

47 EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 12-23

AIRCRAFT LOG







EMERGENCY BATTERY REPLACEMENT Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 4 - 06 - 14



PIPER AIRCRAFT, INC.

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

N2400A

Aircraft
Registration number

Part No. 230715

NOTICE

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

PAINT TYPE: Dupont Imron Polyurethane

AIRCRAFT DESCRIPTION

Re	egistration No. N	324T	
Model: PA-46-350P	F	Popular Name: MF	ALIBU MIRAGE
Serial No.: 4636493 P6293 Colors: SNOW WHITE/CORA	LOG52 LREDPEARLA	Type Certificate No.: _	A25SO PI25I PI185 TOM GRAY MET. /PLATINUM ME
Engine Manufacturer: LYCOM			
Original Engine Model: TIO-54	10-AEZA	Left	
B (A)		Righ	nt
Propeller Manufacturer: HARTZE	<u></u>	Hub or Serial Number:	Single NY9B
Original Propeller Model: HC-I3	YIR-IN	1	Left
·			Right
	Blade	e Numbers	
	Left A4459 A4439	Right	2011 MODEL
	A4453		

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
All applicable Federal Avid	tion Administration Airworthiness 2011-03 It the time of manufacture. pL-Chapman	5.4	EB 1.1 201	\
have been compiled with a Phillic	ot the time of manufacture.			
PHILLIP L. CH	APMAN DMIR-832849-CE ER AIRCRAFT, INC.			
II .				
8				

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
± 1				
				_
	2			

Date Aircraft Tim		Aircraft Time Recorder		
	This Date	Total	Reading	Maintenance
FEB 1.1 201	Brought Forward	5.4	the certificat	e aircraft meets the requirements for ion requested and have issued a worthiness Certificate.
			FAR 91.411	r and Static System Test required by have been performed. The have been tested:
			On (Pri)	12/21/10 (Sec) 12/21/10
				stalled per FAR 91.207. Battery
			1	FEB 11 2011
			PHILLIP	L. CHAPMAN DMIR-832849-CE Piper Aircraft, Inc.
				Vero Beach, Florida
Total To Carry Forward		5.4		

Registration	No.	N	240	OA
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and Remarks	Signature	Certificate No.
The ATC Transport of Texts and I		TO 11 at
The ATC Transponder Tests and Inspections required by FAR 91.413 performed this date and found to comply with FAR 43. Appendix F.	3 were	
1. Make GARMIN Model GTX 33 S/N 8912	0832.	
2. Make NA Model NA S/N NA		
Details of this inspections are on file at this facility under:		
ACFTS/N 4636493 Date 1	26/11	
The Automatic Pressure Altitude Reporting Equipment Test required,		
FAR Part 91.217 have been performed this date:	27/11	
Phillipa Chapman		
PHILLIP L. CHAPMAN DMIR-832849-CE		
Piper Aircraft, Inc. Vero Beach, Florida		
	Sec.	

Date		aft Time	Recorder		
	This Date	Total	Reading		Maintenance
FEB 11 2011	Brought Forward	5.4	The stall quet	uter is adjusted at the fa ngs be checked and adj ettings for this aircraft ar	octory Company
Total To Carry Forward		5.4	POWER OFF OFF OFF ON ON ON The standby altimete 91.411 have been pe to 35,000	Tipgrams - ALL WARNING FLAPS Full Up 0° 10° - 20° Full Up 0° 10° - 20° Full Down 36°	TIP GRAMS ACTUAL SETTINGS + 4.5 + 1.6 + 1.5 + 2.5 + 0.1 **0.3 Pest required by FAR Part by altimeter has been tested

Registration No. N2400A

AIRFR Adju specifica	AME April 18, 2011 sted forward and aft cabin vent to ations. Operational check of ca	Hobbs:30 ubes for proper seal to cabi bin door good.	.0 N2 n door per the manufac	2400A cturer's
For Avia	ation Sales, Inc. 16726	Ronald C. Gish	523046946 A&P	ı
Removed Operational Adjusted Adjusted Secured a Adjusted good. Resealed	ed 50 Hour Inspection using Piper Aircraft, Inc. I cockpit overhead rocker sycheck good. aileron cable tension per the mount bench seat left armrest air veright aff window shade per the cabin entry door. Fitted cabin in ground check. Leak check go	Piper PA46-350P 1st 50 vitch light bulbs and repanufacturer's specification anufacturer's specifications nt.	olaced with new parts. s. ons. Operational check vent seals. Performe	ts.

AIRFRAME June 3, 2011 Hobbs: 81.4 Complied with Piper S.L. 1120, service air conditioner, per the service letter instructions. N2400A ance Operational and leak checks good. Adjusted maximum propeller speed per the manufacturer's specifications. Complied with Piper S.L. 1232, cabin door handle placard, by inspection, per the service letter instructions. For Aviation Sales, Inc. Gilbert C. Schoales, M. A&P 19543741 W.O. 16774 Total To Carry Forward

AIRCRAFT LOG

	Registration No	
and		
	AIRFRAME August 18, 2011 Hour Meter: 111.6	- 5
	Total Time: 111.6 Propeller Total time: 111.6	1
	Performed an Annual Inspection using the Piner PA46 350P should be a LEAD to	
	Tarmed Breche compliance checked through Revision 2011 16	-
	Complied with the annual fire extinguisher contents check. No discussion	
	complied with 90 day fuel filter cleaning ner the manufacturar's grant's	-
	Complied with 30 day battery compartment inspection. No discrepancies and 1	
	Complied with 100 flour aircraft electrical honding inspection. No defeate and 1	-
	Complied with 100 flour/annual oxygen generator inspection. No defeate with 1	
	Complied with 100 hour vacuum relief valve filter replacement.	_
-	Complied with 100 hour/annual exhaust V-band and coupling inspection. No defects noted.	
	Piper VSP 217 and Lycoming S.B. 598A. V-band clamp inspection, not applicable by engine manufacture date.	_
	Complied with Piper S.B. 1012 and Lycoming S.B. 531, turbocharger and tailpipe inspection, per the service bulletin instructions	
	the service bulletin instructions.	
	Complied with Piper S.B. 1048, stainless steel control cable lubrication, per the service bulletin	
	instructions. Next inspection is due at 211.6 hours and (12)	-

Complied with Piper S.L. 1108, manifold pressure transducer inspection, per the service letter

Complied with Piper S.L. 1132, fuel tank leaks, by inspection per the service letter instructions.

Complied with Piper S.L. 1135, control cable/pulley inspection, per the service letter instructions.

Page 1 of 3

instructions. Next inspection is due at 211.6 hours or 8/12.

instructions. No defects noted.

No defects noted.

			е	ar	
	0			ui	0.
		AIRFRAME (cont'd) August 18, 2011 N2400A			AIRFRAME (cont'd) August 18, 2011
		Complied with Textron Lycoming A.D. 2008-14-07, fuel injector lines, by visual inspection per			Removed one bottom aft right wing root fairing rivet and roplaced with
		Lycoming S.B. 342F. No discrepancies noted. Next inspection due at Hobbs 211.6 or 8/12			Removed fuel filter sump drain valve and replaced with new part. good. Operational and leak checks
	-	A.D. 2011-13-03 and Piper VSP 207 and Lycoming S.B. 594, turbo housing inspection, not			8
		applicable by foundry markings			Complied with continued airworthiness inspection requirements for the installed equipment as
	-	Performed the annual Garmin autopilot servo slip clutch adjustment in accordance with Garmin			required.
		procedures and Piper Maintenance Manual 34-20-00.			I certify that this aircraft has been inspected in accordance with a Annual Inspection and was
		Secured floor carpet velcro on right side of cockpit pedestal.	- 1		determined to be in airworthy condition.
		Removed right magneto switch light bulbs and replaced with new parts. Operational check good.			
		Secured pressurization boots to nose gear steering rod ends per the manufacturer's maintenance			For Aviation Sales, Inc.
		manual.		F87	W. O. 16823 Gilbert C. Schoales, Jr. A&P 19543741 IA
		Removed three top nose cowl fasteners and replaced with new parts.			
li		Removed nose gear actuator Serial No. FAH0846 and replaced with rebuilt part Serial No.			Page 3 of 3
N		FAH0729. (See FAA Form 8130-3 from Piper Aircraft Inc.dated 5/19/11 placed in the aircraft	- 1		
		records.) Operational and leak checks good.			
		Serviced nose gear strut with nitrogen per the manufacturer's specifications. Leak check good.			A VIDED A ME
	-	Adjusted elevator cable tension per the manufacturer's specifications.			AIRFRAME September 16, 2011 Hobbs: 123.8 N2400A
		Adjusted elevator trim cable tension per the manufacturer's specifications.	- 1		Removed induction air placard and replaced with new part.
		Adjusted aileron cable tension per the manufacturer's specifications.			Complied with Piper S.B. 1237, static discharger replacement, per the service letter
		Torqued left and right main gear torque link bolts per the manufacturer's specifications			instructions.
n		Page 2 of 3			Installed shims in left and right main gear trunnion pivot per the manufacturer's maintenance
	Tota	[POOD 000 000 000 000 000 000 000 000 000		1	manual. Performed ground taxi of aircraft. No noise noted during taxi.
	Carry I	orward	- 8	,	For Assisting S. L. V. S.
					For Aviation Sales, Inc. Jom J. Meslaw
			- 100		W.O. 16848 Tom T. Mestas, A&P 523940167

Registration No._

AIRFRAM	E December 23	3, 2011	Hobbs: 157.4	N2400A	ntenance
			and replaced with new part Seri	112400A	
Operational	check good	11 11111110	and replaced with new part Seri	at No. n-L080930.	
		and replaced	with new part. Operational che	-l1	
Removed	l insulation from or	milat's shoul	der harness spool. Operational c	ck good.	
Complied	with Piper S.B. 12	12 A landing	con malforation but all	neck good.	
per Part I an	d Part II, para. 1-4	and found t	g gear malfunction, hydraulic povo o be Mod.D. No further action i	ver pack inspection	
			o de Mod.B. No further action i	equired.	***************************************
For Tempus	Aircraft Sales & S	ervice	aille CC	/ //	
W.O. T1702			Gilbert C. Schoales Jr. Ad	P.D 10542741	
			Ghoeft C. Behoales Jr. At	CI 19343741	
	1				
					8
	EM	ERGENCY E	BATTERY REPLACEMENT I in aircraft logbook		
	Becommer	ded battory r	oplooment 2 man ()		
	of ins	tallation. Orde	eplacement 3 years from date er Part No. 9015607 from		
	IVIIU-C	Julinent Instru	ments at (800) 821-1212		
	D	ate of Installat	ion: 3 123 12012		
Total To	***************************************				
Carry Forward					
/ = ======	******************				

DUNCAN AVIATION SM	N2400A Tempus Aicraft	Piper PA-46-350P S/N: 4636493	March 20, 2012
Completed the 12 month maintenance manual section	h inspection and functional to on 4.1 and found to comply with	est of the ELT system I.A.W Arte th FAR 91.207 (d).	o. x ME 406 installation, operation, and
ELT Model: Artex ME400 ELT P/N:453-6603 ELT S/N:197-07477 ELT Battery Pack Expires	5		
ELT Hex ID: ADCC40741	D400315		-
Signed:	or maintenance is approved for maintenance is approved for SS # JG7D076J Phone: 303	QI 111I	is on file under Work Order #1BRQA. Avionics; Englewood, CO 80112 Total Landings:
		8	

Data			Aircra	ft Time		Recorder			Maintenan	ce
Date		This Date Total Reading			Maintenan	-				
	AIR	FRAME	March	30, 2012	Hour	s: 210.1	To	otal Time: 210.1	N2400A	
			Prope	ller Total Tim	ne: 2	10				
	I	Performed					ipei	PA46-350P check	list and FAR	
	43. A	opendix l	D. Airv	vorthiness Dir	rectiv	e complia	nce	checked through Re	evision 2012-	
	05.	11								
]	Removed	cabin	window sh	ade	assemblie	s a	and replaced with	new parts.	
		ational ch							D-0-0-0	
	1	Complied	with N	1id-Continent	stan	dby attitud	de i	ndicator battery cap	acity test per	
				ecifications.					<u> </u>	
		Complied	with 10	00 hour/annua	al oxy	gen gener	ator	inspection. No defe	ects noted.	
		Performed	annua	l speed brake	inspe	ection and	lub	rication. No defects	found. —	
		Complied	with 10	00 hour vacuu	ım re	lief valve	filte	r replacement.		
								ur/annual capacity c	heck. Battery	
				alled battery a						
		Complied	with 30	day battery	comp	artment in	spe	ction. No discrepand	cies noted.	
		Complied	with 10	00 hour aircra	ıft ele	ectrical box	ndin	g inspection. No de	fects noted.	
		Complied	with 2	00 hour/1 year	r cab	in pressur	izat	ion system test. No	discrepancies	
	note	d.							D 1 C 2	
								2	Page 1 of 3	
Total To Carry Forw	vard									

Registration No		
and Remarks	Signature	Certificate No.
AIRFRAME (cont'd) March 30, 2012 Complied with 90 day fuel filter cleaning per the manufactur. Complied with Piper VSP 215 and Lycoming S.B.597, fuel by replacing fuel drain valve with a new part per the service bul. Complied with Piper S.B. 1243C, landing gear malfunction inspection per Part II, para. 1-9, remark hydraulic power pack instructions. Complied with Part I, Part IV and Part V, re. Operational and leak checks good. Replaced "Alternate Air" placard with fabricated part. Removed forward door cable and replaced with new part. Of Serviced air conditioner with refrigerant per the manufacture of the part of the par	drain valve inspection, letin instructions. , hydraulic power pack per the service bulletin work hydraulic pump. Operational check good. acturer's specifications. Operational check good.	
		98

Date	Aircraft	Time	Recorder	***	Maintenance	
Date	This Date	Total	Reading	Ma		
AI	RFRAME (cont'd)	March 30, 20	12	N2400A		
	Adjusted engine RF	PM per the man	ufacturer's spec	ifications.		
	Removed Mid-Con	tinent standby l	oattery Serial N	lo. H10-10390 and replaced with		
nev	w part Serial No. B12	2-10012 after ser	rvicing and cha	rging. Operational check good.	-	
	Adjusted aileron ca					
	Adjusted rudder cal					
	Adjusted elevator c					
				facturer's specifications.		
				n switch light bulbs and replaced		
wit	h new parts. Operation					
-				in accordance with an Annual		
Ins	pection and was dete	rmined to be in	airworthy cond	lition.		
Par	. T A ! A C.	1 C	1	m to		
	r Tempus Aircraft Sa O. 17053	ies & Service	Tom Most	as, A&P, 523940167 IA		
vv .	O. 17033		I om Mest	Page 3 of 3		
				Fage 3 01 3		
Total To						
Carry Forward						

Registration No.



October 10, 2012

Aircraft Total Time: 286.0

N2400A

Hobbs: 286.0

-Removed and replaced left and right brake linings and insulator shims with new parts. Checked disc wear found to be within serviceable limits. Operational check of brakes good.

-Isolated noises in cabin during pressurization to interior window shades and cockpit inner windows. Removed cockpit side and overhead panels, fitted side panels to eliminate contact with the side windows, reinstalled side and overhead panels. Removed cabin interior as required and repositioned cabin window shades to eliminate contact with windows, reinstalled cabin side and overhead panels. Performed pressurization test and confirmed normal operation.

For Tempus Aircraft Sales & Service WO# 1965

Ronald C. Gish A&P3650077



N2400A **Tempus Aircraft** Piper PA-46-350P S/N: 4636493

February 11, 2013

Performed autopilot clutch torque check IAW Section 34-20-00 (Autopilot Slip Clutch Torque Check) of Piper Aircraft, Inc. PA-46-350P, Malibu Mirage (G1000) Maintenance Manual. System operational check normal.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order #

Signed: Duncan Aviation CRS # JG7D076J

for Duncan Avionics; Englewood, CO 80112

Phone: 303-649-1790

Total Time:

Total Landings:



N2400A Tempus Aircraft Piper PA-46-350P S/N: 4636493

February 11, 2013

Performed Annual ELT Inspection on Artex ME406 (PN: 453-6603 SN:197-07477) IAW Cobham Description, Operation, Installation and Maintenance Manual for ME406 ELT and found to comply with FAR 91.207 (d). Operational check normal. No defects noted

Battery PN 452-6499

Battery Expiration Date: November 2016 Beacon ID # ADCC4074D400315

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order #

Signed: Duncan Aviation CRS # JG7D076J

QI 1111

for Duncan Avionics; Englewood, CO 80112 Total Time:

Total Landings:

DUNCAN AVIATION SM

N2400A **Tempus Aircraft** Piper PA-46-350P S/N: 4636493

February 15, 2013

Removed Garmin GDU GDU1040-10 PN: 011-00972-10 SN: 88955621 from aircraft and replaced with warranty exchange, serviceable Garmin GDU GDU1040-10 PN: 011-00972-10 SN: 88955771. Loaded system files and configuration files. The system ground tests normal IAW the Garmin G1000 System MM.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 20YTA.

Phone: 303-649-1790

Total Time:

for Duncan Avionics; Englewood, CO 80112 Total Landings

Registration No.

DUNCAN N2400A Tempus Aircraft

Piper PA-46-350P 4636493

February 12, 2013

The altimeter system and static system tests and Inspections and automatic pressure altitude reporting system required by 14 CFR 91.411 and the ATC Transponder test and inspection required by 14 CFR Part 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Air Data Computer Air Data Computer Standby Altimeter #1 Transponder

PN: 011-00882-10 PN: 011-00882-10 PN: 5934PAD-3 PN: 011-00779-10

SN: 20609522 SN: 20609529 SN: 480351 SN: 89120832 Tested to 28,000 ft. Tested to 28,000 ft. Tested to 28,000 ft.

The Air Data Display Unit listed above was tested to 28,000 feet on February 12, 2013. The Air Data Display Unit listed above was tested to 28,000 feet on February 12, 2013. The Standby Altimeter listed above was tested to 28,000 feet on February 12, 2013. The #1 Transponder listed above was tested on February 12, 2013. Encoder data correspondence was tested to 28,000 feet on February 12, 2013. The static system was leak tested and inspected on February 12, 2013.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 20YGA. DUNCAN QI 1473

for Duncan Avionics; Englewood, CO 80112

Duncan Aviation CRS # JG7D076J

Phone: 303-649-1790

Total Landings:

Total Time:



AIRFRAME

February 19, 2013

N2400A

Hobbs: 323.3

Aircraft Total Time: 323.3 Propeller Total Time: 323.3

Performed an Annual Inspection using the Piper PA46-350P checklist and FAR 43 Appendix D.

Airworthiness Directive compliance checked through Revision 2013-02.

-Complied with the continued airworthiness inspection requirements for the installed equipment as required.

Airworthiness Directives and Service Bulletins

-Complied with Piper AD2011-06-10 Turbine inlet temperature probe replacement, by installing new turbine inlet temperature probe. Serial Number off 1050, Serial Number on 1202. Operational check good.

-Complied with Piper Service Bulletin 1204 Wing Structure Life Limit. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time.

-Complied with Piper Service Bulletin 1256 nose landing gear torque link hardware replacement.

Aircraft Scheduled Maintenance and Inspections

- -Complied with the 90 day fuel strainer drain inspection per the manufacturer's specifications. No discrepancies noted.
- -Complied with the 1 year/200 hour outflow and safety valve cleaning.
- -Complied with the 1 year/100 hour cabin pressurization controller operational inspection. No discrepancies noted.
- -Complied with the 1 year/200 hour cabin pressurization system test. No discrepancies noted.
- -Complied with the 1 year/100 hour static discharger inspection. No discrepancies noted.
- -Complied with the 30 day battery compartment inspection. No discrepancies noted.
- -Complied with the 1 year/400 hour aircraft battery capacity check. Battery failed capacity test. Removed battery Serial Number G02541284 and installed new battery Serial Number G02762119.
- -Complied with the 100 hour aircraft electrical bonding inspection. No defects noted.

Page 1 of 3

Registration No. Certificate No. Signature and Remarks N2400A February 19, 2013 AIRFRAME (cont'd) **Aircraft Scheduled Maintenance and Inspections** -Complied with the 1 year/100 hour landing gear retraction system functional test. No discrepancies noted. -Complied with the 1 year wheel bearing lubrication. -Complied with the 1 year fire extinguisher contents check. No discrepancies noted. -Complied with the 1 year speed brake inspection and lubrication. No discrepancies noted. -Complied with the 1 year flight control cable lubrication. -Complied with the 1 year/100 hour oxygen generator inspection. No discrepancies noted. -Complied with the 1 year Mid-continent standby attitude indicator battery capacity test and charge. No discrepancies noted. -Complied with the 1 year/100 hour COM failsafe operational check. No discrepancies noted. -Complied with the 1 year/100 hour Garmin avionics trim annunciator test. -Complied with the 1 year/100 hour Garmin avionics G1000 redundant connection test. -Complied with the 1 year/100 hour Garmin avionics cooling fan fail test. -Complied with the 1 year Garmin avionics GFC700 system inspection. -Complied with the 2 year magnetic compass calibration swing. A new compass correction card was installed. -Complied with the 2 year calibration swing of the #1 and #2 ADAHRS. -Complied with the 100 hour vacuum pump wear inspection. No discrepancies noted. -Complied with the 100 hour vacuum regulator filter replacement. **Aircraft Maintenance Actions** -Resecured and installed new Velcro as needed on cockpit carpet for proper fit.

-Removed and reworked aft right cabin headset microphone plug assembly as required to obtain proper contact with

Page 2 of 3

- Cleaned and lubed upper cabin door latch locking mechanism. Operational check good.

plug bayonet. Operational check good.

		AIRCRAFT LOG			-TEMPII	AIRFRAME March 8, 2013		N2400A Hobbs: 331.6	
Date	Aircraft Time This Date	e Recorder Total Reading	Maintenance	and Re	AIRCRAFT SALES & SERVI	Aircraft Total Time:	331.6		te No.
-Removed and manufacturer's -Removed stall Operational ch	replaced top left engine ms specifications. warning lift transducer Seeck good.	nount to firewall bolt, nut and werial Number 1412808-02., and i	N2400A vashers with new and torqued to nstalled new Serial Number 152114-07.		-Removed and replaced copilot's se For Tempus Aircraft Sales & Service WO# 2089	1/h	%P2735411		
-Installed new -Resecured end -Removed, rep -Removed, rep bearingsRetorqued left -Retorqued rigl -Cleaned brake -Removed and check goodInserted VB-22	O-rings on fittings to nose of cap on left steering rod by laced and balanced the left laced and balanced the right torque link bolts. In the torque links bolts of the torque links bolts of the torque links bolts. In the dust from left and right by replaced right gear trunion laced	ooot. It landing gear tire. Cleaned, insight landing gear tire. Take assembly. In thrust washers and shims to our content of the Pilots Operation.	Operational and leak check good. pected and serviced the left wheel bearings. spected and serviced the right wheel	exchange Gard IAW instructi Aircraft).	red Garmin GDU GDU1500-10 P/n min GDU GDU1500-10 P/N: 011-011 ions contained in Garmin G1000 Integrates repair or maintenance is approximately	08-10 S/N: 43225380. Sygrated Flight Deck System oved for return to service. DUNCAN QLITTI	225425 from aircra extem operational ch n Maintenance Mar A detailed record	aft and installed OHo neck normal. All work nual (Standard Piston	k performed n/Turboprop ork Order # 0112
For Tempus Air WO# 2066	rcraft Sales & Service Gi	Schooles, Jr. A&P36449	753IA Page 3 of 3					×	



Airframe Maintenance Actions

Registration #: N2400A Work Order No: 2131

Total AC Time: 337.7 Date: April 10, 2013

Hobbs: 337.7

-Removed and replaced pilot's visor with new.

-Removed the left rear seat recline button and repositioned the cable and button so that the unit would not bind during operation. Operational check good.

-Secured the Velcro to the emergency exit handle cover as required.

-Removed the landing gear warning manifold pressure switch Serial Number L030246 and installed a new part Serial Number M034775. Operational check good.

-Removed the go around switch in the throttle lever and replaced with new. Operational check good

For Tempus Aircraft Sales & Service

my Webb A&P2735411



Aircraft Maintenance Items

Registration #: N2400A Work Order No: 2171

Total AC Time: 355.1 Date: May 24, 2013

Hobbs: 355.1

-Removed and replaced all cabin window shades with new. -Removed and replaced the right rear facing seat belt assembly with new.

-Removed and replaced the left rear facing seat belt assembly with new.

For Tempus Aircraft Sales & Service WO#2171

ny Webb A&P2735411

Registration No.

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N2400A Piper PA46-350P

10 July 2013 Hobbs: 372.5 S/N: 4636493

Aircraft Total Time: 372.5

Complied with Piper Service Bulletin 1258 (Fuel Vent Valve Inspection) by installation of new vent valves (P/N: 106927-001), one in each wing. Serviced with fuel, leak check and functional check good. Troubleshoot low manifold pressure. Corrected installation of linkage at the fuel servo. Ground run up, operational check good.

Muttel de Tenth

Nathaniel Alan Beuthel A&P 3659835

w/o 33326

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N2400A **Piper** PA46-350P S/N: 4636493 **Airframe Log Entry**

27 November 2013

Hobbs Meter: 420.7

Removed nose strut, resealed and serviced. Reinstalled on trunnion and inflated to correct height. . coffey,

Alberto Pizzato A&P2522916 w/o 33843

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N2400A Lycoming TIO-540-AE2A S/N: L-13596-61A Total Time: 475.7 7 May 2014 Hobbs:

Piper AD 2013-13-01 (fuel vent valve) P/C/W by installing new valves per Piper SB 1258 see Airframe log entry dated 10 July 2013. This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 5/6/2014.

Scott S. Fisher A&P 3290363

w/o 34250

Aircraft Time Recorder Date Maintenance Reading This Date MAKE PIPER Repair Station No. K5SR339N DATE: 6/4/2014 MODEL PA-46-350P 303 N 2370 W A/C TSN: 479.4 TACH: Salt Lake City, Utah 84116 REG NO N2400A **AVIATION** Phone: 801-933-7500 WORK ORDER: P1663 Airframe Entries (1) AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION PER FAR 43 APPENDIX D USING THE PIPER PA46-350P INSPECTION CHECKLIST 05-20-00 AS A REFERENCE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. (2) ELT OPERATIONAL CHECKED SATISFACTORY IAW FAR 91.207.D. BATTERY EXPIRATION DUE DATE NOV/2016 (7) AD SEARCH C/W USING ATP REVISION 06/02/14. SEE AD REPORT PRINTED 06/04/14. (14) ENGINE AIR INLET FILTER 500 HOUR REPLACE C/W BY INSTALLING WITH NEW FILTER P/N P15-1936. (22) BATTERY COMPARTMENT 30 DAY INSPECTION FOR CORROSION, ETCHING AND CONDITION. FOUND TO BE SATISFACTORY (23) PORTABLE FIRE EXTINGUISHER 30 DAY INSPECTION FOR CONDITION AND CHARGE CAW. CHECKED SATISFACTORY (24) ELT TRANSMITTER 30 DAY TEST (SELF TEST CAW. CHECKED SATISFACTORY. (25) FUEL FILTER 90 DAY CLEANING C/W. REPLACED UPPER FUEL BOWL O-RING P/N AS3569-232 IAW PIPER PA-46-350P AMM CHAPTER 28-20-00. OPERATIONAL AND LEAK CHECK SATISFACTORY. (26) 90 DAY PA46R-350T AND PA46-350P G1000 STANDBY ATTITUDE INDICATOR HAS NOT BEEN OPERATED PERFORM 90 DAY CHARGE PER 34-20-00. C/W. (29) STANDBY ATTITUDE INDICATOR BATTERY REMOVED P/N 9015607 S/N B-12-10012. INSTALLED NEW INDICATOR P/N 9015607 S/N C14-10298 PER PIPER PA46-350P AMM CHAPTER 34-20-00. OPERATIONAL CHECKED SATISFACTORY. (31) AD 84-26-02 FOR PAPER INDUCTION AIR FILTER C/W BY INSTALLATION OF NEW FILTER. NEXT INSPECTION DUE AT HOBBS 979.4 OR ON CONDITION. EFFECTIVE DATE 01/29/85. (33) PIPER (MANDATORY) SERVICE BULLETIN SB 1269A FOR GWX GROUND REWIRE CAW PER SERVICE BULLETIN INSTRUCTIONS. (35) TREATED GOVERNOR RETURN SPRING WITH CORROSION X. (36) CATERPILLAR GROMMET ON SHUTOFF VALVE CONTROL CABLE PLATE RESECURED. (39) PROPELLER CABLE AFT BAFFLE PASS THRU GROMMET REPLACED P/N MS35489-11 IAW PIPER PA-46-350P IPC SECTION 7 POWERPLANT PAGE 7-16. (41) RESECURED CABLE STANDOFF IN LEFT WHEEL WELL WITH 1300L. C 1 of 2

Registration No. Certificate No. Signature and Remarks (42) RIGHT NAVIGATION LIGHT BULB REMOVED AND REPLACED WITH NEW ULB P/N NLI7512-24 IAW PIPER PA-46-350P AMM CHAPTER 33-40-00. OPERATIONAL CHECK SATISFACTORY. (43) TAIL BEACON LAMP REMOVED AND REPLACED WITH NEW LAMP P/N 761-337 IAW PIPER PA-46-350P AMM CHAPTER 33 LIGHTS SECTION 33-40-00 PAGE 2. OPERATIONAL CHECK SATISFACTORY (44) LEFT AND RIGHT MLG ACTUATORS AND DOORS ADJUSTED IAW PIPER PA-46-350P AMM 32-10-00. (45) SMALL NICK ON CABIN DOOR SEAL FORWARD SEALED WITH DOW CORNING 3245 RTV IAW PIPER PA-46-350P M.M. CHAP 52-10-00. (47) DORSAL FIN FORWARD FAIRING LIGHTNING DIVERTER P/N 272-226 INSTALLED PER PA46-350P AMM CHAPTER (49) RIGHT AND LEFT ACTUATOR UPPER HOSES REMOVED AND REPLACED WITH NEW HOSES P/N 565-905 IAW PIPER PA46-350P AMM 29-10-00. LEAK AND OPERATIONAL CHECKED SATISFACTORY. (50) LANDING LIGHT ROCKER SWITCH BULB REMOVED AND REPLACED WITH NEW BULB P/N 472-200 IAW PIPER PA-46-350P AMM 33-10-00. OPERATIONAL CHECKED SATISFACTORY. (51) STROBE LIGHT ROCKER SWITCH BULB REMOVED AND REPLACED WITH NEW BULB P/N 472-200 IAW PIPER PA-46-350P AMM 33-10-00. OPERATIONAL CHECKED SATISFACTORY. (52) COMPASS LAMP REMOVED AND REPLACED WITH NEW LAMP P/N 327 IAW PIPER PA-46-350P AMM 34-20-00. OPERATIONAL CHECKED SATISFACTORY. Lecrtify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1663 Work Order: P1663 DATE: 6/4/2014 SIGNED: Printed by EBis 3 (datcomedia.com) Jimmy P. Ray Certified Repair Station No.

N2400A 8 January 20	Piper PA 15 Hobbs: 514.8 aircraft battery, charged	46-350P	EWOOD, COLORADO 8 S/N: 4636493	0112 (303) 799-8386 Airframe Log Entry g gear strut with nitrogen per
12.710	I fler	Alberto P	izzato A&P2522916	w/o 35193
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	5 50 0			
		5		
Total To Carry Forward				

MALIBU AEROSPACE

9833 North Airport Road, Suite 101, Minneapolis, MN 55449 877-662-5428 malibuaerospace.com

- kl.

Registration: N2400A

PAGE 1 of 1

Model: PA46-350P

Serial: 4636493 Hohbs: 529.1 Date: 5/15/2015

- 1. INSTALLED LONG RANGE FUEL CAPS STC SA00859AT. FAA FORM 337 DATED 4/24/15. UPDATED WEIGHT AND BALANCE.
- 2. INSTALLED MALIBU AEROSPACE LED TAXI LIGHTS IAW STC SA03188CH AND L46-DL-5000, REV D DOCUMENTATION. REF FORM 337 FOR DETAILS.
- 3. REMOVED LEFT CENTER PASSENGER SEAT. WEIGHT AND BALANCE UPDATED.
- 4. REMOVED RIGHT CENTER PASSENGER SEAT, RECLINE STRUT AND SHOULDER HARNESS. WEIGHT AND BALANCE UPDATED.
- 5. INSTALLED AMSAFE SEATBELT AIRBAGS FOR BOTH THE PILOT AND COPILOT SEATS IAW WITH AMSAFE INSTALL INSTRUCTIONS AND AC43.13 1B-2B. SEE INSTRUCTIONS FOR CONTINUED AIR
- 6. COMPLIED WITH PIPER SL1128 BY INSTALLING KIT P/N 88495-002 AND NEW CONCORDE RG24
- 7. COMPLIED WITH SL 1157 PART I AND II BY INSTALLING 472-528 LANDING LIGHT, FUNCTIONAL CHECK SATISFACTORY.
- 8. REMOVED AND REPLACED POH BINDER PN: 758-720.
- 9. INSTALLED PM RESEARCH RADOME BOOT P/N PM-158, IN ACCORDANCE WITH PM RESEARCH SHOP MANUAL INSTRUCTIONS.
- 10. INSTALL BOSE HEADSET JACKS AT AFT PASSENGER STATIONS.
- 11. REMOVED AND REPLACED FORWARD CABIN DOOR CABLE PN: 105982-002, FUNCTIONAL CHECK SATISFACTORY.

Wilder Morey License: A&P 3464563 IA

AEROSPACE

9833 North Airport Road, Suite 101, Minneapolis, MN 55449 877-662-5428 malibuaerospace.com Registration: N2400A

PAGE 1 of 2

Model: PA46-350P

Serial: 4636493 Hobbs: 529.1

Date: 5-15-15

1. PERFORMED ANNUAL INSPECTION REFERENCING MALIBU AEROSPACE ANNUAL INSPECTION CHECKLIST.

- 2. COMPLIED WITH PIPER SB 1204. OPERATING HISTORY OF THIS AIRCRAFT HAS BEEN DETERMINED TO BE "CATEGORY 1, NORMAL USAGE" AT THIS TIME.
- 3. COMPLIED WITH SB 1247 BY INSERTING THE SB INTO THE POH, SECTION 2 LIMITATIONS.
- 4. COMPLIED WITH SB 1250A BY UPDATING THE POH WITH THE LATEST REVISION.
- 5. COMPLIED WITH PIPER SL 1183 BY INSPECTING THE ELEVATOR PLATE ASSEMBLY FOR LOOSE OR DAMAGED RIVETS. NO DEFECTS NOTED.
- 6. PIPER SL 1159 PART 2 GROUP B COMPLIED WITH BY INSTALLING NEW FUEL SENDERS IN BOTH LEFT AND RIGHT WING, PERFORMED FUEL SENDER CALIBRATION IAW MIRAGE MAINTENANCE MANUAL CHAPTER 28-40.
- 7. INSPECTED FIREWALL IAW PIPER SL 177. NO DEFECTS NOTED.
- 8. INSPECTED ALL FLIGHT CONTROL SURFACES AND ATTACH POINTS IAW SL 609.
- 9. CLEANED DE-ICE CONTROL VALVES, PERFORMED OPERATIONAL TEST, NO DECIS NOTED.
- 10. COMPLIED WITH CABIN PRESSURIZATION SYSTEM TEST, CHAPTER 21-30-00.

- 12. INSPECT AERBORNE PRESSURE & VACUUM MANIFOLDS, REF AIRBORNE SL 39A.
- 13. FUEL TANK, TRANSMITTER FLOATS AND FUEL STRAINER INSPECTION COMPLIED WITH PER PIPER
- 14. CONDUCTED A FULL CAPACITY TEST OF THE STANDBY ATTITUDE INDICATOR EMERGENCY POWER SUPPLY PS-834A, SN: 1089 IAW PIPER MIRAGE MM SECTION 34-20-00 (2) (B).
- 15. COMPLIED WITH SPEED BRAKE INSPECTION PER PIPER MM 27-60-00.

Registration No.

MALIBU AEROSPACE

9833 North Airport Road, Suite 101, Minneapoiis, MN 55449 877-662-5428 malibuaerospace.com

Registration: N2400A Model: PA46-350P Serial: 4636493 Hobbs: 529.1 Date:

PAGE 2 of 5

- 16. COMPLIED WITH PIPER 2 YEAR HYDRAULIC FLUID FLUSH. DRAINED FLUID & REFILLED WITH MIL-H-5606 FLUID. OPERATIONAL CHECK SATISFACTORY.
- 17. CLEANED & CONDITIONED DEICE BOOTS WITH AGEMASTER #1.
- 18. LUBRICATED AILERON SECTOR BEARINGS WITH TFL-50 IAW PIPER SL 1131.
- 19. INSPECTED FLIGHT CONTROL CABLES PER PIPER SL 1135 AND FAA ADVISORY CIRCULAR AC 43.13-18 CHG 1, CHAPTER 7, SECTION 8.
- 20. COMPLIED WITH PIPER CIL-080327 BY CHECKING AND ADJUSTING NLG RAKE ANGLE, RUDDER CABLE TENSION AND STEERING ARM ROLLER GAP AND TIRE PRESSURE.
- 21. FLUSHED AIRCRAFT BRAKE FLUID WITH MIL-H-5606.
- 22. COMPLIED WITH PIPER VSP 216/GARMIN SA 1129 REV A BY VERIFYING SOFTWARE LEVEL IS **ABOVE 3.01.**
- 23. APPLIED FLAP CHAFE TAPE TO BOTH LEFT AND RIGHT FLAPS.
- 24. REPOSITIONED LEFT AILERON OUTBOARD CABLE PULLEY GUARD SO AS NOT TO CONTACT FLAP IN FULL UP POSITION.
- 25. CORRECTED GLARESHIELD.
- 26. RIGGED AILERONS PER PIPER MM 27-00-00.
- 27. REPAIRED SMALL TEAR IN CABIN FORWARD DOOR SEAL.
- 28. INSTALLED NEW MAIN FUEL BOWL DRAIN VALVE, P/N 592-611. LEAK CHECK WAS SATISFACTORY.
- 29. INSPECTED RUDDER CABLE TENSION AND FOUND WITHIN LIMITS PER PIPER MM 27-29-00.
- 30. UPDATED POH TO REVISION 16 DATED MAY 19, 2014.

MALIBU AEROSPACE

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Model: PA46-350F Serial: 4636493

Hobbs: 529.1

Date:

31. REMOVED PILOTS LH BRAKE MASTER CYLINDER, INSTALLED MASTER CYLINDER SEAL KIT PN: 765
-328 IN MASTER CYLINDER, REINSTALLED PILOTS LH BRAKE MASTER CYLINDER, SERVICED WITH
MIL-5606, PURGED SYSTEM OF AIR, FUNCTIONAL CHECK SATISFACTORY.

- 32. REMOVED AND REPLACED 2EA LH BRAKE CALIPER ORINGS PN: MS28775-222, 2EA LH BRAKE CALIPER INSULATED PUCKS PN: 088-00100, AND 1EA LH BRAKE CALIPER INSULATED SHIM PN: 068-01100, SERVICED WITH MIL-5606, PURGED SYSTEM OF AIR FUNCTIONAL AND LEAK CHECK SATISFACTORY.
- 33. REPLACED LEFT BRAKE PADS, CLEVELAND PN: 066-06200. BLED BRAKES AND SERVICED RESERVOIR WITH 5606.
- 34. REINSTALLED CHAFE STRIP ON RIB FOR FUEL LINE IN RIGHT WHEEL WELL.
- 35. REMOVED MUD DAUBER NEST FROM RIGHT WING FORWARD TRUNNION.
- 36. FILED BOTH LEFT AND RIGHT WING SKIN AT MLG AFT TRUNNION ATTACH, TO INCREASE THE RADIUS OF THE SKIN.
- 37. STRAIGHTENED BENT ARM ON #5 SEAT SPRING, LUBRICATED CAM WITH LPS 1, OPS CHECKED GOOD TO LATCH IN UPRIGHT POSITION.
- 38. REPLACED CUP-HOLDER.
- 39. RESEALED LH COLLECTOR TANK ACCESS PANEL, LEAK CHECK SATISFACTORY.
- 40. RIGGED ELEVATOR PER PIPER MM 27-00-00.
- 41. REMOVED AND REPLACED 2EA FIN/STROBE SWITCH BULBS PN: GE85, FUNCTIONAL CHECK SATISFACTORY.
- 42. MOVED WIRES ON STROBE/FIN LIGHT SWITCH TO UNUSED TERMINALS OF SWITCH, FUNCTIONAL CHECK SATISFACTORY.

Carry Forward

MALIBU AEROSPACE

9833 North Airport Road, Suite 101, Minneapolis, MN 55449 877-662-5428 malibuaerospace.com Registration: N2400A Model: PA46-350P

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Serial: 4636493 Hobbs: 529.1

Date:

- 43. TIGHTENED BRAKE FITTINGS ON BOTH PILOT AND CO-PILOT SIDE AND AT PARKING BRAKE BLOCK.
- 44. SERVICED HYDRAULIC RESERVOIR WITH 5606.
- 45. ADJUSTED NOSE GEAR STEERING CLEARANCE PER PIPER MM.

46.

- 47. UPDATED GPS AND MFD SOFTWARE.
- 48. TYWRAP WIRES FOR NLG DOWN LOCK SWITCH.
- 49. REMOVED L/H GEAR ACTUATOR FITTINGS AND INSTALLED TWO NEW ORINGS MS 28778-4 / 484 -950, PERFORMED GEAR SWING AND LEAK CHECKED GOOD.
- 50. INSTALLED WASHERS ON NOSE GEAR LOWER ACTUATOR BOLT PER PIPER MM.
- 51. REPLACED O RING ON DOWN FITTING FOR NOSE GEAR DOOR ACTUATOR.
- 52. TORQUED AND SAFTIED NOSE GEAR LOWER ACTUATOR BOLT PER PIPER MM.
- 53. REPLACED NOSE GEAR STEERING BELLCRANK BUSHING AND SPACER. REF PIPER MM 32-50-00.
- 54. SECURED ALL THREE DE ICE BOOT OUTBOARD LEADING EDGES.
- 55. REMOVED CORROSION FROM ENGINE MOUNT AREA OF UPPER ACTUATOR BOLT. COMPLIED WITH SB 1103E PART 1 INSPECTION, NO DEFECTS NOTED. APPLIED CORROSION PREVENTATIVE TO
- 56. C/W GARMIN G1000 REDUNDANT CONNECTION ANNUAL INSPECTION.
- 57. SHIMMED LEFT MAIN GEAR TRUNNION PER PIPER MM.
- 58. INSTALLED PROPER WASHER FOR RMG LOWER ACTUATOR BOLT AND TORQUED PER PIPER MM.
- 59. SECURED VELCRO TO FORWARD BAGGAGE CARPET AS NECESSARY.

	Minneapolis MN	ort Road, Suite 101, 55449 aalibuaerospace.com	Serial: 4636493 Hobbs: 529.1 Date:	
	ONE CREATED A	P SYSTEM RIGGING IAV ACTORY. CKED THRU ISSUE 2015	V PIPER MIRAGE MAINTENANCE MANUA	L, FUNCTIONAL
	62. I CERTIFY THAT	THIS AIRCRAFT HAS B	EEN INSPECTED IN ACCORDANCE WITH O BE IN AIRWORTHY CONDITION.	AN ANNUAL
		A+P 3464563		
Total	То			

Registration: N2400A

Model: PA46-350P Serial: 4636493

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MALIBU

AEROSPACE

Registration No.

MAKE: Piper MODEL: PA46-350P S/N: 4636493 REG. NO: 2400A WORK ORDER: ANE14137-05-2015



DATE: 5/14/2015 A/C TSN: 529.5 HOBBS: 529.5

Airframe Entries

(1) Comply with GFC-700 clutch torque set.... Remote Ramp ANE Key Air hanger. Removed 4 servos for clutch setting. Reinstalled 4 servos according to Piper MM part#761-876 Dated Feb 15, 2014 chapter22-10-00.[ITEM](2) GDU #1 and #2 out of tolerance.... Performed GDC calibration IAW Garmin Manual 190-00303-82 Rev C Dated Feb 2011.[ITEM](3) Perform (Dual Certification, Two Altimeter or PFD and Altimeter) Dual Transponder/Mode S and Stand-by Altimeter. (Turbo Prop/Pressurized)... Remote Ramp Key Air: Performed The Following:

The Below Identified Equipment Has Been Found To Conform To The Following: FAR 91.411, 91.217, Part 43 Appendix E, FAR 91.413, Part 43 Appendix F. FAR Part 23.1325. This Equipment Is Compliant With The Above FAR's And Meets or Exceeds The Requirement For IFR Flight In Instrument Meteorological Conditions, (IMC). The below altimetry maintain specified accuracy to:

The below Mode 'S' Transponder conforms to the Manufacturers Specifications. The Mode 'A' and Mode 'C' characteristics has been found to conform the following: FAR.413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds requirement for airworthy transponder.

Pilots Panel: Altimeter Make: Garmin Model: GDC 74 SN: 20609522

Copilots Panel Make.: Garmin Model: GDC 74 SN: 20609529

Back-Up System Make.: United Model:5934PAD-3 SN: 480351

Encoder Make: Garmin Model: GDC 74 SN: 20609522

Transponder Make.: Garmin Model: GTX 33 SN: 89120832

.[ITEM](4) MFD/PFD software updates.... Remote Ramp: Key Air hanger.
Installed new software for G-1000 PFD's and MFD per Piper Service Letter No 1179.[ITEM](5) SB1179 Garmin GIA software Com

1 of 2

software loading issue. Ve Software updated per Pip Malibu Aerospace. Updat 2105-MAY-28.	erify software level is 720.15 er Service letter # 1179.[ITE ed G1000 Databases with c	or later Remote Ramp: EM](6) Update customer Dustomer supplied subscription	Key Air atabases. See notes tab R ion. Current cycle is 1505 and	emote ramp KANE l expires ce
DATE: 5/14/2015	SIGNED:	a Cola		er: ANE14137-05-2015
			Printed by El	lis 3 (datcomedia.com)
		2 of 2		
l To	***************************************			



200 Airport Dr. Westminster, MD 21157

Phone: (410) 574-4144 / Fax: (410) 848-6451

Aircraft Log Entry Hobbs: 597.7 Registration #: N2400A Date: June 18, 2015 W/O: DMW-102344 **Total Time:** Make/Model: PA-46-350P Cycles: S/N: 4636493

C/W Piper mandatory SB 1283 Cabin Altitude Encoder Installation Modification dated June 12, 2015 by installing two cable ties specification MS3367 and applying Loctite Threadlocker Blue 242 onto the hold down nut's threaded post IAW Part 1 instructions 1-4. Part 2 inspection is due at ACTT: 647.7

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: DMW-102344

for Skytech, Inc.200 Airport Dr. Westminster, MD 21157. CRS# LF1R294K

Experience the Skytech-Advantage

200 Airport Dr. Westminster, MD 21157

Phone: (410) 574-4144 / Fax: (410) 848-6451

Aircraft Log Entry Date: June 19, 2015 Hobbs: 599.3 Registration #: N2400A Total Time: 599.3 Make/Model: PA-46-350P W/O: DMW-102344A Cycles: S/N: 4636493

Removed surface deice boot timer s/n U1809. Installed a new surface deice timer p/n 3D2600-03 s/n U3184 IAW Piper PA-46-350P MM 30-10-00.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: DMW-102344A

for Skytech, Inc.200 Airport Dr. Westminster, MD 21157.

te No.

	15 NZ4UUA, PIPE	R PA-46-350P,	S/N 46364	93, TACH 617.2		
	ltage regulator fo					
	/N B-00382-1. Th				for the	work
	Lawson Aero, LLC	Afton, WY Me	chanic	us W day	usen	A .
&P/IA_30=	34108	·		/		
	i					
	ranite Mounta	in Aviation, L	L.L.C	1	Date:	8-26-15
6!	543 Crystal Lan	ne		Tach 7	ime:	684.80
P	rescott, Arizon	a 86301		Total 7	lime:	684.80
9:	28-443-8509					
	Complied with 25	hour inspection	n. Checked	operation of all	lights,	pitot hea
st	all warning heat,	stall warning, p	ropeller he	at etc. Serviced	tires ba	attery and
- hy	ydraulic fluid. Insp	pected brake lin	ings.			
		Thomas L.	. Town	lan F		
		36483611	A	Sug /		
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	10-01	oected brake lin Thomas L.	nings. . Town	Our T	tires ba	att

Granite Mountain Aviation, L.L.C 6543 Crystal Lane Prescott, Arizona 86301 928-443-8509

and Rem

Date: 9-2-15 **Tach Time: 694.50** Total Time: 694.50

Replaced nose tire with new Michelin Air 500x5 6 ply tire. Complied with recurring Piper Service Bulletin # 1103D Part I inspection paragraphs 1. through 7. and one time Piper Service bulletin # 1256 by replacement of nose landing gear torque link hardware. Note: Service Bulletin #1103 due again at total time 794.50 Also removed and reinstalled nose cowling and propeller to facilitate engine crankshaft seal replacement.

> Thomas L. Town 3648361IA

Granite Mountain Aviation, L.L.C 6543 Crystal Lane Prescott, Arizona 86301 928-443-8509

Date: 9-29-15 **Tach Time: 729.40**

Total Time: 729.40

Complied with 25 hour inspection. Checked operation of all lights, pitot heat, stall warning heat, stall warning, propeller heat etc. Serviced tires battery and hydraulic fluid. Replaced all brake linings with new. Sealed right and left pitot tube masts to mounting flanges. Removed left speed brake assembly, adjust down limit switch and reinstalled left speed brake assembly.

Thomas L. Town - loud

3648361IA

						-			
ITEM:	1.Approving Civil Aviation Authority/Country: FAA/UNITED STATES 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG 3. Form Tracking Number: 4634229								
m Z	Organization Name				5. Work Or	rder/Contract/Invoice Number:			
4634229 1 1 1 1 1 1 1	Cessna Aircra Cessna Parts Distri 580 F Pawnee	ft Compa bution [any (PC4) Dept. 702 S 67218			1463370			
O N	6. Item: 7. Description: 8. Part Number:			9. Quantity:	10. Serial Number:	11. Status/Work:			
29 PN:	1 TIM R 3D2600-0)3		1	UB184	New			
Z Z .	12. Remarks:				- Maria				
397600-63	AIRWORTE NESS APPROVAL -	PART.	THIS FORM I		AN EXPORT				
-	13a. Certifies the items identified above were manufactured	in conformity to	14a. 14 CFR 43.9	Return to Se	rvice Other re	egulation specified in block 12			
Particular de la constitución de	Approved design data and are in a condition for safe Non-approved design data specified in Block 12.		Certifies tha Block 11 an Title 14, Coo the items ar	t unless othe d described in de of Federal e approved for	rwise specified in Bion Block 12 was according Regulations, part 43 or return to service.	ock 12, the work identified in implished in accordance with and in respect to that work,			
O MONTH OF THE PARTY	13b. Authorized Signature:	13c. Approval/A	uthorization No.:		orized Signature:	14c. Approval/Certificate No.:			
DESC:	Jel 2 Wal-	ODA10	0129-CE						
ゴ	13d. Name (Typed or Printed):	13e. D	ate (dd/mmm/yyyy):	14d. Name	e (Typed or Printed):	14e. Date (dd/mmm/yyyy):			
MER OTY	JOHN S. WALTON	.8	/JUN/2015						
		User/I	nstaller Responsibilitie	es .		to the second and add at			
EA	It is important to understand that the existence of this of Where the user/installer performs work in accordance v specified in Block 1, it is essential that the user/installe airworthiness authority of the country specified in Block Statements in Blocks 13a and 14a do not constitute in accordance with the national regulations by the user/in	with the national reg r ensures that his/hi 1 stallation certification	ulations of an airworthines er airworthiness authority : i. In all cases, aircraft mai	accepts aircraf	t engine(s)/propeller(s)/article(s) from the			
	FAA Form 8130-^ 9/14)					NSN: 0052-00-012-9005			

DMW-102344A

Visit us at www.skytechinc.com

LOWER # 2. VACUUM

PVMI INSTALLED ON NIBELT

10-9-15 0 737.90

1. Approving Civil Aviation
Authority/Country:

-9-15	0 731.90		2	1		3. Form Tracking Number:
. Approvi	ng Civil Aviation ority/Country:	2.				5. Form Fracting Number.
FAA/United States AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						5. Work Order/Contract/Invoice
Organization Name and Address:						Number:
AIRPOWER ACCESSORIES; 884 N TRAILS END, CAMP VERDE, AZ 86322					7	
. Item:	7. Description:		8. Part Number:	9 Quantity:	10. Serial Number:	11. Status/Work:
	VACUUM PUMP		442 CW-6	1	929153	OVERHAUL
REV	PIETEG THAT WORK	C SPECIFIE ECEMBER	D IN BLOCKS 11/12 WAS CAR 14, 2008 AND WITH RESPECT	RRIED OUT IN A	ACCORDANCE WITH PROCE RK THE COMPONENT IS CO	SS SPECIFICATION NO. 234, NSIDERED READY FOR
	fies the items identified al Approved design data an Non-approved design dat	d are in a cond	oufactured in conformity to: lition for safe operation Block 12.	Certific and de Federa	es that unless otherwise specified in Bl	Other regulation specified in Block 12 ock 12, the work identified in Block 11 in accordance with Title 14, Code of o that work, the items are approved for
13b. Auth	norized Signature:		13c. Approval/Authorization	No.: 14b. Autho	rized Signature:	14c. Approval/Certificate No.: A/P: 3514310
13d. Nam	e (Typed or Printed):		13e. Date (dd/mmm/yyyy):		(Typed or Printed): (/ TAYLOR	14c. Date (dd/mmm/yyyy): 29 /SEP/2015
/				aller Responsibi		
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
						NSN: 0052-00-012-9005

FAA Form 8130-3 (02-14)

	Granite Mountain Aviation, L.L.C 6543 Crystal Lane Prescott, Arizona 86301 Sealed right and left pitot tube mounting panels to wing and coated pitot tube connector and pins with Stabilant 22 electronic contact enhancer. Removed N number N2400A and installed new N number N132LT per FAA authorization form 8050-64 issued 10-1-15. Removed #2 lower vacuum pump Tempest part #AA442CW-6 s/n 12645-07 and installed #2 lower vacuum pump Airborne part #442CW-6 s/n 929153 overhauled by Airpower Accessories Bruce Taylor A&P3514310. See FAA form 8130-3 for details. Replaced instrument vacuum filters with new.	and Remo	Registration No. Granite Mountain Aviation, L.L.C 6543 Crystal Lane Prescott, Arizona 86301 928-443-8509 Complied with 50 hour inspection. Checked stall warning heat, stall warning, propeller he hydraulic fluid. Serviced left landing gear stru Thomas L. Town 3648361IA	at etc. Serviced tires battery and
	Thomas L. Town 3648361IA			
Total To Carry Fo				

	AIRCRAFT LOG
DATE 5-9-16 N132LT, PIPER PA-46-350P, S/N 4636493, TT 850.7 METTER 850.7 ELT function test okay, battery due Nov. 2016. Removed all the connectors going to right fuel qty. cleaned and reassembled. Brake pads worn beyond limits, installed 8 new brake linings P/N 66-6200. Left MLG hydraulic line leaking, tightened all hoses and fittings and cleaned off old fluid. 2 hydraulic lines leaking under floorboards, tightened fittings and cleaned off old fluid. ADs checked through 2016-08 all okay at this time. Inspected per Piper service manual and FAR part 43 Appendix D. I certify that this aircraft has been inspected IAW an annual inspection and was found to be in an airworthy condition and is approved for return to service for the work performed, Lawson Aero, LLC Afton, WY Mechanic A&P/IA 282 7868	qty. cleaned and reassembled. Brake pads worn beyond limits, installed 8 linings P/N 66-6200. Left MLG hydraulic line leaking, tightened all hoses and cleaned off old fluid. 2 hydraulic lines leaking under floorboards, fittings and cleaned off old fluid. ADs checked through 2016-08 all okay e. Inspected per Piper service manual and FAR part 43 Appendix D. I this aircraft has been inspected IAW an annual inspection and was e in an airworthy condition and is approved for return to service for the ormed, Lawson Aero, LLC Afton, WY

Total To Carry Forward

Registration No	
EXECUTIVE AIRCRAFT EAST. SHAFE	
M13ZLT AC Hobbs: 815.1 AIRFAME PA46-35CP	2/19/2016 S/N: 4636493
 Removed GWX68 radar P/N 011-00883-00 S/N 83953603 and installed IAW Piper SL 1194A, 9/2015. Complied with required operational checks with no discrepancies noted All work performed IAW 761-876 MM Rev. PR141215 and above refere 	
THIS AIRCRAFT WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE OF IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORME UNDER THIS FAA APPROVED REPAIR STATION WORK INSPECTOR:	D. PERTIMENT DETAILS ARE ON FILE
EXECUTIVE AIRCRAFT MAINTENANCE FAA APPROVED RE 7920 E. GREENWAY RD. SCOTTSDALE, AZ 8526	EPAIR STATION E27R1730

Date	Aircraft	Time	Recorder	
- Juli	This Date	Total	Reading	Maintenance
		£ exi	EUTIVE AUTORATY MAIN TO AINCE	
N2400A AC Hobbs: 737.4		P	AIRFAME iper PA46-350P	10/9/2015 S/N: 4636493
 Removed 6 Ground ope All work per 	GWX68 radar P/N 011 Prational checks satisf formed IAW 761-876	-00883-00 S/N 8 actory. MM Rev. PR14	33952983 and insta	alled new unit P/N 011-00883-00 S/N 83953603.
THIS AIRCRAFT WAS RETURN TO SERVICE	INSPECTED AND/OR FOR THE WORK PERF INSPECTOR:	REPAIRED IN AC ORMED. RERTIN WOR	CORDANCE WITH CENT DETAILS ARE (K ORDER) 4831030.	CURRENT FAA REGULATIONS AND IS APPROVED FOR ON FILE UNDER THIS FAA APPROVED REPAIR STATION
	EXECUTIVE AIRCE 7920 E.	AFT MAINTENAN GREENWAY RD.	ICE PAA APPROVEI SCOTTSDALE, AZ 8	D REPAIR STATION E27R1730 5260 480-991-0900
Total To Carry Forward				

	9n4 F
Installed new 600X6 8ply tire and tube on the left mathe work performed, Lawson Aero, LLC Afton, WY Mechanicaned Summ A&P/IA 3034108	in. This aircraft is approved for return to service for
Witchingspies of Squares of	-
DATE 06-28-2017 N132LT, PIPER PA-46-350P, S/N 4636 Installed new ELT battery P/N 452-6499, battery due 36	
lock. ADs checked through 2017-12, all okay at this time	. I certify that this aircraft has been inspected in
accordance with a annual inspection and was found to b Lawson Aero, LLC Afton, WY	e in a airworthy condition at this time and date.
	BP/IA 2688371.
0 10	
20.6	, , , , , , , , , , , , , , , , , , , ,
09-01-2017 N132LT, Piper PA-46-350P,	5/N4636493, TT 1024.4
Installed new 6.00x6 tire & tube onle	ft main. Approved for seturn to service.
Heath Lawson A+P Pending	ft main. Approved for return to service.

Registration No._

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Α.	חו	CR	A	ET	$\overline{}$	
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DATE 03-07-2018 N132TL, PIPER PA-46-350P, S/N 4636493, TT 1080.3

Installed right and left side brake master o-rings and brake linings, P/N MS28775-222 o-rings and P/N 66-62 brake linings. This aircraft is approved for return to service for the work performed, Lawson Aero Mechanic Heath Lausen A&P 4034378

09-03-2018

DATE: 07-11-2018 N132LT, PIPER PA-46-350P, S/N 4636493, TT 1100.2, TACH 1100.2.

- Tested ELT per 91.207, function test okay, installed new batteries next due Jan. 2023.
- Complied with SB 1327 inspection of Aileron Cable Protection Tube, passed inspection per SB 1327 instructions.
- Removed, cleaned, inspected and packed wheel bearings
- Serviced hydraulic pack at the aft pressure bulk head.
- AD 11-06-10 TIT temp prob next due at tach time 1330.3.
- ADs checked through 2018-12.

I certify that this aircraft was inspected in accordance with an annual inspection and was found to be in airworthy condition at this time, Lawson Aero, LLC, Afton, WY. Jawson JA&P/IA 3034108

Mechanic:

Iotal To

Carry Forward

Registration No.

DATE 08-24-2018 N132LT, PIPER PA-46-350P, S/N 4636493, TT 1100.2, TACH 100.2

cate No.

Removed original fuel senders and installed new Cies, INC fuel senders per STC # SA02511SE and calibrated fuel system. Approved for return to service for the work performed.

Lawson Aero, LLC Mechanic /



A/C: N132LT

S/N: 4636493

Hobbs: 1107.3

Date: 25 SEP 2018

Replaced both defective RH fuel level transducers with new PN/ CC284022 0212-7P2 SN's P604 and P605. Calibrated both LH and RH fuel levels per PA46-350P MM. Ops checked, no defects noted. All MX performed IAW PA46 MM as applicable.

Charles Crossman A&P IA



A/C: N132LT

S/N: 46-36493

Hobbs: 1113.8

Date: 09 NOV 2018

Performed inspection for pre-purchase purposes per customer instructions.

C/W SB1306 by installing reinforcement brackets.

C/W SB1290B by inspection, no defects noted.

C/W SB1288A by inspection, no defects noted. ✓

C/W SB1283A part II inspection, no defects noted.

C/W SB 1293C by installing new turn limit placards P/N: 88582-701.

C/W SB 1087B by installing new NG down spring P/N: 687-931.

C/W SL 1131 lubrication instructions.

Reinstalled LH rear-facing seat and seat belts which had been previously removed. Serviced brake reservoir with MIL-H-5606 as needed. Adjusted NG steering per MM. Replaced air-oil separator elbow with new P/N: 558-963. Added shim to NG strut P/N: 62833-134. Replaced duct on RH cowling with new P/N:566-101. Added protective material to pressurization duct near RH lower cowling. Found front lower baffling incorrectly installed, removed, and reinstalled correctly. Replaced upper vacuum pump with OH unit P/N: AA441CC-17 S/N: 03KG02. Replaced engine air filter with new P/N: P151936. Ops and leak checked, no defects noted. All MX performed IAW PA46 MM as applicable.

> A+P3576016 James Stewart A&P

Registration No.

CENTRAL TEXAS AVIONICS, Inc.

217 CORSAIR DRIVE GEORGETOWN, TEXAS 78628 LOG BOOK ENTRY

DATE: 1/30/2019 MAKE: PIPER AIRCRAFT INC.

REG. #: N132LT MODEL: PA-46-350P

HOBBS: 1159.5 S/N: 4636493

WORK PERFORMED:

- 1) REMOVED THE GARMIN GTX 33 REMOTE TRANSPONDER P/N 011-00779-10 S/N 89120832.
- 2) INSTALLED A GARMIN GTX 345R REMOTE ADS-B TRANSPONDER P/N 011-03303-00 S/N 3EH022197.
- 3) PERFORMED PIPER AIRCRAFT INC. FAA APPROVED SERVICE LETTER # 1234, DATED JANUARY 16, 2018, TO UPDATE THE GARMIN G1000 GIA SOFTWARE TO VERSION 2963.01 FOR TRANSPONDER COMPATIBILITY WITH ADS-B OUT.

THE GARMIN GTX 345R, S/N 3EH022197, REMOTE ADS-B TRANSPONDER MEETS THE ADS-B OUT EQUIPMENT PERFORMANCE REQUIREMENTS OF 14 CFR 91.227 AND HAS BEEN TESTED AND INSPECTED IN ACCORDANCE WITH FAR 91.413.

THE APPLIANCE IDENTIFIED ABOVE WAS REMOVED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS AND THE MANUFACTURER'S SPECIFICATIONS. THE APPLIANCE IDENTIFIED ABOVE WAS INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH THE GARMIN INTERNATIONAL, INC. FAA APPROVED MODEL LIST FOR STC # SA01714WI. THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. THE WEIGHT AND BALANCE DATA AND EQUIPMENT LIST HAVE BEEN REVISED AS NEEDED TO REFLECT THESE CHANGES. REFERENCE FAA FORM 337 DATED 1/30/2019 AND WORK ORDER # 10678 ON FILE FOR DETAILS OF WORK PERFORMED.

CENTRAL TEXAS AVIONICS FAA REPAIR STATION #: C84R586N

CENTRAL TEXAS AVIONICS, Inc.

217 CORSAIR DRIVE GEORGETOWN, TEXAS 78628 LOG BOOK ENTRY

DATE: 1/30/2019 MAKE: PIPER AIRCRAFT INC.

REG. #: N132LT MODEL: PA-46-350P HOBBS: 1159.5 S/N: 4636493

WORK PERFORMED:

1) INSTALLED A TRUE BLUE POWER (MID-CONTINENT INSTRUMENT CO.) TA202 HIGH POWER USB CHARGING PORT (CERTIFIED TO FAA TSO C71 - AIRBORNE STATIC ("DC TO DC") ELECTRICAL POWER CONVERTER) P/N 6430202-5 S/N H18-11053 IN ACCORDANCE WITH THE TRUE BLUE POWER TA202 SERIES INSTALLATION MANUAL AND OPERATING INSTRUCTIONS (MANUAL NUMBER 9017899, REVISION E, DATED JANUARY 4, 2017).

THE APPLIANCE IDENTIFIED ABOVE WAS INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND THE MANUFACTURER'S SPECIFICATIONS. THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. THE WEIGHT AND BALANCE DATA AND EQUIPMENT LIST HAVE BEEN REVISED AS NEEDED TO REFLECT THIS CHANGE. REFERENCE WORK ORDER # 10680 ON FILE FOR DETAILS OF WORK PERFORMED.

CENTRAL TEXAS AVIONICS

	A THE R. LANSING MICH. COMP. LANSING DEVICE MARKS CONTROL OF THE PARTY OF	 	FAA KEPAIK STATION #: C84K380N
Total To Carry Forward			

	Registration No		
	CENTRAL TEXAS AVIO 217 CORSAIR DE GEORGETOWN, TEX LOG BOOK ENT	RIVE AS 78628\	
	DATE: 2-2-2019 MAKE: PIPER REG. #: N1321 MODEL: PA-46	T 350P	A/C HOURS: 1159.5 S/N: 4636493
-	F.A.R. 91.411 I CERTIFY THAT THE ALTIMETERS AND ALTITUDE REPORTING EQUIPMENT TO BEEN PERFORMED ON 2-2-2019		ЛRED BY FAR 91.411 HAVE
	THE LEFT ALTIMETER/ADC PIN 611 - 66882 - 16 SIN 266 THE RIGHT ALTIMETER/ADC PIN 611 - 66882 - 16 SIN 206 THE LEFT PITOT/STATIC SYSTEM WAS LEAK TESTED ON 2-2-2019. TO 2-2-2019. THE SYSTEM SAUTHER SYSTEM SAUTHER STATES OF THE SYSTEM SAUTHER SYSTEM SAUTHER STATES OF THE SYSTEM SAUTHER SA	WAS TESTED WAS TESTED WAS TESTE WAS TESTE THE RIGHT PITOT/STATIC SYST	TO 30,000 ff. D TO 30,000 ff. TEM WAS LEAK TESTED ON
	2-2-2019. THE SYSTEMS, WERE FOUND IN COMPLIANCE.	20	
	work order#_/0680	TECHNICIAN for CENTRAL TEXAS AVI FAA REPAIR STATION	ONICS INC. V#: 084R586N

D-1-	Aircraf	t Time	Recorder	Maintenance
Date	This Date Total		Reading	Maintenance
		217 GEORGE	TEXAS AVION CORSAIR DRIV TOWN, TEXAS G BOOK ENTR	VE S 78628\
DATE: 2-2-26 MAKE: PipeR	19		N/32 C	
2-2-2019	THE INTERGRATED	SYSTEM TESTS AN	D INSPECTIONS W	BY FAR 91.413 HAVE BEEN PERFORMED ON /ERE PERFORMED ON 2-2-2019.
TRANSPONDER #1 M TRANSPONDER #2 M		MODEL: 67	X-345 K s/ N/A s/	N 3EH022197
WORK ORDER#	10680			TECHNICIAN for CENTRAL TEXAS A MONICS INC. FAA REPAIR STATION ** CSAR586N
WORK ORDER#				
5-09-19	REPLACED	haft Pitot	Heaf Time	R Control Modula AND
Total To Carry Forward	Checked Op	westion igh	1691-419. Do BR 70	S/N 000522

and Remarks		Signature	Certificate No.
5-09-19	REPLICED Rt MIN TIRE, REPACKED L	ThEE / BEAKINGS A	nd
	REPLICED Rt MAIN TIRE, REPACKEDA SERVICED WITH PROPER INTHION,	Oale & Failbre	c A+P1993252
<u> </u>	/		
	*		
2			

MAKE: Piper MODEL: PA46-350P S/N: 4636493 REG. NO: 132LT WORK ORDER: 10933-09-2019



Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515 DATE: 10/25/2019 A/C TSN: 1328.6 HOBBS: 1328.6

Airframe Entries

C/W Annual Inspection...Replaced VRV filter(s)....Lubed engine and airframe controls per MM Chpt.12...Removed and replaced static wick on R/H o/b wing Ref. Piper PA-46-350 MM 23-60-00....Replaced RMG actuator down hose P/N:187-273...Removed Upper attach bolt on R/H MLG actuator, inspected, cleaned and reinstalled bolt. Ref. AMM 32-30-00....Replaced LMG actuator down hose P/N:187-273....Replaced LMG actuator and tube P/N:600x6-8FC and tube P/N:600x6....Tightened air box linkage hardware and checked ringing as required. Penlaced Airbox Value hearings (p/n 89721-035 & 89721-036). Ston drilled crack on RH find hafflightened are required. checked rigging as required....Replaced Airbox valve bearings (p/n 89721-035 & 89721-036)....Stop drilled crack on RH fwd baffling, fabricated a doubler and installed....Shimmed NLG steering rod-end, Ref MM 32-50-00....Installed (2) new spacers on NLG rod end P/N 82695-109 Ref. 32-30-00...Adjusted pilots yoke rollers to AMM specs. Ref PA-46-350P AMM 27-10-00....Removed both Left and Right fuel transmitter panels, and #5th fuel access panel from the wing tip. Inspected Fuel Strainers, determined to find no and kight rue transmitter panels, and #5th rue access panel from the wing up. inspected 1 del stallers, determined to into the obstructions. Ref. AMM 6-00-00, 28-10-00....Replaced fitting O-ring P/N:MS28778-6, for the down side pressure switch on the powerpack....Replaced down hose P/N:566-176, on powerpack....Replaced pilot's seat lumbar bulb. P/N:686-208....Removed and replaced left main gear actuator. P/N: on 106877-002RBL, S/N: on FAH1079, P/N: off 102551-004, S/N FAH1720. Ref. AMM 32-30-00...Checked main gear alignment, ok to continue....Adjusted NLG rake angle and nose gear steering roller clearance, Ref MM 32-20-00....Replaced both MLG brake discs P/N:164-21600 and all linings P/N:066-06200....Installed brake shim on left main gear brake caliper, P/N:068-01100, on LMG....Removed and replaced main aircraft battery P/N:601-919, S/N on:41032644....C/W Piper SB 1204. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time....Complied with Piper SL 1183, elevator plate assembly. No defects noted at this time....Complied with Piper SL 1131, aileron sector bearing lube....C/W FAR91.207(d) by inspecting and functionally testing ELT. No defects noted. Next due:10/2020 Battery expires: 6/2023....Performed AmSafe seat restraint annual inspection and test....Cleaned outflow and safety valve as required....Performed Propeller heater inspection and functional check....R & R Standby Instrument battery with p/n 9015607 s/n out C14-10298, s/n in J19-11820. Next inspection due 10/2020, battery due for replacement: 9/2022. Ops. check good....C/W Lower vacuum pump vane wear inspection, carbon brush wear within servicable limits....Removed and replaced carbon brush assemblies in #1 and #2 attachment, damage, condition, and corrosion. Removed and replaced (9) washers P/N 83599-004.

referencing the full data may be a second to the second to	e, propeller, or appliance identified above has been inspected per current FAA Regulations in accordance with an annual inspection, including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set forth in the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and was forund to be in an including a set for the latest revision of the Piper PA-46-350P Maintenance Manual and Manual and M
risusethy condition. This release in no way certifies furture airworthiness.	n. This release in no way certifies furture airworthiness.

DATE: 10/25/2019

Work Order: 10933-09-2019

Printed by EBis 3 (datcomedia.com)

Airframe Logbook Entry

N132LT

Work Order: 2246

Aircraft: Piper Mirage PA46-350P Engine:TIO-540-AE2A

Aircraft S/N: 4636493 Engine S/N: L-13596-61A



Spectrum Aero, LLC 4004 5th St. Kissimmee, FL 34741 www.SpectrumAero.com

Hobbs: 1386.4

FAA Part 91. 407 100 hr/ Annual inspection was performed IAW FAR 43.15c(2), appendix D using the Piper PA46-350P 100 hour inspection checklist as a guide. Airworthiness Directive compliance current through 2020-23. Complied with FAR 91.207d ELT by inspection and operational check with no defects noted. ELT battery next due June 2023.

Opened aircraft and removed interior for access. Lubricated all flight controls. Verified correct cable tensions and flight control travels. Serviced induction filter. Serviced fuel bowl filter with no defects. Replaced right pitot system module with new. Replaced mid continent standby battery with new. Jacked aircraft. Serviced wheels and bearings. Lubricated landing gear system. Performed gear cycle check and emergency extension with no defects. Removed aircraft from jacks. Serviced hydraulic reservoir. Serviced/bled brake system. Completed hydrostatic check on portable oxygen bottle, next due 12/2023. A.D. 15-13-09 N/A by aircraft S/N. C/W Piper SL 1183 with no current defects. C/W Amsafe restraint inspection and service with no defects. C/W Piper SL 1131 inspection and lubrication with no current defects.

I certify this aircraft has been inspected IAW a 199hr/Annual inspection and determined to be in airworthy condition. All work was performed in accordance with current Federal Aviation Regulations and PA46-350P Maintenance Manual and aircraft is approved for return to service.

Charles Wilson C. Wilson A&P Mechanic 3114515 I.A.

Date released: 12/12/2020

Airframe Logbook Entry

N132LT

WO: 2602

5

Spectrum Aero, LLC 4004 5th St. Kissimmee, FL 34741 www.SpectrumAero.com

Aircraft: Piper PA-46-350P Engine: Cont. TIO-540-AE2A Aircraft S/N: 4636493 Engine S/N: N/A

Tach: 1454.8

Hobbs:

Charged front landing gear. Serviced strut with dry nitrogen.

I certify this aircraft is determined to be in an airworthy condition and is approved for return to service. All work was performed in accordance with current Federal Aviation Regulations, and Piper PA-46-350P maintenance manual.

Charles Wilson

A&P Mechanic 3114515 I.A.

Date released: 12/6/2021

Engine Logbook Entry

N132LT

Work Order: 2602

Aircraft: Piper PA-46-350P Engine: Cont. TIO-540-AE2A Aircraft S/N:4636493 Engine S/N: N/A



Spectrum Aero, LLC 4004 5th St. Kissimmee, FL 34741 www.SpectrumAero.com

Tach: 1454.8

Hobbs: N/A

Removed cowling. Drain oil. Removed filter. Cut open filter and visually inspected for metal, none detected at this time. Installed and secured new oil P/N:AA48103-2 and serviced engine with 11 quarts of Cross Country 20W-50. Reinstalled cowling. Work performed I.A.W Piper PA-46-350P

I certify this engine is determined to be in an airworthy condition and is approved for return to service. All work was performed in accordance with current Federal Aviation Regulations, and Piper PA-46-350P maintenance manual.

Charles Wilson A&P Mechanic 3114515 I.A

Date released: 12/6/2021

N132LT WO: 2629 Spectrum Aero, LLC Airframe Logbook Entry 5 4004 5th St. Aircraft S/N: 4636493

Aircraft: Piper Mirage PA46-350P Engine S/N: L-13596-61A Engine: Cont. TIO-540-AE2A

Kissimmee, FL 34741 www.SpectrumAero.com

Hobbs: 1461.6

FAA Part 91. 407 100 hr/ Annual inspection was performed IAW FAR 43.15c(2), appendix D using the Piper PA46-350P 100 hour inspection checklist as a guide. Airworthiness Directive compliance current through 2022-02. Complied with FAR 91.207d ELT by inspection and operational check with no defects noted. ELT battery next due June 2022.

Opened aircraft and removed interior for access. Lubricated all flight controls. Verified correct cable tensions and flight control travels. Serviced induction filter. Serviced fuel bowl filter with no defects. Jacked aircraft. Serviced wheels and bearings. Lubricated landing gear system. Performed gear cycle check and emergency extension with no defects. Removed aircraft from jacks. Serviced hydraulic reservoir. Serviced/bled brake system. Installed new ALT #2 drive belt P/N: 37A19773-464. Replaced inlet filter with new P/N: P151936. Replaced nose wheel with new tire. Adjusted centering cam within limits. Left speed brake failed. Disconnected speed brakes and placarded inoperative. Resealed I/H caliper with new o-ring. Replaced and installed L/H & R/H brake linings with new. C/W Piper SI. 1183 with no current defects. C/W Amsafe restraint inspection and service with no defects. C/W Piper SL 1131 inspection and lubrication with no current defects.

I certify this aircraft is has been inspected IAW a Annual inspection and determined to be in an airworthy condition and approved for return to service. All work was performed in accordance with current Federal Aviation Regulations, and Piper PA-46-350P maintenance manual.

Charles Wilson C. L.

A&P Mechanic 3114515 I.A.

Date released: 1/26/2022

Carry Forward

N 132 LT
The tests required by FAR 91.411, 91.413, & 91.217 have been NIZGEIN ALTIMETER performed in accordance with FAR 43 appendix E paragraphs Case Leak 18,000' _____ ± 10 Friction ± (a), (b), & (c) and appendix F. Tested to 35K feet -1000 W.O. # RSIID 40% 8000 5 50% 10000 5 After Effect 230' 500 _s/n20609522 Air Data Computer GDC74 A s/n 20609529 28.50 Air Data Compute GDC 745 =1/3 EHO22197 6000 29.92 Transponder GTX 30 80 30.50 e/n20609522 10000 90 12000 (co-pilot) OK 14000 Date 2-16-22 120 FAA CRS # JL5R476X 130 Volusia Aviation, Inc. 386-767-6763 Signe 140 124-00006/418254 155 45000 50000 Tested in compliance with FAA FAR 43 Appendix E
Calibrated to Ft. W.O. # Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X

JADE AIR LLC MARTIN STATE AIRPORT 410-491-4874 LOGBOOK ENTRY: N132LT 4/22/2022 WO# 633 1478.0 HBS

ROUBLESHOT INTERMITTENT AIR DATA FAILURE GDC 74A #1. REMOVED GARMIN #1 GDC 74A PN:011-00882-10 SN:50609522 FROM EHIND PANEL MOUNTED MFD AND INSTALLED OVERHAULED GDC 74A PN:011-00882-10 SN:20623282. UPDATED PA-46-350P DFTWARE FROM720.17 TO 720.18. RELOADED GIA AND GPS SOFTWARE 2164.09 REQUIRED BY PIPER SL 1250A. PERFORMED ADC #1 INCTION AND LEAK CHECKS. ALL WORK DONE I.A.W. GARMIN G1000 LINE MAINTENANCE MANUAL. I CERTIFY THAT ALL

DIFFIGURATION, GROUND FUNCTION CHECKS NORMAL.

GNATURE DEMIL Swey 4/2800019

A/C Serial#: 4636493 **Avionics** Hobbs: 1490.2 A/C Model: PA46-350P Aircraft Log **WO#**: A004172 Loaded Garmin G1000 G500 Piper SW v 0720.17 to fix "Failed Data Path" Message. PIPER PA-46-350P Performed configuration and ground checks of G1000 System without discrepancy. REF: N132LT HOBBS: 1559.3 FEB 14, 2023 Piper SL #1194 REV A. 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. Pertitent details are on file at the repair station office. rings with new MS29513-021 and MS29513-011 per AMM 28-20-00. FAA CRS ECWD470D AD's checked through 2023-04. Run up and ground checks satisfactory. END. Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257 airworthy condition. Carry Forward

A/C Reg#: N132LT

Sun Aviation, Inc.

Date: 6/27/2022



1020 Woodhurst Street Bowling Green, KY 42103 270-781-9797

S/N: 4636493

Serviced and Inspected per Piper PA-46-350P AMM in accordance with FAR part 43 App. D. ELT checked per CFR 1.4 91.207(d), Battery due JUN 2023. Lubed aircraft and controls per lubrication schedule AMM 12-20-00 and Piper SL 1131. Performed landing gear extension and retraction tests per AMM 32-20-00, no defects noted. Replaced inoperative lower pneumatic pump with new P/N: AA442CW-6 S/N: 12L505. Reported intermittent boost pump when selecting LH fuel cell, inspected and cleaned switches at valve, wiring, and associated connectors, function check satisfactory. LH fuel cell sump drain dripping, removed valve and replaced o-

I certify that this <u>aircraft</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in an

D . I	Aircraft '	Time	Recorder	Maintenance
Date	This Date	Total	Reading	Maintenance
CO-MA	AR ATION aber of the Martin Group	Bowli	Woodhurst Street ng Green, KY 4210: 270-781-9797	
N132LT	PIPER PA-46-350P	S/N: 46	636493	
MAY 26, 2023	HOBBS: 1690.5	TTAF:	1690.5	
AD's checked throug	hat this <u>aircraft</u> has been in			Jessie L. Cogar 18 3757683IA
Total To Carry Forward				

	The state of the s
Date: 1/10/2024; Aircraft: 132LT; Type: PA-46-310P; S/N: 4636493; Hobbs: 1764.10; T	otal Time: ificate No.
Discrepancy: 1	Manager State Control of the Control
PERFORM PRELIMINARY INSPECTION.	
CORRECTIVE ACTION:1	
PRELIMINARY INSPECTION COMPLIED WITH AND ANY DISCREPANCIES NOTED ON WORK ORDER WORK SHEET.	ARE LISTED
Discrepancy: 2	
FAR 91.411 ALTIMETER CERTIFICATION IS DUE ON STANDBY ALTIMETER: CORRECTIVE ACTION:2	
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 ON A	_TIMETER
PART NUMBER 5934PAD-3 SERIAL NUMBER 48035T. TESTED TO 35,000 FEET ON 1/10/2024. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING USIN	NG A
LAVERSAB MODEL 6250. SYSTEM OPERATION PERFORMS SATISFACTORY	
Discrepancy: 3	
FAR 91.411 ALTIMETER CERTIFICATION IS DUE ON PILOTS MFD/ADC:	
CORRECTIVE ACTION:3	
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 ON A	LTIMETER
PART NUMBER GDC74A SERIAL NUMBER 20623282. TESTED TO 35,000 FEET ON	THIS DATE
1/10/2024. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING USI	NG A
LAVERSAB MODEL 6250. SYSTEM OPERATION PERFORMS SATISFACTORY	
Discrepancy: 4	
STATIC SYSTEM LEAK CHECK DUE:	
CORRECTIVE ACTION:4	
PERFORMED STATIC SYSTEM PRESSURE TEST. EQUIPMENT USED WAS A LAV	ERSAB
	=

MODEL 6250. SYSTEM OPERATION PERFORMS SATISFACTORY. WORK DONE IN ACCORDANCE WITH FAR PART 43 APPENDIX E AND PA-46-350P MAINTENANCE MANUAL CHAPTER 34. Discrepancy: 5 FAR 91.413 TRANSPONDER CERTIFICATION IS DUE: CORRECTIVE ACTION:5 PERFORMED FAR 91.413 IN ACCORDANCE WITH APPENDIX F TO PART 43 ON GARMIN MODEL GTX345R, SERIAL NUMBER 3EH022197. TEST WAS COMPLETED USING TR-220. SYSTEM OPERATION PERFORMS SATISFACTORY	lenance	ACCORDANCE WITH FAR PART 43 APPENDIX E AND PA-46-350P MAINTENANCE MANUAL CHAPTER 34. USING LAVERSAB MODEL 6250; The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: Dated: Dated: Dated: Pure Part 43 APPENDIX E AND PA-46-350P MAINTENANCE MANUAL CHAPTER 34. USING LAVERSAB MODEL 6250; The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: Tri-State Aero, LLC. CRSAHTR103C 6101 Flightline Drive Evansville, Indiana 47725	icate No.
Discrepancy: 6 FAR 91.411 ALTIMETER CERTIFICATION IS DUE ON COPILOT MFD/ADC: CORRECTIVE ACTION:6			3
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 ON ALTIMETER PART NUMBER GDC74A SERIAL NUMBER 20609529. TESTED TO 35 000 FEET ON THIS DATE			8
1/10/2024. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING USING A LAVERSAB MODEL 6250. SYSTEM OPERATION PERFORMS SATISFACTORY Discrepancy: 7			
LARGE PITOT LEAK ON CO-PILOTS SIDE, AND BEYOND LIMITS STATIC LEAK ON PILOTS SIDE: CORRECTIVE ACTION:7			
FOUND CONNECTION ON COPILOTS PITOT TUBE TO HAVE A MELTED INSERT. REPLACED CONNECTION WITH 4" OF 306-4 TUBING JUST LIKE THE PILOTS SIDE PITOT. FOUND SEVERAL PILOT SIDE STATIC CONNECTIONS TO BE LOOS AT AFT JUNCTION, DRAIN VALVE,	- 1		
ALTERNATE AIR SOURCE SWITCH AND TEH PILOTS AIR DATA COMPUTER. TIGHTENED ALL CONNECTIONS SYSTEM OPERATION PERFORMS SATISFACTORY. WORK DONE IN			3
Total To Carry Forward			

	CORRECTIVE ACTION:10		CORRECTIVE ACTION:15 CHECK TIT FOR REPLACEMENT TIME DUE EVERY 250 HOURS AD 2011-06-10:
===	REMOVED LH SPEEDBRAKE P/N: 010S0059-54 S/N: 986116, RH SPEEDBRAKE P/N: 010S0059-		CORRECTIVE ACTION:15
	33 3/N. 300 F13, AND ASTMMETRIC LOGIC CONTROL P/N: 01050303 1 C/N: ALC 3345 AND 3515		REPLACED TIT PROBE WITH NEW P/N 686-216. NEXT DUE IN 250 HOURS PER AD 2011-06-10. NO DEFECTS NOTED.
	I WANDLACTORER FOR CALIBRATION AND OVERHALL OVERHALLED BY DREGIOE ELICITE	nce	NO DEFECTS NOTED. NO DEFECTS NOTED.
222	INC. W/O. 1309/4 CERT. NO. 6PCR620B. LH SPEEDBRAKE LIPDATED TO D/N. 04000050 74 AND		Discrepancy: 16
	INTOFECODRARE UPDATED TO P/N. 010S0059-73 INSTALLED MEM ALC DIAL 04000000 4 0 m.		O2 CANISTERS ARE DUE REPLACEMENT EVERY 10 YEARS.
	VEONATION WIND BOTH SPEEDBRAKES FUNCTION CHECK GOOD NO DEFECTS NOTED AT		CORRECTIVE ACTION:16
-	THIS TIME. WORK DONE IAW PIPER PA-46-350P MAINTENANCE MANUAL CHAPTER 27.		REPLACED THE PILOT AND CO. PILOT AND
	Discrepancy: 11		REPLACED THE PILOT AND CO-PILOT CANISTER WITH NEW P/N 801386-22 S/N A23081156 DUE TO DATE OF MFG. INSTALLED MISSING CANISTERS FOR THE AFT 4 PASSENGER POSITIONS WITH P/N 801386-22 S/N'S A23080954 & A23081000 MISTERS
	PORTABLE FIRE EXTINGUISHER DUE REPLACEMENT:		POSITIONS WITH P/N 801206 22 OATIO TENS FOR THE AFT 4 PASSENGED
-	CORRECTIVE ACTION:11		ACCOMPLISHED IN ACCORDANGE MUSIC ACCOUNTS ALLATION WAS
	REPLACED FIRE EXTINGUISHER WITH NEW. P/N A344 S/SN I-14567113.		ACCOMPLISHED IN ACCORDANCE WITH PIPER PA-46-350P M/M SECTION 35-20-00. NEXT
	Discrepancy: 12		REPLACEMENT DUE IN 10 YEARS FROM MANUFACTURE DATE OF 08/2023. NEXT Discrepancy: 17
-	PIPER AD 2021-08-15 GARMIN GMN 00962:		FLIGHT MANUAL DUE REV 15 JAN. 4 2021:
	CORRECTIVE ACTION:12		CORRECTIVE ACTION:17
	DOES NOT APPLY PIPER AD 2021-08-15 GARMIN GMN 00962		INSERTED ELIGHT MANUAL VEDOLOGICA
-	Discrepancy: 13		INSERTED FLIGHT MANUAL VERSION VB-2121 REV. 15, DATED 1/4/21 Discrepancy: 18
	CHECK FLIGHT CONTROL RIGGING:		NI G RH WHEEL PEADING DAGE
	CORRECTIVE ACTION:13		NLG RH WHEEL BEARING RACE SHOWS SIGNS OF DAMAGE CORRECTIVE ACTION:18.
	CHECKED ELICIT CONTROL PROGRAMME		PEDIACED ONE OFFICE
	CHECKED FLIGHT CONTROL RIGGING IAW PIPER MALIBU MIRAGE MAINTENANCE MANUAL		REPLACED ONE SET OF BEARING AND RACE WITH NEW, P/N'S 08125-206 & 08231-206. GREASED WITH MOBILE AND INSTALLED AS PER PA 46 3500 May 100 200 8.
-	CHAPTER 27. FUNCTION CHECK GOOD, NO DEFECTS NOTED AT THIS TIME		GREASED WITH MOBILE AND INSTALLED AS PER PA-46-350P M/M. NO DEFECTS NOTED.
	Discrepancy: 14		DISCIPEDATE 19
	CHECK FLIGHT CONTROL CABLE TENSION:		RIVETS PULLED THROUGH SKIN ON RH AND LH INBOARD LOWER WING INBOARD OF
-	CORRECTIVE ACTION:14		WHEEL WELLS:
	CHECKED CABLE TENSION IAW PIPER MALIBU MIRAGE MAINTENANCE MANUAL CHAPTER		CORRECTIVE ACTION:19
	27. NO DEFECTS NOTED AT THIS TIME.		DRILLED OUT ALL AFFECTED RIVETS AND DRILLED HOLE TO #20 HOLE. INSTALLED P/N:AN525-832R7 SCREWS AND P/N: MS20364 832C AU TO MALE DE LA COMMISSION DEL COMMISSION DE LA COMMISSION DE LA COMMISSION DE LA COMMISSION
-	Discrepancy: 15		P/N:AN525-832R7 SCREWS AND P/N: MS20364-832C NUTS IN HOLES. INSTALLED P/N: CR3242
			NOTE IN HOLES. INSTALLED P/N: CR3242
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-			formation and the second secon
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-4-3, P/N: MS3213-5-2, AND P/N: MS3213-5-3 CHERRYMAX RIVETS INTO BLIND HOLES. NO ince DEFECTS NOTED AT THIS TIME. WORK DONE IAW PIPER PA-46-350P MAINTENANCE MANUAL CHAPTER 53. Discrepancy: 20 LH LANDING LIGHT DOES NOT PULSE: **CORRECTIVE ACTION:20** TROUBLESHOT LIGHT ASSEMBLY BY SWAPPING LEFT AND RIGHT ASSEMBLY POSITIONS. BOTH UNITS WORKED AS DESIGNED UPON INSTALLATION. SWAPPED UNITS BACK TO ORIGINAL POSITION AND AGAIN THEY WORKED AS DESIGNED. Discrepancy: 21 ELT REMOTE SWITCH DOES NOT ACTIVATE OR ILLUMINATE: **CORRECTIVE ACTION:21** TROUBLESHOT ELT REMOTE SWITCH AND WIRING. DETERMINED SWITCH IS FUNCTIONING AS DESIGNED. DETERMINED LIGHT IS CONNECTED TO AIRCRAFT BUSS DIRECTLY AND CAN ONLY ILLUMINATE IF THE BATTERY IS INSTALLED AND MASTER SWITCH ON. ORIGINAL OPS CHECK WAS PERFORMED WITHOUT BATTERY INSTALLED AND WAS ON EXTERNAL POWER. Discrepancy: 22 RH GREEN NAV LIGHT INOP. **CORRECTIVE ACTION:22** REPLACED RH GREEN NAV LIGHT IAW Maintenance Manual - PA-46-350P Mirage/M350, 46R-350T Matrix | 761-876. OP CHECKED LIGHT. NO DEFECTS NOTED Discrepancy: 23 LT TAIL NAV INOP: **CORRECTIVE ACTION:23** INSTALLED LH TAIL NAV LIGHT IAW Maintenance Manual - PA-46-350P Mirage/M350, 46R-350T Matrix | 761-876. OP CHECKED LIGHT. NO DEFECTS NOTED Discrepancy: 24

Total To Carry Forward AIRCRAFT LOG

REPLACE FUEL CAP O RINGS:		cate No.
CORRECTIVE ACTION:24		
INSPECTED AIRCRAFT FUEL CAP ORINGS FOUND TO BE SERVICEABLE AT THIS TIME		
Discrepancy: 25		
RH OUT BOARD WING STALL STRIP NEEDS REGLUED ON OUTBOARD EDGE:		
CORRECTIVE ACTION:25		200
REGLUED RH OB WING STALL STRIP IAW Maintenance Manual - PA-46-350P Mirage/M350,		
Discrepancy: 26		
LOOSE BOLT ON LH FLAP CENTER CENTER ARM IN MECHANISM BAY AREA:		
CORRECTIVE ACTION:26		
TIGHTENED LH FLAP CENTER CENTER ARM BOLT IAW Maintenance Manual - PA-46-350P		
Mirage/M350, 46R-350T Matrix 761-876.		
Discrepancy: 27		
SMOKING RIVETS IN WING SKIN AFT OF LH WHEEL WELL:		
CORRECTIVE ACTION:27		
TIGHTENED RIVETS WITH RIVET GUN AND SET IAW AC 43.13-1B CHAPTER 4 SEC 4		
Discrepancy: 28		
LH BRAKE CALIPER IS SEEPING:		
CORRECTIVE ACTION:28		
REMOVED LH CALIPER. DISASSEMBLED, INSPECTED AND REASSEMBLED WITH NEW O-		
RINGS P/N MS28775-222. REINSTALLED CALIPER ON AIRCRAFT IAW MIRAGE MAINTENANG	CE	
MANUAL 32-40. FUNCTIONAL AND PRESSURE CHECK GOOD NO DEFECTS NOTED.		
Discrepancy: 29		
NG TAXI LIGHT BULB LENS CRACKED:		
CORRECTIVE ACTION:29	2	
REPLACED BULB WITH NEW P/N 01-0771833-20 S/N 180841. OPS CHECK GOOD THIS DATE	Ē.	
Discrepancy: 30		

Registration No._

PILOT AND COPILOT SHOULDER HARNESS INFLATION ACTUATORS DUE TIME NEW 04/2015	Acceptance
NEXT DUE 05/2025:	
CORRECTIVE ACTION:30	
PILOT AND COPILOT SHOULDER HARNESS INFLATION ACTUATORS DUE TIME NEW 04/2015	
NEXT DUE 05/2025	
Discrepancy: 31	
TIT PROB DUE 250HR REPLACEMENT AS PER AD 2011-06-10:	
CORRECTIVE ACTION:31	
REPLACED TIT PROBE WITH NEW P/N 686-216. NEXT DUE IN 250 HOURS PER AD 2011-06-10.	
NO DEFECTS NOTED.	
Discrepancy: 32	
GARMIN G1000 500/1000 HOUR INSPECTION DUE:	
CORRECTIVE ACTION:32	
C/W GARMIN G1000 (500/1000 HOUR INSPECTION) IAW PA-46-350P M/M CHAPTER 22-10-00.	
Discrepancy: 33	
INSPECT CABIN PRESSURIZATION SYSTEM AS PER 21-30-00:	
CORRECTIVE ACTION:33	
INSPECTED CABIN PRESSURIZATION SYSTEM AS PER 21-30-00 NO DEFECTS NOTED	
Discrepancy: 34	
RETURN SPEED BRAKE CARTIDGES TO PRECISE FLIGHT FOR CLUTCH LUBRICATION AND SPRING REPLACEMENT:	
CORRECTIVE ACTION:34	
REMOVED LT AND RT ACTUATORS AND CONTROL MODULE AND SENT TO MANUFACTURER FOR CALIBRATION AND REPAIR.SEE ITEM 10 FOR INSTALLATION OF REPAIRED SPEED	
BRAKES.	
Discrepancy: 35	
FORWARD RH RIVNUT FOR THRESHOLD PLATE FREE SPINNING:	
TALL THE SPINNING.	
Total 10 (20000000000000000000000000000000000	
Carry Forward	

	-	-
CORRECTIVE ACTION:35	No	
TIGHTENED RIVNUT		
Discrepancy: 36		
CABIN DOOR SEAL HAS A HOLE IN IT:		
CORRECTIVE ACTION:36		
APPLIED SILICONE TO OPENING		
Discrepancy: 37		
AFT CABIN DOOR SUPPORT CABLE IS FRAYED:		_
CORRECTIVE ACTION:37		
REPLACED AFT CABIN DOOR SUPPORT CABLE WITH A NEW CUSTOM CABLE PRODUCED BY		
MCFARLANE AVIATION UNDER JOB ORDER 80874 DATED 01/18/24.	-	-
Discrepancy: 38		
LEFT MAIN ACTUATOR IS SEEPING:		
CORRECTIVE ACTION:38		
REMOVED LEFT MAIN ACTUATOR P/N 102551-004 S/N FAH1079 AND INSTALLED REPAIRED		
UNIT P/N 102551-004 S/N FAH1616 FROM COX AIRPARTS WICHITA, KS, WORK ORDER 68		
CERTIFICATE 7CXR376B, PERFORMED FLUSHING AND BLEEDING OF COMPONENT AND		
HYDRAULIC SYSTEM IAW MIRAGE MAINTENANCE MANUAL 32-30-00, NO DEFECTS NOTED.		
Discrepancy: 39	-	_
CO-PILOT WINDSHIELD NEEDS SECTIONS OF SEALANT REAPPLIED:		
CORRECTIVE ACTION:39		
MASKED OFF AFFECTED AREAS AND APPLIED CS3204B2 SEALANT.		
Discrepancy: 40		
ONE LIGHTENING DIVERTER IS MISSING ON TAIL FAIRING:	-	
CORRECTIVE ACTION:40		
INSTALLED DIVERTER STRIP USING REPLACEMENT KIT P/N 88559-003. INSTALLED STRIP		
FOLLOWING INSTRUCTIONS PROVIDED.	-	-
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Registration No._

=			-	Mointen nce
	Discrepancy: 41			
_	C/W SB 1103F ENGINE MOUNT INSPECTION:			
	CORRECTIVE ACTION:41			
	C/W VISUAL INSPECTION. NO CRACKS NOTED.			
_	Discrepancy: 42			
	C/W SB1256 NOSE LANDING GEAR TORQUE LIN	K HARDWAR	REPLACEMENT:	
	CORRECTIVE ACTION:42			
-	INSPECTION REVEALED SB HAS BEEN PCW WIT	TH LISTED HA	RDWARE	
	INSTALLED.NO FUTHER ACTION REQUIRED			
-	Discrepancy: 43		TOWNS DI ACADDO	
	C/W SB 1293C ENGINE MOUNT DOUBLER INSTA	LLATION AND	TOWING PLACARDS	
	REPLACEMENT:			
-	CORRECTIVE ACTION:43		TION DECLUDED	
	INSPECTION REVEALED SB HAS BEEN PCW. NO	FUTHER AC	HON REQUIRED.	
-	Discrepancy: 44	OTION TURE	INODEOTION.	
	C/W SB 1327 AILERON CONTROL CABLE PROTE	CHON TUBE	INSPECTION:	
	CORRECTIVE ACTION:44	OTION TUDE	FOLIND TO BE INCTALLED	<u> </u>
-	C/W SB 1327 AILERON CONTROL CABLE PROTE	CTION TUBE	FOUND TO BE INSTALLED	
	PROPERLY NO FURTHER ACTION REQUIRED.			
	Discrepancy: 45	TTIMO INCDE	CTION	
-	C/W SB 1338 MAIN GEAR ACTUATOR ATTACH FI	ITTING INSPE	CTION.	
	CORRECTIVE ACTION:45	DD 4000 MANINI	CEAR ACTUATOR ATTACH	
_	REMOVED LH AND RH ACTAUATORS AND C/W S	DEEECTS	NOTED AT THIS TIME	
	FITTING INSPECTION BY VISUAL INSPECTION. N REINSTALLED ACTUATORS IAW PIPER PA-46-35	OD MAINTEN	ANCE MANUAL CHAPTER 32	
		DOP WAIN I EIN	ANGE MANGAL OF AFTER 32.	
-	Discrepancy: 46 C/W SB 1390 NOSE LANDING GEAR EMERGENC	V DOWN SPE	ING INSPECTION:	
	C/W 3B 1390 NOSE LANDING GEAR EMERGENC	I DOVVIN OF I	and not corror.	
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-	G11 7 1 G1 17 G1			

CORRECTIVE ACTION:46 INSPECTION REVEALED PROPER DIAMETER SPRING INSTALLED	
Discrepancy: 47	
C/W SB 1411 AUTOPILOT RIGGING INSPECTION: CORRECTIVE ACTION:47	ficate No.
INSPECTION REVEALED THIS SB IS NA AS PER STEPS 1.B. & 2. Discrepancy: 48	
C/W SB 2000A CURRENT LIMITER INSPECTION: CORRECTIVE ACTION:48	
INSPECTION REVEALED THIS SB IS NA TO THIS AIRCRAFT DUE TO S/N Discrepancy: 49	
PITCH TRIM SERVO BEYOND TORQUE LIMITS (TOO HIGH) CAN NOT OVER CORRECTIVE ACTION: 49 POWER PITCH	
TRIM WHEEL IAW PA-46-350P MAINTENANCE MANUAL 22-10-00 REMOVED TRIM CABLE SLEEVE FOR ACCESS TO CABLE TURNBUCKLES. LOOSENED	
TURNBUCKLES. REMOVED PITCH TRIM SERVO P/N: 011-01436-08 S/N: 123005126 AND SENT FOR REPAIR. SERVO CAPSTAN REPAIRED BY MUNCIE AVIATION COMPANY W/O: A-24-5057 CERT NO: AJVR135C. REINSTALLED SERVO AND TIGHTENED TURNBUCKLES AND SECURED	
DEFECTS NOTED AT THIS TIME. WORK DONE IAW PIPER PA-46-350P MAINTENANCE MANUAL	
Discrepancy: 50	
LEFT MAIN GEAR ACTUATOR HOSE CHANFING AGAINST DOOR BRACKET: CORRECTIVE ACTION:50	
ADJUSTED ELBOW BUT HOSE IS ALREADY DAMAGED P/N 00624-350-4-0100. REMOVED DAMAGED HOSE P/N 00624-350-4-0100.FROM LH MAIN GEAR ACTUATOR.	
INSTALLED NEW HOSE P/N SAME FROM AERO AVIATION HOSE SHOP WITH CERT OF	

	CONFORMANCE REF INVOICE HSI580-1, PERFORMED FUNCTION CHECK AND LEAK CHECK, NO DEFECTS NOTED.			
=	Discrepancy: 51		Date: 2/28/2024; Aircraft: N132LT; Type: PA46-350P; S/N: 4636493; Hobbs: 1764.10; Total Time:	
	NOSE STRUT NEEDS SERVICING:	nce	1764.10; Engine - Type: TIO-540-AE2A, S/N: L-13596-61A, Time: 1764.10, SMOH: 1764.10; Prop -	rificate No.
	CORRECTIVE ACTION:51.	1	Type: HC-I3Y1R-1N, S/N: NY9B, Time: 435.50, SMOH: 435.50	ifficate No.
==	SERVICED NOSE STRUT IAW PIPER PA-46-350P MANITENANCE MANUAL		Shop Order #: SH-23-0472, Closed: 2/28/2024	
	Discrepancy: 52		Discrepancy: 53	
	AIRCRAFT AIRCOND. SYSTEM NEEDS SERVICED:		AIRCRAFT FLIGHT CHECK REQUIRED AFTER ANNUAL INSPECTION.	
	CORRECTIVE ACTION:52		CORRECTIVE ACTION:53	And the second s
	REMOVED OLD COMPRESSOR AND INSTALLED NEW PN 557-802, REMOVED OIL RECEIVER		THE AIRCRAFT WAS INSPECTED FOLLOWING REPAIRS AND FOUND TO BE SAFE FOR	
_	DRYER AND INSTALLED NEW PN 601-218.		FLIGHT CHECK	27
	ALL WORK DONE IAW PIPER PA46-350P MM CHAPTER 21-50-00.		TEIGHT OFFECK	-
	Discrepancy: 53		The gircraft girframe gircraft engine propeller or any linear identity delication	
-	AIRCRAFT FLIGHT CHECK REQUIRED AFTER ANNUAL INSPECTION.		The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and	
	CORRECTIVE ACTION:53		inspected in accordance with the current regulations of the Federal Aviation Administration and was	
	THE AIRCRAFT WAS INSPECTED FOLLOWING REPAIRS AND FOUND TO BE SAFE FOR		found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.	
_	FLIGHT CHECK SEE LOG ENTRY		repair station	
	Discrepancy: 54		Signed: Milliant Suyu Dated: 2-28-24	
-	AIRCRAFT FLIGHT CHECK REQUIRED AFTER ANNUAL INSPECTION.			
	CORRECTIVE ACTION:54		Tri-State Aero, LLC CRSAHTR1020 6101 Flightline Drive Evansville, Indiana 47725 812-426	
	AIRCRAFT FLIGHT CHECK WAS FOUND TO BE SATISFACTORY AT THIS TIME, AIRCRAFT IS			
	GOOD FOR RETURN TO SERVICE. SEE LOG ENTRY			
	Discrepancy: 55			
	#4 CABIN SEAT SHOULDER HARNESS:		Date: 2/28/2024; Aircraft: N132LT; Type: PA46-350P; S/N: 4636493; Hobbs: 1764.10; Total Time:	
-	CORRECTIVE ACTION:55		1704.10	
	INSTALLED PREVIOUSLY REMOVED #4 SEAT BASE, SEAT BOTTOM, SEAT BACK, SEAT BELT		Shop Order #: SH-23-0472, Closed: 2/28/2024	
_	AND SHOULDER HARNESS. updated weight and balance.		Discrepancy: 54	
	AND STICOLDEN TIANNESS. updated weight and balance.		AIRCRAFT FLIGHT CHECK REQUIRED AFTER ANNUAL INSPECTION.	
			CORRECTIVE ACTION:54	
_			AIRCRAFT FLIGHT CHECK WAS FOUND TO BE SATISFACTORY AT THIS TIME, AIRCRAFT IS	
	The circust district district engine propeller or applicant identified show we		GOOD FOR RETURN TO SERVICE.	
	The aircraft, airframe aircraft engine, propeller or appliance identified above was in accordance with current regulations of the Federal Aviation			
_	Administration and inspection. I certify that this aircraft was found		The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and	
	airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair		inspected in accordance with the current regulations of the Federal Aviation Administration and the contraction and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations of the Federal Aviation Administration and the current regulations are considered as the current regulation and the current regulations are considered as the current regulation and the current re	
_ 101	station.		found airworthy and is approved for return to service. Pertinent details of the repair are on file. Signed: Dated: 2-29-20	
	SIGNED: Mulas Augu DATE: 8.28-24		Signed: \) (14M) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	Tri-State Aero, LLC CRS AHTR/102C 6101 Flightline Drive Evansville, Indiana 47725		Aimen Certificate 7/16/16/16/16/19/19/19/19	
	The date vicio, and a vicio vi		Tri-State Aero, LLC 6101 Flightline Drive Evansville, Indiana 47725	
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		7		Annual Control of the

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1020 Woodhurst Street Bowling Green, KY 42103 270-781-9797

N132LT

LYCOMING TIO-540-AE2A S/N: L-13596-61A

JUN 14, 2024 HOBBS: 1871.1 Serviced and Inspected per in accordance with PA-46-350P AMM per the scope and detail of FAR part 43 App. D. Compressions checked hot at 1-78, 2-77, 3-76, 4-74, 5-79, 6-76/80. Magneto timing checked at 20 Deg. BTDC both. Cleaned, gapped, and rotated spark plugs. Drained oil and inspected suction screen and filter element per Lycoming SB 480F, no defects noted.. Serviced with 12 Qts. AeroShell 100W plus and AA48103 filter.

C/W AD 2015-19-07, Effective 11/3/2015, Fuel injector lines, by inspection per Lycoming MSB 342G, no defects noted,

C/W LYCOMING SB650, Intake piper flange, by inspection per par 1 A-C, no defects noted, next due HOBBS: 1921.1 AD's checked through 2024-11, Run up and ground checks satisfactory. END.

I certify that this **ENGINE** has been inspected in accordance with a **100 HR** inspection and was determined to be in

an airworthy condition.

Total To Carry Forward		

Registration	No.
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and Remarks	Signature	Certificate No
		-

RECEIVED



SEP 2 6 200R

U.S. Department of Transportation

Federal Aviation Administration

SEP 2 2 2006

Ms. Linda Dicken FAA/DOA Coordinator Piper Aircraft, Inc 2926 Piper Drive Vero Beach, Florida 32960

Dear Ms. Dicken:

This letter is in response to Mr. Weldon Wainright's letter dated September 18, 2006 requesting an alternate means of compliance to Airworthiness Directive (AD) 99-15-04 R1 for Piper Model PA-46-350P airplanes. The request indicated that Piper Aircraft has developed a replacement probe, P/N 686-216, for the P/N 481-389 and 481-392 probes specified in the AD.

Small Airplane Directorate

One Crown Center

Atlanta, GA 30349

Atlanta Aircraft Certification Office

1895 Phoenix Boulevard, Suite 450

Operators of affected PA-46-350P aircraft are authorized to install the Piper P/N 686-216 Probe in lieu of the Piper P/N 481-389 or 481-392 specified in the AD as an alternate means of compliance for PA-46-350P. This substitution does not relieve any other requirements of the AD.

When complying with AD 99-15-04 R1 using this alternate means of compliance, a copy of this letter shall be inserted into the maintenance records of the airplane.

Sincerely,

Melvin D. Taylor

Manager, Atlanta Aircraft

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Certification Office