

WB1
LOG-AIRCRAFT-HARD
Retail: \$ 12.9500



The Standard

AIRCRAFT LOG

#2

N388TW

ASA-SA-2

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 entries.)
6-18-20	25			CHECK RIGGING FOR ALIGNMENT. ADJUST ALIGNMENT CABLE TENSION.
HR MTR	2397.5			AP450966112 Eric W. Johnson TERRILL AIRCRAFT SERVICES LLC
8-22-20	25			REPLACED LEFT MAIN TIRE WITH NEW TIRE (FLITT 6.0026). LUBED NOSE BAR AND NOSE GEAR STEERING COMPONENTS.
HR MTR	2445.7			AP 450966112 Eric W. Johnson TERRILL AIRCRAFT SERVICES LLC

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 entries.)
8-28-20	25			REPLACED ALL BRAKE LINES. PILOT SEAT ADJUSTMENT CABLE SLIPPED IN CLAMP. REMOVED SEAT AND ADJUSTED CABLE AND SAFETY WIRE TO CLAMP. REINSTALLED SEAT
HR MTR	2445.7			AP450966112 Eric W. Johnson TERRILL AIRCRAFT SERVICES LLC

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 entries.)
4.25-2025				
HR MTR	2375.5			CONTROLS, CABLES, PULLEYS AND HINGES CHECKED
TTA	2375.5			AND LUBED. LIGHTS CHECKED -OK. ETC OPERATION
				CHECKED -OK. REPLACE BATTERY BY AUG 2027. CONTROL
				CABLE TENSIONS CHECKED -OK. REPLACED VAC REGULATOR
				FILTER (B3-S-1). BRAKES CHECKED - REPLACED BOTH DRUMS
				IN LEFT BRAKE CALIPER. REINSTALLED AND DISCO BOTH
				BRAKES. SERVICED BRAKE RESERVOIR. REPLACED
				SHIM ON RIGHT CALIPER (R2068-01100). REPLACED
				BUSHING FOR LEFT HAND CONTROL AT INSTRUMENT
				PANEL (82834-002). REMOVED BOLT ON MIDDLE
				IDLER ARM FOR RIGHT FLAP AND CHECK WEAR ON
				BUSHINGS -OK. REINSTALLED BOLT AND ADJUSTED TO
				.010 CLEARANCE. CHECKED CLEARANCE ON LEFT -OK.
				TIGHTEN FITTINGS ON WING DEICE VALVES -OPERATION
				CHECKED NORMAL. WHEEL BEARINGS CLEANED, INSPECTED
				AND REPACKED. REPLACED NOSE TIRE (PSTE 5.00x510PIL).
				LANDING GEAR LUBED. RETRACT CHECK NORMAL
				AND EMERGENCY PERFORMED -OK. SQUAT

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 entries.)
				SWITCH OPERATION CHECKED -OK. SERVICED HYDRAULIC
				RESERVOIR. C/W SL 1131A AIRLON SECTOR LUGS ARE
				GOOD IN/ANNUAL. C/W SL 1202 MAIL LANDING GEAR HYDRAULIC
				HOSE CHECK -OK. DUE EACH 100HR. C/W SL 1369 BUSH SPAR
				INSPECTION -OK. DUE EACH 100HR. C/W SL 1135 AIRLON
				CABLE INSPECTION -OK. DUE EACH 100HR. C/W SB 1202
				CHECK BETA REVERSAL LOCK OUT -OK. C/W SB 1204 WING
				LIFE LIMIT - NORMAL USAGE CATEGORY 1 NO CHANGE IN
				LIFE LIMIT. DUE EACH ANNUAL. C/W SB 1392A FRAME
				ASSEMBLY INSPECTION STA 282 -OK NO CRACKS OBSERVED.
				AD 23-25-02 N/A BY S/N.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE AIRWORTHY A/P 450966172 EA <u>Em Whelan</u> TULLOH AIRCRAFT SERVICES LLC

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 entries.)
7-14-2022	HA MTR 1905.6			REPLACED RELAY FOR LANDING LIGHT WITH NEW RELAY.
				AP450966172 E. J. Wilson TERRACE AIRCRAFT SERVICES LLC
9-21-2022	HA MTR 1957.3			REMOVED PILOT'S SIDE WINDOW DOG TO CRACK AND REPLACED WITH NEW WINDOW.
				AP450966172 E. J. Wilson TERRACE AIRCRAFT SERVICES LLC

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 entries.)
12-8-2022	HA MTR 2020.7			REPLACED NOSE TIE (5100 X 5100A FUEL).
12-26-2022	HA MTR 2025.3			REMOVED 601-910 BATTERY AND INSTALLED NEW RP 41/53 CONCORD BATTERY IN ACCORDANCE WITH STC SA0105096 AND INSTALLATION INSTRUCTIONS DWT NO 5-0692 DATED 6-11-2020. UPDATED WEIGHT AND BALANCE.
				AP450966172 E. J. Wilson TERRACE AIRCRAFT SERVICES LLC

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 entries.)
1-14-22				CONTROLS, CABIN, PULSIS AND HINGES CHECKED AND LUBED. REPLACED
HA MTR	1820.5			VAC REGULATOR FILTER (BJ-5-1). BUT OPERATION CHECKED PER 91-2070-
TTA	1820.5			OK. REPLACE BATTERY BY 8-2023. INSTALLED RIB REINFORCEMENT KIT PER SB 1306 ON LEFT AND RIGHT SIDE. BRAKES CHECKED - REPLACED SHIM ON LEFT BRAKE CALIPER (060-01100). WHEEL BEARING CLEANED, INSPECTED AND REPAIRED. LANDING GEAR LUBED. SERVICED BRAKE AND HYDRAULIC RESERVOIR. INSTALLED LOPESTI WHEEL HUB CAPS IN ACCORDANCE WITH LOPESTI SPEED MERCHANTS DRAWING LIST REPORT # 36 REV B DATE 4-2-1997 AND STC SA01224AT. POSTMASTER CHECK PERFORMED NORMAL AND EMERGENCY - OK. START SWITCH OPERATION CHECKED - OK. C/W SB 1175B CHECK PILOT WINDOW FOR CRACKS - OK. DUE EACH 50 HR. C/W SL 1135 AIRCRAFT CABLE INSPECTION - OK. DUE EACH 100 HRS. C/W SL 1131A AIRCRAFT SECTOR LUBE - DUE EACH 12 MO OR 100 HRS. C/W SL 1204 WINDSHIELD HEAT RESISTANCE - OK C/W SB 1369 ELEVATOR SPARE INSPECTION - OK. DUE EACH 100 HRS. PER SB 1204 WING LIFE LIMIT IS CATEGORY 2 NORMAL USAGE. C/W SL 12060 PART 2 AND

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				PART 2 - RADAR NEW CHECKS OK AND PART 3 ADJUSTED CLEARANCE ON STEERING ROLLERS. DUE EACH 100 HRS.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND IS DETERMINED TO BE AIRWORTHY A. P. 450966172 T. A. E. W. E. H. E. M. TERRILL AIRCRAFT SERVICES LLC
4-11-2022				REPLACED FORWARD CABLE ON LOWER CABIN DOOR WITH NEW CABLE. A. P. 450966172 T. A. E. W. E. H. E. M. TERRILL AIRCRAFT SERVICES LLC
HA MTR	1862.8			

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Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 ETER699D
LOG ID# 2718 14-October-2021 WO# 52507 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 1 / 1

RECONFIGURED GTN #2 FOR FLITECHARTS. REMOVED SUPPLEMENTAL DATABASE CARD, FORMATTED AND RELOADED DATABASES. SYSTEM RAMP CHECKED OPERATIONAL.

INSTALLED GARMIN GSB15 USB CHARGER P/N:011-04937-00 S/N:63M060475 IAW GSB15 INSTALLATION MANUAL 190-00303-a3 REV 6 DATED MARCH 1st, 2021.

TROUBLESHOT INOP HOBBS METER. ISOLATED WIRE TO OPEN GROUND WIRE. REPAIRED WIRING. SYSTEM RAMP CHECKED OPERATIONAL. WORK DONE IAW PA46-500TP WIRING MANUAL.

T/S INOP EL PANEL LIGHTING. LOCATED AND GAINED ACCESS TO INVERTER. CHECKED WIRING, CLEANED AND COONNECTIONS AND RESEATED. SYSTEM RAMP CHECKED OPERATIONAL.
TROUBLESHOT INOP FLAP INDICATOR LIGHTING. REPLACED BULBS P/N:SPT-GWB28V. WORK DONE IAW PA46-500TP MM.

REVERSED LEFT AND RIGHT AUDIO WIRING ON PILOTS PHONE JACK. WORK DONE IAW GMA35 IM 190-00858-11 REV K DATED FEB 1ST, 2020.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# ETER699D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE _____ ETER699D
CERTIFICATE # _____

10/14/21
DATE

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 entries.)
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AIRFRAME LOG ENTRY

Mesquite Aircraft Sales & Services

1350 Airport Blvd

Mesquite, Texas 75181

AIRCRAFT REG.: N388TW

DATE: 11/30/2021

HOBBS: 1794.9

MFG: Piper

MODEL: PA46-500TP

SERIAL NO.: 4697018

AFTT: Not Provided

- Gained access to pressurized side of cabin and exterior of nose wheel well to remove existing right nose steering bellows boot. Installed new boot P/N 691-527 and secured. Configured aircraft for static pressurized check as listed in the Piper Meridian M.M. CH 21-40. Leak check on right steering boot good. Removed test equipment and restored disturbed systems.
- Gained access to pressurized side of cabin and removed cabin floorboards as required. Removed existing cabin door valve seals, cleaned area and installed new cabin door valve seals P/N 82260-002. Configured aircraft for static pressurized check as listed in the Piper Meridian M.M. CH 21-40, leak check on each seal good. Removed test equipment and restored disturbed systems. Reinstalled cabin floor boards as previously removed for access.

I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determined to be in airworthy condition and approved for Return to Service with respect to work performed.

Dated: November 30, 2021 Signed _____ Steven P. Adams A&P 2713403

TIME	FLIGHT	TIME IN SERVICE	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.)

Summary of changes:

Removed: STEC Magic 1500 Automatic Flight Guidance

System Installed: GMC 605 Mode Controller, P/N 011-02967-02 GSA 87 Roll Axis, P/N 011-03780-00 GSA 87 Pitch Axis, P/N 011-03780-00 GSA 87 Yaw Axis, P/N 011-03780-00 GSA 87 Pitch Trim, P/N 011-03780-01 FAA Approved Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in PA-46-500TP, P/N 190-02011-22, Rev 1, installed in POH. Instructions for Continued Airworthiness are contained in GFC 600 Automatic Flight Control System Part 23 AML STC Maintenance Manual with Instructions for Continued Airworthiness for STC SA01844WI, P/N 190-01938-00, Rev 9. Copy placed with aircraft Aircraft Weight & Balance and Equipment List have been updated for changes above and installed in the POH.

The article identified above is airworthy with respect to the maintenance, preventive maintenance, or alteration performed and is approved for return to service. Pertinent details of this repair are on file at Garmin International, Certified Repair Station #:X0NR420Y, 151 N. New Century Pkwy, New Century, KS 66031 under APS#: 021107

Name: Bill Butts

Signature: Bill Butts

CRS Certificate #: X0NR420Y

YEAR
20
DATE

Date: 8/31/2021

N388TW

TAT:

1829.4

I find this aircraft meets the requirements for the reinstatement of the current Standard Airworthiness Certificate dated DEC 16, 2000. Inspection was performed based on installations and/or modifications related to FAA Project GARMIN-GP20162/STC SA01844WI Garmin GFC-600 Autopilot. This certification process does not replace or change the dates or times of scheduled inspection requirements. The next inspection is due 12/31/2021.

Name: Scott D. Goergen

Signature: Scott D. Goergen

ODA240087CE

TIME

SERVICE

Technician or Repair Facility: (888) 888-7777

Date: 08/17/21

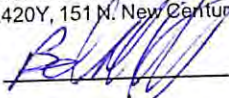
N388TW

AFTT:
1821.6GARMIN[▲]

This aircraft is determined to be in condition for safe operation and appropriate for use as "Show Compliance".

The article identified above is airworthy with respect to the maintenance, preventive maintenance, or alteration performed and is approved for return to service. Pertinent details of this repair are on file at Garmin International, Certified Repair Station #: X0NR420Y, 151 N. New Century Pkwy, New Century, KS 66031 under APS#: 021107

Name: Brad A. Hackett

Signature: 

CRS Certificate #: X0NR420Y

Date: 08/31/21

N388TW

AFTT:
1829.4GARMIN[▲]

STC SA01844WI Installation of GFC 600 AFCS

Installed Garmin GFC 600 Automatic Flight Control System in accordance with Garmin GFC 600 Part 23 AML STC SA01844WI Installation data for model PA-46 provided by Master Drawing List GFC 600 Automatic Flight Control System Part 23 AML STC, P/N 005-01009-05, Rev 40 Issue Date 7/4/2017, Amendment Date 8/30/2021

Installation completed in accordance with: GFC 600 Automatic Flight Control System Part 23 AML STC Installation Manual, P/N 190-01937-00, Rev 22 GFC 600 Install Manual Addendum PA-46 Series, P/N 190-01937-18, Rev 9

MAKE: Piper
MODEL: PA-46-500TP
S/N: 4697018
REG. NO: N388TW
WORK ORDER: 18645

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 5/6/2021
A/C TSN: 1770.4
HOBBS: 1770.4

Airframe Entries

- 2 Updated GEA 71 to software version 2.71f and Pilot and Copilot GDU 1060 to software version 3.13h IAW engineering instructions found at <https://confluence.garmin.com/display/SFT/GDU+7XX+Software+Loading+Instructions> last modified May 18, 2018
- 3 Moved the Left Fuel Quantity wiring to Input 5, Right Fuel Quantity wiring to Input 6 at the GEA 71 IAW GEA 71B/C Installation Manual 190-01807-00 Rev. 5 03/12/20

I certify the article identified above is in a condition for safe operation with respect to the work performed.

DATE: 5/6/2021

SIGNED: 

StonebergM
Certified Repair Station No 9GTR079B

Michael Stoneberg
Garmin AT

Work Order: 18645

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YEAR 20 DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	Number of entries.)
	Date: 3/29/2021	N388TW	TAT: 1760.4		

I find this aircraft meets the requirements for the certification requested and have issued a Multi-Purpose Special Airworthiness Certificate and Operating Limitations for Research & Development and Show Compliance dated 3/29/2021. Initial Purpose: Research & Development. The next inspection is due 12/31/2021.

Name: Scott Goergen

Signature:



ODA240087CE

MAKE: Piper
MODEL: PA-46-500TP
S/N: 4697018
REG. NO: N388TW
WORK ORDER: 18618

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 5/6/2021
A/C TSN: 1770.4
HOBBS: 1770.4

Airframe Entries

- 2 Replaced L/H Fuel Pump Electronic Control Module with NEW p/n PS50203-1 IAW Piper Meridian Maintenance Manual p/n 767-005 Revision PR190731 Dated September, 25, 2019 Ch91 "Charts & Wiring Diagrams" Sec 91-28-20 Figure 1 & CH39 "Electrical/Electronic Panels" Sec 39-10-00 Figure 2, 4
- 3 Repaired broken heater wire and tied up all heater wire harnesses IAW Piper Meridian Maintenance Manual p/n 767-005 Revision PR190731 Dated September 25, 2019 Section 30-60-00
- 4 Adjusted Prop speed at Governor IAW Piper Meridian Maintenance Manual p/n 767-005 Revision PR190731 Dated September 25, 2019 Section 61-20-00 C.

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 5/6/2021

SIGNED:

NeumanC

Chris Neuman
c.n. Chris Neuman, o- GarminAT, ou- 9GTR079B,
email- chris.neuman@garmin.com, c- US
2021 05 06 14:40:42 -0700

Work Order: 18618

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RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

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

Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2259 26-March-2021 WO# 51963/11 REF# 51963 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 1 / 1

Y 14 CFR PART
FAR 91.413,

-10 S/N:

-33ES P/N:

I CERTIFY THAT THE AIRCRAFT
91, FAR
HAVE BEEN

ADC#1: GJ
20611837

TRANSPOND
011-00779

STAND-BY

ENDCODER

THE ALTIMETER

MAINTENANCE

THE AIRCRAFT
ACCORDANCE
TO SERVICE

INSPECTOR

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N388TW PIPER PA-46-500TP
S/N 4697018 HOBBS 1760.4

INSTALLED NEW SIDEWALL COVERING MATERIAL (LEATHER),
FLAME CERT. TEST DATED 08/21/2013. INSTALLED NEW SEAT
COVERING MATERIAL (LEATHER), FLAME CERT. TEST DATED,
08/21/2013. INSTALLED NEW HEADLINER MATERIAL FLAME
CERT. TEST DATED 01/10/2020. INSTALLED NEW FOAM,
FLAME CERT. TEST DATED 10/07/2010. INSTALLED NEW
CARPET FLAME CERT. TEST DATED 02/20/2014. WEIGHT AND
BALANCE UNAFFECTED.

MICHAEL A BURKE II A/P 4001173 03/26/2021
Michael Burke II

RED IN
FOR RETURN

26/21
DATE

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 entries.)
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Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2259 26-March-2021 WO# 51963/11 REF# 51963 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

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I CERTIFY THAT THE ALTIMETER, AIRDATA SYSTEM, AND STATIC SYSTEM TESTS REQUIRED BY 14 CFR PART 91, FAR 91.411 AND TRANSPONDER TESTS, INCLUDING DATA CORRESPONDANCE, REQUIRED BY FAR 91.413, HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH 14 CFR PART 43, APPENDIXES E AND F.

ADC#1: GDC-74A P/N: 011-00882-10 S/N: 20611822 AND ADC#2: GDC-74A P/N: 011-00882-10 S/N: 20611837

TRANSPONDER #1: GTX-345R P/N: 011-03303-01 S/N: 3EH040992 AND TRANSPONDER #2: GTX-33ES P/N: 011-00779-30 S/N: 89103977

STAND-BY ADC: GI-275 P/N: 011-04489-10 S/N: 5M2102481

ENDCODER GDC-74A #1 P/N: 011-00882-10 S/N: 20611822

THE ALTIMETER WAS TESTED TO 35,000 FEET ON DATE: 3/26/21.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #

DATE

3/26/21

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 entries.)
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Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2263 29-March-2021 WO# 52107 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

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REMOVED BROKEN CABIN DOOR CABLE AND INSTALLED NEW CABLE P/N: 89630-004. ALL WORK IN REFERENCE WITH PRATT AND WHITNEY PT-6A MM.

REMOVED ELT110-4 AND INSTALLED NEW ELT345 P/N:8102 S/N:317-07115 AND WHIP ANTENNA P/N:A3-06-2892-1 S/N:388785-005. WORK DONE IAW ARTEX ELT345 INSTALLATION MANUAL Y1-03-0282 REV L DATED MAY 28TH 2020.

INSTALLED GDU-485 P/N: 011-03582-04 S/N: 3QR400981 IN REFERENCE WITH INSTALLATION MANUAL#: 190-00303-75, REV. U, DATED: NOVEMBER 2020 OR LATEST REVISION.

REMOVED INOPERATIVE NP TACH GENERATOR PN: 32005-007 SN: 273057 AND INSTALLED OVERHAULED NP TACH GENERATOR PN: 32005-007 SN: 155130. OPERATIONAL CHECK OK. ALL WORK IN REFERENCE WITH PRATT AND WHITNEY PT-6A MM.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #

DATE

3/29/21

Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2257 26-March-2021 WO# 51985 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

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INSTALLED GARMIN-SUPPLIED GFC-600 AUTO PILOT SYSTEM: GMC-605 P/N: 011-02967-02 S/N: 38H201169,
TRIPLE GSA-87 SERVO S/N: 011-03780-00
S/N: 4JM003907, S/N: 4JM004387, S/N: 4JM003903, AND GSA-87 SERVO P/N: 011-03780-01 S/N:
4S4000584 FOR GARMIN INTERNATIONAL.
WORK DONE IAW GFC600 INSTALLATION MANUAL 190-01937-00 REV 18, GFC600 IM ADDENDUM 190-01937-18
REV 7.
AIRCRAFT CERTIFIED EXPERIMENTAL BY GARMIN FOR TESTING PURPOSES.
AIRCRAFT WEIGHED AIRCRAFT INSTALLATION. SYSTEM RAMP CHECKED OPERATIONAL.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN
TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #

3/26/21
DATE

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 entries.)
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Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2258 26-March-2021 WO# 51963/1 REF# 51963 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

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INSTALLED DUAL GARMIN G500 TXI SYSTEM: GDU 1060/G500 TXI P/N: 011-03308-20 S/N: 3M4003664 & S/N: 3M4003666, AND GEA-71B ENHANCED ENGINE SYSTEM P/N: 011-03682-05 S/N: 5SB000766. WORK PERFORMED IN REFERENCE WITH G500 INSTALLATION MANUAL#: 190-01717-B3, REV. 8, DATED: SEPTEMBER 30, 2020 OR LATEST APPROVED REVISION.

INSTALLED DUAL GARMIN GTN-750 XI P/N: 011-04634-00 S/N: 5FR003217 & S/N: 5FR003225 WITH DUAL GARMIN GA-35 ANTENNA P/N: 013-00235-00 S/N: 198789 & S/N: 198799, AND FLIGHTSTREAM 510 P/N: 011-03595-00 S/N: 402014211. WORK PERFORMED IN REFERENCE WITH STC#: SA02019SE-D, CERT#: A25SO, MAKE: PIPER, MODEL: PA46-500TP, DATED: NOVEMBER 2020 AND INSTALLATION MANUAL#: 190-01007-CO, REV. 2, DATED: NOVEMBER 2020 OR LATEST APPROVED REVISION.

INSTALLED GARMIN GMA-35C P/N: 011-02299-40 S/N: 1T6204278. WORK PERFORMED IN REFERENCE WITH INSTALLATION MANUAL#: 190-00858-11, REV. K, DATED: JANUARY 2020 OR LATEST APPROVED REVISION.

INSTALLED GARMIN GTX-345R P/N: 011-03303-01 S/N: 3EH040992. WORK PERFORMED IN REFERENCE WITH GTX-345 STC#: SA01714WI, CERT#: A25SO, MAKE: PIPER, MODEL: PA46-500TP, DATED: JULY 2019 AND WITH INSTALLATION MANUAL P/N: 190-00734-10, REV. 14, DATED: DECEMBER 2019 OR LATEST APPROVED REVISION.

INSTALLED GARMIN GI-275 ADAHARS P/N: 011-04489-10 S/N: 5MZ102481. WORK PERFORMED IN REFERENCE WITH STC#: SA02658SE, CERT#: A25SO, MAKE: PIPER, MODEL: PA46-500TP, DATED: DECEMBER 2019 AND INSTALLATION MANUAL: 190-02246-10, REV. 6, DATED: OCTOBER 2020 OR LATEST APPROVED REVISION.

INSTALLED GARMIN GSB-15 USB PORT P/N: 011-04937-00 S/N: 63M057963. WORK PERFORMED IN REFERENCE WITH INSTALLATION MANUAL#: 190-00303-A3, REV. 3, DATED: SEPTEMBER 2020 OR LATEST APPROVED REVISION.

INSTALLED GARMIN GWX-75 10" ANTENNA MOD 2 P/N: 011-03997-00 S/N: 4RR002073 AND ANTENNA ARRAY P/N: 117-00254-00 S/N: 2195 IN REFERENCE WITH GARMIN GWX INSTALLATION MANUAL#: 190-02009-00, REV. 11, DATED: SEPTEMBER 2020 OR LATEST APPROVED REVISION.

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 entries.)
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Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2258 26-March-2021 WO# 51963/1 REF# 51963 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 2 / 2

INSTALLED SERVICEABLE GTX33ES P/N: 011-00779-30 S/N: 89103977. WORK PERFORMED IN REFERENCE WITH GTX-33ES STC#: SA01714WI, CERT# A25SO, MAKE: PIPER, MODEL: PA46-500TP, DATED: AUGUST 2019 AND WITH INSTALLATION MANUAL P/N: 190-00734-10, REV. 14, DATED: DECEMBER 2019 OR LATEST APPROVED REVISION.

SEE FAA FORM 337 FILED ON THIS DATE. NEW AFMS, ICA, AND STC AML PLACED IN AIRCRAFT. UPDATED WEIGHT AND BALANCE TO REFLECT CHANGES. SYSTEM RAMP CHECKED OPERATIONAL.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #

3/26/21
DATE

Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 2257 26-March-2021 WO# 51985 HOBBS 1760.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 1 / 1

INSTALLED GARMIN-SUPPLIED GFC-600 AUTO PILOT SYSTEM: GMC-605 P/N: 011-02967-02 S/N: 38H201169,
TRIPLE GSA-87 SERVO S/N: 011-03780-00
S/N: 4JM003907, S/N: 4JM004387, S/N: 4JM003903, AND GSA-87 SERVO P/N: 011-03780-01 S/N:
4S4000584 FOR GARMIN INTERNATIONAL.
WORK DONE IAW GFC600 INSTALLATION MANUAL 190-01937-00 REV 18, GFC600 IM ADDENDUM 190-01937-18
REV 7.

AIRCRAFT CERTIFIED EXPERIMENTAL BY GARMIN FOR TESTING PURPOSES.
AIRCRAFT WEIGHED AIRCRAFT INSTALLATION. SYSTEM RAMP CHECKED OPERATIONAL.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN
TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #

3/26/21.
DATE

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 entries.)
				LOWER ANT. C/W SB 117S CHECK PILOT'S WINDOW FOR CRACKS - OK. C/W SL 1204 CHECK RESISTANCE FOR WINDSHIELD HEAT - OK. C/W SL 113S AIRFLOW CABLE INSPECTION - OK. C/W SL 1131A LUBE AIRFLOW SECTION. C/W SB 1202 CHECK BETA REVERSE LOCK OUT. - OK. SPLICE IN NEW SECTION OF HOSE FROM EPA DRAIN TO BREATHER DRAIN TUBE. FUEL SCREENS IN WING INSPECTION AND AGREE BY 4-2021.
				ECENTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.
				AP450966172 FA Ewaldby TELECOM AIRCRAFT SERVICES LLC

[illegible]

AP#450966172 E W Johnson
TERRACE AIRCRAFT SERVICES LLC

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 entries.)
2-18-2020	HR MTR 1577.1			OL BOTTLE REMOVED AND SENT TO AEROSPACE TURBINE STABLES FOR SYR INSPECTION. REINSTALLED AND SERVICED AFTER INSPECTION.
				A.P. 450966172 S.W. Johnson TERRA AIRCRAFT SERVICES LLC
2-23-20	HR MTR 1584.6			REPLACED MASTER CONTROLLER WITH NEW PART. OPERATION CHECKED NORMAL.
				A.P. 450966172 S.W. Johnson TERRA AIRCRAFT SERVICES LLC

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 entries.)
5-6-2020	HR MTR 1632.0			CONTROLS, CABLES, PULLEYS AND HINGES CHECKED AND LUBED. LIGHTS CHECKED - OK. EXIT OPERATION CHECKED
7T	1632.0			PER 91-207d - OK. REPLACE BATTERY BY 10-2020 REMOVED JAC REGULATOR FILTER (B3-S-1). BATTERIES CHECKED - REPLACED SHIMS (#083-01100). WHEEL BEARINGS CLEANED, INSPECTED AND REPLACED. LANDING GEAR LUBED. RETRACT CHECK NORMAL AND EMERGENCY PERFORMED - OK. SQUAT SWITCH OPERATION CHECKED - OK. HYDRAULIC RESERVOIR CHECKED AND SERVICED. SERVICED BRAKE RESERVOIR. REPLACED CABIN DOOR SEAL WITH NEW SEAL (#88440-002). C/W SB1280A INSTALLED FIRE EXTINGUISHER KIT #88582-001. INSTALLED NEW SEAT RECLINE CYLINDER FOR SEAT BEHIND PILOT'S SEAT. C/W SB1275 AND SB1291 BY INSTALLING NEW PLACARDS ON NOSE GEAR AND ELEVATOR TABLE. C/W SB1195 CHECK COM ANT FOR CRACKS IN SKIN - OK. CLEAN BONDING AREA FOR

YEAR
20
DATE

Airframe



Columbia Air Services-BHB, LLC
112 Caruso Drive (Hancock County) Bar Harbor Airport - Trenton, ME 04605
CRS#ZKGR483J

N388TW Piper PA46-500TP S/N 4697018 Hobbs 1521.0

Found Ram air blower check valve sticky, cleaned ram air check valve, Serviced vapor cycle with required R132A, replaced flow control valve, installed p/n 1300490-21 s/n 509, work done I/A/W Piper PA46-500TP AMM 21-50-00, 21-40-00 and 21-20-00.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # 5060

Date: 8/19/2019

Signed:

Columbia Air Services - BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

and Alterations
Certificate Number of
per specific entries.)

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 entries.)

9-12-2019

HR MTL 1527.9

REPLACES AFT LOWER CABIN DOOR CABLE WITH NEW
CABLE. (39130-005).

AP450966172 Swales

TECHNICIAN AIRCRAFT SERVICES LLC

12-17-2019

HR MTL 1540.7

REPLACES BATTERY WITH NEW #601910. REFORMED
COMPRESSOR WASH WITH DISTILLED WATER. RUN UP CHECKED
NORMAL EXCEPT GENERATOR IND. PROBLEMS NOT GENERATOR
AND FOUND BAD GCU. PARTS ON ORDER.

AP450966172 Swales

TECHNICIAN AIRCRAFT SERVICES LLC

1-15-2020

HR MTL 1540.7

REPLACES GCU WITH NEW #601-922. REPAIRS FUSE FOR
GCU. GROUND RUN UP CHECKED NORMAL

AP450966172 Swales

TECHNICIAN AIRCRAFT SERVICES LLC

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 entries.)
			PANELS OPENED AND CHECKED FUEL SENSORS - OK. DUE AGAIN 4-2021.
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY
			AP450966172A E Walling TERNSU AIRCRAFT SERVICES LLC

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 entries.)
4-6-2018				CONTROL, CABLES, PULLEY AND LINGERS CHECKED AND LUBED.
HA MTL	1447.8			LIGHTS CHECKED - OK. EGT OPERATION CHECKED PER 91-207d - OK.
				REPLACED BATTERY - OVER AGAIN BY 10-2020. REPLACED
				BETA RING BLOCK (A302). REPLACED LOWER SEALS IN
				LEFT STRUT. SERVICED WITH HYDRAULIC FLUID AND NITROGEN.
				REPLACED HOSES FOR MAIN GEAR ACTUATORS. BLED
				HYDRAULIC SYSTEM AND SERVICED HYDRAULIC RESERVOIR.
				LANDING GEAR LUBED. RETRACT CHECK NORMAL AND EMERGENCY
				PERFORMED - OK. WHEEL BEARINGS CLEANED, INSPECTED AND
				REPACKED. BRAKES CHECKED - OK. REPLACED VAC REGULATOR
				FILTER (B3-S-1). TROUBLESHOOT PROP HEAT FAIL LIGHT ON -
				FOUND DEFECTIVE PROP HEAT TIMER AND REPLACED WITH
				NEW TIMER (691-420). C/W SB 1306 WING RIB INSPECTION -
				NO CRACKS. KIT NOT INSTALLED AT THIS TIME. C/W SB 1175B
				INSPECT PILOTS SID WINDOW FOR CRACKS - OK. DUE EACH
				50 HR. SB 1195 INSPECT SKIN AT COM ANT DUE BY
				HA MTL 1489.7. C/W SB 1202 CHECK BETA REVERSE
				LOCKOUT. - OK. C/W SL 1131 CHECK AND LUBE ALLEMAN

[illegible]

SECTION AND BEARING. DUE EACH 100 HRS. C/W SLIPPS.
ALLOW CABLE AND PULLEY INSPECTION - OK. DUE EACH
100 HRS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH
A ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY

12/24/2017 12:22 PM

TEKZU AIRCRAFT SERVICES LLC

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 entries.)
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Select Avionics, LLC

certified the altimeter system and altitude reporting equipment in accordance with the inspection required by FAR 91.411 & FAR 43 Appendix E Sub-paragraph (b)

Altimeter/Encoder Model Aerosonic s/n 164095
 Tested to 35,000 ft. Date 8/3/16
 Altimeter/Encoder Model GDC 74A s/n 20611822
 Tested to 35,000 ft. Date 8/3/16
 Altimeter/Encoder Model GDC 74A s/n 20611832
 Tested to 35,000 ft. Date 8/3/16
 Altimeter/Encoder Model / s/n /
 Tested to / ft. Date /

N # 388 TW s/n 4697018 Time 1322.7

SELECT AVIONICS McKinney, Texas 75069

FAA # SECR951Y

Signed

Date

SA 08

I certify that this aircraft has been inspected in accordance with FAR 91.413 and Appendix F of FAR 43 inspection and was determined to be in airworthy condition.

Transponder #1 Model GTK 32.7 s/n 83701931

Transponder #2 Model GTX 32.7 s/n 83743495

N # 388 TW s/n 4697018 Time 1322.7

SELECT AVIONICS McKinney, Texas 75069

FAA # SECR951Y

Signed

Date

SA 09

I certify that the static and integration inspection required by FAR 43 Appendix E Sub-Paragraph (a) & (c) have been performed in accordance with FAR 91.411

N # 388 TW s/n 4697018 Time 1322.7

SELECT AVIONICS McKinney, Texas 75069

FAA # SECR951Y

Signed

Date

SA 10

YEAR
20
DATE

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 1104 04-November-2016 WO# 3077 SA 20 HOBBS 1350.0
 N388TW S/N 4697018 PIPER PA46-500TP

DISCREPANCY: Installation.

ACTION: Removed the following equipment:

Garmin GTX 327 Transponder P/N 011-00490-00

Installed the following equipment:

Garmin GTX 345 Transponder P/N 011-03302-00

GTX 345 Installation was done as per STC SA01714WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/28. The following manuals were used for reference: GTX 345 Installation Manual P/N 190-01499-02 Rev 8 September 2016.

All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

Recomputed weight and Balance and entered into aircraft records.

FAA Approved Flight Manual Supplement for the GTX 345 P/N 190-00734-15 Rev 2 March 2016 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 1104 04-November-2016 WO# 3077 SA 20 HOBBS 1350.0
 N388TW S/N 4697018 PIPER PA46-500TP

Continued Airworthiness for this installation should be performed as per attached Instructions for Continued Airworthiness P/N 190-00734-11 Rev 5 October 2016 for the GTX 345 system.

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

Jerry Huntley 11/4/16
 5ECR951Y Jerry Huntley Date

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 entries.)
6-4-2016				
ACR	1310.6			CONTRALS, CABLES, PULLEYS AND HINGES CHECKED AND LUBED. LIGHTS CHECKED - TROUBLESHOOT INOP LEFT STRIBE, NAV AND TAXI LIGHT. FOUND LOOSE PLUGS OR BAD CONNECTIONS AT WING TIP. REPAIRED ALL CONNECTIONS AND OPERATION CHECKED NORMAL. SERVICE STRUTS WITH NITROGEN. ELT OPERATION CHECKED PER 91-207A - OK. REPLACED BATTERY - DUE AGAIN BY NOV 2018. REPLACED VDC REGULATOR FILTER (B3-S-1). WHEEL BEARINGS CLEANED, INSPECTED AND REPACKED. LANDING GEAR LUBED. RETRACT CHECK PERFORMED NORMAL AND EMERGENCY - OK. BRAKES CHECKED - REPLACED BOTH BRAKE DISC AND ALL BRAKE LINES WITH NEW. C/W SB 1296 CHECK MOR LEVER ADJUSTMENT - OK. SL# 1200A FCU NA BY PART NUMBER INSTALLED. C/W SB 1175D INSPECT PILOT'S SIDE WINDOW FOR CRACKS - OK. DUE EACH 50 HRS. C/W SB 1195 INSPECT SKIN AT TOP AND BOTTOM COM ANT FOR CRACKS - OK. DUE EACH 100 HRS. C/W SB 1202 CHECK BETA REVERSE LOCK OUT - OK. C/W SL 1131 CHECK AND LUBE AILERON SECTOR BEARING - OK. DUE EACH 100 HR. C/W SL 1135 CHECK AILERON CABLE AND PULLEYS - OK.

ACR ELECTRONICS, Inc.
Fort Lauderdale, FL 33312 CAGE Code: 18560
ARTEX PRODUCTS
BATTERY PACK: ELT 110-4
PART NO: 452-0130 REV. N
S.N.: 370131-025
EXP. DATE: NOV/2018
ENV CATC1A/DO183/XXXXXXXXXXXX TSO C91a

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 entries.)
				DUE EACH 100 HRS. C/W AD 16-01-01 INSPECT FOR SCALANT ON WING JOINTS PER PARA G. - OK. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY. AP 450966172FA <i>Bob Williams</i> TERRILL AIRCRAFT SERVICES LLC

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 entries.)
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Aircraft Log
Page 1 of 1

CURTIS AIR

176 Harrison St
Pittsfield, Maine 04967
(207) 487-5213
N388TW

Date: October 17, 2014
Model: Piper PA-46-500TP

Installed a new 24 volt aircraft main battery P/N 606-910. Open voltage across the battery met the manufacturer's specifications and installed without a top charge. Removed both outboard fuel covers on the bottom of the right wing, resealed with proseal, and installed.

Signed Caleb K Curtis A&P 2679256
Caleb K Curtis

ACR Electronics, Inc.
5757 Ravenswood Rd Ft. Lauderdale, FL 33312
954-981-3333

LOG BOOK ENTRY
E.L.T. BATTERY
REPLACEMENT DATE

ACR ELECTRONICS, Inc.
Fort Lauderdale, FL 33312 CAGE Code: 60253
ARTEX PRODUCTS
BATTERY PACK: ELT 110-4
PART NO: 452-0130 REV.J
S.N.: 351018-1049
EXP. DATE: OCT/2013
ENV CATC1A/DO183/XXXXXXXXB888 TSO C91a

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 entries.)
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5-20-2015

HRM 1242.8

CONTROLS, CABLES, PULLEYS AND HINGES CHECKED AND
LUBED. LIGHTS CHECKED - OK. EGT OPERATION CHECKED
PER 91-207d - OK. SERVICED HYDRAULIC RESERVOIR.
SERVICED BRAKE RESERVOIR. BRAKES CHECKED - OK.
REPLACED BOTH MAIN TINES (6.00X6 BPA FTTT).
RETRACT CHECK PERFORMED NORMAL AND EMERGENCY -
OK. LUBED LANDING GEAR. WHEEL BEARINGS
CLEANED, INSPECTED AND REPACKED. REPLACED
VAC REGULATOR FILTER (B3-S-1). C/W SB 1175B INSPECT
PILOT'S SIDE WINDOW - OK DUB EACH 50HR. C/W SB 1195 INSPECT
SKIN AT TOP AND BOTTOM COM. ANT. - OK DUB EACH 100HR.
C/W SB 1202 BETA REVERSE LOCKOUT CHECK - OK.
C/W SL 1135 CHECK AILERON CABLE AND PULLEYS. DUB EACH
100HR. C/W SL 1131 CHECK AND LUBE AILERON SECTOR BEARING -
DUB EACH 100HR.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL
INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.
AEP 4596612 IA S. Welch
BASIC AIR SERVICE INC

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 entries.)

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 784 26-February-2014 WO# 2469 SA 20
 N388TW S/N 4697018 PIPER PA46-500TP

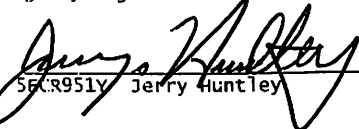
Pg 1 / 1

**** ITEM # 2469-1 SOFTWARE ****

DISCREPANCY: Perform Software Update on G500.
 Model: GDU 620 Part#: 011-01264-50 Serial#: 165201992/165202004

ACTION: Installed new software in GDU 620, SN: 165201992 and GDU 620, SN: 165202004, as per Garmin
 Service Bulletin 1368, Revision B, dated 02/11/2014. Complete check of system normal.

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation
 Agency Regulations and is hereby approved for return to service with respect to work performed.

 2/26/14
 5ECR951Y Jerry Huntley Date

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 entries.)
6-24-14	1144.0			CONTROLS, CABLES, PULLEY AND HINGES CHECKED AND LUBED.
				LIGHTS CHECKED -OK. BRAKES CHECKED -OK- LUBED BRAKING
				G.3M. RETRACT CHECK PERFORMED NORMAL AND EMERGENCY -OK
				SAFETY SWITCH OPERATION CHECKED -OK. WHEEL & BRAKES
				CHECKED, INSPECTED AND REPACKED. SERVED A70 RESERVUE.
				REPLACES ONE REGULATOR FROM (B2-S-1). RE-GLOBE MIDDLE
				RIGHT HEADLIGHT. ADJUST CABLE ON PILOT SEAT FOR
				SEAT ADJUSTMENT. REPLACES NOSE TIRE 5.00X5 SPR
				MICHAEL AIR. C/W SB 1175B INSPECT PILOT'S SIDE WINDOW
				FOR CRACKS -OK. DUE EACH 50 HRS. C/W SB 1195 CHECK TOP
				AND BOTTOM CONSTANT FOR SKIN CRACKS -OK. DUE EACH
				100HR. C/W SB 1202 BETA REVERSE LOCKOUT CHECK -OK.
				C/W SL 1135 CHECK ALIGNON CABLES AND PULLEYS -OK. DUE
				EACH 100HR. C/W SL 1131 CHECK AND LUBE ALIGNON SECTION
				BEARING. DUE EACH 100HR. ELT OPERATION CHECKED PER
				91-202d -OK. REPLACED BATTERY. DUE AGAIN BY
				TIME 2016. 02 BATTERIES REMOVED AND SENT TO AEROSPAC
				FOR TEST -OK. DUE AGAIN BY 6-2019.

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 entries.)

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 761 13-December-2013 WO# 2422 SA 20 AC TT 1118.7
N388TW S/N 4697018 PIPER PA45-500TP

Pg 1 / 1

DISCREPANCY: Perform G500 Software Update.
Model: N/A Part#: N/A Serial#: N/A

ACTION: Installed new software in pilot and copilot G500 units as per Garmin Service Bulletin 1303,
Revision A, dated 01.22.2013. Complete check of system normal.

DISCREPANCY: DME Indicator - Display Erratic.
Model: IND 451 Part#: 690111-P Serial#: 10219

ACTION: Removed IND 451 DME Indicator, PN: 690111-P and SN: 10219. Sent unit to instrument shop for
repair. Switch parts not available at this time. Installed exchange DME Indicator, SN: 1274. DME
now checks normal.

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation
Agency Regulations and is hereby approved for return to service with respect to work performed.

Jerry Huntley 12/12/13
5ECR951Y Jerry Huntley Date

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 entries.)

Select Avionics, LLC

certified the altimeter system and altitude reporting equipment in
accordance with the inspection required by FAR 91.411 & FAR 43
Appendix E Sub-paragraph (b).

Altimeter/Encoder Model *Aerosonic* s/n *164095*

Tested to *35,000* ft. Date *11/18/13*

Altimeter/Encoder Model *GDC74A* s/n *20611822*

Tested to *35,000* ft. Date *11/18/13*

Altimeter/Encoder Model *GDC74A* s/n *20611837*

Tested to *35,000* ft. Date *11/18/13*

Altimeter/Encoder Model _____ s/n _____

Tested to _____ ft. Date _____

N # *388TW* s/n *4697018* Time *1118.7*

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y *Jerry Huntley* 11/18/13

SA 08 Signed Date

I certify that this aircraft has been inspected in accordance with FAR
91.413 and Appendix F of FAR 43 inspection and was determined to
be in airworthy condition.

Transponder #1 Model *GTX 327* s/n *83701931*

Transponder #2 Model *GTX 327* s/n *83743495*

N # *388TW* s/n *4697018* Time *1118.7*

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y *Jerry Huntley* 11/18/13

SA 09 Signed Date

I certify that the static and integration inspection required by FAR 43
Appendix E Sub-Paragraph (a) & (c) have been performed in
accordance with FAR 91.411

N # *388TW* s/n *4697018* Time *1118.7*

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y *Jerry Huntley* 11/18/13

SA 10 Signed Date

[illegible]

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 entries.)
6-7-2013				CONTROLS, CABLES, PULLERS AND HINGES CHECKED AND LUBED.
HL MTR	1080.5			LIGHTS CHECKED - FOUND LOOSE PLUG FOR LEFT NAV LIGHT ASSEMBLY - CORRECTED DIVE. WHEEL BEARING LUBES, INSPECTED AND REPAIRED. BRAKES CHECKED - OK. LANDING GEAR LUBED. HYD RESERVOIR SERVICES. RETRACT CHECK NORMAL AND EMERGENCY PERFORMED - OK. FUEL SWITCH OPERATION CHECKED - OK. FUEL BRAKE RESERVOIR. EGT OPERATION CHECKED PER 91-207A - OK. REPAIR BATTERY BY 10-2013. REPAIRS WIRE REGULATOR FILTER (B3-5-1). C/W SB 1175B INSPECT PILOT'S SIDE WINDOW FOR CRACKS - OK. DUE EACH 50 HRS C/W SB 1195 REMOVE TOP AND BOTTOM CON ANT TO CHECK FOR SIDE CRACKS - OK. DUE EACH 100 HRS. C/W SB 1202 BETA REVERSE LOCKOUT CHECK - OK. C/W SL 1131 CHECK AND LUBE ALIGNMENT SECTOR BEARING. DUE EACH 100 HRS. C/W SL 1135 CHECK ALIGNMENT CABLE/PULLER - OK. DUE EACH 100 HRS.

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 entries.)
				AIRCRAFT is hereby stated that this aircraft has been inspected in accordance with a 100 hr. check and found to be in airworthy condition. DATE 6-7-2013 TACH 1080.5 SIGNED <u>Eddie Wells</u> JA 452566172 ROCKWALL AIR SERVICE, INC. AD 13-13-01 C/W SB 1253 INSPECT FUEL VENT VALVE - ORANGE VALVE INSTALLED. NO FURTHER ACTION REQUIRED. AP450966172 <u>Swill</u> ROCKWALL AIR SERVICE, INC.
7-12-13				
HL MTR	1094.5			

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 entries.)
6-10-23	12			SWITCHES, CABLES, PULLERS AND LAMPS CHECKED AND
10 MILE	999.3			LUBED. LIGHTS CHECKED REPAIRS NAV LIGHT CONTROL
				ELECTRONIC MODULE (#15227-007). REPAIRS WERE
				RECEIVED FROM (#83-5-1). BATTERY CHECKS OK. SERVED
				H70 BATTERY RECHARGE. LAMPING GON RATCHET CHECK
				PERFORMED WORK AND ONBOARD WIL. SERVICES
				HYDRAULIC LAMPING GON RECHARGE. WHOLE BATTERY
				CHARGED, INSPECTED AND APPROVED. LAMPING GON LUBED
				GET OPERATION CHECKS FOR 91-272 OK. BATTERY BATTERY
				BY OCT 2013. REPAIRS ARE LOWER DOOR CABLES WITH
				NEW CABLES (#89630-005). REPAIRS BATTERY
				ADJUSTED CABLES ON BOTH SEATS (#554-422).
				C/W SB 1175B PILOT'S SIDE WINDOW OK. DUE OVER 50
				HRS. C/W SB 1195 REW CABLE AT WY AT. DUE OVER
				100 HRS. C/W SB 1202 BOTA LAMPING WEL OUT. DUE OVER
				100 HRS. C/W SL 1131 WIRE SECTOR BATTERY. C/W SL 1135
				CONTROL CABLE/PULLER INSPECTION.

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 entries.)
				I certify that this aircraft has been inspected in accordance with a check ^{check} annual ^{annual} inspection and determined to be in airworthy condition. DATE <u>6-10-2012</u> ^{4 AM} <u>999.3</u> SIGNED <u>[Signature]</u> <u>45396612</u> ROCKWALL AIR SERVICE, INC.

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 entries.)
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Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 510 22-December-2011 WO# 1902/1 SA 20 HOBBS 969.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 3 / 4

Pilot, Meggitt DAU and Garmin GMA 340 Audio Panel. Sent Autopilot to Cobham for WAAS Upgrade on 1500 Autopilot Per SB08-005R2 and Cobham RMA 70275. Recomputed weight and Balance and entered into aircraft records.

Garmin G500 installations were done as per STC SA02015SE-D. Garmin GNS-530W installation was done as per STC SA01933LA. Garmin GDL-69A installation was done as per STC SA01487SE-D. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-18/2B. The following manuals were used for reference: Garmin G500 installation manual P/N 190-01102-06 Rev. 6, Aug, 2011, Garmin GMA-340 installation manual P/N 190-00149-01 Rev. L, Jun, 2003, Garmin GDL-69A installation manual P/N 190-00355-0 Rev. J, Jul, 2009, Garmin GTX-327 installation manual P/N 190-00187-02 Rev P May 1, 2011 and Garmin GNS-530W installation manual P/N 190-00357-02 Rev. G, Dec, 2008. The following circuit protection was used for this installation: The following items were installed on the main power bus located on the CoPilot's side panel: Garmin GDU-620 #1 installed using 5 AMP circuit breaker, Garmin GDC 74#1 installed using 5 AMP circuit breaker, Garmin GRS 77#1 installed using 5 AMP circuit breaker, Garmin GDU-620 #2 installed using 5 AMP circuit breaker, Garmin GDC 74 #2 installed using 5 AMP circuit breaker, Garmin GRS 77 #2 installed using 5 AMP circuit breaker. The following items were installed on the Avionics power bus located on the CoPilot's side panel: Garmin GDL-69A installed using 5 AMP circuit breaker, Garmin GTX 327 installed using 5 AMP circuit breaker.

FAA Approved flight manual supplement for the G500 p/n 190-01102-01 Rev. 2, Oct, 2009 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation. FAA Approved flight manual supplements for the GNS-530W P/N 190-00357-03 Rev. B, Jul, 2009 have been provided to the aircraft owner/operator and must be on board the aircraft for this

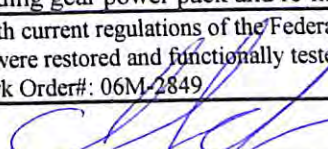
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 510 22-December-2011 WO# 1902/1 SA 20 HOBBS 969.4
N388TW S/N 4697018 PIPER PA46-500TP

Pg 4 / 4

installation. Continued Airworthiness for this installation should be performed as per attached Instructions for Continued Airworthiness P/N 190-01102-00 Rev. 2, Nov, 2009 for the Garmin G500 System, P/N 190-00357-65 Rev. B, Jul, 2009 for Garmin GNS-530W and P/N 190-00355-00 Rev. D, Jul, 2009 for the Garmin GDL-69A System. Copies have been provided to the aircraft owner/operator for inclusion into the aircraft maintenance records.

Jerry Huntley 12/22/11
3267153 Jerry Huntley Date

 Cutter Aviation Dallas, Inc. 1500 East Industrial Boulevard Suite 100 McKinney, Texas 75069				
Registration:	N388TW	Airframe Log Entry	Hour Meter	971.6
Model No.	PA46-500TP			
Serial No.	4697018			
Complied with service bulletin 1243A by verifying correct operation of landing gear power pack and re-marking mod "C". 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#: 06M-2849				
Date:	February 2, 2012	CRS# UXCR663X	 Christopher Gradisar	

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 510 22-December-2011 WO# 1902/1 SA 20 HOBBS 969.4
N388TW S/N 4697018 PIPER PA46-500TP

KUP-360 EGPWS P/N 066-01196-0205
KMD-850 P/N 066-04035-0301
KDR-610 P/N 4092743-902
EFIS PFD P/N 84-133-1
EFIS PFD P/N 84-133-1
EFIS NAV Display P/N 84-134-1
EFIS NAV Display P/N 84-134-1
ADAHRS P/N 37002-01-01
ADAHRS P/N 37002-01-01
Mag Sensor P/N 6446
Mag Sensor P/N 6446
Annunciator P/N MD41-1208
WX Antenna P/N C1420-10
Garmin GA-56 Antenna P/N 011-00134-00
Garmin GA-56 Antenna P/N 011-00134-00
Antenna P/N 071-01553-0200
Turn Coordinator P/N 6405-28L

Garmin	GDC 74A	Air Data	Computer	P/N 011-00882-10	installed at	F.S. 269
Garmin	GDC 74A	Air Data	Computer	P/N 011-00882-10	installed at	F.S. 269
Garmin	GRS 77	G600	AHRS	P/N 011-00868-10	installed at	F.S. 269
Garmin	GRS 77	G600	AHRS	P/N 011-00868-10	installed at	F.S. 269

[illegible]

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 510 22-December-2011 WO# 19021 SA 20 HOBBS 969.4
N388TW S/N 4697018 PIPER PA46-500TP

Garmin	GMU 44	G600 Magnetometer	P/N 011-00870-00	installed at	F.S.	291
Garmin	GMU 44	G600 Magnetometer	P/N 011-00870-00	installed at	F.S.	291
Garmin	GDU 620	PDF P/N 011-01264-50	installed at	F.S.	115	
Garmin	GDU 620	PDF P/N 011-01264-50	installed at	F.S.	115	
Garmin	GTP-59	P/N 011-00978-00	installed at	F.S.	158	
Garmin	GTP-59	P/N 011-00978-00	installed at	F.S.	158	
Garmin	GA 35	WAAS Antenna	P/N 013-00235-00	installed at	F.S.	150
Garmin	GA 35	WAAS Antenna	P/N 013-00235-00	installed at	F.S.	150
Garmin	TXP Antenna	P/N CI-105	installed at	F.S.	116	
Garmin	GDL-69A	P/N 011-00987-00	installed at	F.S.	269	
Garmin	GA 55	XM Antenna	P/N 011-01033-00	installed at	F.S.	182
Garmin	GTX-327	Transponder	P/N 011-00490-00	installed at	F.S.	113

Garmin GNS-530 WAAS Upgrade:
Garmin GNS-530 units were previously installed original equipment. See original Equipment list issued 08/30/2000 for S/N 46970818. Removed GNS-530 p/n 011-005510-00 s/n 78301309. Unit was upgraded to GNS-530w p/n C11-01064-45 s/n 78301309 under Garmin International RMA 35925412. Removed GNS-530 p/n 011-005510-00 s/n 78301374, unit was upgraded to GNS-530w p/n 011-01064-45 s/n 78301374 under Garmin International RMA 35925412. Removed GA-56 antennas and installed Garmin GA-35 GPS Antennas S/N 75331 and 75309.

Both Garmin G500 #1 and Garmin G500 # 2 are interfaced to the following existing equipment: #1 Garmin GNS-530W, #2 Garmin GNS-530W, GTP-59 Temp Probe, Garmin GMU-44, Garmin GR5-77, Garmin GDC-74, Garmin #1 CTX-327, Garmin #2 GRX-327, TRC-497 Skywatch, Garmin GDL-69A, Meggitt 1500 Auto

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 entries.)
3-19-2011	906.2			CHECKED FITTING ON A/C COMPRESSOR AND FOUND LOOSE - TIGHTENED FITTING AND SERVICED A/C WITH 134A FUEW. TROUBLESHOOT WOP RIGHT TAXI LIGHT AND STRIKE LIGHTS - FOUND RELAYS BAD. REPLACED BOTH RELAYS AND LIGHTS WORK NORMAL. REPLACED BATTERY WITH NEW CONCORDS BATTERY PAPER PART # 601-910. (RG-41)
				A-P450960172.
6-28-2011	919.9			CONTROLS, CABLES, PULLEYS AND HINGES CHECKED AND LUBED. LIGHTS CHECKED - OK. ELT OPERATION CHECKED PER 91-2074 - OK. BRAKES CHECKED - OK. WHEEL BEARINGS CLEANED, INSPECTED AND REPACKED. LANDING GEAR LUBED. RETRACT CHECK NORMAL AND EMERGENCY PERFORMED - OK. REPLACES VACUUM REGULATOR

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 entries.)
				FILTER (B3-S-1). C/W SL 1120 BY ADDING OIL TO A/C SYSTEM. A/C SYSTEM SERVICED WITH 134A. SERVICED HYD RESERVOIR AND BRAKE RESERVOIR. HYDRASTATIC CHECK ON O2 CYLINDER DUE BY APRIL 2012. WING FUEL STRAINER CHECK DUE BY JUNE 2012 C/W SB 117SB INSPECT WINDOW FOR CRACKS - OK. DUE EACH 50 HRS. C/W SB 119S CHECK SKIN FOR CRACKS AT COM ANTENNAS - OK. DUE EACH 100 HRS. C/W SB 1202 CHECK BETA REVERSE LOCKOUT LEVER - OK. DUE EACH 100 HRS. C/W AD 05-12-20 PROP REICE BOOT INSPECTION - OK. C/W SB 1218 RUDDER SKIN INSPECTION - OK. SB 1230 PCW PER SB 1177. C/W SL 1130 LUBE AILERON SECTOR BEARING. C/W SL 1135 LUBE CONTROL CABLE PULLEYS. REPLACES BATTERY - DUE AGAIN BY OCT 2013.

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 entries.)
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N388TW Engine Log Entry

12/20/2010

Hobbs: _____

Replace standby alternator belt with new P/N 73965-023, per customer request.

THE AIRCRAFT, AIRFRAME, ENGINE COMPONENTS, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED OR OVERHAULED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ON THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 50-00451 DATE 12/20/2010

AUTHORIZED SIGNATURE _____
CRS# 6MXR656B

50-00451

MAINE ARO SERVICES, INC.
154 MAINE AVENUE BANGOR, ME 04401
TEL (207)990-5555

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 entries.)
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Select Avionics LLC

certified the altimeter system and altitude reporting equipment in accordance with the inspection required by FAR 91.411 & FAR 43 Appendix E Sub-paragraph (b).

Altimeter/Encoder Model <u>144551H</u>	s/n <u>114007621</u>
Tested to <u>35000</u> ft.	Date <u>5/9/11</u>
Altimeter/Encoder Model <u>144551H</u>	s/n <u>114008775</u>
Tested to <u>35000</u> ft.	Date <u>5/9/11</u>
Altimeter/Encoder Model <u>16450-1147</u>	s/n <u>164095</u>
Tested to <u>35000</u> ft.	Date <u>5/9/11</u>
Altimeter/Encoder Model _____	s/n _____
Tested to _____ ft.	Date <u>5/9</u>

N # 388TW s/n 4697018 Time 919.5

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y _____
Signed _____ Date 5/9/11

I certify that this aircraft has been inspected in accordance with FAR 91.413 and Appendix F of FAR 43 inspection and was determined to be in airworthy condition.

Transponder #1 Model GTX 327 s/n 83701931

Transponder #2 Model _____ s/n _____

N # 388TW s/n 4697018 Time 919.5

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y _____
Signed _____ Date 5/9/11

I certify that the static and integration inspection required by FAR 43 Appendix E Sub-Paragraph (a) & (c) have been performed in accordance with FAR 91.411

N # 388TW s/n 4697018 Time 919.5

SELECT AVIONICS McKinney, Texas 75069

FAA # 5ECR951Y _____
Signed _____ Date 5/9/11

[illegible]

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 entries.)
9-18-09				REPAIRED NOSE GEAR DOWN SPRING
11-2-09	779.6			WITH NEW SPRING # 687-131 PER SB 1193
				AP 450966172 Sullivan RECOMMEND SERVICE.
6-5-10				ANNUAL INSPECTION PERFORMED. CONTROLS, CABLES, PULLEYS AND HINGES CHECKED AND LUBED. LIGHTS CHECKED - OK. ELI OPERATION CHECKED PER 91-2072 - OK. REPLACE BATTERY BY 6-2011. REPLACED VAC REGULATION FILTER (B3-S-1). 513 1181B PREVIOUSLY COMPLIED WITH PER SB 1181 ON 5-7-2008. C/W SB 1195 BY CHECKING SKIN FOR CRACKS AROUND COM ANT. INSTALLED SPACER # 106774-002 ON TOP COM ANTENNA. SPACER PREVIOUSLY INSTALLED ON LOWER ANT. DOB EACH 100 HRS. C/W SB 1232 CHECK BETA/REVERSE LOCKOUT LEVER - OK DOB EACH 100 HRS.

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 entries.)
				C/W SB 1175 check pistons window for cracks - OK over each 50 hrs. C/W AD 05-18-20 prop service boot inspection - OK. wheel bearing cleaned inspection and repairs. brakes checked - OK landing gear lubed. Return check normal and emergency checked - OK. landing gear lubed. O₂ bottles due 300 hr inspection by 899.3 serviced hydraulic reservoir. Panels opened in wings to check fuel screens - OK. Reinstated and service panels removed for inspection.
				I certify that this aircraft has been inspected in accordance with a (annual / 100 hr) inspection and determined to be in airworthy condition. DATE 6-5-10 TACH 12 MTR 827.2 SIGNED Eddie Walling IA 4509160225
				ROCKWALL AIR SERVICE, INC.

YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 215 31-July-2009 WO# 1393/1 SA 20 HOBBS 766.7
 N388TW S/N 4697018 PIPER PA46-500TP

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**** ITEM # 1393-1 Install ****

DISCREPANCY: Install of KDR 610

ACTION: Removed the following equipment:

KDR 510 FIS P/N 064-10088-0101

Datalink Antenna P/N CI248-180

Installed the following equipment:

Honeywell KDR 610 XM Weather Receiver P/N 4092736-2

XM Antenna P/N CI420-10

Weight & Balance has been completed and entered in POH and Aircraft Records.

All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2A.
 The following manual was used for reference: Honeywell KDR 610 XM Radio Weather Satellite Receiver
 Installation Manual, P/N 006-10714-0000 Rev 0 dated January, 2007 and Honeywell KMD 550/850
 Installation and Maintenance Manual P/N 006-20015-0000 Rev C. This installation was performed per
 Honeywell STC SA1105WI-D.

The KDR XM Receiver was installed on existing avionics racks at F.S. 109 according to
 instructions in the Honeywell KDR 610 XM Radio Weather Satellite Receiver Installation Manual, P/N
 006-10714-0000 Rev 0 dated January, 2007.

An XM Antenna was installed on the top of the aircraft at F.S. 136. DER 8110-3 dated 07/22/2009
 was used for a reference for this installation. See drawings N388TW-072209-1 sheets 1-3 for
 additional reference.

YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
 LOG ID# 215 31-July-2009 WO# 1393/1 SA 20 HOBBS 766.7
 N388TW S/N 4697018 PIPER PA46-500TP

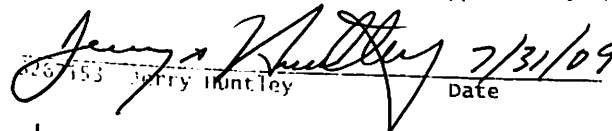
Pg 2 / 2

The Honeywell KDR 610 is displayed on Honeywell KMD 550 Display per the Honeywell KMD 550/850
 INSTALLATION AND MAINTENANCE MANUAL Rev C Dated August of 2007.

Ground checks have been conducted to confirm that the above installed equipment meet the
 operational specifications of the manufacturer per Honeywell KDR 610 XM Radio Weather Satellite
 Receiver Installation Manual, P/N 006-10714-0000 Rev 0 dated January, 2007 and the Honeywell KMD
 550/850 INSTALLATION AND MAINTENANCE MANUAL Rev C Dated August of 2007. This data has been
 recorded and filed with work order #1393 at repair station #5ECR951Y.

Continued Airworthiness for this installation should be performed as per attached Instructions
 for Continued Airworthiness. A copy has been provided to the aircraft owner/operator for
 inclusion into the aircraft maintenance records.

The aircraft, appliance identified above was repaired in accordance with current Federal Aviation
 Agency Regulations and is hereby approved for return to service with respect to work performed

 7/31/09
 Date

Aircraft Record General Information

Manufacturer Piper

Serial 4697018

Model PA-46-500TP

Registration Number N388TW

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Pratt & Whitney

Model PT6A-42A

Serial PCE-Rm0021

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell

Model HC-EYN-3Q

HUB Model _____

Serial HH1015

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

AIRCRAFT LOG

1



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	HYDRAULIC RESERVOIR. BRAKES CHECKED -OK SERVICED			
	BRAKE RESERVOIR. C/W SB 1195 INSPECT SKIN FOR CRACKS			
	AT COM ANT LOCATION. NO CRACKS. INSTALLED SPACER			
	ON LOWER COM ANT - SPACER FOR UPPER COM ON ORDER.			
	REPLACES SCREWS WITH AN3C BOLTS. INSPECTION DUE			
	AT EACH ANNUAL/100HR C/W SB 1192 BY INSTRUMENT			
	STALL WARNING HEAT CONTROL KIT # 88452 - 002 OPERATION			
	CHECKED -OK C/W SB 1202 BETA/REVERSE LOCKOUT			
	INSPECTION - CUTTER PIN IS INSTALLED AND HARDWARE TIGHT.			
Total To Carry Forward				OPERATION CHECKED NORMAL C/W SB 1175A

Registration No. _____

and Remarks	Signature	Certificate No.
CHECK PILOTS SIDE WINDOW FOR CRACKS -OK DUE EACH 50HRS.		
OL BOTTLE DUE 300HR INSPECTION BY 899.3 AND HYDRAULIC CHECK BY		
4-2012. C/W SB 1190A AIRCRAFT QUANTITY INSPECTION -OK.		
R/W AD 08-26-11 BY S/B 1192. C/W AD 05-18-20 PROP DEICE		
BOOT INSPECTION -OK. DUE BEFORE FIRST FLIGHT EACH DAY		
I certify that this aircraft has been inspected in accordance with the requirements of the Federal Aviation Regulations and determined to be in airworthy condition. DATE <u>5-25-09</u> TACH <u>740.8</u> SIGNED <u>E. W. Williams</u> FAA # <u>455966172</u> ROCKWALL AIR SERVICE, INC.		

AIRCRAFT LOG

Aircraft Time

Record

Registration No.

and Remarks

Signature

Certificate No.

#1
IAW FAR 91.411 The altimeter make Meggitt
Model M007621 and S/N M007621
Tested to 30 K ft. and found to comply with
FAR 43 App. E see W.O. 4778
Inspected by [Signature] Date 12-8-08
Sparrow Avionics Inc. FAA CRS XXYY919L
3211 C.R.384 Tyler Texas 75708 1-800-416-8548

Encoder ☒ Pitot Heat ☒ Static ☒

IAW FAR 91.413 The transponder make Garmin
Model GTX 327 and S/N 83701931
Was tested and inspected and found to comply with
FAR 43 App. F see W.O. 4778
Inspected by [Signature] Date 12-8-08
Sparrow Avionics Inc. FAA CRS XXYY919L
3211 C.R.384 Tyler Texas 75708 1-800-416-8548

#2
IAW FAR 91.411 The altimeter make Meggitt
Model ADAHRS and S/N M0088725
Tested to 35 K ft. and found to comply with
FAR 43 App. E see W.O. 4778
Inspected by [Signature] Date 12-8-08
Sparrow Avionics Inc. FAA CRS XXYY919L
3211 C.R.384 Tyler Texas 75708 1-800-416-8548

Standley
IAW FAR 91.411 The altimeter make Aeroduc
Model 164050 and S/N 164095
Tested to 35 K ft. and found to comply with
FAR 43 App. E see W.O. 4778
Inspected by [Signature] Date 12-8-08
Sparrow Avionics Inc. FAA CRS XXYY919L
3211 C.R.384 Tyler Texas 75708 1-800-416-8548

and Remarks	Signature	Certificate No.
5-25-09		
PERFORMED ANNUAL INSPECTION		MANUAL
HEMME 740.8		767-009. CONTROLS, CABLES, PULLEYS AND
767-009. CONTROLS, CABLES, PULLEYS AND		SWITCHES
CHECKED AND LUBED. LIGHTS CHECKED - OK		AT DISPOSITION
CHECKED PER 740.8 - OK. REPLACED BATTERY - DUE AGAIN BY		
JAN 2011. WHEEL BEARINGS CLEANED, LUBRICATED AND ADJUSTED.		
REPLACED DUE BEARING AND NUT IN NUT WHEEL. REPLACED		
VAC REGULATOR FILTER (83-5-1). MAIN BATTERY AND EMERGENCY		
BATTERY REMOVED AND SENT TO FORTYFIVE FOR CAPACITY		
CHARGE. SEE TAGS FOR DETAILS. REINSTALLED AFTER CHARGE.		
RESET CHECK NORMAL AND EMERGENCY PERFORMED - OK		
SAFETY SWITCH OPERATION CHECKED - OK. SERVICED		

Registration No. _____

and Remarks	Signature	Certificate No.
6-7-2008		
REPLACES REMOTE SWITCH FOR RIGHT FUEL PUMP WITH		
H1 MTR 682.2 NEW SWITCH FROM PAPER (#602535). OPERATION CHECKED		
NORMAL OPEN TWO PANELS IN EACH WING AND		
INSPECT FUEL SCREENS - OK. DUE EACH 2 YRS.		
	AP 455966172 Subling	
	RECEIVED AIR SERVICE INC	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
5-7-2008	PERFORMED ANNUAL INSPECTION PER INSTRUCTION MANUAL			
HMTA 667.8	761-009. CONTROLS, CABLES, PULLEYS AND HINGES CHECKED			
	AND LUBED. LIGHTS CHECKED - REPLACED REMOTE SWITCH			
	FOR RIGHT TAXI LIGHT WITH NEW SWITCH #602-518. OPERATION			
	CHECKED NORMAL. BATTERY BOX AND CONNECTIONS CHECKED - OK.			
	ELT OPERATION CHECKED PER 91-2014 - OK. REPLACE BATTERY			
	BY AUG 2009. RETRACT TEST PERFORMED NORMAL AND			
	EMERGENCY - OK. SHUNT SWITCH OPERATION CHECKED - OK.			
	LANDING GEAR LUBED. BRAKES CHECKED - OK. SERVICED			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
BRAKE RESERVOIR, HYD RESERVOIR CHECKED - OK. WHEEL BEARINGS		1
CLEANED, INSPECTED AND REPACKED C/W S/B 1175A INSPECT PILOT'S		
SIDE WINDOW FOR CRACKS - OK. DUE EACH 50 HRS. O ₂ BOTTLE		
HYDROSTATIC TEST DUE BY 4-2012. 300 HR INSPECTION OF O ₂ BOTTLE DUE		
BY HMTA 899.3. STANDBY ATTITUDE INDICATOR CHECKED - OK. DUE EACH 30		
DAYS. INSPECTED AIRCRAFT STRUCTURE PER 7YR INSPECTION - OK. TWO FULL		
STAINLESS IN WING TANKS CHECKED - OK. DUE AGAIN BY 5-2010.		
C/W S/B 1181 CLEARANCE CHECKS - OK.		
I certify that this aircraft has been inspected in full accordance with a "visual" inspection and determined to be in airworthy condition. DATE 5-7-2008 HMTA 667.8 SIGNATURE <i>[Signature]</i> 455966172 ROCKWALL AIR SERVICE, INC.		

10/11/07 AirFrame logBook entry

Replaced faulty left main fire tube, leak checked tubes - No leaks - Reinstall

Take unit now holiday Air.

Shel Bell CR5 32SR196J

125.58.6

THE AIRCRAFT AIRFRAME, ENGINE, COMPONENT, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED OR OVERHAULLED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ON THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 54540 DATE 12/11/07 1.1

AUTHORIZED SIGNATURE 
INSPECTION CERTIFIED REPAIR STATION DSR1963
TELEPORTATION SERVICES, INC.
154 MAINE AVENUE
BANGOR, ME 04401 TEL: (207) 999-5555

R 10/11/07
S. C. C. C. C.

1-3-2008

RESPONSE HYDRAULIC HOSE FOR UP CYCLE ON RIGHT MAIN GEAR

MR MR 667.2

ACROSS WITH NEW HOSE, SERVICES 425046 425046.

CYCLE GEAR THROUGH 5 CYCLES - OR. SERVICE STRUTS

WITH NITROGEN, C/W SL1107A BY DISCONNECTING AND CRIMPING

Total To
Carry Forward

WING AS PER INSTRUCTIONS. GENERATOR LIGHT O/D.

Maintenance

Registration No. _____

and Remarks

Signature

Certificate No

NOT WORK AFTER DISCONNECTING WIRE. RECONNECTED WIRE AND

INSTRUCTIONS FROM SKETCH AND GENERAL LIGHT WORKS MARCH

NOW, S/B SL 1107A NOT COMPLIED WITH AT THIS TIME.

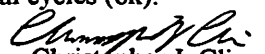
AP450966172 E. W. Brown

ROCKWELL AIR SERVICE INC

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
I certify that this aircraft has been inspected in accordance with a () inspection and determined to be in airworthy condition.				
DATE	4-14-2007	599.3		
SIGNED	[Signature]			
IA REP	450966172			
ROCKWALL AIR SERVICE, INC.				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
AIRFRAME LOG N388TW May 3, 2007 Hobbs: 603.3 Savannah Aviation WO: S0705 Installed a new up pressure switch p/n 767-238. Ran gear through 2 normal cycles (ok).  Christopher J. Cline A&P 3076952 IA		
7-6-2007 C/W SB 1175A INSPECT STORM WINDOW FOR CRACKS - OK. DUE ELEM 50 HRS.		
7-6-2007 C/W SB 1173A TRIM AFT LOWER COWL FLANGE FOR ADDITIONAL OIL		
620.9 NOISE CLEARANCE. C/W SB 1183 PART 3 - III. C/W SB 1166 REPLACES		
STALL HEAT ELECTRONIC CONTROL MODULE (102227-007). C/W SB 1177		
UPGRADE NOISE WHEEL TO 40-776.		
AC 450966172 [Signature] ROCKWALL AIR SERVICE, INC.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-14-2007		PERFORMED ANNUAL INSPECTION PER INSTRUCTION		
12/1/11	599.3	MANUAL 767-009. CONTROLS, CABLES, PULLEYS AND		
		HINGES CHECKED AND LUBED. EGT OPERATION CHECKED		
		PER 91-207d - OK. REPLACES EGT BATTERY - DUE AGAIN BY		
		DEC 2008. O ₂ BOTTLES REMOVED FOR HYDROSTATIC TEST		
		AND REFILL. TEST OK AGAIN BY 4-2012. REPLACES		
		NOSTING (S.O.U.S. NICHOL). RADIOS CHECKED - OK.		
		WHEEL BEARINGS CLEANED, INSPECTED AND REPAIRED.		
		LANDING GEAR LUBED. RESET EGTIC NORMAL AND		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
EMERGENCY PERFORMANCE - OK. REPLACES WASH AIRFLOW FILTER (B3-S-1).		
C/W VSP 181 PROP IDLE RPM - OK (PROP IDLE 1300 RPM). C/W VSP 179		
CHECK FLOW VALVE IS INSTALLED IN CORRECT DIRECTION - OK. C/W SB 1176		
CHECK RUDDER QUADRANT/TORQUE TUBE - OK INSTALLED CORRECT. SB 1154B		
NO LONGER APPLIES - NEW MOUNT INSTALLED (102460-036). C/W SB		
1158A BY INSTALLING NEW ACCESSORY DRIVE PULLEY AND CAP.		
C/W SB 1175 INSPECT PILOT'S SIDE WINDOW FOR CRACKS - OK NO CRACKS.		
DUE GARN SD HAS. C/W SB 1170 BY ADDING LOUVERS COVER ASSEMBLY.		
S/B 1166 AND 1177 INSPECTED AND PARTS ARE ON ORDER.		

Vero Beach Aviation, Inc.
Aircraft Log

Date: 12/18/2006
Hobbs: 592.1
WO#: 5359

Reg#: N388TW
Aircraft S/N: 4697018
Model: PA46-500TP

Performed Yaw Amp alignment IAW Piper Meridian Maint. Manual 22-10-00

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.

Signature: [Signature] FAA CRS VQVR013Y
Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

Total To Carry Forward				

Vero Beach Avionics, Inc.
Aircraft Log

The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been tested in accordance with FAR 91.411 and conforms to FAR PT 43, Appendix E.

#1 ADAHRS:	MEGGITT	S/N: M007621	TO: 35,000	FT
#2 ADAHRS:	MEGGITT	S/N: M008775	TO: 35,000	FT
STBY ALTIMETER:	AEROSONIC	S/N: 164095	TO: 35,000	FT

The following transponder(s) have been tested in accordance with FAR 91.413 and conforms to the specifications set forth in FAR PT 43, Appendix F

#1 XPDR Model:	GTX-327	S/N:	83701931
#2 XPDR Model:	N/A	S/N:	N/A

W/O# 5359 DATE: 12/18/2006 Signature: [Signature]
Vero Beach Avionics, Inc. FAA CRS VQVR013Y Vero Beach, FL 32960 (772) 299-0770

12-6-2026	REPORTED PUBLIC IN NIGHT AND TIME	
	ADP450966122 Switching	
	ADP450966122 Switching	

Total To
Carry Forward



I certify that this (aircraft) ^{engine} has been inspected in accordance with the (manual) ^{annual} inspection and determined to be in satisfactory condition.

DATE 4-25-2006 TASH 532-0

SIGNED Sam Walker

(IA) 453906172

ROCKWALL AIR SERVICE, INC

6-8-2006	REPLACES FUEL BOOST PUMP # 461-753 IN
HA MTR 537.0	LEFT WING.

AP450966172 Ewobony
RXCWU AN SERVICE

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-9-2005	C/W SB 1159			FUEL CHECK VALVES - OK. VALVES
HA MP 532.1				HAD BEEN REPLACED 12-21-2001. 592-670 REVA INSTALLED.
				INSTALLED PITOT/STATIC SYSTEM MODIFICATION
	KIT # 767-377.			LEAK CHECKED - OK.
				INSPECTED AILERON RIVET PER SL 1065 -
	OK.			C/W SL 1097 FLAP BELLCRANK INSPECTION -
	OK.			AP 453766172
Total To Carry Forward				E. Walling Assemble on schematic.

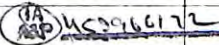
Registration No. _____

and Remarks	Signature	Certificate No.
4-25-2006		
ANNUAL INSPECTION PERFORMED PER INSPECTION		
HA MP 532.0		
MANUAL 767-339. EGT OPERATION CHECKED PER		
91-207d - OK. REPLACE BATTERY BY 4-2007. LIGHTS		
CHECKED - OK. CONTROLS, CABLES, PULLEYS AND HINGLES		
CHECKED AND LUBED. CABLE TENSIONS CHECKED - OK.		
REPLACED WAC REGULINE FILTER (B3-S-1).		
OPEN WING PANELS AND INSPECTED FUEL SCREENS		
AND FUEL PROBES - OK. WHEEL BEARINGS CLEANED,		
INSPECTED AND REPAIRED - REPLACED BEARINGS AND		
RINGS IN NOSE WHEEL. BRAKES CHECKED - REPLACED		
BOTH BRAKE DISC AND ALL BRAKE LININGS.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-29-2003				ANNUAL INSPECTION PERFORMED PER INSPECTION
4-29-2003	454.2			MANUAL 767-009. LEFT OPERATION CHECK PER
				91-207d. -OK. REPLACED BATTERY. JIB AGAIN
				BY 4-2007. TROUBLESHOOT AIRCRAFT NOT POWERING
				UP - FOUND DEFECTIVE MASTER BATTERY CONTACT.
				REPLACED WITH NEW PART (#557-630). OPERATION
				CHECKS NORMAL. LIGHTS CHECKED -OK. BATTERIES
				CHECKED AND SERVICES. REPLACED VAC REGULATOR
				FILTER (B3-S-1). REPLACED OIL FORMER
Total To Carry Forward				ELEVATOR TRIM CABLE (RIGHT SIDE) WITH

Registration No. _____

and Remarks	Signature	Certificate No.
NEW CABLE DUE TO FOUR BROKEN STRANDS. (# 82815-053).		
WHILE BEING CLEANED, INSPECTION AND REPAIRS. BRACKET CHECKED - OK.		
RETRACT CHECK PERFORMED NORMAL AND EMERGENCY - OK. LUBES		
LANDING GEAR. C/W PIPER SB 1103B INSPECT ENGINE MOUNT - OK.		
CONTROLS, CABLES, PULLEYS AND HINGERS CHECKED AND LUBED.		
I certify that this aircraft has been inspected by me and with _____ inspection and determined to be in airworthy condition. DATE <u>4-29-2005</u> PILOT TACH <u>454.2</u> SIGNED <u>[Signature]</u>  <u>MS2960172</u>		
ROCKWALL AIR SERVICE, INC		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
8-26-2004				REPLACES BOTH MAIN TINES (6.00x6.8PR
12-17-2003				MICRO AIR) C/W SB 1144 RELEASE
				NOSSE GEAR DOOR FORWARD HINGE PINS.
				C/W AD 2004-14-12 INSPECTS SCREW
				AND NUT AND INSTALLED RETAINER ON
				CONTROL WHEEL. AD 2004-15-19
				INSPECT O2 GENERATOR CAPS PCW ON
				10-17-2003.
Total To Carry Forward				AP450966172 E Walling ROCKWELL AIR SERVICES INC.

and Remarks

Signature

Certificate No.

The following ADAHR's, Standby Altimeter, and Static Pressure System(s) have been Tested in accordance with FAR 91.411 and conforms to FAR PT. 43, Appendix E & F

#1 ADAHR Model: 37002 S/N: 1007967 To: 35,000 FT

#2 ADAHR Model: 37002 S/N: 1007621 To: 35,000 FT

Stby Alt Model: 16450-1142 S/N: 164095 To: 35,000 FT

The following Transponder(s) have been tested in accordance with FAR 91.413 and Conforms to the specifications set forth in FAR PT. 43 Appendix F

#1 Model: GTX-327 S/N: 83701931

#2 Model: S/N:

W.O.# 4576 Date: 12/16/04 Inspector: R. C. Hawley
Vero Beach Avionics Inc. FAA CRS VQVR013Y

REPLACES NOSSE GEAR DOOR HYD ACTUATOR WITH ROBERT PART
FROM PIPER. ACTUATOR PERFORMS - OPERATION NORMAL - SERVICES
THIS REPAIRABLE
AP450966172 E Walling
ROCKWELL AIR SERVICES INC.

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Pg 1 / 1

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

3-15-04
date

17 Jun 04

Removed and cleaned yaw computer
connectors, and re-centered. Rechecked
and flight checked with no further D.S.C.
Telford Aviation Svc. CRS#J2SR196
154 MAINE AVE. M. Witham
Bangor, ME 04401 ~~M. Witham~~

CRS # J2SR196

M. Witham

M. W. [Signature]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
				C/W PIPER SB 1103B INSPECT ENGINE MOUNT - OK.
				DUE EACH 100 HRS OR ANNUAL. TWO YEAR FUEL STRAINER.
				INSPECTION DUE BY 2-2005. 300 HR O ₂ CYLINDER INSPECTION
				DUE BY MARCH 594.7. AD 2004-03.32 PCW PER SB 1132 ON
				8-12-2003
I certify that this (aircraft) has been inspected in accordance with a (annual) inspection and determined to be in airworthy condition.				
DATE		3-8-2004	TACH 361.2	
SIGNED		Edna Wallows		
		 453266172		
Total To Carry Forward			ROCKWALL AIR SERVICE, INC.	

Aircraft Log

Date:01/15/2004

Reg#:N388TW

Hobbs: 355.0

Aircraft S/N:4697018

WO:18185

Removed S-TEC 550 A/P and installed S-TEC Magic 1500 A/P. Installed Pilot and Co-Pilot Bose Series X provisions. Functional tested A/P and all avionics systems.

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

Signature: ECWD470D

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

Total To Carry Forward				

Maintenance

Registration No. _____

and Remarks	Signature	Certificate No.
3-8-2004		
COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH		
FAR PART 361.2 PILOT MANUAL # 767-009. REPLACES VAC RESERVATOR		
FILTER (B3-S-1). WHEEL BEARINGS CLEANED, INSPECTED AND		
REPAIRED. BRAKES CHECKED - OK SERVICED BRAKES AND		
FUEL RESERVOIR. CONTROLS, CABLES, PULLEYS AND		
HINGES CHECKED AND LUBED. LIGHTS CHECKED - OK.		
ELECT OPERATION CHECKED - OK. REPLACE BATTERY BY		
NOV 2004. FUEL FILTER CHECKED - OK. AIRCRAFT		
BATTERIES AND EMERGENCY BATTERY REMOVED AND		
SENT TO FOXTRONICS FOR CAPACITY LABEL AND		
RECHARGE. REINSTALLED AFTER CHECK		

Work Order No.	T0227
Hour Meter	337.5
Total Time	337.5

FAA Repair Station No. UXCR663X
Airframe Log

C/W Piper Service Bulletin 1126 by installing new emergency gear extension cable bracket P/N767-364.

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. Pertinent details of the repair are on file at this repair station..

Date: 09/23/03 Signature: George Tanos George Tanos
Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237

*****END*****

10-17-2023	C/W SB1140 - CHECK O ₂ GENERATORS CHECKED
HR mta 338.0	OK. NO FURTHER ACTION REQUIRED
Total To Carry Forward	AP 453966172 E. Walthery REKMAN AIR SERVICES INC

Model	PA46-500TP
Serial No.	4697018
Registration	N388TW

» CUTTER »
ABQ • DVT • ELP • PHX • RBD • SAT • SMO

Work Order No.	A0186
Hour Meter	350.6
Total Time	350.6

FAA Repair Station No. UXCR663X
Avionics Log

Removed DME TCR-451 P/N 690109, S/N 15313A and sent out for bench check. Reinstalled repaired unit same P/N and S/N repaired by DAS on W/O 26591A. Performed ground function test. 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. Pertinent details of the repair are on file at this repair station.

Date: 11/18/03 Signature: George Tanos
Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237

*****END*****

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-10-2003		C/W PIPER S/B 1139 INSPECT ATTACHMENT		
HR MM	381.0	SCREW ON CONTROL WHEEL. OK. REINSPECTED WITH LIGHTS.		
			AP453760172 Ewalling	
			Return to service inc.	
Total To Carry Forward				

Model PA46-500TP
Serial No. 4697018
Registration N388TW



FAA Repair Station No. UXCR663X
Avionics Log

Work Order No. A0142
Hour Meter 337.5
Total Time 337.5

Removed TCR-451 P/N 690109, S/N 15313A and IND-451, P/N 690111-P, S/N 10219. Sent to Dallas Aircraft Service for repair.

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. Pertinent details of the repair are on file at this repair station.

Date: 09/23/03 Signature:

George Tanos

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237
Model PA46-500TP
Serial No. 4697018
Registration N388TW

FAA Repair Station No. UXCR663X
Avionics Log

Work Order No. A0142
Hour Meter 350.2
Total Time 350.2

Reinstalled repaired DME indicator P/N 690111-P, S/N 10219 and DME RX/TX P/N 622-3670-001, S/N 15313A repaired by Dallas Aircraft Services on W/O 26427A. Operations checks normal.

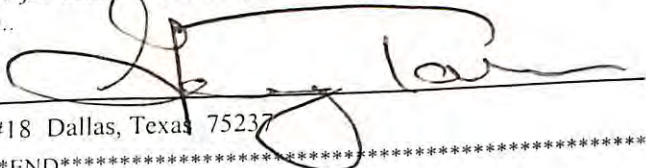
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

Date: 10/15/03 Signature:

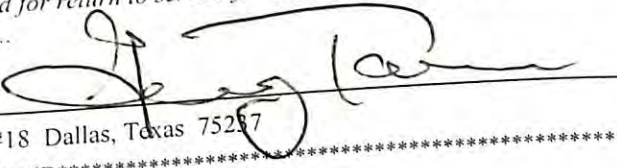
Mike Smitherman

Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Model	PA46-500TP			Work Order No. Z0042
Serial No.	4697018			Hour Meter 328.8
Registration	N388TW			Total Time 328.8
				
FAA Repair Station No. UXCR663X Avionics Log				
Complied with SB 1132 by removing and reinstalling, after modification, the circuit breaker and control module panels modified by Piper Aircraft Corporation. Ops checks 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. Pertinent details of the repair are on file at this repair station.. Date: 08/12/03 Signature:  Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237 *****END*****				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No
Model PA46-350P		Work Order No. T0178
Serial No. 4697018		Hour Meter 328.8
Registration N388TW		Total Time 328.8
		
FAA Repair Station No. UXCR663X Airframe Log		
Removed left and right hand nose gear doors for painting. Reinstalled right and left hand nose gear doors and installed new hinge pins after paint work. Replaced right wing static wick with P/N 456-872. 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. Pertinent details of the repair are on file at this repair station.. Date: 08/12/03 Signature:  Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB #18 Dallas, Texas 75237 *****END*****		



DATE: 03/18/03 REG: N388TW S/N: 4697018 HOBBS: 279.1

Complied with Piper SL 1062 by verifying proper installation of landing gear lower torque link bolts. Complied with Piper SL 1059 by visual inspection of gusset area of the horizontal stabilizer. Found working rivets. Piper kit p/n 767-356 was ordered for installation at next shop visit. Complied with SL 1056 by verifying proper routing of accessory cooling air inlet drain hose. Secured hose with clamps per SL 1056 instructions. Replace upper forward cowl aft edge fastener p/n 690-704.

Cutter Aviation Dallas, Inc. George Tanos A&P 467398424



DATE: 03/28/03 REG: N388TW S/N: 4697018 HOBBS: 279.5

Complied with Piper SL 1059 by installation of gusset kit p/n 767-356. Resealed hylock fasteners on right wing lower surface just outboard of radar antenna pod. Refueled right wing tank. No leaks detected.

Cutter Aviation Dallas, Inc. George Tanos A&P 467398424

Registration No. _____

and Remarks

Signature

Certificate No.

TOMLINSON AVIONICS OF TEXAS 2230 Airport Dr. Gainesville, TX. 76240 T3TR390N
LOG ID# 231 11-June-2003 WO# 7296 REF# 7296
N388TW S/N 4697018 PPIPER PA46-500TP

Pg 1 / 1

1. Installed {1} Bendix- King KDR 510 Data Link weather System, and {1} CI 248-180 Data Link antenna.
 - a. The KDR 510 unit is mounted behind center radio stack at STA. 112.3 in accordance with Manufacture Install Manual #006-10632-0002 {Rev 2}, and AC 43.13-2A, chapter 3, paragraph 21, 22, 33.
 - b. The CI 248-180 antenna is mounted on bottom of aircraft at STA. 113.0 in accordance with Manufacture Install Manual and AC 13-2A, chapter 3, paragraph 44.
 - c. The KDR 510 system is coupled to an existing Bendix- King KMD 850 GPS / MFD.
 2. This installation complies with FAR 23.1301, 32.1329, and 23.1431.
 3. Electrical harness is fabricated and routed in accordance with AC 43.13-1A, chapter 11, section paragraph 445, section 7.
 4. Electrical loading as per AC 43.13-1A, chapter 11, section 2.
 5. Equipment list revised and magnetic compass checked on ground.
 6. New weight and balance computed and entered into aircraft records.
- Follow Equipment Removed: NONE
Follow Equipment Installed: CI 248-180 KDR 510
New Empty Weight: 3444.04
New C.G /Arm: 138.04
New Moment: 475416.74
New Useful Load: 1447.96

T3TR390N

Billy G Palmer tree

Date

AIRCRAFT LOG

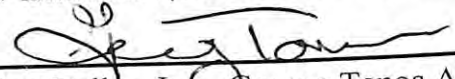
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

 **DFW Instruments** CRS # DZMR112L
Aircraft Make PIPER Model PA-46 S/N 4697018 Reg # N388TW
The tests & inspections required by 14 CFR 91.411 (a)(1) have been performed
& the equipment listed below has been found to meet the requirements of 14
CFR 43, appendix E.

- ☒ Each Static Pressure System
 - ☒ Each Automatic Altitude Reporting System
 - ☒ Altimeter #1 P/N 37002 S/N M007967 Alt 35K ft Date 2/1/03
 - ☒ Altimeter #2 P/N 37002 S/N M007621 Alt 35K ft Date 2/1/03
 - ☒ Altimeter #3 P/N 16450-1148 S/N 164095 Alt 35K ft Date 2/1/03
- The altimeter(s) & altitude reporting system(s) have been tested to the altitude
of altimeter # 1 Ad 3/1/03 Date 2/1/03 W/O # 111250
Certified Inspector Ad 3/1/03



DATE: 02/21/03 REG: N388TW S/N: 4697018 HOBBS: 274.7
Replaced standby Altimeter with overhauled unit p/n PS50189-3, s/n 164095. Pitot system leak check
Was performed by DFW Instruments (CRS DZMR112L) under work order no. 10350.


Cutter Aviation Dallas, Inc. George Tanos A&P 467398424

Registration No. _____

ate No. _____



DATE: 02/13/03 REG: N388TW S/N: 4697018 HOBBS: 274.7
Complied with an ANNUAL inspection in accordance with Piper Inspection Manual p/n 767-009. Performed
30 day emergency power supply inspection, battery compartment inspection and portable fire extinguisher
inspection. Performed 90 Day hydraulic fluid and brake fluid reservoir level check. Performed two year fuel
tank strainer inspections. Performed 300 Hr. oxygen cylinder inspection. Removed aircraft batteries and
emergency power supply for 12 month capacity check. Reinstalled battery p/n RG47, s/n cbc410324, and p/n
RG45, s/n cbc407152 tested by Foxtronics (CRS VC1R553K) under work order no. 24841 and PS-834A
s/n1504 emergency power supply tested by Foxtronics under work order no. 039242. Performed 50 Hr.
propeller heater inspection. Complied with Piper SB 1103A, recurring inspection of engine truss. No cracks
found. Complied with Piper SL 1051 by installation of rub strips p/n 104644-004. Complied with Piper SL
1057 by installation of kit p/n 767-352. Replaced ELT battery with new p/n 452-0130 battery. Battery due
replacement Nov. 2004. Complied with ELT Inspection as required per FAR 91.207. Bled right brake
system. Replaced left fuel cap lanyard. Installed new forward cabin door step support cable p/n89630-004.
Confirmed compliance with all applicable AD's thru biweekly 03-03. All work was accomplished in
accordance with Piper PA46-500TP Maintenance Manual. Details are on file at this facility under work order
no. T0077 and W0092. I certify this aircraft has been inspected in accordance with an ANNUAL inspection
and was found to be in an airworthy condition.


Cutter Aviation Dallas, Inc. David Reynolds IA.458379893

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
MAKE: Piper MODEL: PA 46-500TP S/N: 4697018 REG. NO: N388TW WORK ORDER: 1093-12-2002 The New Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 Repair Station No. ZPAR410X DATE: 12/5/2002 TTA: 269.20 Airframe TT: 269.20 Landings: HOBBS: 269.20 Airframe Entries Loose connection found removed unit for further test.. Unit checked by Garmin service representative with no discrepancies noted. Unit returned to service this date.... Loose connection found, tested DME with no discrepancies noted.... Piper Service Bulletin 1111. Inspected float switch wiring and found that Service Bulletin 1111 had been previously complied with.... Piper service bulletin 1107 after inspection found Service Bulletin previously complied with.... Piper Service Bulletin 1072 found to be previously complied with on 9/01@115.7TTAF. Information gather from service bulletin compliance sheet provided by Henley's aircraft service inc. 800-373-6524... Removed Temp Control Modulator Valve P/N 592-641 Ser#363 and installed Repaired Valve P/N 592-641REP Ser#413 ops checked good on ground in both auto and manual modes. All tools inventoried and accounted for.... The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above. DATE: 12/5/2002 SIGNED: <i>[Signature]</i> WORK ORDER: 1093-12-2002 Certified Repair Station No. ZPAR410X Printed by EBis (http://www.datcomedia.com)				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I CERTIFY THAT THIS TRANSPONDER MAKE <u>Garmin</u> MODEL <u>GTX-327</u> S/N <u>83701931</u> AS INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE <u>11/6/03</u> TACH <u>271.4</u> PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. <u>820301</u> DATE <u>11/6/02</u> SIGNED <u>[Signature]</u> FOR <u>WRISTON AVIATION N388TW</u> C.R.S. No. R2FR683J		
 DFW Instruments CRS # <u>DZMR112L</u> Aircraft Make <u>Piper</u> S/N <u>4697018</u> Reg # <u>N 388TW</u> The tests & inspections required by 14 CFR 91.413 (a) have been performed & the equipment listed below has been found to meet the requirements of 14 CFR 43, appendix F. ☒ Transponder #1 P/N <u>GTX-327</u> S/N <u>83701931</u> ☐ Transponder #2 P/N <u>N/A</u> S/N <u>N/A</u> WO # <u>10350</u> Certified Inspector <u>[Signature]</u> Date <u>02-01-03</u>		

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363 DG2R767K
LOG ID# 386 27-June-2002 WO# 9413/1 REF# 9413 AC TT 209.3
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 9413-1 ADAHRS ****

DISCREPANCY: HSI and ADI blank, airspeed intermittent.

Model: ADAHRS Part#: 37002-01-01 Serial#: M008046

ACTION: Checked co-pilots display, confirmed problem. Removed copilot ADAHRS s/n M008046 and installed warranty exchange unit s/n M008775, performed compass swing. ADAHRS check normal.

Mark Pledger 6-27-02
DG2R767K MARK PLEDGER Date

7-23-02

N388TW
PA46-500TP
S/N 4697018

REMOVED + REPLACED THE OIL
PRESSURE TRANSDUCER. INSTALLED
P/N 548-919 S/N 1470089. RUN-UP +
LEAK CHECKS GOOD.

THE AIRCRAFT, AIRFRAME, ENGINE COMPONENT, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED OR
INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE
AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ON THE REPAIR ARE ON FILE AT THIS REPAIR
STATION UNDER WORK ORDER
NO. 33626 DATE 7-23-02

AUTHORIZED SIGNATURE *K. Kinnear*
INSPECTION CERTIFIED REPAIR STATION J2SR196J
TELFORD AVIATION SERVICES, INC.
154 MAINE AVENUE
BANGOR, ME 04401 TEL (207) 990-5555



DATE: 10/11/02 REG: N388TW S/N: 4697018 HOBBS: 258.0

Complied with Piper SB 1121 by visual inspection of the horizontal stabilizer spar.
Found all 15 rivets installed. No further action required.

George Tanos
Cutter Aviation Dallas, Inc. George Tanos A&P 467398424



DATE: 01/20/03 REG: N388TW S/N: 4697018 HOBBS: 274.7

Replaced left wing outboard de-ice boot with new p/n 690-926, s/n
MX9MXJO with new stall strips p/n 102601-005 and 102601-006 in
accordance with Goodrich installation manual 30-10-31. Operational
check was satisfactory. Resealed left wing outboard lower fuel vent panel.
Performed leak check. No leaks detected.

Antonio Hernandez
Cutter Aviation Dallas, Inc. Antonio Hernandez A&P 465610221

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363 DG2R767K
LOG ID# 371 11-June-2002 WO# 9204/1 REF# 9204 AC TT 190.0
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 9204-1 KGP-560 ****

DISCREPANCY: Ground prox inop.
Model: KGP-560 Part#: 965-1196-001 Serial#: X0615
ACTION: Checked unit in aircraft, found system has no position on ground. Downloaded all errors and emailed to product specialist. Removed KGP-560 s/n 0245 and sent to factory. After three weeks Factory decided to send exchange KGP-560 s/n X0615, installed in aircraft and ramp checked, system checks normal.

Mark Pledge 6-11-02
DG2R767K MARK PLEDGER Date

Total To Carry Forward				

Date: 7/04/2002 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 209.83, Total Time: 209.83
PT6A-42A S/N: PCO-RM0021 Time: 209.83 Cycles: 4

REMOVED DAU P/N 602-250 S/N 0049-006 AND INSTALLED AN EXCHANGED DAU P/N 602-250 S/N 0023-001. SET TORQUE AND FUEL QUANTITY CALIBRATION AS PER MAINTENANCE MANUAL.

DATE: 7/4/2002

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

SIGNED: *[Signature]*

CERT NO: 952960310

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363 DG2R767K
LOG ID# 385 27-June-2002 WO# 9389/1 REF# 9389 AC TT 209.3
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 9389-1 AP-550 ****

DISCREPANCY: Autopilot FD bars erratic.
Model: AP-550 Part#: 01192-30-60 TFPM Serial#: 3127AB/AB
ACTION: Removed AP550 s/n 3127AB/AB autopilot computer with warranty exchange unit s/n 4531AE/AE. Autopilot system ramp check normal.

Mark Pledge 6-27-02
DG2R767K MARK PLEDGER Date

AIRCRAFT LOG

Date: 5/14/2002 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 191.6, Total Time: 191.6
PT6A-42A S/N: PCO-RM0021 Time: 191.6

COMPLIED WITH AN EVENT #2 INSPECTION AS PER PIPER AIRCRAFT MALIBU MERIDIAN 100
HOUR PROGRESSIVE INSPECTION MANUAL P/N 767-009. SERVICED BRAKES, TIRES,
HYDRAULIC SYSTEM AND CHECKED ALL LIGHTS. COMPLIED WITH SB 1103 ENGINE MOUNT
INSPECTION. COMPLIED WITH SB 1114 #1 GNS 530 LIGHTING REWIRING BY INSTALLING
KIT P/N 766-696. INSTALLED NEW STATIC WICK ON LEFT AILERON OUTBOARD. INSTALLED
A NEW TAXI LIGHT BULB P/N 4596.

DATE: 5/14/2002

Henley's Aircraft Services, Inc.

15841 Addison Road

SIGNED: 

Addison, TX 75001

972-934-0875 800-373-6524

CERT NO: 452960310-JA

Total To
Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

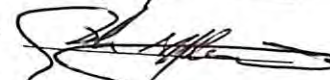
Date: 5/15/2002 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 191.6, Total Time: 191.6
PT6A-42A S/N: PCO-RM0021 Time: 191.6

COMPLIED WITH SB 1103 BY VISUAL AND PENETRANT INSPECTION, NO CRACKS FOUND IN
WELD AREA. COMPLIED WITH SB 1114 BY INSTALLING P/N 766-696 WIRE KIT AS PER
INSTRUCTIONS.

DATE: 5/15/2002

Henley's Aircraft Services, Inc.

15841 Addison Road

SIGNED: 

Addison, TX 75001

972-934-0875 800-373-6524

CERT NO: 452960310

AIRCRAFT LOG

Date: 4/22/2002 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 183.1, Total Time: 183.1
PT6A-42A S/N: PCO-RM0021 Time: 183.1

COMPLIED WITH SB 1085 BY INSTALLATION OF NOSE GEAR STEERING HOUSING REPLACEMENT KIT P/N 767-304. COMPLIED WITH SB 1098 BY INSPECTION AND REPLACEMENT OF PNEUMATIC DE-ICE SYSTEM LINE. COMPLIED WITH SB 1102 BY INSPECTION OF MASTER ELECTRICAL PANEL MOUNTING PLATE AND INSTALLATION OF FUSE BLOCK PROTECTIVE COVER KIT P/N 767-327. COMPLIED WITH SB 1106 BY INSTALLING NOSE GEAR STEERING SYSTEM MODIFICATION KIT P/N 767-336, INSTALLED NEW NOSE TIRE AND TUBE WITH NEW STEERING BUNGEE. COMPLIED WITH SB 1108 BY INSTALLATION OF FLUX DETECTOR RELOCATION KIT P/N 767-334. COMPLIED WITH VSP 133 IN ACCORDANCE WITH MEGGITT AVIONICS SERVICE INFORMATION LETTER NO 16 ISSUE 2.

DATE: 4/22/2002 Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

SIGNED: [Signature]
CERT NO: 452960310

Registration No. _____

Date: 4/30/2002 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 183.1, Total Time: 183.1
PT6A-42A S/N: PCO-RM0021 Time: 183.1 Cycles: 2

INSTALLED 2 NEW MAIN TIRES.

DATE: 4/30/2002 Henley's Aircraft Services, Inc.
SIGNED: [Signature] 15841 Addison Road
CERT NO: 452960310 Addison, TX 75001
972-934-0875 800-373-6524

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363 DG2R767K
LOG ID# 370 22-May-2002 WO# 9288/1 REF# 9288 AC TT 194.2
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 9288-1 ADAHS ****
DISCREPANCY: #2 airspeed 15 KTS fast on ground, 6-10 KTS cruise.
Model: ADAHS Part#: 37002-01-01 Serial#: M007619
ACTION: Checked ADAHS system, confirmed problem in aircraft. traced malfunction to bad #2 ADAHS computer. Removed computers/S/N M007619 and replaced with factory exchange ADAHS s/n M008046.
Performed ADAHS calibration, system ramp check normal.

Mark Pledger 5-22-02
DG2R767K MARK PLEDGER Date

DATE 1/18/02 MODEL PA46-5001P
 WO# 106856 S/N 4697018
 TACH REG N388TW
 T/T HOBBS 160.90
 TSMOH



1 Garside Way
 Manchester, NH 03108-4920
 603-629-9191 Fax 603-668-3753
 CRS# HI1R19K

Form WA-58 Rev. 10-20-99 page 1 of 1

Log Book Attachment:

R&R pilot's primary flight display unit s/n off 0042-002, s/n on 0112-009 due to intermittent mode C. Unit checks good. Performed data correspondence check IAW FAR 43 App E(c). This aircraft is airworthy with regards to work performed.

Ricky D. Chatwin

Ricky D. Chatwin
 HI1R193K

Total To
 Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001 DG2R767K
 LOG ID# 326 09-April-2002 WO# 9199/1 REF# 9199 AC TT 183.1
 N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 9199-1 FLUX DETECTOR ****
 DISCREPANCY: #1 heading system error, approximately 60 degrees.
 Model: FLUX DETECTOR Part#: 6446 Serial#: 120
 ACTION: Checked aircraft, confirmed problem. Troubleshoot Adhrs system to bad flux detector. Removed flux detector p/n 6446 s/n 120 and installed s/n 162 warranty exchange unit.

Mark Pledge

4-9-02

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001 DG2R767K
 LOG ID# 327 24-January-2002 WO# 8900/1 REF# 8900 AC TT 183.1
 N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 8900-1 AP-550 ****
 DISCREPANCY: Replace programmer/computer.
 Model: AP-550 Part#: 01192-32-60TPFM Serial#: 3127AB/AB
 ACTION: Removed A/P programmer/computer AP550 s/n 3042aa/ab. Installed AP550 s/n 3127AA/AB warranty exchange as requested by S-TEC. Autopilot system ramp check normal. Returned computer for credit under CRA# 289651.

Mark Pledge

1-24-02

DG2R767K MARK PLEDGER

Date

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper
MODEL: PA 46-500TP
S/N: 4697018
REG. NO: N388TW
WORK ORDER: 536-11-2001

The New Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, FL 32960
Repair Station No. MMF 321-10

DATE: 12/21/2001
TTA: 147.6
Airframe TT: 147.6
Landings:
HOBBS: 147.6

Airframe Entries

Installed New cabin door Threshold - P/n 102926-003.... Complied with Piper Service Bulletin 1084 - Flight Into Known Icing Certification.... Installed Kit # 767-313: Vacuum Systyem Rework.... Installed Kit # 767-313. Water Separator pressure checked per Drawing Revision C.... Inspected vacuum line P/N 102437-086 and found to be in airworthy condition.... Removed lift computer s/n 124. Installed kit 767-323 new lift computer s/n 114.... Post flight tip grams reading are 0 deg. 4.0 10-20 deg 4.6 and 36 deg. 1.3.... Installed kit 766-698, wing de-ice boots.... Installed Piper Kit 452-113 Brush Blocks Assembly... Removed prop de-ice timer P/N 691-230 replaced with new timer P/N 691-231.... Installed wing deice boots per SB 1084, P/N 690-924, S/N MT87180, July 2001, P/N 690-925, S/N MT69350, Aug. 2001, 690-926, S/N MU54750, Sept. 2001, P/N 690-927, S/N MU05180, Aug. 2001... Pressure and Vacuum check complied with IAW PPS60054-8 Surface De-Ice System ops checked good. No Leaks Detected.... Complied with Piper Service Bulletin 1069. Installed Piper kit 766-682 required fuel trimming and leak check. Trim and leak check acceptable.... Comply with Piper Service Bulletin 1076 - GI-106 Nav/GS Indicator Locking Connector Harness Wiring Change. Found harness miswired, corrected wiring in harness. Operational check acceptable.... Complied with Piper Service Bulletin 1078. Installed Piper Kit 767-306. stall warning microswitch bracket Flaps operation checks good.... Complied with SB 1086 installed generator ammeter relay kit P/N 767-308... Complied with piper service bulletin 1087A removed and replaced nose gear emergency downspring mechanism P/N 83699-003 and P/N 83699-014.... Complied with Piper Service Bulletin 1089. Adjusted nose gear squat switch.... Complied with SB 1094 section II fuel system check valve replacement removed (2) 592-652 check valves replaced with (2) new 592-670 Rev A check valves leak check of fuel system required... Found flux detector brackets P/N 604612-002 and P/N 604612-003 Flux Detector Brackets installed on wrong sides (swapped). Flux Detector on pilot side out of spec. Removed LH Flux Detector P/N 6446 S/N 6288 Installed P/N 6446 S/N 120 Performed PPS 60189 heading compensation/calibration.
... Installed new chaf tape right nose gear door.... Adjusted door lock tang to eliminate binding in lock assy.... Reworked spring for latch on R/H rear seat. Seat back operates satisfactorily.... Adjusted roll centering on AP550 for Nav Approach mode.
... Checked cabin heat during ground run. All valves and controllers seem to work normal. Evaluate next flight.... Removed oil filter, oil filter housing and oil pressure relief valve. Added two (2) 3100614-01 shims to oil pressure relief valve and reinstalled per manufactures specs. Cleaned oil filter and inspected for metal debris none found. Serviced engine with 2390 turbine oil. Leak and pressure check required.... Test flight was performed. Operation checks satisfactory.... Fully seated connector P305, so that aircraft would accept ground power. Ops ckd good.... Complied with kit 766-697 installed gear mute switch and complied with gear swing ops check.... Complied with piper kit 767-328 installed feather suppression diode.... Installed Piper Kit # 767-326; Rivnut and

SB 1099

SB 1095

Tot
Co

Registration No.

and Remarks	Signature	Certificate No
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nutplate kit for wing fairings... Installed alternator isolation diode kit (767-307) per SB 1093. Generator adjusted to 28.4 volts. Alternator adjusted to 27.0 volts. Ground run acceptable. Weight and balance change in POH... Removed and replaced left and right taxi light lens that was damaged. P/N 82244-002 and P/N 82244-003.... Nose gear steering to much free play. adjusted nose gear rollers to .010 per piper specs.... Complied with VSP 129, prop heat wiring adjustment.... Complied with Piper Service Bulletin 1088. Inspected Aft Spar Cap. Checks good.... Removed debonded storm window P/N 100877-003 and replaced with new storm window assy. P/N 100877-003.... Test flight was performed. Operation checks satisfactory.... Checked cabin heat during ground run. All valves and controllers seem to work normal. Heater put out 153 degrees in flight.... Removed leaking fuel panels 3R and 3L. replaced damaged nut plates (2). cleaned and resealed. 12-20-01 1400 requires leak check....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above

DATE: 12/21/2001

SIGNED:

Certified Repair Station No. MMF 321-10

WORK ORDER: 536-11-2001

Printed by EBis (http://www.datcomedia.com)

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001 DG2R767K
LOG ID# 171 13-July-2001 WO# 8145/1 REF# 8145 AC TT 90.2
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

Performed on Model: TRC-497 Part#: 805-10800-001 Serial#: SKY11002091
DISCREPANCY: Skywatch doesn't pass test, comes up "FAIL".
ACTION: Confirmed the problem in the aircraft, connected lap top computer to TRC-497m system wouldn't calibrate antenna or pass test. Sent unit to factory for repair, reinstalled after repair and performed calibration, all tests normal.

Mark Pledger 7-14-01
DG2R767K MARK PLEDGER Date

FLITE ELECTRONICS, INC. 4786 AIRPORT PARKWAY ADDISON, TX 75001 DG2R767K
LOG ID# 180 25-July-2001 WO# 8234/1 REF# 8234 AC TT 90.2
N388TW S/N 4697018 PIPER PA46-500TP MERIDIAN

Pg 1 / 1

**** ITEM # 8234-1 ART-2000 ****
DISCREPANCY: Radar antenna and transmit fault.
Model: ART-2000 Part#: 071-01519-0101 Serial#: 5415
ACTION: Bench check of radar found tilt bad on radar sensor, traced problem to bad tilt motor. Replaced trim motor, complete functional test of RT normal. Installed RT in the aircraft, system ramp tests normal.

Mark Pledger 7-25-01
DG2R767K MARK PLEDGER Date

Date: 9/21/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 115.7, Total Time: 115.7
PT6A-42A S/N: PCO-RM0021 Time: 115.7

COMPLIED WITH SB 1058 BY INSTALLING OVERHEAD SWITCH PANEL P/N 688-497
PERFORMED OPERATIONAL CHECK. COMPLIED WITH SB 1065 BY INSTALLING NEW ELEVATOR
PRIMARY CONTROL CABLES P/N 82815-39, 82815-40 AND TWO EACH 82815-41 ADJUSTED
CABLE TENSION AND CHECKED CONTROL SURFACE TRAVEL LIMITS. COMPLIED WITH SB 1066
CABIN DOOR LATCH MECHANISM BY INSTALLING KIT P/N 767-305. COMPLIED WITH SB
1067A BY INSTALLATION OF KIT P/N 767-302 PER DRAWING NO. 88298 BY INSTALLING
ENTERTAINMENT CONSOLE VOLTAGE DROPPING RESISTOR SHROUD. COMPLIED WITH SB 1068
PER INSTRUCTIONS BY INSPECTION OF THE FUEL SYSTEM LINE FITTINGS FOR LEAKAGE.
COMPLIED WITH SERVICE BULLETIN 1070 BY INSTALLING KIT P/N 767-303 AS PER
INSTRUCTIONS AND DRAWING NO. 88299 BY INSTALLING LIGHTNING PROTECTION RIVETS.
COMPLIED WITH SB 1073 AS PER INSTRUCTIONS BY SEALING THE MAGNETIC FLUX
DETECTOR CONNECTORS. COMPLIED WITH SERVICE BULLETIN 1074 BY INSPECTION OF THE
CABIN BLEED AIR INLET FOR RESTRICTION. COMPLIED WITH SERVICE BULLETIN 1082 BY
INSTALLING AN AFT STOWAGE DRAIN KIT P/N 766-693 AS PER DRAWING NO. 88289.
CHECKED COMPLANCE OF SERVICE BULLETIN 1090 AND FOUND IT AS NOT APPLICABLE
BECAUSE SERVICE BULLETIN 1069 INSTALLATION OF KIT 766-682 HAS NOT BEEN
ACCOMPLISHED AT THIS TIME. COMPLIED WITH SERVICE LETTER 1035 BOTH BATTERIES
WERE REPLACED 6/14/2001 AT 89.9 HOURS. BOTH BATTERIES ARE AT FULL CAPACITY.
COMPLIED WITH SERVICE LETTER 1037 BY INSPECTION OF THE POWER LEVER HANDLE /
MANUAL OVERRIDE KNOB.

DATE: 9/21/2001

SIGNED: *[Signature]*

CERT NO: 45286021071

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

Date: 6/14/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 89.9, Total Time: 89.9
PT6A-42A S/N: PCO-RM0021 Time: 89.9

COMPLIED WITH SERVICE BULLETIN 1060 BRAKE PEDAL BINDING AS PER INSTRUCTIONS.
COMPLIED WITH SPECIAL ADVISORY NO. 46-10 RELOCATION OF FLUX DETECTORS BY
INSTALLING KIT P/N 766-685 PER DRAWING 88282 AND COMPLETING THE POST
INSTALLATION TEST PROCEDURES AND FLIGHT CHECK PER PPS60189. REVISED WEIGHT AND
BALANCE. COMPLIED WITH SERVICE BULLETIN NO. 1056 FUEL DRAIN VALVE INSPECTION
AND REPLACEMENT BY INSTALLING KIT P/N 766-691 AS PER INSTRUCTIONS DRAWING NO.
88287. COMPLIED WITH SERVICE BULLETIN NO. 1053 RELOCATION OF OUTSIDE AIR
TEMPERATURE PROBE BY INSTALLING KIT P/N 766-688 AS PER DRAWING NO. 88284.
INSERTED REVISION INTO POH. COMPLIED WITH SERVICE BULLETIN 1054 INSPECTION AND
MODIFICATION OF THE PILOT AND COPILOTS SEATS BY INSTALLING WASHERS AS PER
INSTRUCTIONS. NO FUTHER ACTION IS REQUIRED. INSTALLED TWO NEW MAIN AIRCRAFT
BATTERIES P/N RG-45 AND RG-47.

DATE: 6/14/2001

SIGNED: [Signature]

CERT NO: 452960310

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

Date: 7/18/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 105.1, Total Time: 105.1
PT6A-42A S/N: PCO-RM0021 Time: 105.1

COMPLIED WITH A 100 HOUR PROGRESSIVE INSPECTION EVENT 1 AS PER MERIDIAN
INSPECTION FORM P/N 767-009. SERVICED BRAKES, BATTERY, TIRES, HYDRAULIC SYSTEM
AND CHECKED ALL LIGHTS. INSTALLED NEW NOSE WHEEL BEARING P/N 08125 AND RACE
P/N 08231. COMPLIED WITH VSP-130 BY CHECKING THE TORQUE ON THE LEAR ROMEC FUEL
PUMP RELIEF VALVE COVER SCREWS, ALL SCREWS WERE AT PROPER TORQUE AND NO GASKET
EXTRUSION WAS NOTED. COMPLIED WITH SB 1055 PART 1 BY INSPECTION OF THE ENGINE
CONTROL LIGHTING, PART 2 BY INSTALLING ELEVATOR TRIM INDICATOR P/N 82995-003,
PART 3 NOT APPLICABLE BY SERIAL NUMBER. COMPLIED WITH SB 1059 AND FOUND NO
FUEL LEAKAGE IN EXCESS OF 5 DROPS PER MINUTE OBSERVED AT THE FUEL DRAIN MAST
OF SHAFT SEAL DRAIN AS PER INSTRUCTIONS. COMPLIED WITH SB 1061 BY PROPERLY
SEATING NOSE LANDING GEAR STRUT TUBE SNAP RING FOR PROPER INSTALLATION.
COMPLIED WITH SB 1063 PART 1 AND PART 2 MODIFICATION OF CO-PILOT'S CIRCUIT
BREAKER. COMPLIED WITH SB 1064 BY ADDING SUPPORT FOR POSITIONING THE MASS FLOW
CONTROL VALVE AS PER INSTRUCTIONS. COMPLIED WITH SB 1071 BY INSPECTION OF THE
MAIN LANDING GEAR SQUAT SWITCH.

I certify that this aircraft has been inspected in accordance with a 100 HOUR
INSPECTION and was determined to be in an airworthy condition.

DATE: 7/18/2001

SIGNED: [Signature]

CERT NO: 452960310 IA

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/11/01	Brought Forward →	89.7	89.7	Complied with SB1062 bel CRANKS. Aircraft my AP266539
Total To Carry Forward				

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Date: 3/06/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 60.0, Total Time: 60.0
PT6A-42A S/N: PCO-RM0021 Time: 60.0

INSTALLED A REPAIRED MASS AIR FLOW CONTROL VALVE P/N 1300490-11 S/N 110.
GROUND CHECKED SATISFACTORY.

DATE: 3/06/2001

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

SIGNED: Scotty Lynn

CERT NO: AP454597769

Registration No. _____

and Remarks	Signature	Certificate No.
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Date: 3/21/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
Hobbs: 72.1, Tach Time: , Total Time: 72.1
PT6A-42A S/N: PCO-RM0021 Time: 72.1

INSTALLED A NEW MASS AIRFLOW VALVE P/N 592-640 S/N 179.

DATE: 3/21/2001

SIGNED: Scotty Lynn

CERT NO: AP454597769

Henley's Aircraft Services, Inc.
15841 Addison Road
Addison, TX 75001
972-934-0875 800-373-6524

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Date: 2/02/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
 Obs: 49, Total Time: 49
 PT6A-42A S/N: PCO-RM0021 Time: 49

COMPLIED WITH SPECIAL ADVISORY 46-8 BY INSTALLING A NEW ANNUNCIATOR ASSEMBLY
 N 680-833 S/N 038.

TE: 2/02/2001 Henley's Aircraft Services, Inc.
 15841 Addison Road
 ADDISON, TX 75001
 972-934-0875 800-373-6524

CERT NO: AP 45459 7769

Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
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Date: 3/05/2001 Aircraft: N388TW Type: PIPER PA46-500TP S/N: 4697018
 Hobbs: 55.7, Total Time: 55.7
 PT6A-42A S/N: PCO-RM0021 Time: 49

COMPLIED WITH PIPER SERVICE BULLETIN 1052 BY INSTALLING NOSE WHEEL BUNGEE
 ASSEMBLY MODIFICATION KIT P/N 766-690 AS PER INSTRUCTIONS CONTAINED IN THE
 KIT.

DATE: 3/05/2001

SIGNED: Scotly Lunn

CERT NO: AP 45459 7769

Henley's Aircraft Services, Inc.
 15841 Addison Road
 Addison, TX 75001
 972-934-0875 800-373-6524

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1.05.01	Brought Forward →	10.0		
Total To Carry Forward		12.9		

Registration No. N388TW

DATE: 1/5/01

TTIS: 12.9

1 Replaced The Mass Air Flow Control Valve With A New Unit. New Unit SN: 158

2 Performed A Ground And Flight Check Satisfactorily.

THE NEW PIPER AIRCRAFT, INC.

VERO BEACH, FLORIDA

MANUFACTURER'S MAINTENANCE FACILITY #321-10

DATE 1.05.01

Model PA46-500TP S/N 4692018 N 388TW

The aircraft identified above is approved for return to service.
Pertinent details of Customer Acceptance items/Maintenance
are on file at this facility under Work Order No. 926138B
A copy of this work order is attached to this log book.

Authorized Representative Randall Maynard

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
01/02/2001	Brought Forward →	10.0	INSTALLED BFGoodrich SKYWATCH	
			AND WX-500 AND Honeywell KMD-850 AND KGP-560.	
			Removed IN 182A RADAR IND. All work performed IAW	
			MANUF INSTAN INSTRUCTIONS & Applicable FAR's. SEE FAA	
			Form 337 dated 01/02/2001 for Particulars. A/c Weight	
			& BALANCE AND EQUIP LIST Amended. TRANSPONDER/ENCODER	
			CORRELATION checked AS REQ'D. All Systems Function checked	
			to MANUF. Specs.	
			Maintenance Release: The aircraft and/or component identified herein, was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Permanent details of the repair are on file at this agency under this work order # 125307	
			Date: 01/02/2001 Inspector: <u>McKintley</u>	
Total To Carry Forward		CGN AVIATION	FAA CRS ECWR470D	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-22-00	Brought Forward →	7.6		
Total To Carry Forward		10.0		

Registration No. N388TW

DATE: 12/22/00

TTIS: 10.0

- 1 Installed A Replacement Meggitt DAU Unit. New Unit SN: 0049-006
- 2 Performed A Torque And Fuel Calibration Check Satisfactorily.
- 3 Performed A Ground And Flight Check Satisfactorily.

THE NEW PIPER AIRCRAFT, INC.
VERO BEACH, FLORIDA

MANUFACTURER'S MAINTENANCE FACILITY #321-10

DATE 12-22-00

Model PA46-500TP S/N 4697018 N 388TW

The aircraft identified above is approved for return to service.
 Pertinent details of Customer Acceptance items/Maintenance
 are on file at this facility under Work Order No. 926136B
 A copy of this work order is attached to this log book.

Authorized Representative Ronald J. Weyand

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DEC 16 2000	Brought Forward →	7.6		
	The stall system computer is adjusted at the factory. Component changes require that the computer settings be checked and adjusted per Piper Process Specification (PPS) 60089-3 The settings for this aircraft are: STALL WARNING FLAPS Full Up 0° 10° - 20° Full Down 36° Tipgrams +/- ½ TIP GRAMS ACTUAL SETTINGS + 3.6 + 4.1 + 1.5			
Total To Carry Forward		7.6		

Registration No. N388TW

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DEC 16 2000	Brought Forward →	7.6	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate, Dated <u>DEC 16 2000</u> <u>[Signature]</u> FAA DOA SO-1 K.S. MC GLOTHLIN	
			THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>60,000</u> FT. ONILL <u>11/10/2000</u> IN <u>11/10/2000</u> SIGNED <u>[Signature]</u> DATE <u>DEC 16 2000</u>	
			K.S. MC GLOTHLIN The ELT is installed per FAR 91.207. Battery replacement date <u>9/2002</u> <u>[Signature]</u> K.S. MC GLOTHLIN D.O.A. No. SO-1 The New Piper Aircraft, Inc.	
Total To Carry Forward		7.6		

Registration No. N388TW

and Remarks	Signature	Certificate No
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F. ATC Transponder: 1. Make <u>GARMIN</u> Model <u>GTX-327</u> S/N <u>83701931</u> 2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u> Details of this inspection are on file at this facility under S/N <u>4697018</u> Date <u>11/18/00</u> Q.A. Inspector <u>[Signature]</u> K.S. MC GLOTHLIN THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA		
THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE: <u>11/18/00</u> SIGNED: <u>[Signature]</u> K.S. MC GLOTHLIN		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/21/00	Brought Forward →	0	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED AND FOUND TO BE IN COMPLIANCE WITH A SPECIAL AIRWORTHINESS CERTIFICATE DATED 11/21/00	
			17A/W FAR 21.191 P&I 21.275	
			Christina L. Marsh	
Total To Carry Forward		0		

Registration No. N4180T

and Remarks	Signature	Certificate
I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT TO BE IN COMPLIANCE WITH THE SPECIAL AIRWORTHINESS CERTIFICATE DATED 11-21-00	Guy B. Turner	
UNITED STATES IDENTIFICATION MARK N4180T REMOVED AND SPECIAL UNITED STATES IDENTIFICATION MARK N388TW INSTALLED AS AUTHORIZED BY LETTER DATED 11/27/2000 FROM BILL MOUNGER, FAA LEGAL INSTRUMENTS EXAMINER AIRCRAFT REGISTRATION BRANCH.		
	Guy B. Turner	12-12-00

AIRCRAFT DESCRIPTION

N388TW

~~N4180F~~

Registration No.

Model: PA-46-500TP

Popular Name MALIBU MERIDIAN

Serial No.: 4697018

Type Certificate No. A2550

Colors: ^{L0225HL} BRIGHT WHITE & ^{L4170HL} DARK RED MET. / ^{B8642HL} GRAPHITE MET. / ^{L0390HL} NEW PIPER GOLD MET.

Engine Manufacturer: PRATT & WHITNEY

Serial Numbers: Single PCE-RM0021

Original Engine Model: PT6A-42A

Left

Right

Propeller Manufacturer: HARTZELL

Hub or Serial Number: Single HH1015

Original Propeller Model: HC-E4N-3Q

Left

Right

Blade Numbers

Left

Right

J50686

J50685

J50680

J50689

2000 MODEL