POST LIGHTS. REPIRED GROUND

CONNECTION ON J316 CONNECTOR FOR PYRIMID CABINET. OPS CHECKED GOOD. INSTALLED NEW BUS TIE EL PANEL P/N 683-337. OPS CHECKED GOOD. REFERENCE PA46-500TP MM CHAPTER 33-10-00.

INSTALLED NEW FLAP CONTROL DETENT P/N 85116-002. TOUCHED UP PAINT ON RIVETS AND INSTALLED NEW FLAP POSITION PLACARD P/N 683-997. FLAPS OPS CHECKED GOOD.

CLEANED HYDRAULIC FLUID FROM AREA AROUND POWER PACK. CYCLED LANDING GEAR NUMEROUS TIMES. NO LEAKS NOTED FROM POWER PACK. CYCLED LANDING GEAR NUMEROUS TIMES. NO LEAKS NOTED FROM POWER PACK. SMALL LEAK NOTED AT FITTINGS ON NOSE GEAR DOOR SEQUENCE VALVE.

RETORQUED FIFITTINGS. LEAK CHECKED GOOD. REFERENCE PA46-500TP MM 91-10-00. INSTALLED NEW SEALS P/N'S MS28775-227, 485-082 AND 187-628 IN LEFT MAIN LANDING GEAR STRUT. REASSEMBLED STRUT AND SERVICED WITH 5606 FLUID AND NITROGEN. LEAK CHECKED GOOD. REFERENCE PA46-500TP MM 32-10-00. 500TP MM 32-10-00.

REPLACED OUTBOARD SECTION OF RIGHT WING FLAP COVE CHAFE TAPE P/N 380-049.

10. INSTALLED NEW TYGON TUBING P/N 131066-2 ON ENGINE DRIVEN FUEL PUMP DRAIN AND BRAKE RESERVOIR

11. INSTALLED NEW TYGON TUBING P/N 131066-2 ON ENGINE DRIVEN FUEL PUMP DRAIN AND BRAKE RESERVOIR

12. INSTALLED NEW TYGON TUBING P/N 131066-2 ON ENGINE DRIVEN FUEL PUMP DRAIN AND BRAKE RESERVOIR

13. INSTALLED NEW TYGON TUBING P/N 131066-2 ON ENGINE DRIVEN FUEL PUMP DRAIN AND BRAKE RESERVOIR

14. INSTALLED NEW TYGON TUBING P/N 131066-2 ON ENGINE DRIVEN FUEL PUMP DRAIN AND BRAKE RESERVOIR

11. INSTALLED NEW LEFT AND RIGHT BRAKE DISCS P/N 164-07800. REASSEMBLED BRAKES USING NEW LININGS P/N 12. COMB. 12. COMB. 13. COMB. 14. COMB. 15. C 066-06200. OPS CHECKED GOOD. REFERENCE PA46-500TP MM 32-40-00.

-----CONTINUED NEXT PAGE-----

12. COMPLIED WITH ICA FOR STC SA02019SE GTN650 PER GARMIN MANUAL 190-01007-A1 REV. 10.

13. COMPLIED WITH ICA FOR STC SA02019SE GTN650 PER GARMIN MANUAL 190-01007-A1 REV. 10.
14. COMPLIED WITH ICA VISUAL INSPECTION AND #2 GTX330'S PER GARMIN MANUAL 190-01007-A1 REV. 6. 14. COMPLIED WITH ICA FOR STCSA01714WI #1 AND #2 GTX330'S PER GARMIN MANUAL 190-0100734-11 REV. 0.

15. COMPLIED WITH ICA VISUAL INSPECTION OF FLIGHTSTREAM 510 PER GARMIN MANUAL 190-01007-A1 REV. 10.

16. COMPLIED WITH ICA FOR STC SA03370AT OF FLIGHTSTREAM 510 PER GARMIN MANUAL 190-01007-A1 REV. 10.

15. COMPLIED WITH ICA VISUAL INSPECTION OF FLIGHTSTREAM 510 PER GARMIN MANUAL 190-01007-A1 REV. 10.

15. COMPLIED WITH ICA FOR STC SA02279AT LOPRESTI BOOM BEAM PER LOPRESTI DOCUMENT LSM-500-081 REV. D.



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Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293

4/18/2018



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CORRECT HOUR METER AIRFRAME RECORD **ENTRY** 322.0 1332.0 Hour Meter 1332.0 Total Time Cycles Page 3 of 4

16. INSTALLED NEW ELT BATTERY PACK P/N 455-0012, S/N 343273-029. OPS CHECKED GOOD. REFERENCE PA46-500TP MM 25-60-00. BATTERY EXPIRES 5-2024.

17. COMPLIED WITH FAR 91.207(D) ELT INSPECTION AND TEST. NO DEFECTS NOTED. BATTERY DUE REPLACEMENT

5/2024. REFERENCE PA46-500TP MM 25-60-00.

18. INSTALLED NEW TSO COMPLIANT METAL STRAP ELT MOUNTING TRAY P/N 452-3034-1. REFERENCE PA46-500TP MM 25-6-00.

19. CLEANED, LUBRICATED AND ADJUSTED TOP COWLING LATCHES. REFERENCE PA46-500TP MM 71-10-00.

20. REMOVED MINOR SURFACE CORROSION FROM WINDSHIELD RETAINER. ETCHED, ALODINED, PRIMED AND

PAINTED AFFECTED AREAS. REFERENCE PA46-500TP MM 20-20-00 AND 51-10-00. 21. REMOVED ELEVATOR ASSEMBLY, REMOVED THREE STATIC WICK BASES FROM LEFT ELEVATOR. REMOVED MINOR SUBFACE STATIC WICK BASES FROM LEFT ELEVATOR AFFECTED AREAS. SURFACE CORROSION FROM LEFT ELEVATOR. ETCHED, ALODINED, PRIMED AND REPAINTED AFFECTED AREAS. REINSTALLED STATIC WICK BASES AND STATIC WICKS. CHECKED STATIC BALANCE OF THE ELEVATOR ASSEMBLY AND FOUND TO BE WITHIN LIMITS. REINSTALLED ELEVATOR AND VERIFIED PROPER RIGGING. REFERENCE PA46-

500TP MM 20-20-00 AND 55-20-00. 22. REMOVED MINOR SURFACE CORROSION FROM BOTTOM SKIN OF LEFT HORIZONTAL STABILIZER. ETCHED,

ALODINED, PRIMED AND REPAINTED AFFECTED AREAS. REFERENCE PAGE AND REMAINER STATES. REMOVED CAMLOCK FASTENERS FROM FORWARD TOP COWLING AND REMOVED APEAS REINSTALLED FROM AROUND FASTENERS FROM FORWARD TOP COWLING AND REMOVED MINOR SOM ASSET REINSTALLED FASTENERS FROM FORWARD TOP COWLING AND REPAINTED AFFECTED AREAS. REINSTALLED FASTENERS. REFERENCE PA46-500TP MM 20-20-00 AND 71-10-00.

24. REPAINTED LEFT AND RIGHT FUEL CAPS. REFERENCE PA46-500TP MM 20-20-00.

25. INSTALLED NEW LEFT HEATED PITOT HEAD ASSEMBLY P/N 83905-006, S/N A0220. REFERENCE PA46-500TP MM 34-

10-00. LEAK TESTED PITOT/STATIC SYSTEM. REFERENCE PA46-500TP MM 34-10-00. REINSTALLED STANDBY AIRSPEED INDICATOR P/N 25020-1160, S/N 286535A AFTER REPAIR BY MID CONTINENT INSTRUMENTS OF THE PAIR BY MID CONTINENT INSTRUMENT INSTRUMENTS OF THE PAIR BY MID CONTINENT INSTRUMENT IN INSTRUMENTS CRS# OL2R061L UNDER WO# 24043. REFERENCE THEIR 8130-3 FORM DATED 4/16/2018. REFERENCE PA46-500TP MM 39-10-00. LEAK TESTED PITOT/STATIC SYSTEM. REF PA46-500TP MM 34-10-00.

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Registration N4839R Model No. PA46-500TP Serial No. 4697293

4/18/2018

4/18/2018

Date:



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CORRECT N AIRFRAME EN 1322	RY 3.0
Hour Meter	1332.0
Total Time	1332.0
Cycles	
Page	4 of 4

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- 27. COMPLIED WITH PIPER SL 1131, AILERON SECTOR BEARING LUBRICATION IAW LETTER INSTRUCTIONS. NEXT DUE 4/2019 OR 1432.0 HRS
- 28. COMPLIED WITH PIPER SL 1135 BY INSPECTION OF CONTROL CABLES AND PULLIES PER SL ACCOMPLISHMENT INSTRUCTIONS. NO DEFECTS NOTED WITH PIPER SL 1235 BY INSPECTION OF CONTROL CABLES AND PULLIES PER SL ACCOMPLISHMENT
- 29. COMPLIED WITH PIPER SL1202 BY INSTALLATION OF NEW LEFT AND RIGHT MLG ACTUATOR EXTEND HOSES P/N 187-273. P/N 187-273 RETRACTION HOSES WITH PIPER SL1202 BY INSTALLATION OF NEW LEFT AND RIGHT MLG ACTUATOR EXTEND HOSES P/N 187-273. P/N 187-273 RETRACTION HOSES WITH PIPER SL1202 BY INSTALLATION OF NEW LEFT AND RIGHT MLG ACTUATORS. 187-273. P/N 187-273 RETRACTION HOSES HAD BEEN PREVIOUSLY INSTALLED ON LEFT AND RIGHT AND PA46-500TP OPS CHECKED AND LEAK CHECKED GOOD. REFERENCE SL ACCOMPLISHMENT INSTRUCTIONS AND PA46-500TP MM 32-30-00.
- 30. COMPLIED WITH PIPER SB 1204. OPERATING HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE "CATEGORY I, NORMAI LISAGE" AT THIS TIME.
- 31. COMPLIED WITH PIPER SB 1275B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED. DUE EACH 50 HOURS.

Authorized Signature

- 33. COMPLIED WITH PIPER SB 1288A PER PART III REPLACEMENT OF NUTS P/N 404-532.

 INSTRUCTIONS. NO LOOSE RIVETS NOTES OF THE BRACKETS PER PART I OF SB ACCOMPLISHMENT INSTRUCTIONS. NO LOOSE RIVETS NOTES OF THE BRACKETS PER PART I OF SB ACCOMPLISHMENT INSTRUCTIONS. INSTRUCTIONS. NO LOOSE RIVETS NOTED. RIVETS ARE FLUSH RIVETS AND REQUIRE RECURRING INSPECTION
 PER PART I. NEXT DUE AT 1382 0 HRS
- 34. COMPLIED WITH PIPER SB 1306 BY PENETRANT INSPECTION OF RIBS FOR CRACKS. NONE FOUND. INSTALLED KIT ACCOMPLISHED ON LEFT AND RIGHT WITH STALLED REFERENCE SB P/N 88609-002 ON LEFT AND RIGHT WING RIBS. NO FURTHER ACTION REQUIRED. REFERENCE SB ACCOMPLISHMENT INSTRUCTIONS AND KIT DRAWNING. ACCOMPLISHMENT INSTRUCTIONS AND KIT DRAWING 88609 REV. A.

I CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRFRAME IN ACCORDANCE WITH FAR 43
APPENDIX D, AND HAS BEEN DETERMINED TO BE WERE TO BE WER APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is as a supplementary of the repair/inspection is a supplementary of the repair/inspection is as a supplementary of the repair/inspection is as a supplementary of the repair/inspection is as a supplementary of the repair/inspection is a supplemen

SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-4485

Registration No.

Piper	

Registration N4839R Model No. PA46-500TP Serial No. 4697293



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AIRFRAME RECORD **FNTRY** Hour Meter 1322 7

Landings PAGE 1 OF 1

- UPDATED THE SOFTWARE IN THE GTN650'S TO VERSION 6.41 AND THE FLIGHTSTREAM 510 TO VERSION 2.33 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN 1758 REV B. INSERTED FMS 190-01007-A2 REV.7 INTO AFM
- 'UPDATED THE SOFTWARE IN THE GTX330'S TO VERSION 8.04 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN 1804 REV A. INSERTED FMS 190-00734-15 REV. 3 INTO AFM.
- SERVICED OXYGEN TO 1975 PSI IAW PIPER PA-46-500TP MM 35-10-00.
- REMOVED L/H AILERON BROKEN STATIC WICK BASE AND INSTALLED NEW BASE P/N 452-124, FASTENER'S WERE INSTL. I.A.W. AC 43.13-1B PAR 4-57 ITEM F PAGE 4-19 (AND -19A). SHOP STARDARD PRACTICE.
- DRESSED THE LEADING EDGE ON ALL FOUR PROP BLADES. REF PIPER AMM 61-10-00.
- PREPPED AND TOUCHED UP PAINT IN THE ORIGINAL COLOR ON THE LH UPPER COWL AND THE RH WING TIP O/B LEADING EDGE. REF PIPER AMM 20-20-00

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under

Work Order: 11M-4515

Date: 04-27-2018 Authorized Signature: S.HOLLIDAY

Date	Aircraf	t Time	Recorder	
	This Date	Total	Reading	Maintenance
	Brought Forward →			



701 NE 10th St. Hangar 5 Pompano Beach, FL 33060 Ph: (754) 220-5005

LOG BOOK ENTRY

Removed Qty 1 ART-2000 P/N 071-01519-0101 S/N 9465 and replaced by ART-2000 P/N 071-01519-0101 S/N 2389. Worked performed per RDR-2000 Color Weather Radar System Installation Manual Publication number 006-00643-0007 Rev. 8 Dated September 20, 2011.

I certify that the repair and/ or alteration made in the work order have been made in accordance with the requirement of PART 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is true and correct to the best of my knowledge.

AFIT: 1340.1

MAKE Piper MODEL PA46-500TP S/N 4697293

FAA A&P

Date 06/04/2018

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Registration No.

and Remarks

Signature

Certificate No.



Registration	N4839R		
Model No.	PA46-500TP		
Serial No.	4697293		



Leading the Business of Aviation

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Hour Meter Total Time Landings PAGE 1 OF 1

PILOT REPORTS DEICE FAIL CAS MESSAGE. RAN AIRCRAFT AND OPS CHECKED PNEUMATIC DEICE SYSTEM, FOUND TAIL BOOTS NOT INFLATING. TROUBLESHOT AND FOUND THE COMPRESSION FITTING IN THE RIGHT WING FOR THE TUBE THAT FEEDS THE TAIL HAD COME LOOSE. REINSTALLED FITTING AND TIGHTENED. RAN AIRCRAFT AGAIN, OPS CHECK OF AIRFOIL PNEUMATIC DEICE SYSTEM GOOD. WORK PERFORMED REFERENCING PA-46-500TP MAINTENANCE MANUAL CH. 30-10-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under

Work Order: 11M-4571

6-20-2018

Date:

Authorized Signature:

S.HOLLIDAY

Date	Aircraft Time		Recorder	Maintenance
	This Date	Total	Reading	7712

Registration N4839R Model No. PA46-500TP Serial No. 4697293



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Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394 AIRFRAME RECORD **ENTRY**

	7
Hour Meter	1346.7
THE RESERVE OF THE PARTY OF THE	
Total Time	
Landings	
20110113	OF 1
PAGE 1	UF I

- REMOVED ALTERNATOR PN: 602-300 SN: H-L011233 AND INSTALLED NEW ALTERNATOR PN: 602-300 SN: H-R100279 IAW PIPER BASE 50375 AND INSTALLED NEW ALTERNATOR PN: 602-300 SN: H-R100279 IAW PIPER PA46-500TP AMM 42-30-00.
- SERVICED OXYGEN SYSTEM.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is consequently as a restored and Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with accordance with restored and functionally tested in accordance with restored and functional func functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-4582 Work Order: 11M-4592

TOTA OF	der. 11W-4582.			
Date:	6-26-2018	Authorized Signature:	(NIMO)	S.HOLLIDA'
			general (

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Total T	***************************************		
Total To Carry Forward			
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Registration No							
and Remarks	Signature	Certificate No.					
Piper Meridian Replaced deicer boot, installed P/N 4H1601-10 per PA46 MAINTENANCE RELEASE: This aircraft, airframe, aircraft end and inspected in accordance with current regulations of the Ferance approved for return to service. All work was performed in accordance or appliance maintenance manuals and instructions. Perting office W.O. # S003623	deral Aviation Administration Administration Administration and a contract the contract and	rcraft engine					

Date Aircraft Time P			
This Date Total Reading	Maintenance		
Brought Forward			



701 NE 10th St. Hangar 5 Pompano Beach, FL 33060 Ph: (754) 220-5005

LOG BOOK ENTRY N4893R

Removed ART-2000 P/N 071-01519I-0101 S/N 2389 and replaced by ART-2000 P/N 071-01519-0101 S/N ART2000-15095, worked performed per RDR-2000 Color Weather Radar System Installation Manual Publication number 006-00643-0007 Rev. 8 Dated September 20, 2011. I certify that the repair and/ or alteration made in the work order have been made in accordance with the requirement of PART 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is true and correct to the best of

AFTT: 1366.0

MAKE Piper MODEL PA46-300TP S/N 4697293

FAA A&P 2638632 Chris Barcenas

Total To Carry Forward

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Registration No._

and Remarks	3		Sign	ature	Certificate No.	
Pi	ber	Leading the Business of Avia	tion	AIRFRAN EN	/IE R	
Registration	N4839R	Cutter Aviation San Antonio	, Inc.	Hour Mete	er	1371.3
Model No.	PA46-500TP	367 Sandau Rd.	6	Total Time	e	
Serial No. 4697293		San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y		Landings		
	CONTRACTOR OF THE PARTY OF THE	Phone (210) 384-3388 Fax (210)	PAGE 1 OF 1			
2 INSTALLED	NIEW EMEDOENCY	SEAL KIT P/N 88440-002. REF. PIPER Y EXIT DOOR P/N 686-045 SEAL U:	DWG. NO. 88 SING RTV 1	3/ ADHESIVE	IL	INSTALLED

CIVILENCY EXIT DOOR AND ADJUSTED EXIT

SERVICED OXYGEN SYSTEM TO 1850 PSI. PERFORMED 24 HR LEAK CHECK.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-4667.

TOTAL TOTAL

Date: 09-27-2018 Authorized Signature:

S.HOLLIDAY

Dat	MAKE: Pipe MODEL: Pa S/N: 469729 REG. NO: N WORK ORE 0517-11-201	93 14839R DER:	701-2	Diesel Aviation NE 10th St ano Beach, FL 33060 : 754-307-1908			DATE: 11/13/2018 A/C TSN: 1398.4 Landings: HOBBS: 1398.4	aintenance
	Airframe							
	(2) SERVI	CED OXYGEN AS RE	QUIRED PER PA4	6-500 MM CH 12	NO LEAKS DE	ETECTED AT TH	IS TIME.	
	FROFELL	E MM AND INSTRUC	CE WAS REPAIR	ED AND INSPEC	I ED IAVV COIN	ABLE AIRCRAFT ER THIS WORK	, ENGINE, OR ORDER AT AERO	
	DATE: 11/	13/2018	SIGNED: H	das Gr	M	<u>۷</u>	Vork Order: 0517-11-2018	
			ładas Guilboa, A&			Printed by	EBis 3 (datcomedia.com)	
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Registration No.____

and Remarks				Signatu	re	Cert	ificate No.
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-			Cutter Aviation San Anto	nio, Inc.	Hour N	leter	1404.9
Registr	ation	N4839R	367 Sandau Rd.		Total T	ime	
Model I	No.	PA46-500T	San Antonio, Texas 7	8216 7TD401V	Landi	ngs	
Serial N	VO.	4697293	FAA Repair Station No. U Phone (210) 384-3388 Fax (2	10) 384-3394	P	AGE 1	OF 1
 REMOVED CONCORDE AIRCRAFT BATTERY PART NUMBER RG-41, SERIAL NUMBER 40813101. COMPLIE REMOVED CONCORDE AIRCRAFT BATTERY PART NUMBER RG-41, SERIAL NUMBER 40813101. COMPLIED WITH CAPACITY CHECK, BATTERY FAILED 46/60 MINUTES OR 76 PERCENT. COMPLIED CHECK AT 55/6 PROCEDURE AND SUBSEQUENT CAPACITY CHECK. BATTERY PASSED SECOND CAPACITY CHECK AT 55/6 PROCEDURE AND SUBSEQUENT CAPACITY CHECK. BATTERY PASSED SECOND CAPACITY CHECK AT 55/6 PROCEDURE. ALL WORK ACCOMPLISHED IAI MINUTES. OR 91 PERCENT. COMPLIED CP CHARGE PROCEDURE. ALL WORK ACCOMPLISHED IAI MINUTES. OR 91 PERCENT. COMPLIED CP CHARGE PROCEDURE. ALL WORK ACCOMPLISHED IAI MINUTES. OR 91 PERCENT. COMPLIED CP CHARGE PROCEDURE. ALL WORK ACCOMPLISHED IAI MINUTES. OR 91 PERCENT. COMPLISHED IAI							
function	Administ ally tested rder: 111	ration and is app d in accordance	roved for return to service for the work p with mfg's instructions. Pertinent details	of the repair are	on file at tr	iis repai	
Date:	12	-03-2018	Authorized Signature:	Davis,	7		S.HOLLID
-				1			

CONTINUED NEXT PAGE

Avionics Services International..

CRS S78R151N 2025 Airport Rd. Kerrville Texas 78028 9567258898

Date: Apr 26, 2019

Aircraft /Model/S/N

N4839R/PA46/4697293

FAR 91.411 I Certify that the Altimeter and Reporting equipment system has been tested, Inspected, and found to comply will appendices E and F of part 43 of this chapter. The Altimeter and Reporting equipment system has been tested, Inspected, and found to comply will be appendiced to the complex of the c appendices E and F of part 43 of this chapter. The static and reporting system was tested FAR 91.413

I Certify that the ATC transponder system has been tested , Inspected ,and found to comply with paragraph (c) appendix E,of part 43 of this chapter. The intergrated system was tested.

FAR 91.411 AIRDATA EXP5000 S/N 20337376 WAS TEST TO 35,000 FT AND PASS.

FAR 91.411 AIRDATA EXP5000 S/N 20014486 WAS TEST TO 35,000 FT AND PASS.

FAR 91.411 STBY. ALT P/N 16450-1147 S/N 175339A WAS TO 35,000 FT AND PASS. FAR 91.413 TDR#1 GTX330 S/N 84124177 WAS TEST AND PASS.

FAR 91.413 TDR#2GTX330 S/N 84124228 WAS TEST AND PASS.

LEAK RATE 27 FT. A/C TOTAL TIME 1445.6

Workorder No. 6	5215 Date: Apr 26, 2019	Signature
Total To Carry Forward		



1000

Registration	N4839R	
Model No.	PA46-500TP	
Serial No.	4697293	
05-01-2019		



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Hour Meter	1445.6		
Total Time	1445.6		
Cycles	***		
Page 1 of 4			

AIRFRAME RECORD ENTRY

- COMPLIED WITH AN ANNUAL INSPECTION USING THE PIPER PA-46-500TP MAINTENANCE MANUAL CHAPTER 5-20-00 EVENT 1 AND 2 INSPECTION CHECKLISTS AS A GUIDE. PERFORMED POST INSPECTION ENGINE RUNS AND SYSTEM CHECKS WITH ALL INDICATIONS AND OPERATIONS NORMAL.
- COMPLIED WITH THE FOLLOWING PIPER CHAPTER 5-20 SPECIAL INSPECTIONS:
 - 30 DAY/12 MONTH GUAGED FIRE EXTINGUISHER INSPECTION. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 26-20-00
 - 90 DAY INSPECTION OF OXYGEN SYSTEM INSTALLATION FOR LEAKAGE, CORROSION, BULGES, GOUGES CONDITION AND SECURITY, NO DEFECTS FOUND, REF PIPER PA-46-500TP MM 5-30-00.
 - 90 DAY STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION, NO DEFECTS NOTED REF PIPER PA-46-500TP MM 34-20-00.
 - 90 DAY INSTALLED ELT INSTALLED TRANSMITTER OPERATIONAL TEST. NO DEFECTS FOUND. REF PIPER PA. 46-500TP MM 25-60-00.
 - 90 DAY HYDRAULIC FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 12-10-00
 - 90 DAY BRAKE FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 12-10-00
 - 12 MONTH/100 HOUR LUBRICATION ITEMS. REF PIPER PA-46-500TP MM 12-20-00.
 - 12 MONTH GUAGED FIRE EXTINGUISHER INSPECTION. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 26-20. 00
 - 12 MONTH TEST OF PILOT'S OXYGEN MASK. NO DEFECTS NOTED. REF PIPER PA-46-500TP MM 35-10-00
 - 12 MONTH REMOVAL OF HEAT BOOTS AND INSPECTION OF ENGINE MOUNT BOLTS. ALL TORQUE STRIPFS INTACT. NO DEFECTS FOUND, REF PIPER PA-46-500TP MM 5-30-00.
 - 12 MONTH CAPACITY TEST OF STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY. TESTED GOOD REF PIPER PA-46-500TP MM 34-20-00, 39-10-00.
 - 12 MONTH INITIAL BATTERY CAPACITY CHECK ON BATTERY S/N 40813101. BATTERY FAILED INITIAL TEST PERFORMED CONDITIONING CHARGE. BATTERY PASSED SECOND TEST WITH 100% CAPACITY. REFERENCE CONCORDE RG SERIES CMM CHAPTER 24-30-71 AND PA46-500TP MM 24-30-00.
 - COMPLIED WITH THE 24 MONTH CALIBRATION ON THE MAGNETIC COMPASS IN ACCORDANCE WITH THE PA 46-500TP MAINTENANCE MANUAL CHAPTER 34-20-00. INSTALLED NEW COMPASS CORRECTION CARD
 - 24 MONTH/400 HR FUEL PURGE SYSTEM INSPECTION, NO DEFECTS FOUND, REF PIPER PA-46-500TP MM 71-70. - CONTINUED WEXT PAGE



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Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293

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Hour Meter	1445.6			
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- 24 MONTH/500 HOUR INSPECTION OF FUEL PICK UP STRAINERS, FUEL PROBES AND PROBE ELECTRICA CONNECTIONS. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 5-30-00, 28-10-00, 28-40-00.
- 72 MONTH PILOTS OXYGEN MASK OVERHAUL. REMOVED PILOT'S OXYGEN MASK P/N-MC-10-16-105 S/N-120798
 AND INSTALLED OVERHAUI ED OXYGEN MASK OVERHAUL. REMOVED PILOT'S OXYGEN MASK P/N-MC-10-16-105 S/N-120798 AND INSTALLED OVERHAULED OXYGEN MASK OVERHAUL. REMOVED PILOT'S OXYGEN MASK P/N-MC-10-16-105 5/N-12-00. PERFORMED OPERATIONAL CHECK OF MASK P/N- MC-10-16-105 S/N-91204 IAW PIPER AIRCRAFT MM 35-10-00. PERFORMED OPERATIONAL CHECK OF OXYGEN MASK, OP'S CHECK GOOD AT THIS TIME.
- 84 MONTH INTERIOR REMOVAL AND STRUCTURAL INSPECTION. NO DEFECTS FOUND. REF PIPER PA-46-500TP
- 50 HOUR INSPECTION OF OLEO STRUTS FOR PROPER EXTENSION AND LEAKS. NO DEFECTS NOTED. REF PIPER PA-46-500TP MM 12-10-00.
- 50 HOUR PROPELLER HEAT INSPECTION AND OPERATIONAL CHECK. NO DEFETS NOTED. REF PIPER PA-46-500TP MM 30-60-00.
- 500 HOUR CABIN PRESSURIZATION SYSTEM OPERATIONAL CHECK. NO DEFECTS FOUND. REF PIPER PA-46-500TP MM 21-30-00.
- 1000 HOUR REPLACEMENT OF N1 TACH GENERATOR. REMOVED N1 TACH GENERATOR P/N 32005-007 S/N 500TP NAME TALLED OVERHALLED TACK GENERATOR. REMOVED N1 TACH GENERATOR P/PRESERVED PA-46-294679. INSTALLED OVERHAULED TACH GENERATOR. REMOVED N1 TACH GENERATOR P/N 32005-007 S/N 126917. WORK DONE REF PIPER PA-46-1000 NO. 1000 N 500TP MM 77-10-00.
- 1000 HOUR REPLACEMENT OF N2 TACH GENERATOR. REMOVED N2 TACH GENERATOR P/N 32005-007 S/N 294684. INSTALLED OVERHAULED TACH GENERATOR. REMOVED N2 TACH GENERATOR P/N 32005-007 S/N 2005-007 S/N 294684. INSTALLED OVERHAULED TACH GENERATOR. REMOVED N2 TACH GENERATOR P/N 32005-007 S/N 2005-007 S/N 294684. INSTALLED OVERHAULED TACH GENERATOR. REMOVED N2 TACH GENERATOR P/N 32005-007 500TP MM 77-10-00.
- 500TP MM 77-10-00. COMPLIED WITH ELT INSPECTION IAW FAR 91.207(d) NO DEFECTS NOTED AT THIS TIME. ELT P/N 453-6603 S/N 197-11522 COMPLIED VALUE DE SAME 2001 COMPL
- BATT P/N 452-6499 S/N 373723-029 EXP MAY 2024.
- COMPLIED WITH AD 2018-21-14 AMDT. 39-19472 ZODIAC OXYGEN MASK HARNESS PER PARA. (G) IAW ZODIAC SB MIC10-COMPLIED WITH AD 15 N/A BY P/N MC10-16 105 35-274 REV. 2. THIS AD IS N/A BY P/N MC10-16-105.
- COMPLIED WITH PIPER SL 1131, AILERON SECTOR BEARING LUBRICATION IAW LETTER INSTRUCTIONS. NEXT DUE 5COMPLIED WITH PIPER SL 1131, AILERON SECTOR BEARING LUBRICATION IAW LETTER INSTRUCTIONS. 2020 OR 1545.6 HRS.
 - COMPLIED WITH PIPER SL 1135 CONTROL CABLE AND PULLY INSPECTION. REF SL ACCOMPLISHMENT INSTRUCTIONS.

 ANALYSIS AND PULLY INSPECTION. REF SL ACCOMPLISHMENT INSTRUCTIONS. NO DEFECTS NOTED. NEXT DUE AT 1545.6 HRS. AND PULLY INSPECTION. REF SL ACCOMPLISHMENT INSPECTION. REF SL ACCOMPLISHM



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Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293
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AIRFRAME RECORD ENTRY				
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- COMPLIED WITH PIPER SB 1175B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED. DUE EACH 50 HOURS.
- COMPLIED WITH PIPER SB 1204. OPERATING HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE "CATEGORY I, NORMAL USAGE" AT THIS TIME. NEXT DUE 5/2020 OR at 1695.0 HRS.
- COMPLIED WITH PIPER MANDATORY SB1291 EXECUTIVE TABLE PLACARDS REPLACEMENT. INSTALLED KIT P/N 88581-
- 10. COMPLIED WITH PIPER MANDATORY SB1293C ENGINE MOUNT DOUBLER INSTALLATION AND TOWING PLACARDS REPLACEMENT. INSTALLED NEW PLACARDS P/N 88582-701 AND 88582-702 IAW PIPER SB 1293C AND RELATED INSTALLATION DRAWING # 88582 REV. A.
- 11. INSTALLED NEW BELLY DRAIN PLACARDS P/N 656-250 IAW PIPER AIRCRAFT MM11-00-00.
- 12. SKIN STIFFENER ADJACENT TO LEFT AFT MLG AFT TRUNNION PIN IS CRACKED. FABRICTATED 1 EA. REINFORCEMENT ANGLE OUT OF 2024T3.032 ALUM. AND INSTL. WET EA 9309.3 NA HYSOL, ON LEFT AFT MLG AFT TRUNRION I.A.W. AC. 43.13-1B PAR 4-59 PAGE 4-40 ITEM A&B. FASTENER INSLT. I.A.W.AC 43.13-1B PAR 4-57 PAGE 4-16 ITEM (4) & B.
- INSTALLED NEW AIR CONDITIONER COMPRESSOR DRIVE BELT P/N 73965-024. REF PIPER PA-46-500TP MM 21-50-00.
- 14. INSTALLED NEW INLET VACUUM HOSE P/N 101558-005 AND NEW OUTLET VACUUM HOSE P/N 101558-064. REF PIPER PA-46-500TP MM 37-00-00.
- 15. SHIMMED THE LEFT MAIN GEAR UPPER TRUNION WITH SHIM P/N 83698-002. REF PIPER PA-46-500TP MM 32-10-00.
- 16. INSTALLED NEW LEFT AND RIGHT UPPER AND LOWER TORQUE LINK BUSHINGS P/N 67026-007, BEARING P/N452-857, AND BOLT P/N 691-315. TORQUED AND SAFETIED. REF PIPER PA-46-500TP MM 32-10-00.
- 17. INSTALLED NEW LEFT BRAKE INSULATOR SHIM P/N 765-489. REF PIPER PA-46-500TP MM 32-40-00.
- 18. INSTALLED NEW LEFT MAIN WHEEL OUTBOARD GREASE SEAL P/N154-00300. REF PIPER PA-46-500TP MM 32-40-00, p.
- 19. INSTALLED NEW FUEL LINE COUPLING P/N 84013-142 ON THE COUPLING IN THE LH WHEEL WEEL ADJACENT TO THE FLAP IDLER. RE PIPER PA-46-500TP MM 20-00-00.
- 20. INSTALLED NEW CABIN DOOR LOCK ASSEMBLY P/N-100586-032 IAW PIPER PA-46-500TP MM 20-00-00.

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AIRFRAME RECORD ENTRY			
Hour Meter Total Time	1445.6 1445.6		
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COMPLIED WITH ICA FOR STC SA02279AT LOPRESTI BOOM BEAM NOSE GEAR MOUNTED HID LIGHTING. WORK WAS DONE REFERANCING LOPRESTI MANUAL LSM-500-081 REV. E. NO DEFECTS FOUND. COMPLIED WITH 12 MONTH VISUAL INSPECTION ICA FOR STC SA2019SE-D GTN650 IAW GTN 650 SYSTEM MM P/N 190-

01007-A1. NO DEFECTS FOUND.

COMPLIED WITH ICA FOR STC SA01714WI #1 AND #2 GTX33ES UPGRADE TO ADS-B OUT. REF GARMIN MANUAL 190-00734-11 REV 6. NO DEFECTS FOUND.

COMPLIED 12 MONTH VISUAL ICA INSPECTION OF FLIGHTSTREAM 510 INSTALLATION. GARMIN MANUAL 190-01007-A1.

NO DEFECTS FOUND.

AIRCRAFT MM 20-00-00 AND PIPER AIRCRAFT MM 25-20-00.

COMPLIED WITH THE 24 MONTH GRS77/GMU44 MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MANUFACTURE AND MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MAGNETOMETER CALIBRATION ON THE #1 AND #2 SYSTEMS IN ACCORDANCE WITH THE PA-46-500TB MAGNETOMETER ACCORDANCE WITH THE PA-46-500TP MAINTENANCE MANUAL CHAPTER 34-20-00. REMOVED 6 LIFE JACKETS P/N 3505-135-12. S/N US0700047, O0902207, US0112992, US0117825, US0805545, P0509015.

INSTALLED 6 NEW P/N P01074-101 S/N 18121060012, 18121060013, 18121060014, 18121060015, 18121060016, 181210600 17. REMOVED AND REINSTALLED LIFE PAET P(1) 14121060012, 18121060013, 18121060014, 18121060015, 18121060015, 18121060016, 18121060 REMOVED AND REINSTALLED LIFE RAFT P/N 1400-3 S/N 2571CZ AFTER RECERTIFICATION AND BOTTLE HYDROSTATIC

TEST WAS PERFORMED BY SAFETECH CRS# WVIR599K UNDER THEIR WO# W201903314. CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRFRAME IN ACCORDANCE WITH FAR 43 PRINCE OF THE PROPERTY OF THE PPENDIX D. AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. ertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-4872.

05-01-2019

Authorized Signature

S.HOLLIDAY

Registration	No		
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and Remarks		Signature	Certificațe No.
MAKE: Piper Aircraft Inc MODEL: Pa46-500tp S/N: 4697293 REG. NO: 4839R WORK ORDER: 0619-05-2019	Aero Diesel Aviation 701-2 NE 10th St Pompano Beach, FL 33060 Phone: 754-307-1908	DATE: 5/29/2 A/C TSN: 14: Landi HOBBS: 14:	51.6 ngs:
CHECKED FOR FUNCTION	LLED NEW BATTERY P/N 601-910 SER.#41014115 IAW IS OPS CHECK SATISFACTORY.		
PROPELLER, AND/OR APP	IN REFERENCE TO THE WORK PERFORMED, THIS A PLIANCE WAS REPAIRED AND INSPECTED IAW CURR L WORK WAS PERFORMED IAW CURRENT APPLICAL RUCTIONS. PERTINENT DETAILS ARE ON FILE UNDER	RI E AIRCRAFT ENGINE OR	
DATE: 5/29/2019	SIGNED: Alex Bristol, A&P: 580256241	Printed by EBis 3 (datcomedia.cc	

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		Werk Order: 0659-07-2019		1/20/1	SIGNED	DATE: 7/19/2019	_
						DIESEL AVIATION.	
	1	HIS WORK ORDER AT AERO	LVIZOROTZAROZ	DAGGERAL DE LAIGNELL	INSTRUCTIONS: FER	ANK ININ 30NAI IGGA	_
		F NRCRAFT, ENGINE, OR S AIRCRAFT, ENGINE, OR THIS WORK ORDER AT AEDO	NKKENT APPLICABLE	ERFORMED IAW CU	S. ALL WORK WAS PER	IS APROVED FOR RI	
		CRAFT AIRFRAME, ENGINE, IT REGULATIONS OF THE FAA AND BO SHIGHAFT, ENGINE, OR	ECTED IAW CURREN	IASNI DNA DARIA	R APPLIANCE WAS RI	MAINTENANCE KELE	
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				HIND TIME.	DEFECTS ARE NOTE	SATISFACTORY NO	
		52-10. OPS CHECK IS	PIPER PA-46 MM CH-	1 \\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	MINITH HEIM PIGGO	FI AP I KACKO VVII	
		E; CLEANED AND LUBRICATED FECTS ARE NOTED AT THIS 52-10. OPS CHECK IS	WM-CH-12-20, NO DE	HELL#7) IAW PA-46	SUBBVICCES O III.	HOBBS: 1400.0041	_
			INIT 21HT TA TIVIA IQ	MOD BENOTSHE	TIME: 1458.5		
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		HOBBS: 1460		Phone: 754-307-1908		BEG, NO. NATORELL	
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		9103/917(T : ETAC 918341 : NST O'A	110	Aero Diesel Aviati		MAKE: Piper Aircraft Inc	
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Registration No.____

and Remarks		Signature	Certificate No.
Avionics Enterprise	701 NE 10 th St. Hangar 5 Pompano Beach, FL 33060 Ph: (754) 220-5005		
	LOG BOOK ENTRY N4893R		
0101 S/N 8405, worked	Removed ART-2000 P/N 071-01519I-0101 S/N ART2000-15095 and replaced by ART-2000 P/N 071-01519-0101 S/N 8405, worked performed per RDR-2000 Color Weather Radar System Installation Manual Publication number 006-00643-0007 Rev. 8 Dated September 20, 2011. I certify that the repair and/ or Publication made in the work order have been made in accordance with the requirement of PART 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is true and correct to the best of my knowledge. AFTT: 1463. MAKE Piper MODEL PA46-5007P S/N 4697293 Date 08/28/2019		
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Piper	

Registration N4839R

Model No. PA46-500TP

Serial No. 4697293



Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394 AIRFRAME RECORD ENTRY **33.**

Hour Meter	1469.8
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PAGE 1	OF 1

1. INSPECTED LH AND RH BRAKES. PERFORMED DIMENSIONAL CHECK OF WEAR PARTS AND VISUAL INSPECTION OF CALIPER PISTONS. L/H BRAKE DISC WEAR .466 IN. R/H BRAKE DISC WEAR .464 IN. MINIMUM IS .450. L/H BRAKE LININGS WEAR .172 IN. R/H BRAKE LININGS WEAR .159 IN. MINIMUM IS .100. BRAKES HAVE SUFFICIENT MATERIAL TO CONTINUE SERVICE. REASSEMBLED BRAKES. SET PARKING BRAKE UNDER PRESSURE TO CONDUCT LEAK CHECK. LEAK CHECK GOOD. WORK DONE I.A.W. PIPER PA-46-500TP MM CH. 32-40-00 P.7-13

REMOVED EXISTING RADAR P/N 071-01519-0101 S/N 8405 FROM AIRCRAFT. REMOVED ANTENNA ARRAY P/N 071-01549-0100 S/N 4816 FROM RADAR P/N 071-01519-0101 S/N 8405. INSTALLED RADAR ANTENNA P/N 071-01549-0100 S/N 4816 ONTO MODIFIED RADAR P/N 071-01519-0101 S/N 2651. REFERENCE PIPER PA-46-500TP MM 34-40-00. NO DEFECTS NOTED

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-5061

Date:

09-30-2019

Authorized Signature:

Dung

S.HOLLIDAY

Registration No.____

and Remarks	Signature	Certificate No
MAKE: Piper Aircraft Inc MODEL: Pa46-500tp S/N: 4697293 REG. NO: N4839R WORK ORDER: 0718-10-2019 Aero Diesel Aviation 701-2 NE 10th St Pompano Beach, FL 33060 Phone: 754-307-1908	DATE: 10/31/2019 A/C TSN: 1497.1 Landings: — HOBBS: 1497.1	
Airframe Entries (2) REPOSITIONED AND SECURED INSTRUMENT PANEL WIRING HARNESS FROM LH AIL CHECK IS SATISFACTORY; NO DEFECTS NOTED AT THIS TIME(3) REMOVED AND REP. CHECK IS SATISFACTORY; NO DEFECTS NOTED VACUUM TEST AND CHARGED SYSTEM W DISCHARGE FREON LINES A/R. PERFORMED VACUUM TEST AND CHARGED SYSTEM W DISCHARGE FREON LINES A/R. PERFORMED VACUUM TEST AND CHARGED SYSTEM W DIAW PIPER PA.46-500-TP MM CH-21-50 OPS CHECK IS SATISFACTORY; NO DEFECTS NO REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA1305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH ON HYDRAULIC POWER PACK P/N: 1FA130F305939- REPLACED DOWN PRESSURE SWITCH P/N: 1FA130F305939- REPLACED DOWN PRESSURE P/N: 1FA130F3059- REPLACED DOWN PRESSURE P/N: 1FA130F3059- REPLACED P/N: 1FA130F3059- REPLA	TED AT THIS TIME(4)	
MM CH-29-10. GEAR RETRACTION TEST COMM ==================================	AIDEDAME ENGINE -	
MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT PROPELLER, AND/OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT RECEIVED FOR RTS. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRC APPLIANCE MM AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE UNDER THIS WAS APPLIANCE MM AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE UNDER THIS WAS APPLIANCE MM AND INSTRUCTIONS.		
CICNESS / ALT	Work Order: 0718-10-2019 ted by EBis 3 (datcomedia.com)	

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	Registration	N4839R	
	Model No.	PA46-500TP	
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4697293

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AIRFRAME RECORD **ENTRY**

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PAGE 1 OF 1	

- REMOVED L/H TIRE P/N-606C86-6 S/N-61562437 AND INSTALLED NEW TIRE P/N-606C86-6 S/N-82152202. REMOVED R/H TIRE P/N- 606C86-6 S/N- 61562118 AND INSTALLED NEW TIRE P/N-606C86-6 S/N- 90242225. ALL WORK DONE REFERENCE PIPER PA-46-500TP MM 7-10-00 AND MM 32-40-00. SERVICED TIRES REFERENCE PIPER PA-46-500TP MM 12-10-00.
- SERVICED OXYGEN SYSTEM TO 1850 PSI. REFERENCE PIPER PA-46-500TP MM 35-10-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under

Dato:	
Date:	

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Authorized Signature:

S.HOLLIDAY

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AVIONICS ENTERPRISE

701 NE 10th St. Hangar 5 Pompano Beach, FL 33060 Ph: (754) 220-5005

LOG BOOK ENTRY N4839R

Installed Equipment:

- (1) Bendix/King ART-2000 P/N 071-01519-0101 S/N 9678
- (1) Bendix/King RDR Vertical Antenna AA-2010V P/N 071-01549-0100 S/N 2294

Removed Equipment:

- (1) Bendix/King ART-2000 P/N 071-01519-0101 S/N 2651
- (1) Bendix/King RDR Vertical Antenna AA-2010V P/N 071-01549-0100 S/N 4816

Worked performed per RDR-2000 Color Weather Radar System Installation Manual Publication number 006-00643-0007 Rev. 8 Dated September 20, 2011.I certify that the repair and/ or alteration made in the work order have been made in accordance with the requirement of PART 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is true and correct to the best of my knowledge. This aircraft is approved for returned to service.

CAFTT: 1522.0

MAKE <u>Piper</u> MODEL <u>PA46-500TP</u> S/N <u>4697293</u>

Talat Mohammed FAA A&P / IA 153768645_

Date 01/14/2020

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Aircraft Time Recorder Maintenance Date Readina This Date Total



701 NE 10th St. Hangar 5 Pompano Beach, FL 33060 Ph: (754) 220-5005

LOG BOOK ENTRY N4839R

Installed Equipment:

(1) Garmin International GTX-345 P/N 011-03302-00 S/N 3EG031937 ADS-B In/Out Transponder

Removed Equipment:

(1) Garmin International GTX-330ES P/N 011-00455-60 S/N 84124177 Transponder Non-Diversity

International Part 23 AML STC SA01714WI Installation Manual No. 190-00734-10 Rev. 14 Dated December 2019. Instruction for continued airworthiness are found in the Garmin GTX 33X and GTX 3X5 Airplane Maintenance Manual No. 190-00734-11, Rev 7 Dated July 2019. Flight Manual Supplement No. 190-00734-15 Revision 4, Dated August 2019 was updated in Aircraft Flight Manual. I certify that the repair and/ or alteration made in the work order have been made in accordance with the requirement of PART 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is true and correct to the best of my knowledge. This aircraft is approved for returned to service.

MAKE Piper MODEL PA46-500TP S/N 4697293

Stanley Zak FAA A&P / IA 453715441

Date 02/19/2020

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04-15-2020



AIRFRAME RECORD ENTRY

Cutter Aviation San Antonio. Inc. Registration N4839R 367 Sandau Rd. Model No. San Antonio, Texas 78216 PA46-500TP FAA Repair Station No. U7TR491Y Serial No. 4697293 Phone (210) 384-3388 Fax (210) 384-3394

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COMPLIED WITH AN ANNUAL INSPECTION USING THE PIPER PA-46-500TP MAINTENANCE MANUAL CHAPTER 5-20-00 EVENT 1 AND 2 INSPECTION CHECKLISTS AS A GUIDE. PERFORMED POST INSPECTION ENGINE RUNS AND SYSTEM CHECKS WITH ALL INDICATIONS AND OPERATIONS NORMAL.

COMPLIED WITH THE FOLLOWING PIPER CHAPTER 5-20 SPECIAL INSPECTIONS:

- 30 DAY/12 MONTH FIRE EXTINGUISHER INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM
- 90 DAY INSPECTION OF OXYGEN CYLINDER INSTALLATION FOR LEAKAGE, CORROSION, BULGES, GOUGES, CONDITION AND SECURITY. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM 5-30-00.
- 90 DAY STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION. NO DEFECTS NOTED.
- 90 DAY INSTALLED ELT INSTALLED TRANSMITTER OPERATIONAL TEST. NO DEFECTS FOUND. REFERENCE
- 90 DAY HYDRAULIC FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM 12-
- 90 DAY BRAKE FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM 12-10-00.
- 12 MONTH/100 HOUR LUBRICATION ITEMS. REFERENCE PIPER PA-46-500TP MM 12-20-00.
- 12 MONTH TEST OF PILOT'S OXYGEN MASK. NO DEFECTS NOTED. REFERENCE PIPER PA-46-500TP MM 35-10-
- 12 MONTH REMOVAL OF HEAT BOOTS AND INSPECTION OF ENGINE MOUNT BOLTS. ALL TORQUE STRIPES INTACT. NO DEFECTS FOUND, REFERENCE PIPER PA-46-500TP MM 5-30-00.
- 12 MONTH CAPACITY TEST OF EMERGENCY POWER SUPPLY P/N 501-1682-01 S/N 80238. TESTED GOOD. REFERENCE PIPER PA-46-500TP MM 34-20-00.

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Registration N4839R Model No. PA46-500TP Serial No. 4697293

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- 50 HOUR INSPECTION OF OLEO STRUTS FOR PROPER EXTENSION AND LEAKS. NO DEFECTS NOTED.

 REFERENCE PIPER PA-46-500TP MM 12 10 22
- 50 HOUR PROPELLER HEAT INSPECTION AND OPERATIONAL CHECK. NO DEFETS NOTED. REFERENCE PIPER PA-46-500TP MM 30-60-00.
- 300 HOUR FIXED OXYGEN CYLINDER INSPECTON, NO DEFECTS NOTED, REFERENCE PA-46-500TP MM 35-10-00.

 300 HOUR STARTER/GENERATOR INSPECTON, NO DEFECTS NOTED, REFERENCE PA-46-500TP MM 35-10-00.
- 300 HOUR STARTER/GENERATOR INSPECTION AND CLEAN BRUSHES. NO DEFECTS NOTED. REFERENCE PA-46-500TP MM 24-30-00.
- 400 HOUR FUEL PURGE SYSTEM INSPECTION REFERENCE PA-46-500TP MM 71-70-00, NO DEFECTS NOTED.
 500 HOUR CABIN PRESSURIZATION OF THE PROPERTY OF TH
- 500 HOUR CABIN PRESSURIZATION SYSTEM OPERATIONAL CHECK. NO DEFECTS NOTED.
 PA-46-500TP MM 21-30-00.
- COMPLIED WITH ELT INSPECTION IAW FAR 91.207(d) NO DEFECTS NOTED AT THIS TIME. ELT P/N 453-6603 S/N 197-11522

 COMPLIED WITH ELT INSPECTION IAW FAR 91.207(d) NO DEFECTS NOTED AT THIS TIME. ELT P/N 453-6603 S/N 197-11522

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- COMPLIED WITH PIPER SL 1135 CONTROL CABLE AND PULLY INSPECTION. REFERENCE THE SL ACCOMPLISHMENT INSTRUCTIONS. NO DEFECTS NOTED. NEXT DUE AT ANY PULLY INSPECTION. REFERENCE THE SL ACCOMPLISHMENT INSTRUCTIONS. NO DEFECTS NOTED. NEXT DUE AT 1644.7 HRS.



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04-15-2020

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Hour Meter 1544.7 Total Time 1544.7 Cycles

AIRFRAME RECORD ENTRY

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- COMPLIED WITH PIPER SB 1175B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED. DUE EACH 50 HOURS. COMPLIED WITH PIPER SB 1204. OPERATING HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE "CATEGORY I.
- NORMAL USAGE" AT THIS TIME. NEXT DUE 4/2021 OR at 1644.7 HRS.
- REMOVED EXISTING NAVIGATION AND STROBE LIGHT ASSEMBLIES ON THE LH AND RH WING. INSTALLED NEW NAV AND STROBE ASSEMBLIES USING KIT P/N 88508-002 IAW PIPER DWG # 88508 REV. C. OPS CHECK GOOD. REINSTALLED L/R STROBE POWER SUPPLIES AND CLOSED POWER SUPPLY ACCESS PANELS. WING STROBE LIGHT OPS CHECK
- REMOVED THE STANDBY ATTITUDE INDICATOR P/N 5040035923, S/N 504003592325137, INSTALLED OVERHAULED STANDBY ATTITUDE INDICATOR P/N 5040035923 S/N 504003592325137. REFERENCE PIPER PA-46-500TP AMM 39-10-00. REMOVED AND REINSTALLED THE STANDBY AIRSPEED INDICATOR P/N 25020-1160, S/N 286535A AFTER INSPECTION
- AND TESTING WAS PERFORMED BY PACIFIC SOUTHWEST INSTRUMENTS CRS# KD3R627L UNDER THEIR WO# 336288 SEE THEIR 8130-3 DATED 01/APR/2020. WORK DONE REFERENCE PIPER PA-46-500TP MM 39-10-00. LEAK CHECK GOOD. REMOVED FAILED RUDDER TRIM ACTUATOR P/N A0510 REV.C S/N 145 AND INSTALLED REPAIRED TRIM ACTUATOR P/N
- A0510 REV. D. S/N 005100. REFERENCE PA-46-500TP MM 27-00-00 AND 27-20-00. OPS CHECK GOOD.
- REMOVED ENGINE CONTROL KNOBS AND REMOVED POWER LEVER BACKLIGHT PLACARD. SOLVENT CLEANED SURFACES AND INSTALLED NEW PLACARD P/N 102375-002 REINSTALLED KNOBS AND PERFORMED OPERATIONAL
- CHECK OF THE LIGHTS, NO DEFECTS NOTED. 14. INSTALLED NEW PILOTS SEAT LUMBER AIR PUMP P/N 686-208. REFERENCE PA-46-500TP MM 25-10-00. PERFORMED
- OPERATIONAL CHECK, NO DEFECTS NOTED. INSTALLED NEW ELT REMOTE SWITCH P/N 345-6169-04 S/N 384942-051 USING EXISTING FASTENERS. PERFORMED
- OPERATIONAL CHECK OF THE ELT REMOTE SWITCH REFERENCE PA-46-500TP AMM 25-60-00.

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Registration N4839R Model No. PA46-500TP Serial No. 4697293

04-15-2020

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AIRFRAME RECORD ENTRY

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Page 4 of 5		

16. INSTALLED NEW SOCKETS P/N 350689-3 AND REATTACHED OXYGEN BOTTLE #3 CONNECTOR J321. REFERENCE PA-46-500TP MM 91-35-10 500TP MM 91-35-10.

17. ADJUSTED PITCH TRIM SERVO CABLE TENSION TO 31LBS AND INSTALLED NEW LOCK CLIPS P/N MS21256-1 REFERENCE

PA-46-500TP MM 22-10-00.

18. ADJUSTED ELEVATOR CABLE TENSION TO 33 LBS. INSTALLED NEW LOCK CLIPS P/N MS21256-1. REFERENCE PA-46-500TP MM 27-00 00 500TP MM 27-00-00.

19. ADJUSTED AILERON CONTROL CABLE TENSION TO 30 LBS. INSTALLED NEW LOCK CLIPS P/N MS21256-1 REFERENCE PA-46500TP MM 27-00-00 PA-46500TP MM 27-00-00.

20. REMOVED LOWER COMM ANTENNA P/N CI-139 S/N 161169. INSTALLED NEW ANTENNA P/N CI-139 S/N 627208

REFERENCE PIPER PA-46-500TP MM 23-10-00. OPS CHECK GOOD.

INSTALLED NEW LOWER FUSELAGE DRAIN PLACARDS P/N 656-250.

INSTALLED NEW STATIC DRAIN PLACARDS P/N 656-238 ON LOWER FUSELAGE. 23. REMOVED AND REPLACED LAMPS IN ELEVATOR TRIM POST LAMP, VOR POST LAMP, CABIN PRESSURE SWITCH POST LAME, O2 GAUGE POST LAMP, AND OTHER TRIM POST LAMP, VOR POST LAMP, CABIN PRESSURE SWITCH POST LAME, O2 GAUGE POST LAMP, AND OTHER TRIM POST LAMP, VOR POST LAMP, CABIN PRESSURE SWITCH POST LAMP. LAME, O2 GAUGE POST LAMP AND STANDBY COMPASS INTERNAL LAMP, REPLACED WITH NEW LAMPS PIN GE365 IAW PIPER PA-46-500TP AMM 33-10-00 PIPER PA-46-500TP AMM 33-10-00.

24. COMPLIED WITH ICA FOR STC SA02279AT LOPRESTI BOOM BEAM NOSE GEAR MOUNTED HID LIGHTING. WORK WAS DONE REFERANCING LOPRESTI MANUAL LOPRESTI BOOM BEAM NOSE GEAR MOUNTED HID LIGHTING.

DONE REFERANCING LOPRESTI MANUAL LSM-500-081 REV. E. NO DEFECTS FOUND.





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Serial No.	4697293
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AIRFRAME RECORD ENTRY Hour Meter 1544.7 1544.7 Total Time Cycles Page 5 OF 5

- 25. COMPLIED 12 MONTH VISUAL ICA INSPECTION OF FLIGHTSTREAM 510 INSTALLATION. GARMIN MANUAL 190-01007-A1.
- 26. REMOVED L/H AND R/H MAIN GEAR OLEO ASSEMBLY. REPACKED USING NEW ORINGS P/N MS28775-127, WIPER P/N 18-628 AND SEAL P/N 485-082. REINSTALLED MAIN GEAR OLEO ASSEMBLIES. REFERENCE PIPER PA-46-500TP MM 32-10-00. SERVICED LH AND RH MLG STRUTS WITH 5606 FLUID AND NITROGEN. REFERENCE PIPER PA-46-500TP AMM 12-10-00. 27. INSTALLED 5 NEW STATIC WICKS P/N 456-904 ON (2) LEFT AND (3) RIGHT AILERONS. BOND CHECK GOOD @ 0.2 OHMS.

REFERENCE PIPER PA-46-500TP AMM 23-60-00.

I CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRFRAME IN ACCORDANCE WITH FAR 43 APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-5219.

Date:	04-15-2020	Authorized Signature	Ha	Wil	S.HOLLIDA

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Registration	N4839R
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Cutter Aviation San Antonio, Inc. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394 AIRFRAME RECORD **FNTRY**

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PAGE 1	OF 1

PERFORMED BATTERY CAPACITY CHECK. BATTERY FAILED FIRST CAPACITY CHECK AT 46 MIN. PLACED BATTERY ON CI CHARGE. COMPLIED WITH SECOND CAP CHECK. BATTERY PASSED AT 100%. REINSTALLED BATTERY PN RG-41 S/N 41014115. WORK WAS DONE REFERENCING PIPER PA-46-500TP MM 24-30-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with current regulations of the variable and functionally tested in accordance with current regulations of the variable and functionally tested in accordance with current regulations of the variable and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M 5465 Work Order: 11M-5461

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-	Date:	12	2/17/2020	Authorized Sigr	nature:	Brogs	B Tanis
-	Total T					The second secon	APPENDED TO THE PERSON OF THE
	Total To Carry For	rward					



Registration	N4839R			
Model No.	PA46-500TP			
Serial No.	4697293			
5-04-2021				



Leadina the Business of Aviation

Cutter Aviation San Antonio, Inc. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388

Hour Meter	1597.1	
Total Time	1597.1	
Cycles		
Page 1 of 3		

AIRFRAME RECORD ENTRY

- COMPLIED WITH AN ANNUAL INSPECTION USING THE PIPER PA-46-500TP MAINTENANCE MANUAL CHAPTER 5-20-00 EVENT 1 AND 2 INSPECTION CHECKLISTS AS A GUIDE. PERFORMED POST INSPECTION ENGINE RUNS AND SYSTEM CHECKS WITH ALL INDICATIONS AND OPERATIONS NORMAL.
- COMPLIED WITH THE FOLLOWING PIPER CHAPTER 5-20 SPECIAL INSPECTIONS:
 - 30 DAY/12 MONTH FIRE EXTINGUISHER INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP
 - 90 DAY INSPECTION OF OXYGEN CYLINDER INSTALLATION FOR LEAKAGE, CORROSION, BULGES, GOUGES, CONDITION AND SECURITY. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM 5-30-00.
 - 90 DAY STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY INSPECTION. NO DEFECTS NOTED.
 - REFERENCE PIPER PA-46-500TP MM 34-20-00. 90 DAY INSTALLED ELT INSTALLED TRANSMITTER OPERATIONAL TEST. NO DEFECTS FOUND. REFERENCE
 - 90 DAY HYDRAULIC FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM

 - 90 DAY BRAKE FLUID LEVEL INSPECTION. NO DEFECTS FOUND. REFERENCE PIPER PA-46-500TP MM 12-10-
 - 12 MONTH/100 HOUR LUBRICATION ITEMS. REFERENCE PIPER PA-46-500TP MM 12-20-00.
 - 12 MONTH TEST OF PILOT'S OXYGEN MASK. NO DEFECTS NOTED. REFERENCE PIPER PA-46-500TP MM 35-
 - 12 MONTH REMOVAL OF HEAT BOOTS AND INSPECTION OF ENGINE MOUNT BOLTS. ALL TORQUE STRIPES INTACT. NO DEFECTS FOUND, REFERENCE PIPER PA-46-500TP MM 5-30-00.
- 12 MONTH CAPACITY TEST OF EMERGENCY POWER SUPPLY P/N 501-1682-01 S/N 80238. TESTED GOOD.

checks good Subjected unus in a navy in any

NOTES



Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293
5-04	-2021

Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388

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T	Hour Meter	1597.1
1	Total Time	1597.1
	Cycles	
	Pa	ge 2 of 3

AIRFRAME RECORD ENTRY

- 24 MONTH FUEL STRAINER INSPECTION. REFERENCE PIPER PA-46-500TP MM 5-30-00. NO DEFECTS NOTED.
- 24 MONTH FUEL PURGE SYSTEM INSPECTION AND CLEANING. REFERENCE PA-46-500TP MM 71-70-00.
- 50 HOUR INSPECTION OF OLEO STRUTS FOR PROPER EXTENSION AND LEAKS. NO DEFECTS NOTED. REFERENCE PIPER PA-46-500TP MM 12-10-00.
- 50 HOUR PROPELLER HEAT INSPECTION AND OPERATIONAL CHECK. NO DEFETS NOTED. REFERENCE PIPER PA-46-500TP MM 30-60-00.
- COMPLIED WITH 12 MONTH ICA INSPECTION FOR STC SA02279AT LOPRESTI BOOM BEAM NOSE GEAR MOUNTED HID LIGHTING. REFERANCING LOPRESTI MANUAL LSM-500-081 REV. E. NO DEFECTS FOUND.

COMPLIED WITH 12 MONTH INSPECTION OF THE GTX345 AND GTX330ES IN ACCORDANCE GARMIN STC SA01714WI ADS-

B MAINTENANCE MANUAL P/N 190-00734-11 REV 7.

- COMPLIED WITH THE 12 MONTH INSPECTION OF THE GTN650'S AND FS510 IN ACCORDANCE WITH THE INSTRUCTIONS FOR CONTINUED AIRWORTHINGS IN THE GTN650'S AND FS510 IN ACCORDANCE WITH THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IN THE SYSTEM MAINTENANCE MANUAL GTN6XX/7XX PART 23 AML STC MANUAL P/N 190-01007-A1 REV 13 190-01007-A1 REV 12.
- COMPLIED WITH ELT INSPECTION IAW FAR 91.207(d) NO DEFECTS NOTED AT THIS TIME. ELT P/N 453-6603 S/N 197-11522
 BATT P/N 452-6499 S/N 372723 2020 FV9 BATT P/N 452-6499 S/N 373723-029 EXP MAY 2024.
- COMPLIED WITH PIPER SL 1131A, AILERON SECTOR BEARING LUBRICATION IAW THE SERVICE LETTER INSTRUCTIONS.
 NEXT DUE 5-2022 OR 1597 1 HDS. NEXT DUE 5-2022 OR 1697.1 HRS.
- COMPLIED WITH PIPER SL 1135 CONTROL CABLE AND PULLY INSPECTION. REFERENCE THE SL ACCOMPLISHMENT INSTRUCTIONS NO DEFECTS NOTED TO THE STATE OF THE ST INSTRUCTIONS. NO DEFECTS NOTED. NEXT DUE AT 1697.1 HRS.

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- 3		•
	Registration	N4839R
	Model No.	PA46-500TP
	Serial No.	4697293
- 1		



Leading the Business of Aviation

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AIRFRAME F	RECORD ENTRY	
Hour Meter	1597.1	
Total Time	1597.1	
Cycles		
Page 3 of 3		

- COMPLIED WITH PIPER SB 1175B BY INSPECTION OF PILOT'S SIDE WINDOW. NO CRACKS NOTED. DUE EACH 50 HOURS. 10. COMPLIED WITH PIPER SB 11/5B BT INSPECTION OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE "CATEGORY I,
- 11. COMPLIED WITH PIPER SL1286C NOSE LANDING GEAR STEERING COMPONENTS INSPECTION AND AJUSTMENT. NO
- 12. REPLACED SEVERAL SHEARED CHERRY MAX RIVET HEADS ON R/H WING TO FUSELAGE FAIRING.
- 13. INSTALLED NEW STATIC DISCHARGERS ON RUDDER AND OUTBOARD RIGHT ELEVATOR P/N 546-904. DURING THE REPLACEMENT OF THE RIGHT INBOARD DISCHARGER THE BASE WAS DETERMINED TO BE DEFECTIVE. REMOVED BASE, INSTALLED NEW BASE P/N 542-124 AND NEW DISCHARGER P/N 546-904.
- 14. SHIMMED THE L/H AND R/H MLG TRUNIONS (.002). REFERENCE PIPER PA-46-500TP MM 32-10-00. 15. INSTALLED A NEW L/H MAIN WHEEL INBOARD GREASE SEAL P/N 153-00400. WORK WAS DONE REFERENCING
- 16. REMOVED THE STANDBY ALTIMETER P/N 16450-1147 S/N 175339A INSTALLED REPAIRED ALTIMETER P/N 16450-1147 S/N 170886 IN ACCORDANCE WITH THE PA-46-500TP MAINTENANCE MANUAL CHAPTER 39-10-00.

170886 IN ACCORDANCE WITH THE PA-46-500 IF MAIN	LOCOPDANCE WITH EAR 43
THE A	IRERAME IN ACCORDANCE WITH TAIL TO
THIS REEN PERFORMED ON THIS A	ADDROVED FOR RETURN TO SERVICE.
170886 IN ACCORDANCE WITH THE PA-46-500TF MAINTENANCE ON THIS ALCERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS ALCERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS ALCERTIFY THAT AN ANNUAL INSPECTION HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND APPENDIX D. AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION OF THE PROPERTY OF THE P) IS APPROVED TOTTILL
CERTIFY THAT AN ANNOAL DETERMINED TO BE IN AIRWORTH AN ANNOAL TERMINED TO BE IN AIRWORTH AN ANNOAL TERMINED TO BE IN AIRWORTH Order: 1	1M-5598.
APPENDIX D. AND HAS BEEN DETERMINED at this repair station under Work Order	
tion is on tile at tills repuir of	1:

Pertinent details of the repair/inspection is on file at this rep Authorized Signature Date: 5-04-2021

checks and Subjected units in Analy III and

S.HOLLIDAY



Registration	N4839R
Model No.	PA-46-500TP
Serial No.	4697293



AIRFRAME AVIONICS ENTRY

Cutter Aviation San Antonio, Inc. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 485-1315

Hour Meter	1597.1
Total Time	1597.1
PAG	GE 1 OF 1

COMPLIED WITH 24 MONTH FAR 91.411 AND 91.413 AS FOLLOWS:

- TESTED AND INSPECTED #1 EXP5000 S/N 20337376 FROM -1000 TO 35,000 FEET AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.
- TESTED AND INSPECTED #2 EXP5000 S/N 20014486 FROM -1000 TO 35,000 FEET AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.
- * TESTED AND INSPECTED STANDBY ALTIMETER 16450-1147 S/N 170886 FROM -1000 TO 35,000 FEET AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.
- TESTED AND INSPECTED STATIC SYSTEM AS REQUIRED BY FAR 91.411(a)(1) AND WAS FOUND TO COMPLY WITH APPENDICES E AND F OF FAR 43.
- TESTED AND INSPECTED #1 TRANSPONDER P/N GTX345 S/N 3EG031937 AS REQUIRED BY FAR 91.413(a) AND FOUND TO COMPLY WITH APPENDIX F OF FAR 43.
- TESTED AND INSPECTED #2 TRANSPONDER P/N GTX330ES S/N 84124228 AS REQUIRED BY FAR 91.413(a) AND FOUND TO COMPLY WITH APPENDIX F OF FAR 43
- COMPLIED WITH FAR 91.217 IN CONJUNCTION.

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS MAINTAINED OR ALTERED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. ALL DISRUPTED SYSTEMS WERE RESTORED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MFG.'S INSTRUCTIONS. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER: 11M-5598

Date:

5-04-2021

Authorized Signature:

Daving

S.HOLLIDAY

NOTES

CONTINUED

LOG BOOK # 3 (GREEN STANDARD AIRCRAFT LOG)



- AND CRAFT LOG

The Standard Aircraft Log

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Printed in China

TRANSPORTATION USD \$12.95



Aircraft Record General Information

LOG BOOK #3

Model PA 46-500TP MERIDIAN Manufacturer PICER Registration Number N 4839 R Serial 4697293 Date of Manufacture 2007 Engine(s) currently installed:

Manufacturer PRATT AND WITNEY Model PT 6A - 42 A Serial PCE-RM0313 Manufacturer . Model Serial

Propeller(s) currently installed:

Model HC-E4N-3Q Manufacturer HARTZEL HUB Model Serial Serial BLADE Serial K48558 Serial K48559 Blade Model Serial Serial K48557 Serial K48556 Blade Model Serial

Registered Owner Record

City Pom PANO BEACH	State FI	Address
Name	- Jule 1 Le	From 2007
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Name	State	Address From To Address
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Name	state	From_
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YEAR 20 2 1 Date	RECORDING TACH TIME	TODAY'S Flight	TOTAL Time in Service	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back page 16.1)
6-18-21	1615.2			Technician or Repair Facility. (See back pages for other specific entries.)



Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293



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AIRFRAME RECORD
ENTRY

terations

lumber of ic entries.) Hour Meter 1615.2 **Total Time** Landings PAGE 1 OF 1

PILOT REPORTS PROP NOT GOING INTO BETA. VISUALLY INSPECTED BETA/REVERSE RIGGING AND FOUND NO DEFECTS. ADJUSTED BETA CLEVIS TO DECREASE PROP PITCH IN BETA RANGE. RAN ENGINE AND CHECKED BETA PERFORMANCE. EFFECT OF BETA WAS IMPROVED, BUT BETA COLLAR WAS RECESSED AT BETA VALVE. MOVED AFT BETA ROPE CLEVIS FROM 3RD HOLE TO 2ND HOLE OF REVERSE CAM ARM. READJUSTED FWD BETA CLEVIS MAKING BETA COLLAR FLUSH WITH BETA VALVE. BETA PERFORMANCE OPS CHECK GOOD. NOTICED IDLE NG SPEED WAS AT 62%. INCREASED NG ILDE TO 65%. REINSTALLED FWD ENGINE COWLING. WORK DONE I.A.W. PIPER PA-46-500TP MM CH. 76-10-00, AND 71-00-00.

GREEN PROP HEAT ANNUNCIATOR DOES NOT ILLUMINATE WITH PROP HEAT ON. . OPERATED PROP HEAT SYSTEM DURING TAXI. VERIFIED DISCREPANCY. NOTICED INTERMITTENT PROP HEAT FAIL ANNUNCIATION. REMOVED SPINNER, DISCONNECTED PROP HEAT HARNESSES AT SPINNER BULKHEAD. FOUND 2 HARNESSES WITH INTERMITTENT CONTINUITY. BOOTS HAVE CORRECT RESISTENCE AT THIS TIME. GAINED ACCESS TO PROP HEAT TIMER. DURING SYSTEM OPERATION, NO GROUND PRESENT AT PROP HEAT INDICATION WIRE. REMOVED 2 FAILED PROP HEAT HARNESSES, AND REPLACED WITH 2 NEW HARNESSES P/N 4E2269-6. SECURED HARNESSES WITH 4 NEW P/N B-3852-2-0 TIEDOWN STRAPS AND 4 NEW P/N B-3852-5-0 TIEDOWN STRAPS. RESECURED HARNESSES TO BUS TERMINALS. REMOVED AND REPLACED FAILED PROP HEAT TIMER WITH NEW P/N 691-420 TIMER. SYSTEM OPERATES NORMALLY. CLOSED ACCESS AND SPINNER. WORK DONE I.A.W. PIPER PA-46-500TP MM CH. 30-60-00.

INSTALLED NEW RH FUEL CAP LANYARD P/N MS27380-1. REFERENCE STANDARD PRACTICE.

REMOVED, DISASSEMBLED AND CLEANED L/H MLG WHEEL. REMOVED TIRE P/N 606C86-6 S/N 82152202. INSTALLED NEW TIRE P/N 606C86-6 S/N 11150100 AND ASSEMBLED WHEEL. REINSTALLED WHEEL AND SERVICED WITH NITROGEN. WORK DONE I.A.W. PIPER PA-46-500TP MM CH. 32-40-00.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-5674.

Date:

6-18-2021

Authorized Signature:

S.HOLLIDAY

YEAR 20 TACH TIME	TODAY'S Flight	TOTAL Time in Service	Description of Entries must be er Technician or Rep	Inspections, Test adorsed with Name, Ra air Facility. (<i>See</i> back	s, Repairs and Alteration ating and Certificate Number of pages for other specific entries	YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tes Entries must be endorsed with Name, I Technician or Repair Facility. (See back	Rating and Certificate Number of
1. PERFORME 2. REMOVED E PA46-500TP The aircraft/comp Aviation Administre functionally tested Work Order: 11M	N483 PA46-5 46972 DENGINE LECTRON MM 91-21- Denent ident	9R 00TP 293 Pt COMPRESSO IC BLOWER : 50. OPERATION iffed above we approved for once with mfg's	R AND TURBINE WAS SWITCH PIPER P/N 6 DNAL CHECK OF VEN	an Antonio, Inc. Road, Suite 101 Fexas 78216 No. U7TR491Y Fax (210) 384-3394 SH RINSE, REF. P&WC I 02-516 AND REPLACED T BLOWER GOOD IN LO ed in accordance with ce work performed. All disr details of the repair are	AIRFRAME RECORD ENTRY Hour Meter 1642.4 Total Time Landings PAGE 1 OF 1 MM 3021442 CH. 71-00-00. WITH PS50203-1, REF. PIPER DW AND HIGH. Furrent regulations of the Federal rupted systems were restored and on file at this repair station under		MAINTENANCE PROPELLER,	ries 17.6(2) REPLI 1590T90T10024 ATISFACTORY E RELEASE: IN IND/OR APPLI OR RTS. ALL V M AND INSTRU ON.	ACED AIR CONDI 14-180 IAW PA-46 ; NO DEFECTS N REFERENCE TO ANCE WAS REPA WORK WAS PERI CTIONS. PERTIN	ITIONING COMPRESSOR P/N: SD 5H09 S/N: 0561512680 & Impano Beach, FL 33060 one: 754-307-1908 ITIONING COMPRESSOR P/N: SD 5H09 S/N: 0561512680 & Impano Beach, FL 33060 one: 754-307-1908 ITIONING COMPRESSOR P/N: SD 5H09 S/N: 0561512680 & Impano Beach, FL 33060 one: 754-307-1908 ITIONING COMPRESSOR P/N: SD 5H09 S/N: 0561512680 & Impano Beach, FL 34060 & Impano Beach, FL	IGINE, THE FAA AND OR F AERO

YEAR RECORDING 20 TACH TIME DATE

TODAY'S FLIGHT

TOTAL TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Leading the Business of Aviation

AIRFRAME RECORD ENTRY

Registration N4839R Model No. PA46-500TP Serial No. 4697293

Cutter Aviation San Antonio, Inc. 10440 John Cape Rd. Suite 101 San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780

Hour Meter	1653.7
Total Time	1653.7
Total Tillo	
PAGE 1 OF1	

PERFORMED STALL WARNING FLIGHT TEST PROCEDURE IAW PIPER PA-46-500TP MAINTENANCE MANUAL CHAPTER 27-30-00. ALL CHECKS GOOD.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved to Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with metals in the service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg.'s instructions. Pertinent details of the repair are on file at this repair station under

Date:

12-15-2021

Authorized Signature / Certification Number:

YEAR 20

DATE

RECORDING TACH TIME

TODAY'S FLIGHT

TOTAL

TIME IN SERVICE **Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific aptrice)



Registration	N4839R
Model No.	PA46-500TP
Serial No.	4697293

Leading the Business of Aviation

Cutter Aviation San Antonio, Inc. 10440 John Cape Rd. Suite 101 San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780

FNTRY Hour Meter 1653.7 Total Time 1653.7 Landings

PAGE 1 OF 1

AIRFRAME RECORD

REMOVED BATTERY P/N RG-41 S/N S/N 41014115 AND INSTALLED NEW BATTERY P/N RG-41 S/N 41084669, REF. PA-46-500TP MAINTENANCE MANUAL CH. 24-30-00.

2. REMOVED THE STALL WARNING LIFT TRANSDUCER P/N C-52807-2, S/N 138809-05. AND INSTALLED AN OVERHAULD LIFT TRANSDUCER P/N C-52807-2 S/N 157916-04 AND ADJUSTED IAW PIPER PA 46-500TP MM 27-30-00. PERFORMED FLIGHT TEST PROCEDURE, REF. PA-46-500TP MAINTENANCE MANUAL CH. 27-30-00. FLIGHT TEST GOOD, AURAL WARNING IS WITHIN LIMITS.

CHECKED CONTINUITY OF THE AP AUDIO WIRING. ADJUSTED THE VOICE AUDIO IN ACCORDANCE WITH MEGGITT SERVICE BULLETIN SB 05-006R1.

REMOVED LEFT BRAKE ASSEMBLY AND O'RINGS. SOLVENT CLEANED HOUSING. INSTALLED NEW O'RINGS P/N MS28775-222. INSTALLED NEW BRAKE LININGS P/N 066-06200 ON LEFT AND RIGHT ASSEMBLIES WITH NEW SHIMS P/N 068-01100 REFERENCE PA46 SERIES AMM 32-40-00. BLED LEFT BRAKE AND SERVICED RESERVOIR

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS MAINTAINED OR ALTERED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. ALL DISRUPTED SYSTEMS WERE RESTORED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MFG'S INSTRUCTIONS. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER: 11M-5850.

Date:

12-15-2021

Authorized Signature:

C. MUISE

EAR O Date	RECORDING TACH TIME	TODAY'S Flight	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs an Entries must be endorsed with Name, Rating and Certifice Technician or Repair Facility. (See back pages for other sections)	cate Number of
	S/N: 44 REG. WORF 1235-1	Piper Aircraft Inc L: Pa48-500tp 397293 VO: N4839R C ORDER: 22-2022 ame Entries OBBS: 1667.4	ABRO DE	Aero Diesel Aviation DATE: 3/7/2022 A/C TSN: 1398.4	
	(2) R TEST CHE MAIN PRO IS AF	EPLACED LH A TED, & RECHAI CK SATISFACT ITENANCE REI PELLER, AND	LEASE: IN REFER OR APPLIANCE V RTS. ALL WORK V ID INSTRUCTIONS	BLOWER MOTOR P/N: 1133210-21 IAW PA-46-500TP MM. EVAC, VACUUM ANT TO SPEC USING R134A FREON. ENGINE GROUND RUN PREFORMED OPS ENCE TO THE WORK PERFORMED, THIS AIRCRAFT AIRFRAME, ENGINE, WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FAA AND WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR B. PERTINENT DETAILS ARE ON FILE UNDER THIS WORK ORDER AT AERO DETAILS ASP. 4034581 Printed by EBis 3 (datcomedia.com)	
		T	T	Frinted by EBIS 3 (datcomedia.com)	

YEAR

DATE

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER: 12690-03-2022



Flightline Group, Inc.

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

DATE: 4/13/2022 A/C TSN: 1671 Landings: HOBBS: 1671

ms of €S.)

Airframe Entries

C/W Annual inspection...Lubed engine and airframe controls per MM Chpt.12...Replaced VRV filter P/N B3-5-1....Removed Pilots heated windshield P/N 494-782 Rev. D S/N 06343H9431 and replaced With new P/N 494-782 Rev. G S/N 22034H6726. Ref. Piper PA-46-500 MM 56-10-00....Replaced nose tire P/N 505C01-2, and tube P/N 097-908-0. Balanced tire. Ref. Piper AMM 32-40-00....Replaced post lights lamps : Over 1) stby gyro switch, 2) ELT switch and 3) O2 guage on pyramid....Replaced NLG service placard P/N 100700-167 & both MLG service placards P/N 100700-166....Retorqued and safetied MLG actuator bolts, Ref MM 32-30-00....Replaced steering arm bearing P/N 452-831 & spacer P/N 82695-005 Ref. AMM 32-20-00....Adjusted bleed air shut-off valve control rigging Ref. AMM 21-30-00....Replaced alternator belt P/N 73965-023 & A/C compressor belt P/N 73965-024....Serviced oxygen system pressure....R & R the A/C blower remote module p/n PS50203-1. Blowers ground test good REF MM 21-50-00....C/W Piper AD 2021-09-02 nonconforming stall warning heat control systems by records review and determined that the left wing has NOT been replaced with a serviceable wing. No further action required at this time....C/W Piper SB 1204. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time....C/W Special Inspection (12 month /200 hrs, WCF) Fuel Return Solenoid Test....C/W Piper SB 1327 Aileron Control Cable Protection Tube Inspection, found positive clearance from hydraulic brake line bracket....C/W Piper SB 1369 Elevator Spar Inspection Part I Inspection, found LH lower side cracked at otbd rivet. Accomplished Part II repair on LH side by installing Elevator Spar Assy- Kit-LH P/N 88694-701....C/W Piper SB 1290B Flap Bracket Inspection, Inboard Bellcrank Part I, no defects found. Next inspection Due @ ACTT:1771.0....C/W Piper SB 1175B Pilots Side Window Inspection, no defects found.Next inspection due @ ACTT 1721.0....C/W Piper SL1297 Rudder Tube Assembly Inspection Part I. No defects found at this time. Next inspection DUE @ ACTT 1771.0...C/W Piper SL1286D Nose Landing Gear Steering Components Inspection And Adjustments...C/W FAR91.207(d) by inspecting and functionally testing ELT. No defects noted. Next due: 4/2023. Battery expires: 5/2024....C/W Special Inspection (12 month) Test pilot's oxygen mask...C/W Special Inspection (12 month) Removed engine mount heat boots and visually inspected engine mount to fuselage attach brackets and attaching hardware for condition and security....C/W 12-month Main Battery Inspection and Check. Tested good with result of 93% Ref.: Concorde Document No. 5-0171....C/W Special Inspection (12 month) Performed a full capacity test of the Standby Attitude Indicator battery. (B.F. Goodrich PS-834A - L-3 Communications). Battery tests good....C/W Lopresti 12 month ICA IAW Lopresti Installation manual p/n LSM-500-081 Rev E. No defects noted....C/W GTX345 and GTX330ES 12 month ICA IAW Garmin ICA p/n 190-00734-11 Rev 8. No defects noted....C/W GTN650 & Flight Streram 510 12 month inspection IAW Garmin ICA p/n 190-01007-A1 Rev 12. No defects noted....C/W Special Inspection (Every 5 Years) Removed and

hydrostatically tested oxygen cylinder, reinstalled oxygen cylinder Ref. AMM 35-10-00. Next due April 2027.... C/W Special Inspection (Every 5 Years) Removed & reinstalled oxygen regulator after overhaul by Aerospace Turbine Rotables WO# WO179862.Next due April 2027...C/W Piper Special Inspection (Every 5 Years) Inspected the following and applied Dinitrol AV8 Corrosion Inhibiter; (a) forward and aft wing spar to fuselage attach fittings, (b) forward vertical fin attach fittings, (c) elevator trim tab push rods, and (d) forward and aft horizontal stabilizer attach fittings.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, The aircraft, engine, propeller, or appliance identified above his description of the Piper Meridian, PA-46-5 NOTP / M500, Inspection Guide and was found to referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian, PA-46-5 NOTP / M500, Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/13/2022

Scott Koenig, IA: 2839208

Work Order: 12690-03-2022

/EAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entri	UI .
	MAKE: Piper MODEL: PA-46-5 S/N: 4697293 REG. NO: 48395 WORK ORDER: 12794-05-2022 Airframe En		-LIGHT	Flightline Group, Inc. DATE: 5/12/2022 A/C TSN: 1692.7 3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515 DATE: 5/12/2022 A/C TSN: 1692.7 Landings: HOBBS: 1692.7	ノ ノ ノ
	POH. Inserted check goodli cement to vert	ICA's into manstalled (1) neical stab. deicoine, propeller or the above action	intenance record w Left Main tire e boot Ref AMM	H2751. Ref Piper MM 61-10-00. C/W Hartzell STC SA04045CH by Installing Hartzell F359. C/W ground ops checks, checks good. Ref Amm 61-10-00. Updated W&B in dsInspected parking brake system. Torqued cam attach nut. Ref AMM 32-40-00. Ops P/N 606C86-6 and tube P/N 092-500-0. Ref. AMM 32-40-00Applied new conductive chapter 30-10-00Bled brakes. Ref Amm 32-40-00. Dove was inspected and/or repaired referencing. current FAR's and is approved for return to service in no way certifies current or future airworthiness of the aircraft.	
			Matthew W.	Work Order: 12794-05-2022 Suber, IA: 3764687 Printed by EBis 3 (datcomedia.com)	/

YEAR	RECORDING	TODAY'S		Description of Inspections, Tests, Repairs and Alterations
20	TACH	FLIGHT		Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)

MAKE Piper MODEL PA-46-500TP S/N. 4697293 REG NO. 4839R WORK ORDER 12985-08-2022



Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515 DATE: 9/22/2022 A/C TSN: 1727.6 Landings: HOBBS: 1727.6

Airframe Entries

R & R the LH pitot hear module p/n 691-419. Pitot heat tests good REF MM 34-10-00....Serviced pilot oxygen, Ref. Piper MM 35-10-00...Replaced to pilots oxygen generator activation switch P/N V3-245.

The aircraft, engine, propeder or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 9/22/2022

Scott Koenig, A&P: 2839208

Work Order: 12985-08-2022

Printed by EBis 3 (datcomedia.com)

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER 13084-09-2022



Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515 DATE: 9/23/2022 A/C TSN: 1727.6 Landings: HOBBS: 1727.6

Airframe Entries

Confirmed bad radar RT. Radar p/n 071-01519-0101 s/n 9678 removed and sent to Mid-Continent for repair. Panel placarded

"Radar Inop", aircraft secured for flight.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for

DATE: 9/23/2022

return to service

Joe Volker, A&#: 3656523

Work Order: 13084-09-2022

YEAR 20 22 DATE

RECORDING TACH

TODAY'S FLIGHT

TOTAL TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER 13084-09-2022



Flightline Group, Inc.

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

DATE: 10/19/2022 A/C TSN: 1736.9 Landings HOBBS: 1736.9

Airframe Entries

Installed the repaired radar RT p/n 071-01519-0101 s/n 9678. Radar ground tests good REF King manual p/n 006-00643-0002.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for

DATE: 10/19/2022

Work Order: 13084-09-2022

Joe Volker, A&# 3656523

Printed by EBis 3 (datcomedia.com)

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER 13220-11-2022



Flightline Group, Inc.

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

DATE: 12/5/2022 A/C TSN: 1756.8 Landings HOBBS: 1756.8

Airframe Entries

Removed & replaced cabin temperature controller (p/n on & off: 602-240, s/n off: 425, s/n on: 1046) IRT AMM chapters 21-60-00 & 91-21-30. Ops check good

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing, current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current, or fulting airworthiness of the aircraft.

DATE: 12/5/2022

SIGNED.

Work Order: 13220-11-2022

Ray Tarver, A&P 3481414

Printed by EBis 3 (datcomedia.com)

YEAR RECORDING 20 23 TACH TIME DATE

TODAY'S FLIGHT

TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of

Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER 13449-03-2023



Flightline Group, Inc.

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

DATE: 4/4/2023 A/C TSN: 1802 Landings: HOBBS: 1802

Airframe Entries

Replaced oil pressure switch P/N:688-417, Ref MM 79-30-00

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for

return to service.

DATE: 4/4/2023

Stephanie Nita, A&P 3236348

Work Order: 13449-03-2023

Printed by EBis 3 (datcomedia.com)

MAKE Piper MODEL PA-46-500TP S/N: 4697293 **REG NO 4839R** WORK ORDER A0926



Flightline Repair Station

Repair Station No. 5FVR692B 3256 Capital Circle SW Tallahassee, Florida 32310 Phone 850 702 5455

DATE: 6/13/2023 A/C TSN: 1822 5 Landings HOBBS 1822 5

Avionics Entries

Certified aircraft to 30,000ft IAW CFR 91.411, 91.413, and 43 appendix E & F. Avidyne EXP-5000 #1 p/n 700-00006-003 s/n 20337376, EXP-5000 #2 p/n 700-00006-003 s/n 20014486, Aerosonic Altimeter p/n 16450-1147 s/n 170886, Garmin GTX-345 p/n 011-03302-00 s/n 3EG031937, GTX-330 p/n 011-00455-60 s/n 84122428. All tests check good.

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: 6/13/2023

Work Order: A0926

Certified Repair Station No 5FVR692B

YEAR 20 DATE

MAKE: Piper MODEL: PA-46-500TP S/N: 4697293 REG. NO: 4839R WORK ORDER: 13488-04-2023



Flightline Group, Inc.

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

DATE: 6/15/2023 A/C TSN: 1822.5 Landings: HOBBS: 1822.5

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YEAR

RECORDING TACH TIME

TOTAL TIME IN

TODAY'S

Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

20 FLIGHT SERVICE DATE DATE: 11/17/2022 Flightline Group, Inc. A/C TSN: 1747.4 3256 Capital Circle SW Landings: MAKE: Piper MODEL: PA-46-500TP HOBBS: 1747.4 Tallahassee, Florida 32310 FLIGHTLINE Phone: 850-576-3515 S/N: 4697293 REG. NO: 4839R WORK ORDER: 13162-10-2022 Removed and installed (1) new hydraulic pump up pressure switch P/N 767-238. Ref. A.M.M. 29-00-00.Ops & leak checks good. The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing, current FAR's and is approved for return to service.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing, current FAR's and is approved for return to service. The aircraft, engine, propeller or appliance listed above was anapoliced and or repaired referencing, current FAR's a ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft. Work Order: 13162-10-2022 SIGNED; Printed by EBis 3 (datcomedia.com) DATE: 11/17/2022 Cody Harrison, A&P: 4052406

Airframe Entries

C/W Annual inspection...Lubed engine and airframe controls per MM Chpt.12...Replaced VRV filter PN B3-5-1....Replaced vent fan control module (p/n: PS50203-1) Ref. AMM 91-21-20. Ops check good....Resealed nutplate & rivets in RH wing header tank Ref. AMM 28-10-00....Replaced LH taxi light lens P/N 82244-002 & RH taxi light lens P/N 82244-003....Replaced L/H wing grounding placard (p/n: 100700-6) Ref. AMM 11-00-00....Replaced NLG emergency down spring P/N 487-399 Ref. AMM 32-30-00....Replaced starter/generator with overhauled unit P/N 200SGL145QOHC S/N 4139. Ref. AMM 24-30-00....Serviced all three landing gear struts with NitrogenRef. AMM 12-10-00 Page 11...Adjusted LH & RH MLG door retraction rod aft rodend attach bolts for slide fit.Ref. AMM 32-10-00...Retorqued upper NLG actuator bolt. Ref. Piper MM 32-30-00....Installed new shims (p/n: 765-489) on both brake assy Ref. AMM 32-40-00....Replaced left and right main gear brake discs and linings Ref. AMM 32-40-00....Adjusted accessory drive belt tensions....Repaired RH upper engine mount heat boot retaining stud....Serviced oxygen Ref. AMM 35-10-00....Replaced bad static wick on left aileron Ref. AMM 23-60-00....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 1290B Flap Bracket Inspection, Inboard Bellcrank Part I. No defects found.Next inspection due @ ACTT 1922.5...C/W Piper SB 1369 Elevator Spar Inspection Part I. No defects found....C/W Piper SB 1175B Pilots Side Window Inspection. No defects found. Next inspection due @ ACTT 1872.5...C/W Piper SL 1285C Part I Proper Tire Pressure Maintenance...C/W Piper SL 1297 Rudder Tube Assembly Inspection.No defects found....C/W Piper SL 1286D Nose Landing Gear Steering Components Inspection And Adjustments....Performed 12 month FAR 91.207(d): Inspection and functional check of ELT. Battery Expires: 5/2024, Next inspection due: 6/2024....C/W Special Inspection (12 month) Test pilot's oxygen mask....C/W Special Inspection For airplanes equipped with Airborne 1H37 series check valves, inspected per the latest revision of Airborne SL 39A....C/W Special Inspection (12 month) Removed engine mount heat boots and visually inspected engine mount to fuselage attach brackets and attaching hardware for condition and security....C/W Special Inspection Fuel Return Solenoid Test...Performed 12 month inspection and capacity test of main aircraft battery ref. MM 24-30-00. Battery passed with C1 rate of 94%....Performed 12 month Emergency Power Supply capacity check IAW L3 Communication SL-120. Next inspection due: 6/2024... C/W Special Inspection (Every 2 Years /400 hrs, WCF) Performed Fuel Purge System, Inspection and Cleaning Ref. AMM 71-70-00.....C/W Special Inspection (Every 2 Years / 500 hrs, WCF) Performed check of fuel strainers (five in each wing tank) are secure and unobstructed....C/W Special Inspection (Every 2 Years) Swing the magnetic compass....C/W 500 hour MLG actuator upper attach bolt inspection by replacing LH & RH actuator upper attach bolts P/N 693-216.Ref. AMM 32-10-00....C/W Special Inspection (500 hrs) while in flight, check operation of landing gear warning oil pressure switch....Replaced main fuel filter P/N 601-809....C/W LoPresti 12 mo ICA Ref. Installation Instructions LSM-500-012....C/W Garmin GTX 33X and GTX3X5 ICAs IAW Garmin Manuals 190-00734-11 & 190-00734-21....C/W GTN 6XX & Flight Stream 510 ICAs IAW Garmin Manual

190-01007-KB....Removed heat blankets and inspected firewalls per Firewalls 1,000 Hour Special Inspection, 71-30-00 The aircraft, engine, propeller, or appliance identified above has been inspected in accordance with an Annual Inspection per FAR 91.409(a)(1) referencing Event 1 and Event 2 Inspection on the second second accordance with an Annual Inspection per FAR 91.409(a)(1) referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian, PA-46-500TP / M500, Inspection Guide and was found to be in an airworthy condition and approved for return to service. This release in no way certifies future airworthiness.

Scott Koenig, IA: 2839208

Work Order: 13488-04-2023