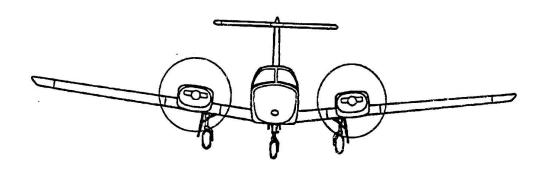
AIRFRAME



MAINTENANCE RECORDS

EMBRY-RIDDLE
Aeronautical University



AIRFRAME MAINTENANCE RECORDS

	AIRCRAFT REGISTRATION NO	D. 110216
IRCRAFT MFG/	Piper MODEL PAZ	8R-201 serial no. 2844148
	PELLER MFG. Mc Cauley	
ENG	GINE MFG	_MODEL
PRO	PELLER MFG	MODEL

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

AIRCA
Registration No. NIIOER ARROW
Registration No. 19 1100 ARROW Popular Name: ARROW
Model: PA-28R-201 Popular Value: 2A13 Type Certificate No.: 2A13 Type Certificate No.: 2A13 Type Certificate No.: 2A13
Serial No.: 2844148 PGISS CARTER GOLD PEARL Colors: SNOW WHITE FIGHTER BLUE / CARTER GOLD PEARL COM ING Serial Numbers: Single L-3628.7-51E
Colors: SNOW WHITE Y TO NG Engine Manufacturer: 170-360-C1C6 Left Left Left Left Left Left Left Left
Engine Manufacturer: 1707-C1C6 Left
Engine Manufacturer: 1750-C1C6 Left Original Engine Model: TO-360-C1C6 Right Mac C Q 111 E Y Hub or Serial Number: Single
Qualet Number Sings
Hub or Serial Full Left Left
Propeller Manual B2D34C213 B
Propeller Manufacturer: MCCHILLEY Original Propeller Model: B2D34C213-B Right
Blade Numbers
Blade Numbers Right 2014 MODEL

DESCRIPTION OF WORK PERFORMED.

ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR TACH OR COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES HOBBS DATE Signature and Certificate No. Date of Compliance Time on Method of Compliance (See Log for Details) Aircraft A. D. No. and Date 8. All applicable Federal Avis PHILLIP L CHAPMAN DMIR-832849-CE
PIPER ARCRAFT, NC. CALIBRATION CARD ALTIMETER NE

Standard	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	S/N: 502597 Alt Reading (Ft) @ Room Temp
Alt (Ft)	a Room remp	14,000	-60
-1,000	15	16,000	-45
500	-5	18,000	-45
1,000	+10	20,000	-30
1,500	+20	22,000	
2,000	190	25,000	
3,000	+25	30,000	
4,000	4.50	35,000	
6,000	-5	40,000	
8,000	-20	45,000	
10,000	-40	50,000	
12,000	-55		spected By:

FORM QA-A5 (B)

UNITED INSTRUMENTS, INC.

AIRFRAME MAINTENANCE LUG

		Aircra	ft Time	Recorder		Maintenanc
•	Date	This Date	Total	Reading		
_	MAY 1 3 2014	Brought Forward	8.1	the cortification	e aircraft meets the requirements for on requested and have issued a worthiness Certificate.	
		1			1	
				FAR 91.411	and Static System Te	The
				altimeter(s)	have been tested:	
				On (Pri)	4/3/14 (Sec) 13	2/2/13
ΓE		4			55,000 n 20	0,000 R
16000				The FIT Is	Installed per FAR 91.20	7. Battery
				Replaceme	nt date: _APK_aQa	4
_				Dated:	MAY 1 3 20	114
_				P	Millip L. Chapm	non
				PHILLIP I	CHAPMAN DMIR-832	849-CE
				PERCE	Piper Aircraft, Inc.	
					Vero Beach, Florida	9
_	Total To		0.		+	
. -	Carry Forward	Pagistrat	8.1 	110ER		
- - - 		Registrat	8. [ion NoN	110ER	Signature	Certificate No.
- - - -		Registrat	8. [ion NoN	IIOER	Signature	Certificate No.
- - - -	Carry Forward		ione required b	v FAR 91.413 w		Certificate No.
- - - - - -	Carry Forward		ione required b	v FAR 91.413 w		Certificate No.
- - - - - π	Carry Forward	Tests and Inspect	tions required b	y FAR 91.413 w	rere	Certificate No.
— p	and Remarks and Remarks he ATC Transponder erformed this date and		tions required b	v FAR 91.413 w	rere	Certificate No.
— p	and Remarks he ATC Transponder erformed this date and	Tests and Inspect found to comply Model	tions required b with FAR 43.	y FAR 91.413 w Appendix F.	rere	Certificate No.
- p	and Remarks the ATC Transponder erformed this date and Make	Tests and Inspect I found to comply Model G	tions required b with FAR 43. /	y FAR 91.413 w Appendix F. 1 8 4 1 4 7	rere	Certificate No.
- p	and Remarks the ATC Transponder erformed this date and Make TARM Make Details of this inspection	Tests and Inspect Tound to comply Model (1) Model (2) Model (3)	tions required by with FAR 43. /	y FAR 91.413 w Appendix F.	147	Certificate No.
— pr — 1 — 2 — - 2	and Remarks the ATC Transponder erformed this date and Make TARM Make NA Details of this inspection	Nodel Model	tions required by With FAR 43. // X 3.30 S/N N A S/N this facility under	y FAR 91.413 w Appendix F. I 8 4 1 4 7 I NA Ir. ate 4/3	147 0/14	Certificate No.
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- pi	and Remarks the ATC Transponder erformed this date and the arc and the arc and the arc and the arc	Model G. Mod	tions required by with FAR 43. // X 3.30 S/N N A S/N his facility under this date:	y FAR 91.413 w Appendix F. I S I I I I I I I I I I I I I I I I I	147 0/14	Certificate No.
- pi	and Remarks the ATC Transponder erformed this date and the arc and the arc and the arc and the arc	Model G. Mod	itions required by with FAR 43. // IX 330 S/N NA S/N his facility under this facility under this date: J. Chapma. N DMIR-832849- Aircraft, inc.	y FAR 91.413 w Appendix F. I S I I I I I I I I I I I I I I I I I	147 0/14	Certificate No.

AIRFRAME MAINTENANCE LOG

	TACH OR	DESCRIPTION OF WORK PERFORMED.
DATE	HOBBS	ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR
DALL	TIME:	SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK
		MILIOED EMBRY-RIDDLE
		INTIOER AERONAUTICAL UNIVERSITY
	ł	Tach Time: 3.6
		this aircraft. The basis for approval for this installation is found in the supplied Supplemental Type Certificate
-078		1) Installed GPS antenna G35 on top of fuselage pn 013-00235-00 S/n: 103911 weigning 40 ios at station
		#164 2) Installed UAT antenna on top of fuselage pn C1105-11 S/n: 11084weighing 25 lbs at station #162
		2) Installed UA1 antenna on top of instralege in C1105-11 S/n: 11226weighing, 25 lbs at station #169. 4) Installed UA7 antenna on bottom of fuselage pin C1105-11 S/n: 11226weighing, 25 lbs at station #169. 4) Installed barness from station 55 00 to 210.00 through left side of aircraft, weighed 5.13 lbs at an average
		station 64.5. 5) Installed two 3 amp circuit breaker (MX200, and GDL90) at circuit breaker panel in line with avionic bus.
		6) Installed MX200 multi-function display, P/N: 011-01271-00 S/n: 38301397, at station 63.0, weigning 5.0
		pounds. 7) Installed GDL 90 Universal Access Transceiver, P/N: 430-6081-100-000, S/n: 2910073, at aircraft station
		174.0, weighing 6.5 pounds. 8) Performed Post-Installation checkout and configuration IAW, GDL 90 Installation Manual Part Number
		9) Performed voltage load analysis I.A.W. AC 43.13-1A chapter 11 section 3.
		10) Undated weight and balance
		11) Updated POH section 9. 12) Updated the equipment list.
		14) Performed radios and system interference operational check, no detects noted.
		The following Data was used for a basis for this installation: 1) STCSA01692SE (MX200 MFD) Garmin Document Part # 005-C0315-00 Rev. A) Dated July 25,2006
		2) Flight Manual Supplement and installed pilot reference manual for GMX 200 FM 190-00007-2Rev C4).
		5) Garmin MX200 Multi-Function Display Installation Manual Part Number: 190-00604-04, Revision F,
		October 2008. 6) STC SA02217AK (GDL 90 UAT) dated 8 June 2004, with FAA Approved Model List (AML), dated 8
		June 2004
		8) GDL 90 Instructions for Continued Airworthiness Part Number 360-0279-01Rev. C, dated 195eptember
*		2007.
		10) GDL 90 UAT STC Master Data List Sensor p/n 560-0278-01, revision: D, September 2007.
		GPWS installation. Installed an Aircraft Components "Landing Gear Warning System" P/N 2037 s/n
		SOS79P4FR2, per STC Number SA01644AT. The following reference material was used for this installation:
		1) Installation Manual Supplement: "Specification M-5, Rev. 2"
		2) Installation Manual: "Specification M-1, Rev. F" 3) Airplane Flight Manual Supplement: "Airplane Flight Manual Supplement" FAA APPROVED, SEPT. 12,
		2003 4) Instructions For Continued Airworthiness: "ICA-2037 Rev. 0" Date 07-14-03
		1 5) Approved Model List: "Specification 2037-AML REV. 1" Dated September 12, 2012
		The Weight & Balance, and the Equipment list was updated. 1) Installation Manual Supplement: "Specification M-5, Rev. 2"
		2) Late Better Menual "Cannifortion M.I. Day E"
	-	2) installation Manual. Specification M-1, Rev. 1 3) Airplane Flight Manual Supplement: "Airplane Flight Manual Supplement" FAA APPROVED, SEPT. 12, 1 2003.
	1	4) Instructions For Continued Airworthiness: "ICA-2037 Rev. 0" Date 07-14-03
		The aircraft, airrame, aircraft engine of appliants detailed and its approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order.
		WO # RMS201402568 Date: 05/30/2014 Jacques DitPhilippe ERAU 25
Desire.		Signed ACUMM MILL Repair Station N3XR816N. N3XR816N 8434
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		PARTS TAGS
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AIRFRAME MAINTENANCE LOG

	1		
NEW AND SERV	ICEABLE	DATE	TACH OR HOBBS TIME: This airce Cycle: AG TT: WOf Signat
PARTS TA	402		
	ERFORMED.		l certify that the
	TATION NUMBER OR		and was found Time in Serv
# FURDY-DIDDLE	PERSON PERFORMING WORK		
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	100.00	1	Complied wa
AEHONAUTICAL DINVETION		11 1	landing gear
N110ER		7	Performed re Scoop Insta
Total Time 19.2			
Tach Time 19.2			The aircraft regulations
I Inspected all landing gear light indicators and found gear light socket assemblies not adjusted			repair/inspe
far enough into instrument panel causing a weak contribute. Be educted and aligned all Landing gear		7	1
washers broken on LMG and NG light socket assembles broken on NG light and			Signed /
light indicators onto instrument panel and installed new real angiment washing to further defects noted, LMG light. Secured socket assemblies and lights onto instrument panel. No further defects noted,			1
all landing gear lights ops checked good			
2 Inspected LMG and found down limit switch wring broken off of terminal. Removed and replaced			This a
2 Inspected LMG and found down limit switch wiring broken of Placed aircraft on jacks, inspected ring terminal and crimped onto wire and secured gear wiring. Placed aircraft on jacks, inspected ring terminal and crimped onto wire and secured gear wiring. Placed aircraft on jacks, inspected ring terminal and crimped onto wire and secured gear wiring.		→	Cy-
	0-00	181	AC
			
section 2. All gear checks opsicheck good no further defects indica. Verified all gear general objects no further defects noted gear retraction and extension test opsicheck good aircraft ok for checks no further defects noted gear retraction and extension test opsicheck good aircraft ok for	return to		110 Sig
service		_	110
The arcraft, suframe, sixraft engine or appliance identified above was inspected and repaired in accordance regulations of the Federal Avastion Administration and is accepted for return to service. Perturent details of the repairty on file at the Repark Istonia under this work order. Wo P. RMX_2014.02315. Date 6000141	with current		
Mary Nickanan EDA	1145	11 1	A 10
Signed NAME Dickerson Repair Station N3XR816N Korey Dickerson ERA	1619	-	E. W.
The state of the s			-
		_	AIRFI
			N110E
ACTOTAL TIME 43.9			Time in
EMBRY-RIDDLE ACTOTAL TIME 45.9 ENG TOTAL TIME 45.9 ENG TS MOH NA			Compli
			Inspected
AIRFRAME-PA28R TACH TIME 43.9 PROP T S M O H NA			linings &
N110ER PROP TOTAL TIME 43.9			for opera
Time in Service 43.9			The airc
Complied with EMBRY-RIDDLE'S, 50 HOUR INSPECTION CHECK LIST,			current:
Inspected and serviced as needed hydraulic fluid, battery, and tires Inspected interior & exterior lighting	, brake	41.1	of the re Date: 8
linings & calipers Inspected interior & exterior for general condition Cleaned & lubed yoke shafts Institute of the operation The operation Cleaned & lubed yoke shafts Institute of the operation The	sp ELT		Date 8
		11 1	Signed
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordan	nce with		
current regulations of the Federal Aviation Administration and is approved for return to service. Perturent of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2014-02956	details	11 1	T .
to the could be seen as the state of the at the repair station under this work order WO # RMS 2014-02956			

DESCRIPTION OF WORK PERFORMED ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK Cycle: 1407 Which Expires: 07/24/14 WO#: 2014 03192 Dated 6/25/14 Signature LE Sundulanic FAA Repair Station: N3XR816N EMBRY-RIDDLE A/C TOTAL TIME ENG TOTAL TIME 90.9
ENG TS M O H NA
TACH TIME 90.9
PROP TS M O H NA
PROP TOTAL TIME 90.9 AERONAUTICAL UNIVERSITY that this AIRCRAFT-PA28R (N110ER) has spected in accordance with an ANNUAL inspection a found to be in an airworthy condition. Service 90.9 ied with ANNUAL Inspection sed vacuum relief filter. Serviced hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & ng gear Insp ELT & battery (04-21) & FAR 91.207 Date (05-15) Complied with S. B. 636 (Ignition switch) med retraction test and emergency gear extension Tightened axle nut at the RMG wheel assembly Installed Kool Installed new fire extinguisher Relamped landing light aireraft, airframe, aireraft engine or appliance identified above was inspected and repaired in accordance with current, lations of the Federal Avsation Administration and is approved for return to service. Pertinent details of the rinspectypar got of file at the Repair Station under this work order. W.O. # <u>RMS 2014-0346</u>. Date <u>7100/14</u> ERAU 30 Repair Station N3XR816N N3XR816N 9130 This aircraft has been updated with NavData Cycle: 1408 Which Expires: 08/21/14
AC TT: 104.5 Tach Time: 104.5
W0#: 2014 03685 Dated 7/23/14 Signature FE Lunde In C FAA Repair Station: N3XR816N EMBRY-RIDDLE AERONAUTICAL UNIVERSITY A/C TOTAL TIME ENG TOTAL TIME ENG TS MOH NA 132.7 TACH TIME RFRAME-PA28R PROPTSMOH 110ER PROP TOTAL TIME 132.7 ne in Service : 132.7 implied with EMBRY-RIDDLE'S, 50 HOUR INSPECTION CHECK LIST. spected and serviced as needed hydraulic fluid, battery, and tires Inspected interior & exterior lighting, brake ings & calipers Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp ELT ne aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with arrent regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2014-03994 ate 8/11/14 Repair Station N3XR816N N3XR816N **PARTS TAGS**

ERAU 30

Raiph Wixon

N3XR816N

Repair Station N3XR816N

Date 6/11/14

TACH OR HOBBS DATE TIME:

DESCRIPTION OF WORK PERFORMED ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

I certify that this <u>AIRCRAFT-PA28R (N110ER)</u> has been inspected in accordance with an <u>ANNLAL</u> Inspectio and was found to be in an airworthy condition. Time in Service : 184.3

ENG TOTAL TIME 184.3 ENGTS MOH TACH TIME PROP T.S M.O.H. PROP TOTAL TIME: 1843

Complied with ANNUAL Inspection. Replaced vacuum relief filter. Serviced. hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear. Insp. ELT & battery (04-2021) & FAR 91.207 Date (05-2015). Complied with S. B. 636 (Ignition switch). Replaced LT&RT brake pads, NG up stop bumper, alternator light switch, cabin heat shroud intake hose, and LT&RT tires w/ shop buildup assemblies. Tightened NG actuator hoses. Cleaned, insp, and repacked NG wheel bearings. Adjusted rudder, stabilator, and aileron cable tension. Adjusted LT&RT up stops. Performed retraction test and emergency gear extension.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order WO # RMS 2014 04771 Date: 23 SEPT 2014

Steve Johnson

N3XR816N

A/C TOTAL TIME

N/A 184.3

N/A

EMBRY-RIDDLE N110ER

AERONAUTICAL UNIVERSITY

Total Time: 191.2

Removed and replaced NG assembly (p/n 67100-010) with new assembly from Piper Aircraft. Work accomplished in accordance

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2014 04913 Date: 02 OCT 2014 Signed Lece EAρυ-λ1, Repair Station N3XR816N

> This aircraft has been updated with NavData Cycle: 1411 Which Expires: 11/13/14 ACTT: 216 1 Tach Time: 216 1 WO# 2014 05245 Dated 10/15/14 Signature J. Cound Sand

FAA Repair Station: N3XR816N

NEW AND SEDVICEA



Shop Date <u>9/25/19</u> Insp

180 14

NEW AND SERVICEABLE PARTS TAGS

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR TACH OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK HOBBS

This aircraft has been updated with NavData Cycle: 1409 Which Expires: 09/18/14

AC TT: 3 8 Tach Time: 3 8

W0\$: 2014 04150 Dated 8/21/14

Signature JESunda Courd FAA Repair Station: N3XR816N

AERONAUTICAL UNIVERSITY

N110ER

Total Time 163.5 Tach Time 163 5

TIME :

Replaced nose gear onfice tube (21712-002) with new part supplied by Piper Aircraft. Work accomplished in accordance with PA28R Maintenance Manual Section 32-30-00, para 2

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2014 04519 Date: 10 SEPT 2014 Signed 24 CC FIRAV- 22 Repair Station N3XR816N

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY N110ER

Total Time: 181,4

Fabricated wire harness from cannon plug in LT and RT wheel wells and continued routing and terminated at original downlock switches Placed protective heat shrink sleeve over cannon plug. Checked rigging of switches and adjusted as necessary per PA28R Service Manual Section 32-60-00. Work performed IAW AC 43.13-1B chapter 11, and FAA AC25-16. Performed retraction test and emergency gear extension check. Adjusted up and down limit switches as necessary. No defects noted at this time

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2014 04719 Date: 19 SEPT 2014

Signed 26 C FANU-AL Repair Station N3XR816N.

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inspected and serviced as needed: nyuratune muo, pattery, and ures. Inspected interior & exterior ingining, orace limings & calipers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT for operation. Replaced RT brake pads. Cleaned corrosion from battery terminals.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with the aircraft, aircraft engine or appliance tuentined above was inspected and repaired in accounted current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2014 06511

Repair Station N3XR816N.

ERAU 9 Steve Johnson

PARTS TAGS

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		TUTTO
N	比	ACT OF TAIL TIME: ACT OF TAIL T
	TACH	for operation. The strend, artrane, artenite engine or appliance identified above was insylicated in the strend of the strend o
DATE	HOBBS TIME:	the repair imspection are that the transfer in the repair inspection are the repair inspection a
		Signed
		A ME THE PROPERTY OF THE PROPE
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
	- N1	10ER
	ACTT	: 238.6
	Placed	238.6 238.6
	wheel	nal Determined that landing was not a many for buckling, cracks, or and overstress Inspected upper, and for
	retract	on lests and emergency extension lest Checked realized
	appro	on lests and emorganity and efforted most overvice of for return to service Perturent details of the repair / inspection to so of the Federal Aviation Administration and is approved for return to service Perturent details of the repair / inspection to so of the Federal Aviation Administration and is approved for return to service Perturent details of the repair / inspection to so of the repair / inspection to service Perturent details of th
	The ar	reading arrange, auction and ministration and its approved for return to STATE
	Signed	Certified Repair Station N3XR816N N3XR816N 1578
	J.g.ick	
		is aircraft has been updated with NavData
	<u> </u>	s aircraft nas been updated with NavUsta Cycle: 1412 Which Expires: 1271/114 CTT: <u>276 O Tach Time</u> : <u>274 O</u> W08: 2014 05912
	110	FAA Repair Sutfon: N3XR816N
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N	E	EW	AND SERVICEA	BLE
DATE	TA	N110 Total Time: Tach Time: Installed SI SI.2-96 Rev	ER 346.4 164.5 165.7 166.7 167.7 168.7	BER OR
	TI	Signed Signed	spiroraft has been updated with NavData Sycle: 1501 Texh Time: 3(2) Texh Time: 3(2) Texh Time: 3(2)	
	- [110	CTT: 500041 Dated 01/07/15 WOR: 2015 00041 Dated 01/07/15 Signatura L. Survay Laure FAA Repair Station: N3XR816N EMBRY-RIDDLE ERONAUTICAL UNIVERSITY A/C TOTAL TIME 571.5 ENG TOTAL TIME 571.5 ENG TS MOH NA TACHTIME TAC	
	-	I certify that this A been inspected in and was found to b Time in Service Complied with Replaced vacuur	IRCRALL FASR (MIDER) has PROP TS MOH NA PROP TOTAL TIME 371.5 et an arrorthy corolibon	
	-	The aircraft, air regulations of th repair/inspectu	frame, auraft organe or appliance identified above was inspected and repaired in accordance with current frame, auraft organe or appliance identified above was inspected and repaired in accordance with current frame, auraft organization and is approved for return to service. Perfunent details of the federal Avaiton Administration and is approved for return to service. Perfunent details of the age of file at the Repair Station under this work order. WO # RMS 2015-00141. Date 1/16/15. Ralph Wixon Repair Station N3XR816N Repair Station N3XR816N N3XR816N 9130	
	_	-	N110ER EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	
			Tach. Time: 393.3 Removed Ground proximity system, pin 2037-3 controller s/n S0579P4FR2 and transducer S/N. T0652 Removed control PTT switch and bias power wires. Capped wire interface to nose gear light and audio out wire Corrected weight and balance to reflect the changes. No other systems affected	
			The Weight & Bulance, and the Equipment list was updated. The aircraft, airframe, aircraft engine or apphance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repay-Balaho under this work order. RMS WO # 2015/00390 Date \$\frac{94282018}{2015} = \frac{1}{2015} = \frac{1}{20	
	+		Signed August Market Market Nation Nation 8434	

		MED.
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY AIRFRAME-PA28R N110ER Time in Service 413.4	AC TOTAL TIME 413.4 ENG TOTAL TIME 413.4 ENG T S M O H NA TACH TIME 413.4 PROP T S M O H NA PROP TOTAL TIME 413.4	IATION NUMBER OR IN PERFORMING WORK
Complied with EMBRY-RIDDLE'S, 50 HOUR INSPECT Inspected and serviced as needed hydraulic fluid, battery, and tires Ins linings & calipres Inspected interior & exterior for general condition for operation Removed both left and right main gear wheel / tire assenbilits The aircraft, airframe, aircraft engine or appliance identified above was current regulations of the Federal Aviation Administration and is approx of the repair/inspection are on file at the Repair Station under this work. Date 22515	spected interior & exterior lighting, brake Cleaned & lubed yoke shafts Insp. ELT nibles and replaced with serviceable shop inspected and repaired in accordance with yed for return to service. Pertinent details	
Signed KWIZ Repair Station N3XR816	Raion Wixon ERAU 30 N3XR816N 9130	
AC TT: 413.4 Tach Time: 13.94 WO#: 2015 00581 Dated 02/05/15 Signature: Status de Acue FAA Repair Station: N3XR816N		
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY N110ER Total Time: 422.3 Tach Time: 422.3 Complied with Piper SB1274. Replaced LT & RT control wheel tut accordance with PA28R Service Manual Section 27-10-00. The aircraft, airframe, aircraft engine or appliance identified above was insy of the Federal Aviation Administration and is accepted for return to service the Repair Station under this work order: WO # RMS 2015 00693 Date 1 Signed: L. C. ROUNDLE Repair Station N3XR816N.	pected and repaired in accordance with currence. Pertinent details of the repair/inspection 2 FEB 2015	nt regulations
This aircraft has been updated with NavData Cycle: 1503 Which Expires: 04/02/15 AC TT: 4/4/-5 Tach Tigne: 4/-1/-3 WO#: 2015 01083 Oated 03/04/15 Signature:		
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NEW AND SERVICEABLE PARTS TAGS

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This aircraft has been updated with NavData Cycle: 1504 Which Expires: 04/30/15 AC TT: 5-1.2 Stack Jimes: 52.7 S WOS: 2015 O1595 / Dated 04/02/15 Signature: Count of the stack of the	INFRAME-PA28R 110ER me in Service 508.2 Omplied with EMBRY-RIDDLES, 50 10 R INSPECTION COmpleted and serviced an needed hydraulic fluid, battery, and tires inspected nings, & calipres inspected interior & exterior for general condition. Cleaner or operation	IG TSMO H NA CHITIME 508.2 OP TSMO H NA OP TOTAL TIME 508.2 IECK LIST. network & exterior lighting, brake d & hubed yoke shafts Insp ELT	
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Repair Station N3XR816N Repair Station N3XR816N REAU 30 N3XR816N Signature: Signa		10 # KHS 2013-01-7-7	
Repair Station N3XR816N N3XR816N 9130 This aircraft has been updated with NavData Cycle: 1504 Which Expires: 04/30/15 AC TT: 52/15 Tach Time: 527.5 WOR: 2015 01995 Dated 04/02/15 Signature: 5000 August 15000 Augu	ate 3/25/15	alph Wixon ERAU 30	
This aircraft has been updated with NavData Cycle: 1504 Which Expires: 0430/15 AC TT: 5213 Tach Time: \$27.3 WOR: 2015 01895 Oated 0402/15 Signature:	1/1/1		
This aircraft has been updated with NavData Cycle: 1504 Which Expires: 04/30/15 AC TT: 52:13 Tach Time: 52:25 WOR: 2015 01995 / Dated 04/02/15 Signatura:		N3XR816N 9130	
Cycle: 1504 Which Expires: 04/30/15 AC TT: 5213 Tach Ilme: 5215 WOR: 2015 01698 / Dated 04/02/15 Signatura: 4 Jun 4/am 2	_		
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Cycle: 1504 Which Expires: 04/30/15 AC TT: 5413 Tach Ilme: 5213 WOI: 2015 01985 / Dated 04/02/15 Signature:	This aircraft has been updated with NavData		
W0s: 2015 01695 (beted 04/02/15) Signature: Folian dan d	Cycle: 1504 Which Expires: 04/30/15 —		
Signatura Land	AC TT: 5475 Tach Time: 527 5		
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Signature: Supplied African (1997) 110 FAA Repair Station: N3XR815N	- 12/ 10 0		
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AIRPRAME MAINTENANCE LOG

ATE	HOBBS	ALL DATA MUST BE ENDORGED	WORK PERFORMED.					
		ALL DATA MUST BE ENDORSED WITH DEDAID STATIONARD						
	TIME:	MBER OF PERSON PERFORMING WORK						
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		EMBRY-BIDDI =						
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	A/C TOTAL TIME: 561.6 ENG TOTAL TIME: 561.6					
		Certify that this AIRCRAFT, PARED (NESSER)	ENG T.S.M.O.H. N/A					
-		been inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition.	TACH TIME: 561.6 PROP T.S.M.O.H.: N/A					
		Time in Service: 561.6	PROP TOTAL TIME: 561.6					
		Complied with: ANNUAL Inspection.						
		Replaced vacuum relief filter. Serviced hyd. fluid, battery & tires. Performe gear. Insp. ELT & battery (04-2021) & FAR 91.207 Date (04-2016). Comp.	d CO test. Cleaned & lubed yoke shafts & landing					
	1 13	retraction test and emergency goas auto	iled with S. B. 636 (Ignifion switch) Performed					
	i	noted. C/W GMX200 ICA inspection, no faults noted. Removed and replaced brake pads. C/W FAR91 207 (next due 04-2016), GMX200 ICA insp, and Gl	I nav light switch bulb, RT brake pads, and LT					
		, and di	DC90 ICA Insp.					
		The aircraft, airframe, aircraft engine or appliance identified above was inspec regulations of the Federal Aviation Administration and is approved for return are on file at the Repair Station under this work order: WO # RMS 2015 0102	cted and repaired in accordance with current					
		re on file at the Repair Station under this work order. WO # RMS 2015 0193	66 Date: 10 APR 2015					
		Signed Repair Station N3XR816N	Steve Johnson ERAU 9					
	L		N3XR816N 7691					
			7091					
		# FURDY DIDDLE	A/C TOTAL TIME: 607,9					
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	ENG TOTAL TIME: 607.9					
		-77	ENG T.S.M.O.H.: N/A TACH TIME: 607.9					
		AIRFRAME-PA28R N110ER	PROP T.S.M.O.H.: N/A PROP TOTAL TIME: 607.9					
		Time in Service : 607.9	PROPIOTAL TIME: 007.9					
		Complied with EMBRY-RIDDLES, 50 HOUR INSPECTI						
-		Inspected and serviced as needed: hydraulic fluid, battery, and tires. Insp linings & calipers. Inspected interior & exterior for general condition.	ected: interior & exterior lighting, brake					
		for operation.	Created & tubed yoke statis. Insp. Et 1					
		The aircraft, airframe, aircraft engine or appliance identified above was in	nspected and repaired in accordance with					
		current regulations of the Federal Aviation Administration and is approve the repair/inspection are on file at the Repair Station under this work order	ed for return to service. Pertinent details of					
		Date: 27 APR 2015	Steve Johnson ERAU 9					
		Signed: Stave John Repair Station N3XR816	N .					
		Repail Station (1957/Ke) of	N3XR816N 7691					
	Thi	s aircraft has been updated with NavData Cycle: 1505 Which Expires: 05/28/15						
	A	CTT: 6/0.0 Tach Time: 6/0.0						
	_	WO#: 2015 02266 Dated 04/28/15						
	110	FAA Repair Station: N3XR816N						
		TOO INSPAN STANDON: NOAKRIGH						

NEW AND SERVICEABLE PARTS TAGS

ERTIFICATE APPROVAL TAG G6XR582Y

10 Serial Number

20618377

3 Form Tracking Number RMA 75852044

5 Work Order/Contract/Invoice Number RMA 75852044

11 Status/Work REPAIRED

	22
	TACH OR
ATE	HOBBS
MIL	TIME:

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

N110ER

Tach Time: 610.0

Removed GDC 74 A p/n 011-00882-10 s/n 20617251, installed p/n 011-00882-00 s/n 20618377. Total time: 610.0

Overhauled unit under w/o 75852044 Garmin G500 installation manual Rev: L sect 5-7. Operational check

Performed operational check using Aero flex IFR 6000 transponder tester, s/n 104005257 Cal date May 27, 2015, and JC AIR80B-3 S/N 060, CAL date May 15, 2015. In compliance with FAR 91.411 (a) and in accordance with the requirements outlined in FAR 43 Appendix E (a), the static system has been inspected

In compliance with far 91.411 and, 91.413, and in accordance with FAR 43 appendix E (a), (c) and F (e-j). I and is approved for return to service. certify that the Transponder and installation Make: Garmin, Model: G330 s/n 84147147. Meet all the

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance

with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: Jacques DitPhilippe ERAU 25

WO # FMC0201502270

Repair Station N3XR816N.

8434

NATOER

Placed aircraft on jacks. Inspected landing gear shock struts, determined rings left by wiper scals that strut compression was not abnormal. Determined that landing was not a hard landing Inspected struts for signs of overstress, deformation, loose or damages trunnion mounts. Inspected wheel wells and LG attach points for buckling, eracks, overstress, wing skin buckling, actualet, side brace for damage and condition. Inspected wing attach bolt areas for slippage, damage, and oversitiess Inspected upper, and lower wing skins for wrinkles, cracks, popped or missing rivets. Inspected engine mount for distortion and damage. Inspected prop for evidence of ground strike inspected fuselage, and empennage for door alignment, buckling, loose or missing tivets Performed retraction lests and emergency extension lest. Checked rigging of gear indication switches Removed and replaced N.G. ure with new shop built 5.00-5 wheel assembly. Ops check good no further defects noted at this time aircraft approved for return to service. All work accomplished LAW Piper PA2SR maintenance manual chapter 5-50 page 2 and 3, paragraph 3

the aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulation the aircrait amirane, aircrait eighte or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Avaition Administration and a accepted for return to service. Perturent details of the repair/inspection are on file at the Repair Sation under this work order. WO a RVIS 2015 02499. Date 95/11/15.

MOON DIMOUS Repair Station N3XR816N

Korey Dickerson ERAU 45 N3XR816N

AIRFRAME MAINTENANCE LOG

TACH OR HOBBS TIME:

DATE

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK



been inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition Time in Service: 660.0

Complied with: ANNUAL Inspection.

Replaced vacuum relief filter. Serviced: hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear. Insp. ELT & battery (4-21) & FAR 91.207 Date (4-16). Complied with S. B. 636 (Ignition switch). Replaced vent blower brushes, engine alternate air door lever, NG up stop bumper, LT wing aileron outbd pully & bushings, disposable CO detector, co-pilots floor cable cover, heater intake hose, and LT&RT tires w/ shop build-up assemblies. Adjusted ruddr and stab cable tensions and safetied. Re-torqued rudder & stab hinges hardware. Secured alternator belt tension. Performed retraction

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2015-02624 Date: 19 MAY 2015

Repair Station N3XR816N

Steve Johnson ERAU 9

MAXPRISM.

A/C TOTAL TIME:

ENG T.S.M.O.H.

PROP T.S.M.O.H.

TACH TIME

ENG TOTAL TIME : 660.0

PROP TOTAL TIME: 660.0

N/A

N/A

7691

This aircraft has been updated with NavData Cycle: 1506 Which Expires: 06/25/15 AC TT: 686.5 Tach Time: 686.3 WO#: 2015 02828 Pated 05/28/15 Signature LE Sundulania FAA Repair Station: N3XR816N

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

AIRFRAME-PA28R

N110ER

Time in Service : 705.5

Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST.

Inspected and serviced as needed hydraulic fluid, battery, and tires Inspected interior & exterior lighting, brake linings & calipers Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp ELT for operation. Completed A/I standby battery ICA inspection. Replaced LMG and RMG brake pads

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2015-02919

Repair Station N3XR816N

Ralph Wixon

A/C TOTAL TIME

ENG TOTAL TIME

ENGTSMOH

PROPTSMOH

PROP TOTAL TIME 705.5

TACH TIME

705.5

705.5

NEW AND SERVICEABLE **PARTS TAGS**

NEW AND SERVICEABLE PARTS TAGS

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DATE	TACH HOBB TIME	Certify that this AMERIAL TO A TO
		gear in the stand emergency gear extension. retraction test and emergency gear extension. retraction test and emergency gear extension.
		gear. Insp. ELT & battery (1942). gear. Insp. ELT & battery (1942). The accordance with current engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection general regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection general regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection general regulations of the Repair Station with current general regulations. Date 96/321/S. Signed Administration and the Station N3XR816N. Repair Station N3XR816N. Repair Station N3XR816N. 7445
		This aircraft has been updated with NavData Cycle; [507] Which Expires: 97/23/15 AGT: 167_8 Teach Tige: 71-78 WOM: 2015 03325 Stated 00/24/15 Signature: 6 Sunda Sand
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
To To		R 22 Wer engine cowling to gain access to the engine compartment. Found the electric fuel Wer engine cowling to gain access to the engine compartment. Removed the old futings regional, Removed the old fuel pump BN B8120-G SN 174291, Removed the plan plan plan plan plan plan plan plan
	the aircraft, a	then note the new fuel pump with new Owner, when the process of the new fuel pump, by other, book on the second of the new fuel pump, by other, by other pump, by other, by other pump, by
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AIRTRAME MAINTENANCE LOG

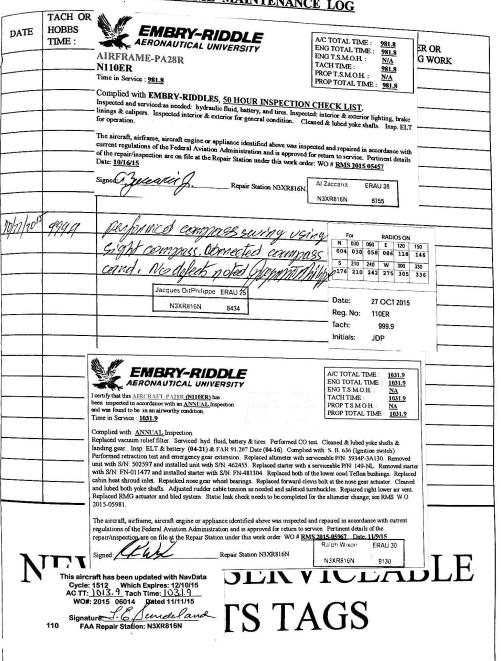
DATE	TACH OR HOBBS	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CEPTURATE AND CEPTURA					
	TIME: SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK						
	11	This aircraft has been updated with NavData Cycle: 1598 Which Expires: 08/20/15 AC TT: 0:30 Tach Time: 03:3.0 WOR: 2016 03970 Dated 07/23/15 Signature: 00 FAA Repair Station: #33/R816N					
		/					
		ACTOTALTIME: 852.5					
		The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Fequal Station under this work order: WO # RMS 2015 04120 Date: 08/02/15 Signed Limited The Repair Station N3XR816N. Repair Station N3XR816N.					
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY A/C TOTAL TIME: 891.5 ENG TOTAL TIME: 891.5 ENG TOTAL TIME: 891.5					
		AERONAUTICAL UNIVERSITY AIRFRAME-PA28R NI 10 ER NI 10 ER PROP TOTAL TIME: 891.5 PROP TOTAL TIME: 891.5					
		Complied with EMBRY-RIDDLES, <u>50 HOUR INSPECTION CHECK LIST</u> . Inspected and serviced as needed, hydraulic fluid, battery, and tires Inspected interior & exterior lighting, brake linness & entirely & serviced.					
		The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2015-04334 Ralph Wixon ERAU 30					
		Signed: Repair Station N3XR816N N3XR815N 9130					
N	Cyc AC W	Incraft has been updated with NavData Ide: 1509 Which Expires: 09/17/15 IT: 591/5 Tach Time: 5871 5 OR: 2015 04357 Pated 08/19/15 Inature E Junia Cars FAA Repair Station: N3XR816N ERVICEABLE					

PARTS TAGS

NEW AND SERVICEABLE PARTS TAGS

		DESCRI	PTION OF WORK PER	FORMED.	
	TACH C				K
DATE	HOBBS	ALL DATA MUST BE EN SIGNATURE AND CERTIFI	CATE NUMBER OF P	ERSON PERFORMING W	ORK.
DATE	TIME:	SIGNATURE AND CERTIF	CATENONDE		
	THVIL'S.				
		**		1	
		EMBRY-RIDDLE			
		AERONAUTICAL UNIVERSITY		Į.	
		- AEHUNAUTICAL UNIVERSITY		1	
		N110ER		1	
35-				1	
		Total Time: 928.5 Tach Time: 928.5			
	· _		1 -titor belt and reinstalled	propeller in accordance with PA28R	1
		Removed propeller, desludged prop and crankshaft, rep MM Section 61-10-00. Removed the back plate on RT	fuel can and installed a new vent plu	ng P/N: 492-153. Re-installed the fuel	
_ a		cap back onto the fuel tank. Removed vent piece from RT	fuel tank.	000	
3.15		2 20 20 20 20 20 20 20 20 20 20 20 20 20		in accordance with current regulations	
0/15/1	z -	The aircraft, airframe, aircraft engine or appliance identification of the Federal Aviation Administration and is accepted for the Federal Aviation Administration and the Federal Aviation Administration and is accepted for the Federal Aviation Administration and the Federal Aviation Administration Administration and the Federal Aviation Administration Administr		ls of the repair/inspection are on file at	
£ 7.0 €	9	the Repair Station under this work order WO # RMS 201	5 04744 Date: 11 SEPT 2015	300	
dated with NavDa Expires: 10/15/15 Time: 937 / Reted 9/16/15	Sking den	- 1910	ation N3XR816N. ROBER	T WARENSFORD	
4 8 5	24	Signed Repair St	CR	S N3XR816N	
_ 5 5 5 S	1) E -	_			
This aircraft has been updated with NavData Oycle: 1510 Which Express: 10H5/15	1				
- x - 1	ar _				
his aircraft has Cycle: 1510 ACTI 4 3 7 MORE 28 151	FAA Repair	M //	_ 1		7)
두 등 시청	\$ E -	EMBRY-RIDDLE	Ŧ	A/C TOTAL TIME: 938.8 ENG TOTAL TIME: 938.8	
를 하시됩	100	AERONAUTICAL UNIVERSITY	•	ENG TOTAL TIME: 938.8 ENG T.S.M.O.H.: N/A	1
	<u>.</u>	- make		TACH TIME: 938.8	
£ 4	1	certify that this AIRCRAFT-PA28R (N110ER) has been inspected in accordance with an ANNUAL Inspection		PROP T.S.M.O.H.: N/A	
1		and was found to be in an airworthy condition.		PROP TOTAL TIME: 938.8	
	. T	Time in Service : 938.8			-1
		Complied with: ANNUAL Inspection.			
		Replaced vacuum relief filter. Serviced: hyd. fluid, batter	v & tires Performed CO test C	leaned & lubed voke shafts &	
		anding gear. Insp. ELT & battery (04-2021) & FAR 91	.207 Date (04-2016) Complied	with S R 636 (Imition enitch)	
		W SB1156 (NG drag link) by replacing bolt. C/W AD	84-26-02 by replacing induction	air filter Deplaced control use filte	r.
		T&RT brake pads, NG up-stop bumper, and rudder stati	e wick. Cleaned, insp, and repa	cked nose wheel bearings. Perform	ed
		etraction test and emergency gear extension.			
		The aircraft, airframe, aircraft engine or appliance identif	ied above was inspected and an		
		ckulations of the rederal Aviation Administration and is	approved for return to comica	Destinated to the con-	
		epair/inspection are on file at the Repair Station under the	is work order: WO # RMS 201	5 04878 Date: 18 SEPT 2015	
		0.2			
		Signed Julius Repair Sta	tion N3XR816N. Al Zaccaria	ERAU 38	
			N3XR816N	8755	1
		-			1
		This aircraft has been updated with NavData			
		Cycle: 1511 Which Expires: 11/12/15 AC TT: 974.8 Tach Time: 974.8			
		WO#: 2015 05408 Dated 10/15/15			
	(LE . 1 .			102
	11	Signature: 6 Semdaland			
		0 FAA Repair Station: N3XR816N			

AIRFRAME MAINTENANCE LOG



NEW AND SERVICEABLE PARTS TAGS

TACH OR HOBBS DATE TIME :

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

N110ER

Tach. Time: 1031.9

Performed pitot static and altitude correlation after standby altimeter replacement. Reference work

Operational check using Aeroflex IFR 6000 transponder tester, s/n 104005257 Cal date May 26, 2016,

Performed operational check and altitude correlation IAW FAR 43 Apdx: E (a)(c). No defects noted.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order:

RMS WO # 201505981 Date: 11/10/2015

Man May Ange Repair Station N3XR816N.

Jacques DitPhilippe ERAU 25



A/C TOTAL TIME 1071.4 FNG TOTAL TIME 1071.4 ENGTSMOH NA TACH TIME 1071.4 PROPTSMOH PROP TOTAL TIME

Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST.

Inspected and serviced as needed hydraulic fluid, battery, and tires. Inspected interior & exterior lighting, brake linings & calipers Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts Insp ELT

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order WO # RMS 2015-06408

N110ER

Time in Service 1071.4

Raigh Wixon ERAU 30 Repair Station N3XR816N **N3XR816N** 9130

This aircraft has been updated with NavData Cycle: 1513 Which Expires: 01/07/16
AC TT: 1081 1 Tach Time: 1081 1 WO#: 2015 06448 Dated 12/09/15

Signature: 16 Sundans FAA Repair Station: N3XR816N

AIRFRAME MAINTENANCE LOG

TACH OR HOBBS DATE TIME:

DESCRIPTION OF WORK PERFORMED ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK



Tach Time: 1097.7

Fabricated wire harnesses from cannon plugs in the left and right wheel wells and continued routing and terminated at original down-lock switches Placed protective heat shrink sleeve over cannon plug Checked rigging of all switches and adjusted as necessary per PAZOR Service Manual Section 32-60-00 Work performed TAW AC 43 13-1B chapter 11, and FAA AC25-16

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations The antitude of the Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2015-06617 Date: 12-22-2015

Repair Station N3XR816N.

This aircraft has been updated with NavData Cycle: 1601 Which Expires: 02/04/16
AC TT: 108 / Tach Time: 108 / WO#: 2016 00026 Dated 01/06/16

Signature: F6 Suna Pand FAA Repair Station: N3XR816N



certify that this AIRCRAFT PAZER (NIIOER) has been inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition Time in Service: 1123.8

A/C TOTAL TIME ENG TOTAL TIME 1123.8 ENGTSMOH NA TACH TIME 1123.8 PROPTSMOH NA PROP TOTAL TIME 1123.8

Complied with ANNUAL Inspection Replaced vacuum relief filter. Serviced hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear Insp ELT & battery (04-21) & FAR 91.207 Date (04-16) Complied with S. B. 636 (Ignition switch) Performed retraction test and emergency gear extension Replaced prop governor rod end at the prop governor Completed hydraulic fluid contamination check. Replaced both left and right main gear brake pads. Removed, cleaned, and lubed hardware at LMG down lock bolts, LMG torque link center bolt, RMG down lock bolts, and the RMG torque link center bolt Replaced nose gear actuator forward clevis bolt. Repositioned nose gear up limit switch. Reseated roll pins in the pilots and copilots seats. Checked compass with HIS with no defects noted IAW clipboard discrepancy

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order WO # RMS 2016-00133 Date 1/13/16 Ralph Wixon

Renair Station N3XR816N

ERAU 30

PAKIS IAUS

NE W	AND SERVICEABLE ACTOTAL TIME: 1167.7 ENG TOTAL TIME: 1167.7 ENG TOTAL TIME: 1167.7 ENG TOTAL TIME: 1167.7 ENG TOTAL TIME: 1167.7 ENG T S M O H.: 1167.7 PROP T S M O H.: 1167	
ATE HOBBS TIME:	Time in Service 1167.7 Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST. Inspected and serviced as needed hydraulic fluid, battery, and tires Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT limings & calipers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT limings & calipers in September 1 and the specific of the General Avision of the shaft of the specific of the Federal Avision of Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision of Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision of Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision of Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision of Administration and is approved for return to service. Pertinent details of current regulations of the Federal Avision of the Feder	
Cycle: 1 AG TT: 1 WO#: 2 Signatu	in thas been updated with NavData Mich Expires: 03/03/16 1.7.7 Tach Time: 1/61.7 2016 00502 Dated 02/03/16 Repair Station: N3XR816N A/C TOTAL TIME: 1220.3 ENG TOTAL TIME: 1220.3 ENG TOTAL TIME: 1220.3	
I certify that this MEGEN been impected in accordance and was found to be in am. Time in Service 1220. Completed with ANNU Replaced vacuum relief landing gear Iray El. Performed retraction to bushings. Repacked R. Semili bakendo en de la bakendo en de la bakendo en de la complete de la bakendo en de la complete de la bakendo en de la complete de la	VAUTICAL UNIVERSITY	
regulations of the Fed repair/inspection are o	c, aircraft engine or appliance identified above was inspected and repaired in accordance with current detail Aviation Administration and is approved for return to service. Pertinent details of the on file at the Repair Station under this work order. WO # RMS 2016 60036. Date 273716 Repair Station N3XR816N N3XR815N 9130	
This aircraf Cycle: 1 AC TT: J WO#: 2	If has been updated with NavData 1603 Which Expires: 03/31/16 1242.5 Tech Time: 1242.5 2016 01/22 Dated 03/02/16 17e: Estation: N3XR816N	

	TACH	ut ass		
ATE	HOBBS	EMBRU		
	TIME:	EMBRY-RIDDLE	A/C TOTAL TIME 1265.7 NUMBER	0.00
		THE	ENG TOTAL TIME 1365	COR
	1	AIRFRAME-PA28R	ENG TS MOH NA	WORK
	_	N110ER	IACH TIME	
	1	Time in Service: 1265.7	PROP T S M O H NA PROP TOTAL TIME 1265.7	
			PROP TOTAL TIME 1265.7	
		Complied with EMBRY-RIDDLES, 50 HOUR Inspected and serviced as needed hydraulic fluid, batter	CINSPECTION CHECKS	
	-	Inspected and serviced as needed hydraulic fluid, batter linings & calipers. Inspected interior & exterior for gene for operation	y, and tires Inspected interior 8	
		linings & calipers. Inspected interior & exterior for gene for operation	ral condition. Cleaned & lubed voke shafe	
	-	The array 8	Jose adalts Insp. ELT	
	1	The aircraft, airframe, aircraft engine or appliance identi- current regulations of the Federal Aviation Administrati- of the repair/inspection are on file at the Repair Station i Date 39/16	ified above was inspected and seems	
		of the repair/inspection are on file at the Repair Station of	on and is approved for return to service. Poster and in	
		Date 3/9/16	inder this work order. WO # RMS 2016-01291	
		10.61	Deletine	
		Signed Repair S	Ralph Wixon ERAU 30	
			Navposch	
			HISAROTON 9130	
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	- 10	an and an		
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	1	EMBRY-RIDDLE	A/C TOTAL TIME: 1311.8	
	-	AERONAUTICAL UNIVERSITY		
	I certify	that this AIDCDAFT DAGGE	ENG TS MOH NA	
			TACH TIME 1311 8	
		found to be in an airworthy condition. Service: 1311.8	I PROPTS MOH. NA	
			PROP TOTAL TIME 1311.8	
	Compl	ed with ANNUAL Inspection		
	landin	ed vacuum relief filter: Serviced hyd. fluid, battery & tire gear. Insp. ELT & battery (04-21) & FAR 91.207 Date	es. Performed CO test. Cleaned & lub-1	
4000	forwar	clevis bolt in the nose gear actuator. Replaced RMG he	talled hardware as needed in the sun visor bracket. Replaced ake pads. Installed new wing walk material on the cabin step.	
	lighte	ned hardware on the LMG down lock.	ace paus. Instanted new wing walk material on the cabin step.	
	The ai	craft airframe aircraft engine or and		
	regula	craft, airframe, aircraft engine or appliance identified ab ions of the Federal Aviation Administration and is appro- inspection are on file at the Repair Station under this per-	ove was inspected and repaired in accordance with current	
	repair	inspection are on file at the Repair Station under this wor	k order WO # Pars and a service. Pertinent details of the	
	Signe	Repair Station N	BXR816N Raiph Wixon ERAU 30	
			N3XR816N 9130	
	l In	s aircraft has been updated with NavData Cycle: 1604 Which Expires: 04/28/16		
		Oycle: 1604 Which Expires: 04/28/16 CTT: 1320 6 Tach Time: 1320 6		
	1 '	WO#: 2016 01687 Qated 03/30/16		
	+	100		
	1	Signature 16 Sende Pand		
		FAA Repair Station: N3XR816N		
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	110			
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NEW AND SERVICEABLE PARTS TAGS

NEW AND SERVICEABLE PARTS TAGS

		DESCRIPTION	N OF WORK PERFORMED. SED WITH REPAIR STATION NUMBER OR NUMBER OF PERSON PERFORMING WORK
DATE	TACH OR HOBBS TIME:	ALL DATA MUST BE ENDOR SIGNATURE AND CERTIFICATE	
1916	Piper	ARFRAME-PA28R NI10ER Time in Service 1983 Compiled with EMBRY-RIDDLES, 50 HOUR INSP Inspected and serviced as needed hybraulic flush battery, and tu Inspected and serviced as needed hybraulic flush battery, and tu Inspected and serviced as needed hybraulic flush battery, and tu Inspected and the inspected internet & confirmed for general cond saxy And I'T rake pads. Cleaned & label yoke shall service says flush to the Folician Against Additional Service of the control of the control forgetters are as for the Repair Station under this service of the folicial Against Against Service of the Service of	tion CVP PARKO LT for operation e was inspected and repared in accordance with e was inspected for return to service. Pertinent details species for return to service and the service for
	l certify that the been inspected and was found Time in Service Complied wit Replaced var egar Inspection test with SB 1136 vac filter, LT a sludged crank. The aircraft, a regulations of	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY us AIRCRA'L PAZAR (MILESE) has in a secondance with an AZNIAL Inspection to be me an aventhy conditions to 1800 and 180	placement of the induction air filter. Complied with GDL-90 [CA mage-ton, Replaced central sly. NG acutator five devis slot, disposable CO tested NG steering arm boils. Removed prop, detend NG steering arm boils. Removed prop, detended to the complete of

AIRFRAME MAINTENANCE LOG

	TACH OR	
DATE	HOBBS	ALL DATA MUST BE ENDODGED WITH DED IN ACC.
DAIL	TIME:	SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK
	+	TOTALER OF PERSON PERFORMING WORK
1	I.	
	This aircraft I	has been updated with NavData
	AC TT: 140	5 Which Expires: 05/26/16 6 以 Tach Time: 片位 以
	WO#: 201	6 02171 Sated 03/30/16
	Signature?	J. E Sundaland
1	10 FAA Re	pair Station: N3XR816N
1000	-	
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	1 1	
		EMBRY-RIDDLE ACTOTALTIME: 1448.7 ENG TOTAL TIME: 1448.7 ENG TOTAL TIME: 1448.7 ENG TOTAL TIME: 1448.7
		AIRFRAME-PA28R TACHTIME 1448.7
	l h	PROP T S M O H N/A PROP T OTAL TIME 1448.7
		Time in Service : 1448.7
		Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST,
		Inspected and serviced as needed: hydraulic fluid, battery, and tires. Inspected interior & extenor lighting, house
		Imings & calipers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT for operation.
		The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with
		current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2016 02522
	i	Date 17 MAY 2016
4.0		Steve Johnson ERAU 9
		Signed Repair Station N3XR816N N3XR816N 769
	L	
	ты	is aircraft has been updated with NavData
	A	OTT: Pick Expires: 06/23/16
		Oracle Tana Deen updated with NavData Oracle Or
		7-100 00/25/16
_	—— 110 °	FAA Repair Station: N3XR816N
		Gallon: N3XR816N
	L.	
	E	EMBRY-RIDDLE ACCTOTAL TIME: 1504.9 ENG TOTAL TIME: 1504.9
	-	ENGTS M.O.H. N/A
	I certify th	hat this AIRCRAFT-PA28R (NI10ER) has TACH TIME 1504,9
	and was fo	exected in accordance with an ANNUAL Inspection PROP T.S.M.O.H.: N/A prop TOTAL TIME: 1594.9
	Time in S	Service : 1504.9
	Complies	d with: ANNUAL Inspection.
	Replaced	vacuum relief filler. Serviced byd fluid hattery & tires. Performed CO test. Cleaned & lubed unless to 0. 5 Leading
	GMIAZOC	O ICA insp and hydraulic fluid contamination check. C/W stdby Aff battery ICA insp by replacing battery pack LT&RT brake pads, cabin heat intake hose, and LMG actuator. Replaced starter, 143-NL, s/n off. FN-0314104, s/n on
	FN-3814	81. Performed retraction test and emergency gear extension.
N T	regulation	raft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current ns of the Federal Aviation Administration and is approved for return to service Pertinent details of the repair/inspection
	are on fil	ns of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection e at the Repair Station under this work order. WO # RMS 2016 02908. Date 09 JUNE 2016. Steve Johnson FRG119
TA	_	
	Signed:	Repair Station N3XR816N
		N3XR816N 7691
		EMERGENCY BATTERY REPLACEMENT
		Affix this label in aircraft logobox
		Recommended battery replacement 3 years from date
		of manufacture. Order replacement battery from
		Date of Manufacture: 5//2016

		AIRFRAME MAINTE	Marie -	
N	ΙΕΊ	(Aircraft)	\mathbf{S}	LE
		6-9-16 RMS2016 02908	ORMED.	
	TACH O		A CTATION NIMBER O	R
TE	HOBBS	SIGNATURE AND CERTIFICATE	NUMBER OF PERSON PERFORMING WO	ORK.
	TIME:	SIGNATORE		
- - -	N110ER Total Time: 1: Tach Time: 1 Powered GDL90 traffic Found GI installed servicea verified acquisiti The aircraft, airfr	535.1 and monitored through hyper-terminal maintenance port and fo 2190 internal cooling fan working but was very loud. Remove ble unit with TIS: 6642.3 ph 430-6081-100-009 of ze 910106.2 unit with TIS: 6642.3 ph 430-6081-100-009 xe 910106.2 was inspected and the standard engine or appliance identified above was inspected. Administration and is accepted for return to service. Pertinent work order: WO # RMS 2016-03060. Date: 06/17/16	No external or service tautis notice on in per- me, aircraft is ok for return to service. d and repaired in accordance with current regulations of to details of the repair/inspection are on file at the Repair	
		-		
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY AIRFRAME-PAZSR N110ER Time in Service 1550.5 Complied with EMBRY-RIDDLES, 50 HOUR INSPET Inspected and serviced as needed hydraulic fluid, battery, and trest inning & calipses. Inspected interior & exterior for general condition for operation. The aircraft, airframe, aircraft engine or appliance identified above we current regulations of the Federal Aviation Administration and is app the repair/inspection are on file at the Repair Station under this work. Date 24 JUNE 2016	as inspected and repaired in accordance with	
_		0 1	GIEVE JUINSON ENAUS	

Repair Station N3XR816N.

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N3XR816N

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AIRFRAME MAINTENAN

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ATE HOUTIN	ACTOTAL TIME 1601.0
_	N3XR816N 9130
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MAINTENANCE LOG

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	-	TORE AND CERTIFI	DORSED WITH REPAIR STATION NUMBER OR CATE NUMBER OF PERSON PERFORMING WORK
			WORK WORK
		**	
		EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	A/G TOTAL
		AERONAUTICAL UNIVERSITY	A/C TOTAL TIME: 1732.3 ENG TOTAL TIME: 1732.3
110 This C AC AC 110		AIRFRAME-PA28R	ENGISMOH NA
		N110ER	PROPERSY 1732.3
		Time in Service : 1732.3	PROP TOTAL TIME 1732.3
		Complied with EMBRY-RIDDLES, 50 HOUR P	NSPECTION CHECK LIST.
- 1		I linings & caliners Inspected	u u cs. Inspected interior & automonticut
+		for operation. Lubed throttle cable at servo end. Secured screen RT arm rest.	ew at upper door handle Installed missing economic
		The aircreft and	missing screw at
110 Thirtic AA		The aircraft, airframe, aircraft engine or appliance identified at current regulations of the Federal Aviation Administration and	bove was inspected and repaired in accordance with
		the repair hispection are on file at the Repair Station	is approved for return to service. Pertinent details of
		Date 19 SEPT 2016	Steve Johnson ERAU 9
		Signed: Repair Station !	N3YPRICH MANAGEMENT
	L	/ Repair Station	N3XR816N N3XR816N 7691
<u> </u>	This aircraft ha	s been updated with NavData	
	Cycle: 1611	S been updated with NavData Which Expires: 11/10/16 □ Tach Time: □ 83 ७	
	AC TT: 1 / 83	. 6 Tach Time: ☐ 83 6	
	110#. 2010	Dated 10/12/16	
110	Signature: /	Caudilar L ir Station: N3XRB16N	
		- CHISON HOARBION	
765			
Init	s aircraft has be Cycle: 1612 W	en updated with NavData	
A0	CTT: 1845 . Z	which Expires: 12/08/16 Tach Time: 1845.2	
	- Car	Dated 11/09/16	
- 110 Si	FAA Renaid OF	Sundoland ation: N3XR816N	
	ropair St	AUON: NOAK816N	
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		PARTS T	TA CC
		PAKINI	ALIN
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NEW AND SERVICEABLE PARTS TAGS

A/C TOTAL TIME ENG TOTAL TIME 1649.8 ENG T S M O H TACH TIME 1649.8 NA 1649.8

TACH TIME PROP TOTAL TIME 1649.8

D. EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

AIRFRAME-PA28R

RFORMED.

AIR STATION NUMBER OR PERSON PERFORMING WORK

N110ER	1 1	
Time in Service 1649.8	CHE LICT	
PARTIES SO HOUR INSPECTION CIT	(K1.151.	
Complied with EMBRY-RIDDLES, So IT OF COLOR INSPECTED IN	erior & exterior lighting, oracle	N-000000
Inspected and serviced as needed hydraulic fluid, battery, and the Cleaned 8	blubed yoke shalls hisp bb1	
inspected and set inspected interior & exterior for general condition		This aircraft has been updated with NavDa
linings & callpas may		This aircraft has been up to the Expires: 09/15/16
for operation	and renaired in accordance with	Cycle: 1609 C Tash Time: 1660 8
for operation The aircraft, airframe, aircraft engine or appliance identified above was inspected a current regulations of the Federal Aviation Administration and is approved for retu current regulations of the Federal Repair Station under this work order. WO	m to senace Pertinent details	Cycle: 1609 Which Expires: 09/15/16 AC TT: 16 90 & Tach Time: 1660 &
The aircraft, airlrame, aircraft of aircraft Aviation Administration and is approved for recu	# DAG 2016 03735	WO# 2016 03946
The aircraft, airframe, aircraft of a current regulations of the Federal Avisation Administration and is approved for redu- of the repair/inspection are on file at the Repair Station under this work order. WO	# RVIS 2010-00-00	Signature LESundedan
of the repair/inspection are on file at the Repair		cimatura T Communication
Date 8/2/16 Ra	on Wixon ERAU 30	
Repair Station N3XR816N		_ 110 FAA Repair Seadon No.
Signed Repair Station NSAROTON N3	XR816N 9130	
Signed	ARBION	
4	A/C TOTAL TIME 1690.1	
M CHIPDY-DIDDLE	ENG TOTAL TIME 1690.1	
EMBRY-RIDDLE	ENGTS MOH NA	
AERONAUTICAL UNIVERSITY	BING TO ME OUT	
		111
certify that this AIRCRAFT PAZSR (N110ER) has		
and ANNUAL inspection	PROP TOTAL TIME 1690.1	
nd was found to be in an airworthy condition.		
ime in Service 1690.1		
Complied with ANNUAL Inspection	t Cleaned & lubed yoke shafts &	
Replaced vacuum relief filter Serviced hyd fluid, battery & tires 1 and	outh S. R. 636 (Tenition switch)	
Replaced vacuum rehef filter Serviced hyd fluid, battery & tires. Performed to deal landing gear. Insp. ELT & battery (04-21) & FAR 91, 207 Date (04-17). Complied v Performed retraction test and emergency gear extension. Replaced heater intake hose	B mlaced top coul hardware as nex	ied
Description test and emergency gear extension Replaced heater intake hose	Replaced top cowr transmit of the	
Replaced throttle control rod end at the fuel servo		-
teplaced another some of the	20 20 00 0002	
the aircraft, airframe, aircraft engine or appliance identified above was inspected and	repaired in accordance with current	
the aircraft, airframe, aircraft engine or appliance identified above was inspected aircraft engine or appliance identified above was inspected aircraft engine or appliance identified above was inspected aircraft engine identified and inspected aircraft engine identified aircraft engine ide	ce. Pertinent details of the	
egulations of the Federal Aviation Administration and is approved to Federal Aviation epair/inspection are on file at the Repair Station under this work order: WO # RMS:	2016-04019 Date 8/23/16	
epair/inspection are on life at the Repair Station under this work of a	Ralph Wixon ERAU 30	
11/2 1-	Raibii Wixon Elizad So	
Repair Station N3XR816N		
ighter ACI . D	N3XR816N 9130	
		z'
This aircraft has been updated with NavData		
Cycle: 1610 Which Expires: 10/13/16		7
AC TT: 17267 Tach Time: 17207		
WO#: 2016 04365 Dated 09/14/16		
WOW. 2010 04303 Pated 65714715		
1 Le		
Signature: FoSundolomo	1000	
110 FAA Repair Station: N3XR816N		
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Coner 10706/2023 NSTWE Piper Arrow SIN 2844148. Engine 1 3571.30 It IS 3635.90
Re-flared Mandod Pressure line. Replace and installed new Eshaust Riser PIN 67899-000 and Fixhaust Muffler issambly PIN 67517-00AWL. Replace and installed new Prop Gov. gasket PIN SI.72053 and Acc. Drive Adaptor Gasket PIN SI.683151AW Piper Aircraft. Inc. PA-2816201. Arrow Manitenance Nanual. 79-00-00 and 61-20-00.

Gregory Warton #3807766 A&P IA Date 7/6/23 Signature

270	AIRFRAME	MAINTENANCE LO	
		THATTEL LO	G

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK Conditional state of major activities and particles and performed with state of the major activities and continues and the state of the state			ENAUCE LOG
DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK Condent 08/01/2023 INSIME Piper Arrow IN 2744448. Trement 1 3602.30 IN 3664.79 Long/sept 100 TR respectant INV FAR 33 and D reference in a Par-26-16 INV AND 5-20-00 Researched APS through the time authorities has been imprected IAW 100 HR imprection and has been determined to be in airworthy condition. John Kennedy AAP#4653415 Date 9-1/23 Signature John A. Septiment III and the second of the septiment III and the second of the second o	TACE	H OR	
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Conded 09/01/2023 NSIWE Piper Arrow SE284448. Legical 3602.30 119:3666.78 Congletion 100 HR inspection IAW FAR is also Diefertioning PA-28-05 AVM 5-25-0 Researched APR through the Congress of Farman Arrow has been inspected IAW 100 HR inspection and has been determined to be in airworthy condition. John Kennedy AAP84653415 Date 91/23 Signature BBA			NO WORK
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Created 09/01/2023 INSTWE Piper Arrow Side 2444148 English 3002/30 TTIS 3000/30 Gentaried terruction at Illier wines Assy shall Side 100 installed obstant as the arrow weight change is negligible.			Josh Kennedy AAP#4653415 Date 9/1/23 Sanger #044
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Gregory Warten #3807760 Date PHIZS Signature		Carry Cl. 3	or spiritual of the spi
Sugary William # 3807766 Date 191723 Signature Sugarantee Sugarant		Granova (**	
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NEW AND SERVICEABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

N110ER EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	DATE
Tach Time: 1767.9 Tach time: 1767.9	
Removed equipment:	
GDL 90 UAT, P/N: 430-6081-100-000, S/N: 29101062. Installed equipment: GDL88D UAT ADSB (Automatic Dependent Surveillance Broadcast) traffic reporting system, P/N: 010-00862-30, S/N:	
22W000749. Performed system configuration and ground check-out IAW GDL88 Installation manual 190-01310-00 Rev: 1 section: 5. and IAW AC20-165B section: 4, per paragraph 91.227 (d). Complied with Garmin Service Bulletins:	
- No.: 1647 Rev. A GDL 84/88 Software upgrade to SSV 3.34. - No.: 1623 Rev. A GDL 84/88 Software upgrade to SSV 3.33. - No.: 1520 Rev. B, Software upgrade for G500/600: GDU 620 V 7.00, GRS 77 v3.04, and - No.: 1509 Rev. B GMX 200 Software upgrade 2.14. Perform weight and balance to reflect the changes.	
File form 337 with FAA. Post installation operational check flight tracking is filed with the FAA AWA AFSS Next Gen, IAW 14 CFR, AC 20-165B Section: 4.3.1.1.1 per paragraph: 91.227. Copy is in file in aircraft records.	
The following documents were utilized for this installation:	
TCCA GDL 84-88 Part 27 STC SH15-50 Rev: 1 December, 2015 STC SR02123SE Permission Letter PRM_SR02123SE January 1, 2015. STC SA02119SE with AML, SA02119SE October 1, 2015. GDL 84/88 Part 23 AML STC Installation Manual 190-01310-00 Rev: 1, October 1, 2015	
GDL 84/88 Part TSO Installation Manual 190-01122-00 Rev: J, April 1, 2015 Master Drawing List GDL 84/88 Part 23 AML STC 005-00645-02 Rev: 8, October 1, 2015. Instructions for Continued Airworthiness GDL84/88 Part 23 AML STC 190-01310-01 Rev: 3, October 1, 2015. GMX200 Installation Manual p/n: 005-C0315-00 Rev: E, February 28, 2015.	
GTX 330/330 D Installation Manual p/n: 190-00207-02 Rev: Z October 31, 2015. G500/600AML STC Installation Manual p/n: 190-00601-06 Rev: N, October 31, 2015. Equipment List, GDL 84/88 Part 23 AML STC 005-00645-03 Rev: 9, September 1, 2015. Operational check was performed using Aeroflex IFR 6000 Transponder and ADSB tester, s/n 104005257 Cal date May	
26, 2017, and AISS393B, s/n 393-000-180, CAL date April 14, 2017. In compliance with FAR 91.411 (a) and in accordance with the requirements outlined in FAR 43 Appendix E (a), the static system has been inspected and is approved for return to service. In compliance with FAR 91.411and, 91.413, and in accordance with FAR 43 appendix E (c) (a), and F (a - j). I certify that the Transponder and installation make: GARMIN, Model GTX 330, s/n: 84147147, meet all the requirements.	
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order:	
WO # RMS20164677 Date: 10/05/2016 Jacques DttPhilippe ERAU 25	
Signed: Maxresian N3XR816N. N3XR816N. 8434	
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ICH UR ENANCE LOG)BBS EMBRY-RIDDL ME: AERONAUTICAL UNIVERSITY I certify that this <u>AIRCRAFT-PAZSR (N110ER)</u> has been inspected in accordance with an ANNUAL Inspection A/C TOTAL TIME ENG TOTAL TIME and was found to be in an airworthy condition 1786.8 DR ENG TS MOH Time in Service 17868 1786.8 **VORK** TACH TIME NA Complied with: \underline{ANNUAL} Inspection PROPTSMOH 1786.8 Replaced vacuum relief filter Serviced hyd fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & Replaced vacuum rener inner serviced nyd muid, battery & tires. Performed CO test. Cleaned & tubed yoke sharts a landing gear. Insp. ELT & battery (04-21) & FAR 91.207 Date (04-17). Complied with S. B. 636 (Ignition switch). Performed retraction test and emergency gear extension. Replaced right ailer on inboard static wick. Replaced LMG brake pads Tightened the center torque link bolt on the LMG. Replaced cabin door stop. Replaced Teflon bushings on the lower pags rightened the center torque link boil on the LNIO Replaced cabin door stop Replaced reiton busnings on the lower cowl. Retorqued the lower left and lower tight engine mount bolts at the firewall. Replaced prop spinner cuff. Stop drilled The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the regulations of the reduct at Tyriation Administration and is approved for return to service. Pertinent details of the repair/inspection are on five at the Repair Station under this work order. WO # RMS 2016-04807. Date: 10/13/16 Repair Station N3XR816N Ralph Wixon ERAU 30 N3XR816N 9130 EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY A/C TOTAL TIME AIRFRAME-PA28R ENG TOTAL TIME 1832.9 ENG T.S.MO.H. 1832.9 N110ER NA TACH TIME Time in Service: 1832.9 PROPTSMOH 1832.9 PROP TOTAL TIME Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST. NA Inspected and serviced as needed hydraulic fluid, battery, and tires. Inspected interior & exterior lighting, brake nispected and services as nected hydraum name, battery, and the inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT for operation. Removed LMG wheel / tire assembly and replaced with a serviceable shop built up tire assembly. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order. WO # RMS 2016-05187 Signed Ralph Wixon Repair Station N3XR816N. ERAU 30 N3XR816N 9130 EMBRY-RIDDLE AERONAUTICAL UNIVERSITY A/C TOTAL TIME : ENG TOTAL TIME: 1883.6 ENG T.S.M.O.H.: N/A I certify that this AIRCRAFT-PA28R (N110ER) has TACH TIME 1883.6 been inspected in accordance with an ANNUAL Inspection PROP T.S.M.O.H. N/A and was found to be in an airworthy condition PROP TOTAL TIME: 1883.6 Time in Service: 1883.6 Complied with: ANNUAL Inspection. Replaced vacuum relief filter. Serviced: hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear. Insp. ELT & battery (04-2021) & FAR 91.207 Date (04-2017). Complied with: S. B. 636 (Ignition switch), SB11569 (replaced bolt), and hydraulic fluid contamination check. Cleaned, insp, and repacked nose wheel bearings. Lubed stab trim actuator. Replaced panel light switch and resistor, removed inop placard. Removed fit seats and installed seat covers, reinstalled front seats and stops. Replaced co-pilots seat adjust cable. Performed retraction test and emergency gear extension The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Regair Station under this work order: WO # RMS 2016 05659 Date: 29 NOV 2016

Repair Station N3XR816N

Steve Johnson

N3XR816N

NEW AND SERVICEABLE PARTS TAGS

DATE	TACH OR HOBBS TIME :	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK
	N110ER Total Time: 1901 Tach Time: 190. Troubleshot the Alter operational check of The aircraft, airframe Federal Aviation Adr	
	WO#: 2	This been updated with NavOsta
	N110ER Total Time 1981.6 Tach Time 1981.6 Disconnected rt. fuel skin section from Wy thickness LAW AC 4 and painted parts. In and leak checked. No	it tank ful line and fitting, disconnected rt. fuel sender wire, removed fuel tank, removed bottom wing 5 90 1 to 100,17 and from froat spare to rear spar. Installed serv-skin extent on frame alloy material and 50 LLA ST 100,18 and from froat spare to rear spare. Installed serv-skin extent on frame alloy material and 50 LLA ST 100,18 and from froat spare to rear spare. Installed resemble on the regular transport of the spare of

D	ATE	TACH OR HOBBS TIME:	ALL DAT	AME MAINTENAI DESCRIPTION OF W	YORK PERFORMED. TH REPAIR STATION NUMBER OR SER OF PERSON PERFORMING WORK
T			SIGNATURE	AND CERTIFICATION	ORK PERFORMED
1-	4	,		OLKTIFICATE NUME	BEP OF STATION NEW
1 .	F.	EMBR)	RIDDLE		OF PERSON PERFORMEN
-	I certify that	Andrew Comment	AL UNIVERSITY		PL6
	and was four	d to be in		ENG TS MOL	81.6
	Time in Ser	Vice 1981.6		PROP T.S.M.O.V.	11.6
		oth ANNUAL Inspects		TIME 187	5.5
[anding gear erformed re	Insp FLT & buttery traction test and emers	(04-21) & FAR 91.207 Date (04-21)	PROP TOTAL TIME 1877 med CO test. Cleaned & lubed yeke shafts & Complied with S. D. 636 ((gantien swatch)) seller from aircraft NI 10ER for overhaul. Its 1 NI 10ER. The bound installed a newly-	
B	2D34C213 or handed pa	and S/N 100367 The	total time on this is 1021 4	ned CO test. Cleaned & lubed yoke shafts & Complied with S. B. 636 (Ignation switch) celled from aircraft N/I 10ER for overhaud. Its as not been overhaud. Installed a newly VI 10ER. The hours on this prop are TT-187 bardware as needed at the lower wing airsale.	
- 100	and 12W	OH-00 hrs Replaced	Court count T a 130168 onto this airrad it h	as not been overhault NITOER for overhauf	
76	e aircraft a	- G		nardware as product of this prop are TT	
reg	ulations of i	the Federal Aylation Ac	or appliance identified above was in-	at the lower wing attach	
- Sugar		at the Rep	or appliance identified above was inspiring interestration and is approved for return air Station under this work order. WO Repair Station 2010.	to service Des	
5.0		NY	Repair Station NT VIII		
			- CARBIEN	LRAIL20	
	+-			N3XR816N 9130	
	1 -				
	Tota Tach Prop Prop	Time 1983.5 Time 1983.5 Time 1983.5 TT: 1877.4 TSMOH: 1.9 ved propeller, B2D3.	IC213-B, vn 130168 Prop TT 18 and engine or appliance identified at an engine or appl	ove was inspected and repaired in accordance um to service. Pertinent details of the repair	e with current regulations reinspection are on file at ERALL 9
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NEW AND SERVICEABLE PARTS TAGS

NEW AND SERVICEABLE PARTS TAGS

This aircraft has been updated with NavData Cycle 1702 Which Expires, 03/02/17 WO# 2017 00497 Dated 02/01/17 Signature Columnia aux

FAA Repair Station: N3XR816N

DESCRIPTION OF WORK PERFORMED.

UST BE ENDORSED WITH REPAIR STATION NUMBER OR AD CERTIFICATE NUMBER OF PERSON PERFORMING WORK

N3XR816N

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY N110ER Disconnected rt. fuel tank fuel line and fitting, disconnected rt. fuel sender wire, removed fuel tank, removed previously wing skin repair from WS 90,19 to WS 106,19 and from front spar to rear spar and installed new skin section of same alloy material and thickness from W.S. 86.69 to W.S. 106.19 and from front spar to rear spar IAW AC 43.13-1B section 4 PAR 4-57. Cut new access pand hole as original, installed reinforcement ring, primed and painted parts. Installed rt. feel tank, connected rt. fuel tank fuel line. fitting and fuel sender unit wire. Refuel rt. tank and leak checked, No leaks noted. Closed all access panels. The gazeft affines arrors recovery appliance identified above was inspected and repaired in accordance with current regulations of the feeding above to the property of the second for return to service. Pertness details of the repair inspection are on file at the Repair State of the second for the second for the second file of the Repair State of the Second for the second file of the Repair State of the Second for the Secon or Oliveras ERAU 34

> **EMBRY-RIDDLE** N110ER

Total Time 1983.5

istalled overhauled propeller, B2D34C213-B, sin 130710. Prop TT. 1954.1, TSMOH. 0.0. Prop installed in accordance with PA28R Maintenance Manual Section 61-10-00 para C

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair inspection are on file at the Repair Station under this work order WO # RMS 2017 00380 Date 07 FEB 2017

Steve Johnson

2501

AC TT: 2119.2 Tach Time: 2119.2 WO#: 2017 01469 /Dated 03/29/17

DATE

Signature 18 Sundalana FAA Repair Station: N3XR816N

AIRFRAME-PA28R

Time in Service 2124.7

NIIOFR



EMBRY-RIDDLE

NIIOER

DATE

Total Time: 2151.9

Total Line: 2151.9

Removed the upper engine cowling to gain access to the engine compartment Found the electric fuel pump is not operational Removed the full full gain access to the engine compartment Found the electric fuel pump is not operational Removed the old fittings and installed them onto the new fuel pump is not operational Removed the installed upper engine cowling. A/C is of for return to service

Installed upper engine cowling. A/C is of for return to service

Installed upper engine cowling. A/C is of for return to service

Installed upper engine cowling. A/C is of for return to service.

Installed upper engine cowling. A/C is of for return to service.

Installed upper engine cowling. A/C is of for return to service.

Installed upper engine cowling to gain access to the engine compartment. Found the electric fuel pump is not operational Removed the installed upper engine cowling. A/C is of for return to service. ISS 120-G DVR 1022-1 | SVR 1022 installed upper service. The accordance with current regulations of the repaired in accordance with current regulations of the repair work order. WO # RMS 2017 01698. Date: 04/12/17

Daniel Stinelli ERAU 44 N3XR816N 924/

A/C TOTAL TIME

ENG TOTAL TIME ENG T S.M.O.H.
TACH TIME

EMBRY-RIDDLE

I certify that this AIRCRAFT-PA28R (NIIOER) has termy max this <u>AIKU RAF I-PA28R (NI10ER)</u> has been inspected in accordance with an <u>ANNUAL</u> Inspection and was found to be in an airworthy condition.

Time in Service: <u>2173.2</u>

Complied with: ANNUAL Inspection.

Complied with ANNIAL Inspection.

Replaced vacuum relief filter. Serviced byd. fliud, battery & tires. Performed CO test. Cleaned & inbed yoke shafts & landing gear Insp. ELT & battery. (04-21) & FAR 91.207 Date (03-18). Complied with S. B. 636 (Ignition switch). Performed retraction test and energy gear extension. Replaced both Telfon bushings on the lower coal. Replaced most performed registral aleron outboard static wick. Replaced both left and right man gear downbeck spring attach plate. Replaced lower torque link bolt as needed. Replaced nose gear actuator forward clevis both. PROPTSMOH

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current and the Endowed Administration and it approved for some in section. Destinant destined of the restriction The aircraft, airfraine, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Perturent details of the repair station are on file at the Repair Station under this work order: WO # RMS 2017-01810 Date 4/8217.

ERAU 30 N3XR816N

9130

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

AIRFRAME-PA28R

N110ER Time in Service : 2217.9

A/C TOTAL TIME ENG TOTAL TIME ENG T.S.M.O.H. TACH TIME PROP T S M O H

Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST.

Inspected and serviced as needed: hydraulic fluid, battery, and tres. Inspected intener & extens lighting, brake Inspected and serviced as needed: hydraunic fund, pattery, and tires. Inspected, interior & extenor highing, brake linnings & calipiers. Inspected interior & exterior for general condition. Cleaned & labed yoke shafts. Insp. ELT. lantigs oc campers, impected interior oc extenti for general condition. Litanco oc inoca yose snarts into acti for operation. Replaced LMG brake pads. Replaced cowl camlocs as needed. GDL-88 was reset and the needs

Ine arcean, artrame, arcrait engine or appuiance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Perturn details of Current regulations of the Peoplar Avanues Auministration and is approved for return to service. Perun the repair/inspection are on fife at the Repair Station under this work order. WO # RMS 2017-02039

Repair Station N3XR816N

ERAU 30 N3XR816N

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with

Stive Signed

the Repair Station under this work order: WO # RMS 2017 01560

Steve Johnson N3XR816N

CE LOG

A/C TOTAL TIME 2124.7 ENG TOTAL TIME 2124.7

PROP TOTAL TIME 2095.3

NA 2124.7

ERAU 30

9130

A/C TOTAL TIME

ENGTSMOH

TACH TIME PROPTSMOH

SERIAL # TIS/TSO

FN-381481 629 3 TIS

H-Q110101 0.0 TSO

J03-2703-4 0.0TSO 12110202

70257910 0.0 TSO

15011193

Date: 06 APR 2017

ENG TOTAL TIME

ENGTSMOH

Ralph Wixon

N3XR816N

INSTALLED

150 7 TSO B2D34C213-B 130710 150 7 TSO

TACH TIME PROPTSMOH 1ED

2134,2 4079,5

N/A 2134.2

ATION NUMBER OR

N PERFORMING WORK

NEW AND SERVICEABLE

This aircraft has been updated with NavData Cycle: 1704 Which Expires: 04/27/17 AC TT: 21/9., 2 Tach Time: 21/9., 2

Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST. Inspected and serviced as needed. hydraulic fluid, battery, and tires. Inspected. intenor & exterior lighting, brake linings & calipers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT

the repair/inspection are on fife at the Repair Station under this work order. WO # RMS 2017-01507

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with

current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of

Repair Station N3XR816N

Removed engine P/N IO-360-C1C6 S/N L-36287-51A and all related accessories and installed an overhauled engine P/N IO-360-CIC6 S/N: L-30389-51A and related accessories. New lord mounts, hoses, hardware & oil drain valve. Complied with AD84-26-02

SERIAL # TIS/TSO PART#

FN-381481 629.3 TIS MZ6222

H-N090754 2134 2 TIS ALX 8521

K10-9044-8 2134-2 TIS 20017A

16070628 250.6 TIS 4372

14021174 250 6 TSO 4370

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at

2524450-9 AV171461297 2134 2 TIS 2524450-9

0-360-C1C6 L-36287-51E 2134.2 TIS 10-360-C1C6 L-30389-51A 0.0 TSO

2134.2 TIS LW-15473

AV171461589 2134.2 TIS 2524232-2 ADC4329 0.0 TSO

G126WJ 2134.2 TIS 463-156 G126WJ 2134.2 TIS

by replacing induction air filter. Replaced throttle cable and heat shroud intake hose. Replaced engine fuel/oil hoses.

REMOVED

EMBRY-RIDDLE

AERONAUTICAL UNIVERSITY

M EMBRY-RIDDLE

The engine and related accessories were changed as follows

ITEM

STARTER

OIL COOLER

MAGNETO (S)

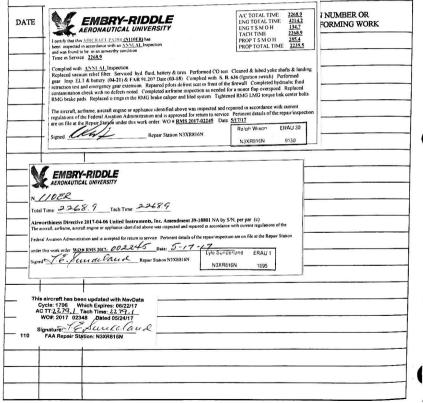
AIRFRAME

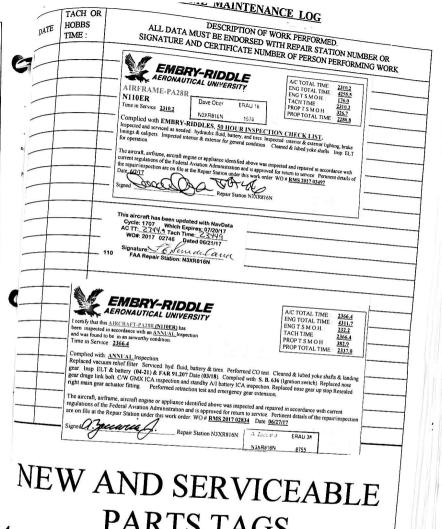
N110ER Tach Time : 2134.2

38

39

NEW AND SERVICEABLE **PARTS TAGS**





11-8-21

TACH OR

PARTS TAGS

PARTS TAGS



een inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition Time in Service : 2461.3

A/C TOTAL TIME: 2461.3 4406.6 ENG TOTAL TIME : ENG T.S.M.O.H.: 327.1 2461.3 PROPTS MOH PROP TOTAL TIME 2431.9

Replaced vacuum relief filter. Serviced: hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear Insp ELT & battery (04-21) & FAR 91,207 Date (03-18) Complied with: S. B. 636 (Ignition switch). Performed retraction test and emergency gear extension. Replaced prop governor with a serviceable P/N: F2-7A. Removed governor with S/N G126WJ and installed governor with S/N: G146WJ. Removed altimeter with P/N: 5934P-3A130 and S/N: 462455. Installed serviceable altimeter with P/N: \$934PD-3A656 and S/N: 457356. Altimeter was certified on 6/17, next due on 6/19. Replaced cabin heat inlet duct. Repacked nose gear, LMG, and RMG wheel bearings.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2017-03380 Date: 8/1/17

Stun Repair Station N3XR816N.

N3XR816N

SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK EMBRY-RIDDLE

0

Total Time: 2461.3 Tach Time: 2461.3

TACH OR

HOBBS

TIME:

Tach Hittie. 24013

Performed operational check and systems correlation using IFR ATC 6000 s/n 104005257 CAL DATE. June 6, 2017 and pitot/static tester Performed operational circle and systems correlation using IFR ATC 0000 sri 10400525/CAL DATE: June 6, 2017 and pito/static tester model number 393 D s/n 393-000180 Cal date. May 11, 2017. In compliance with FAR 91.411 (a) and FAR 91.413(b) and in accordance model number 393 D and FAR 91 413(b) and in accordance with the requirements outlined in FAR 43 Appendix E (a), (b), and (c) the static system and correlation has been inspected and is approved.

for return to service.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the The aircraft, airtraine, another eigeneous approaches the number above was inspected and repaired in accordance with current regulations of Federal Aviation Administration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair

Repair Station N3XR816N

Daniel Stinelli ERAU 44

A/C TOTAL TIME :

ENG TOTAL TIME:

ENG T S M O H

PROP T.S M.O.H.

PROP TOTAL TIME

TACH TIME

ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR

4448,4

368.9

2503.1

EMBRY-RIDDLE

AIRFRAME-PA28R N110ER

Time in Service : 2503.1

Complied with EMBRY-RIDDLES, 50 HOUR INSPECTION CHECK LIST. Inspected and serviced as needed. hydraulic fluid, battery, and tres. Inspected intenor & externor lighting, brake linings & callpers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Insp. ELT for operation. Replaced LT brake pads and landing light switch lamp.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order WO # RMS 2017 03660

17-14-04 (On HISAS) NA PER COXI

Date:

11-8-21 3551.0

AIRCRAFT AVIONICS WORKS

NEW AND SERVICEABLE PARTS TAGS

NEW AND SERVICEABLE **PARTS TAGS**

DESCRIPTION OF WORK PERFORMED. TACH OR ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR HOBBS SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK DATE TIME **EMBRY-RIDDLE** N110ER Removed the right main gear actuator P/N 455-994 S/N 5455 and installed P/N 455-994 S/N 6171. Performed multiple gear swings to removed air from the system. Checked cear actuator for leaks: No leaks noted. Landing gear functioning normally. The aircraft, aufrance, aircraft engine or applicance identified above was impected and reported in accordance with current regulations of the Toderal Availines Administration and is approved for return to service. Perfused details of the repair / impection are on file at the Repair States unadaptives work originary OF applications are consistent original and provided and provide SCOTT PARKER CRS N3XR816N Cycle: 1710 Which Expires: 10/12/17 AC TT: 2540.0 Tach Time: 2540.0 WO#: 2017 06941 Dated 09/13/17 Signature: 16 Demaid and A/C TOTAL TIME: 2554.6 ENG TOTAL TIME: 4499.9 ENG T S.M.O.H.: 420.4 TACH TIME: 2554.6 EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY PROP TOTAL TIME: 2534.9
PROP TOTAL TIME: 2525.2 Certify that this AIRCRAFT-PA28R (N110ER) has been inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition Time in Service : 2554.6 Complied with ANNUAL Inspection
Replaced secum relief filter. Serviced hyd. Build, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing
gear. Insp. ELT. & battery (04-201). & FAR 91.207 Date (03-2018). Complied with S. B. 636 (Ignition switch). Performed
gear. Insp. ELT. & battery (04-201). & FAR 91.207 Date (03-2018). Complied with S. B. 636 (Ignition switch). Performed
gear insp. ELT. & battery (04-201). & FAR 91.207 Date (03-2018). Complied with S. B. 636 (Ignition switch). Performed
gear insp. ELT. & battery (04-201). & FAR 91.207 Date (03-2018). Complied with S. B. 636 (Ignition switch).

Replaced in Management of the state of the sta vent. Removed oil cooler, flushed, and re-installed. Tightened and secured hardware at throttle control rod end. Removed propeller, desludged crank shaft/prop, re-installed prop, and safetied bolts. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2017 04057 Date 21 SEPT 2017

LOG LOG TACH OR DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR HOBBS ALL DATA MUST BE ENDORSED WITH KEPAIK STATION NUMBER OK SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK TIME : This aircraft has been updated with NavData his aircraft has been updated with NavDet Cycle: 1711 Which Expires: 11/09/17 AC TT: 2566 3 Tach Time: 2863 WOM: 2017 04454 Dated 10/11/17 Signature: Foxunda and FAA Repair Station: N3XR816N EMBRY-RIDDLE AERONAUTICAL UNIVERSITY A/C TOTAL TIME ENG TOTAL TIME AIRFRAME-PA28R 2596.9 4542.2 462.7 ENGTSMOH AIRCRAFT AVIONICS WORKS N110ER TACH TIME Time in Service 2596.9 PROPTSMOH 2596.9 Complied with EMBRY-RIDDLES. 50 HOUR INSPECTION CHECK LIST. PROP TOTAL TIME 2567.5 Compiled with EMBERT-RIDDLES, 20 HOLK INSTELLANT HIPCRIPAL.
Inspected and serviced as needed. hydraulic fluid, battery, and tres Inspected interior & exterior highling, brake Inspected and serviced as needed. hydraulic fluid, battery, and tires. Inspected interior & exterior lighting, brake illings & calipers. Inspected interior & exterior for general condition. Cleaned & lided yoke shafts. Insp. ELT. linings & calipers. Inspected interior & exterior for general condition. Cleaned & lubed yoke shafts. Inspection for operation. Removed LMG wheel / tire assembly and replaced with a serviceable shop built up assembly. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with The aircraft, airframe, aircraft engine or appriance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Perturent details of current regulations of the recental Avation Administration and is approved for return to service. Perturn the repair/inspection are on file at the Repair Station under this work order WO s RMS 2017-0459X Repair Station N3XR816N ERAU 30

N3XR816N

9130

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

N110ER Total Time 2607.0

K & K
PRECISION WELDING
2083 Hwy. L Unit 15
East Troy, WI 53120
FAA Repair Station #XKKR436L

Tach time 2007.0 Removed the upper and lower engine cowlings to gain access to the engine. Removed the cracked Accorded the upper and unter cuguic comings to gain access to the congruence and constitution of the congruence and cylinder #1 exhaust riser. Re-installed the upper and lower engine cowlings. No other defects noted, engine run up ops check good aircraft ok

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Perturent detail CHRISTEROOF reconsider at the Repair Supron under this work order. Wo # ANSA 2017 04681 Date 10/25/17

Signed Wash Callow Repair Stanon N3XR816N

N3XR816N

T.

HE COMPONENT IDENTIFIED HEREON AS REPAIRED AND INSPECTED IN COORDANCE WITH CURRENT FAA ERTINENT DETAILS OF THE FPAIR/OVERHAUL ARE ON FILE AIR STATION UNDER

11-8-21 3551 0

NEW AND SERVICEABLE **PARTS TAGS**

DESCRIPTION OF WORK PERFORMED. TACH OR ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR DATE HOBBS SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK TIME EMBRY-RIDDLE Replaced tachometer, 599-282, s/n off: 43922 (reading 2616 lhrs), s/n on: 45624 (reading 0.1 hrs). Performed post MX run up and both tach and MP gauges operated normal. Ops check good. No other defects noted at this time. A/C OK for return to service. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is accepted for return to service. Perturnet details of the repair/inspection are on file at of the Federal Aviation Administration and is accepted to 76481 Date: 30 OCT 2017-the Repair Station under this work order. WO # RMS 2017 04781 Date: 30 OCT 2017-CARLOS ELIAS N3XR816N

This aircraft has been updated with NavData Cycle: 1712 Which Expires: 12/07/17
AC TT: 26-17 7 Tach Time: 26-7
WO#: 2017 05023 Dated 11/08/17 Signature & Lounda Dans

A/C TOTAL TIME : 2649.8 ENG TOTAL TIME : 4595.1 ENG T S M.O.H. : 515.6

PROP TOTAL TIME: 2620.4

PROPTSMOH.:

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

been inspected in accordance with an ANNUAL inspection and was found to be in an autworthy condition.

Time in Service: 2649.8

Complied with: ANNUAL Inspection.

Replaced vacuum relief filter. Serviced hyd. fluid, battery & tires. Performed CO test. Cleaned & lubed yoke shafts & landing gear Insp. ELT & battery (04-21) & FAR 91.207 Date (03-18). Complied with: S. B. 636 (Ignition switch). Performed gear irang E.I. & castery (M-27) ex 1, and completed by the complete extraction text and emergency general complete the complete extraction text and emergency general complete extraction text and emergency general complete extraction text and emergency general complete extraction of the com

door hinge pins. Replaced LMG and RMG brake pads. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Avyston Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2017-05118 Date Rainh Wixon ERAU 30 Repair Station N3XR816N N3XR816N

MAINTENANCE LOG

A/C TOTAL TIME: 2698.3 ENG TOTAL TIME: 4643.6

564.1 82.3

ENG T.S.M.O.H.

PROPTS M.O.H PROP TOTAL TIME 2668.9

TACH TIME

Ai Zaccaria

N3XR816N

WORK

AIRCRAFT
AVIONICS WORKS
Aircraft I on

HOBBS EMBRY-RIDDLE AERONAUTICAL UNIVERSITY AIRFRAME-PA28R

N110ER

Time in Service : 2698.3

TACH OR

TIME :

DATE

Complied with EMBRY-RIDDLES, SO. HOUR INSPECTION CHECKLIST.

Inspected and serviced as needed. hydraulic fluid, battery, and tires. Inspected. interior & exterior lighting, brake Inspected and serviced as needed interior & extenor for general condition. Cleaned & lubed yoke shafts. Inspected interior & extenor for general condition.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with

the another, arrivant engine or apparance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of current regunations of the recernia Aviation Authinistration and is approved for return to service. Permit the repair/inspection are on file at the Repair Station under this work order: WO # RMS 2017 08529 Repair Station N3XR816N

This aircraft has been updated with NavData

his aircraft has been updated with Navual Cycle: 1713 Which Expires: 01/04/18 AC TT: 2706: T Tach Time: 29.7 Wo#: 2017 05543 Dated 12/06/17

Signaturo LE Sunaclare

Repair Station N3XR816N

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

N110ER Total Time: 2709.1

Tach Time: 93.1

Replaced propeller, B2D34C213-B, s/n off: 130710, s/n on: 131016. Repaired propeller installed TT: 2516.7, TSMOH: 580.7. Work accomplished in accordance with PA28R Service Manual Section 61-10-00.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations The attention are made, arread engine or appulance identified above was inspected and repaired in accordance with current regulations of the Federal AsstalonyAdministration and is accepted for return to service. Pertinent details of the repair/inspection are on file at the Repair Station upder/fits work orger: WO # RMS 2017 055590 Date: 14 DEC 2017

NEW /

VIIa-DOTOVING CIVIL AVIABLE FAA/United States

AUTHORIZED RELEAS FAA Form \$130-3, AIRWORTHINES Waterford, MI 4832

OILDYNE 108AMC19SP-AL-1VT HYD. PWR. PK.

Charles Stewart N3XR816N

OVERHAULED IN ACCORDANCE WITH MANUFACTURER'S SPE

a. Certifies the items identified above were manufactured in confor Approved design data and are in a condition for safe operation Non-approved design data specified in Rivel 13

NEW AND SERVICEABLE

RMED.

A/C TOTAL TIME: 2739.9

ENG T.S.M.O.H.: 605.7 TACH TIME: 123.9 PROP T.S.M.O.H.: 611.5 PROP TOTAL TIME: 2547.5

4685.2

ENG TOTAL TIME

STATION NUMBER OR

ON PERFORMING WORK



Total Time: 2710.1

Replaced hydraulic power pack, 38992-805, s/n off unknown, s/n on. 21473BZ and replaced free fall valve(89375-000) Work accomplished in accordance with PA28R Maintenance Manual Section 29-10-00, para 2. Leak check satisfactory. Re-installed back

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation administration and is accepted for return to service. Pertinent details of the repair/inspection are on file a the Repair Station under this work order: WO # RMS 2017 05715 Date 15 DEC 2017 Repair Station N3XR816N

> This aircraft has been updated with NavData Cycle: 1801 Which Expires: 02/01/18 AC TT: 2718 & Tach Time: 102 8 WO#: 2018 00007 Dated 01/03/18 E Secredalar.

EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY

I certify that this AIRCRAFT-PA28R (N110ER) has been inspected in accordance with an ANNUAL Inspection and was found to be in an airworthy condition.

Time in Service : 2739.9 Compiled with ANVAL inspection.
Replaced vacuum relief filter. Serviced hyd. fluid, battery & ures. Performed CO test. Cleaned & lubed yoke shafts & landing. Replaced vacuum reitei inter. Serviced, nyu niud, nattery & ures. Performed U-Ues, Lemmo & inser a de linear year since of all gers Insp ELT & battery (0.4-21) & FAR 91,207 Date (0.918). Compiled with S. B. 456 (guidon switch). Performed personal performed personal persona genr insp ELLI & oatery (04-41) & FAR Y1.01 Date (03/18). Complied with S. B. 636 (Ignibon switch). Performed retraction test and emergency gear extension. Complied with Piper Aircraft S.B. #1309 with no defects noted, Complied with remaction text and emergency gear extension. Compiled with reper Aircraft S.B. #1309 with no detects noted, Compiled with Piper Aircraft S.B. #1313 with no defects noted. Tighten and secured nav light switch back lighting hardware, removed and Priper Acceptable, 23.6, #13.13 with no oetects noted. Lighten and secured nav light switch cacks lighting narroware, removed and replaced. It is purposed over no nd, itsalided missing otter pion on RMG center torque link. Cleaned and libbed RMG 3-hook and installed new holt and secured with cather pine. Cleaned and libbed RMG side torque link. Cleaned and libbed RMG side torque link.

torque link, Cleaned and lubed RMG J-hook and installed new bolt and secured with cotter pins, Cleaned and lubed RMG is brace hardware and re-secured with new cotter pin. Lubed N.G. left hand trunnion bolt hardware. No further defects noted

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on fill et the Sepair Station under this work order. WO 8 RMS 2018 001880 Date 91/16/18 N3XR816N 1619

You Dickerson

MAINTENANCE LOG TACH OR HOBBS

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

N110ER

TIME:

Tach Time: 138.6

Total time: 2754.6

Removed equipment: GDL88D UAT ADSB traffic reporting system, P/N: 011-02372-00, S/N: 22W000749. Installed P/N: 011-02372-00, S/N: 22W000769.

Performed system configuration and ground check-out IAW GDL88 Installation manual 190-01310-00

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this WO # RM8201800354 Date: 01/24/2018

Repair Station N3XR816N AIRFRAME ACTT: 2757.2 NIIOER

AIRCRAFT AVIONICS WORKS Aircraft Log

A/C Reg#: N51WE A/C Serial#: 2844148 A/C Model: PA-28R-201

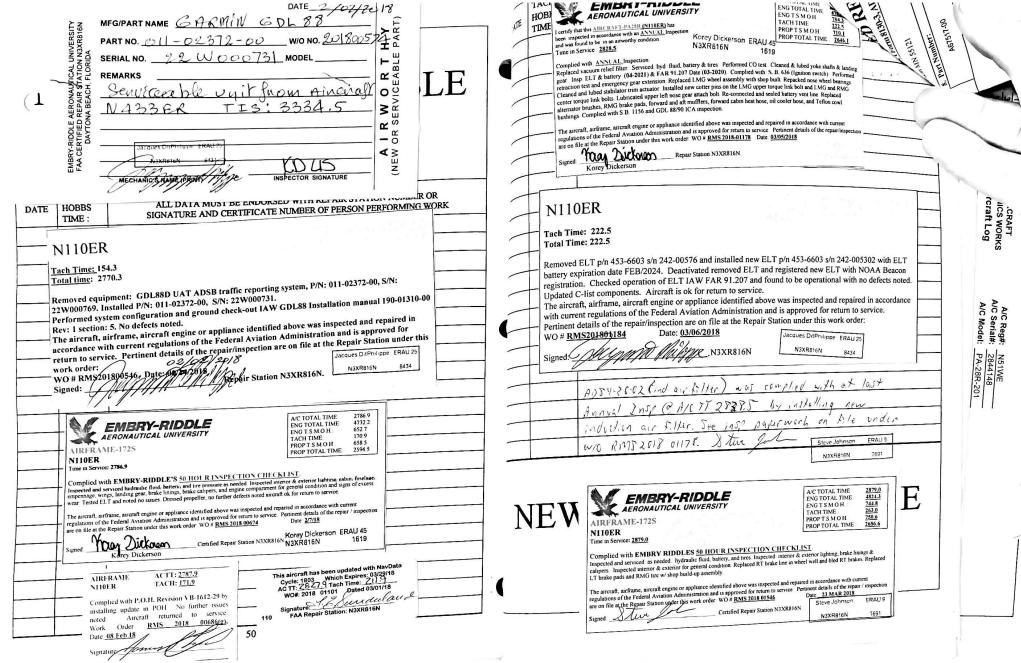
TACH: 141.2 Complied with A.D. 2018-02-05 by completing S.B. 1309 dated 10 Oct 17. Placards are correctly installed on fuel selector panel. No further issues Aircrast returned to service Work Order: RMS 2018 00382, Date: 25 Jan 18

SAMUS S. FORD VEAU ID This aircraft has been updated with NavData Cycle: 1802 Which Expires: 03/01/18
AC TT: 2769.2 Tach Time: 153.2

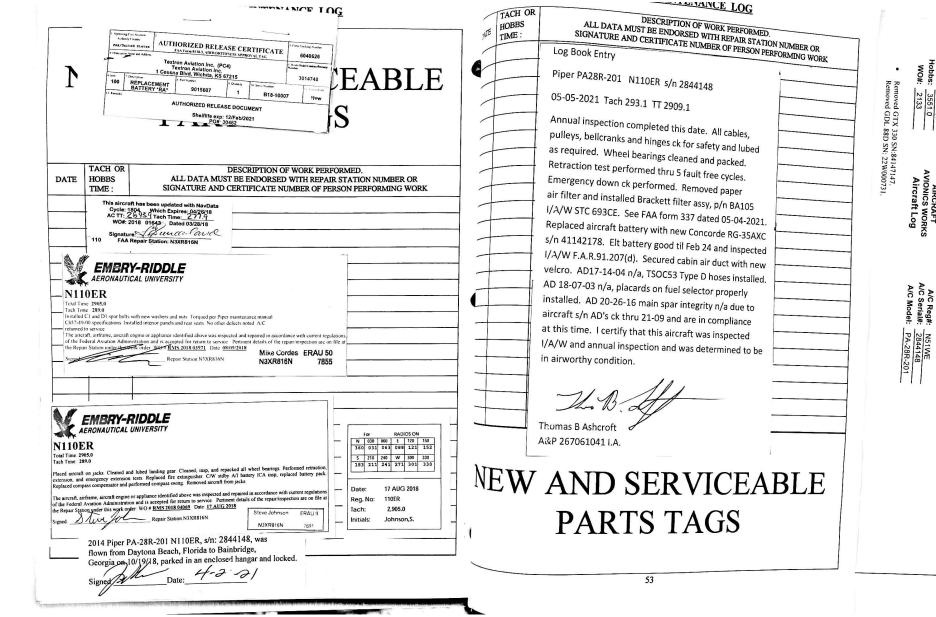
WO#: 2018 00483 Dated 01/30/18

Signature LE Servela Con S

NEW AND SERVICEABLE PARTS TAGS



PR.



NEW AND SERVICEABLE PARTS TAGS

DATE	TACH OR HOBBS TIME :	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK			
			fter's Refinishing		
		DATE	June 14, 2021		
	+	MAKE	PIPER		
		- MODEL	ARROW		
		REGISTRATION	N51WE		
		SERIAL NUMBER	2844148		
		PRIMER	IMRON EPOXY PRIMER 13550S		
		PRIMARY COLOR	IMRON AF402 MATTERHORN WHITE		
		- PAINTED BY	AIRCRAFTERS REFINISHING, LLC		
		PRIMED AND PAINTED V SECONDARY FLIGHT COI CONTROLS WERE CHECK	IPPED, SANDED, ACID ETCHED AND ALODINED, WITH THE ABOVE COLOR(S). THE PRIMARY AND NTROLS WERE REMOVED. THE PRIMARY FLIGHT KED FOR BALANCE BEFORE INSTALLATION. ALL WORK CORDANCE WITH MANUFACTURER'S MAINTENANCE		
		SIGNATURE	12 ml W		
		LICENSE NUMBER	193-50-0760		

AIRFRAME MAINTENANCE LOG

Date: 11-8-21 Hobbs: 3551.0 WO#: 2133

AIRCRAFT AVIONICS WORKS Aircraft Log

A/C Reg#: N51WE A/C Serial#: 2844148

A/C Model: PA-28R-201

Removed GTX 330 SN:84147147.
 Removed GDL 88D SN: 22W000731.

- Installed GDL 88 SN: 22U000935.
 Installed GTX 330 SN: 84129142.
- Using guidance from STC NO. SA01714WI. STC NO. SA02119SE.

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

Signature: Trovice Grathe AP3574569

201, RT201T, 140, 180, 150, 160, 151,

80T, 236

AIRFRAME MAINTENANCE LOG

		THE RENTE WHENT	EATHER EGG	
~ ~		Aircraft Registration Number: N51WE Butler Work Order Number: MS20440 Repair Station Work Order Number: 83187	18 November 2021 Repair Station #TF2R185L	_
N	Ł	The aircraft identified in this entry has been repair regulations and has been found airworthy and may the work performed. Additional details of the rep	y be returned to service with respect to	Æ
		Aircraft certified to 20,000ft per FARs 91.411, 91 Altimeter GDC-74, S/N 20618377. Secondary A Altimeter 5934P, S/N 457356. Transponder GTX	ltimeter G5, S/N 4JQ050826. Standby	
	TAC	11 1		
DATE	HOB	Signature //		
	TIME	Repairman #4391946	,	RK
		West Aircraft Maintenance	Make: Piper Model: PA-28R-201	
	Ť	280 Gardner Dr New Century KS 66031 1913/0245/0	Tail: N51WE S/N: 28-44148	
	+	Hours: Tach 3/30	SM. IV-FIN	
	ŧ		ed LG system w/ 5606 and cycled gear 4x. Inspected	
	+	Hydraulic reservoir vent/dipstick found overlightened. Service system for leaks with no issues found. Bled air from RH brake completed. Work done IAW PA-28R-201 AMM.		_
	+	Signed: Name: Justin Pate	Cert: Mechanic 4391662 AP Date: 12/09/2021	
		West Arroaft Maintenance 280 Gardner Dr	Make: Piper Model: PA-28R-201	
		280 Gardner Dr New Century KS 66031 1913/0245/0	Tail: N51WE S/N: 28-44148	
	_	Hours: AC TT 411.8		
		Completed 100 hr inspection IAW FAR 43 APPENDIX D. Set to applicable AD's due at this time. I certify this aircraft has been in has been determined to be in an airworthy condition.	ension on control surfaces IAW Piper AMM 27-00-00. No inspected in accordance with a 100 hr inspection and	
जानातात्त्व स्थापना वास्त्र वा	The state of		Cert: Mechanic 4457220 A	
		1	Date: 01/24/2022	
		1		
		Maintenance	Make. Piper	
7		Dr KS 66031	Model: PA-28R-201 Tail: N51W-	
1	1	ľ	S/N: 28-44148	
Jan 1	7	1		
2	- 1	g gear hydraulic pump P/N6362	294 with serviceable unit	
mussorden	型	Ь	Cert. Mechanic 3965513 AP	
(_8	F	ľ	Date: 02/15/2022	
		1		
	1			

AIRFRAME MAINTENANCE LOG

DATE	TACH OR HOBBS TIME:	ALL DATA MUST BE ENDO	ON OF WORK PERFORMED. RSED WITH REPAIR STATION NUMBER OR TE NUMBER OF PERSON PERFORMING WORK	ζ
		West Aircraft Maintenance 280 Gardner Dr New Century KS 66031 1913/0245/0	Make: Piper Model: PA-28R-201 Tail: NSIWE SN: 20-44148	
		Hours: AC 3121.2 TT 166.2 EngTT 3121.2 PropTT Completed Annual Inspection IAW FAR 43 Appendix 022024 and respected IAW FAR 91.20 (16) Legicly Inspection and has been determined to be an arrival inspection and has been de	No applicable AD's due at this time. ELT battery good till hat this aircraft has been inspected in accordance with an Appual.	
	-	EST West Artraft Maintenance 280 Gardee Dr. New Certury KS 56031 1913/0245/0 Tach 548 6 ACTT. 3164 6	Make: Piper Model: PA-28R-201 Tall: N51WE SIN: 28-44148	
	Perforn certify to condition Signed	felentito	s-26-201 AMM as guide no applicable AD's due, i and has been determined to be in an anworthy Cert: Mechanic: 3965613 AP IA Date: 03/31/2022	
	- ~	EST West Aircraft Maintenance 280 Gardier Dr New Century KS 66031 19137024570	Make. □per Model. □A.28∹.20 Tail: N5*W. SN. 2844*4H	
	Peri due con	Tochity that this aircraft has been inspected IAW a *	O using PA.2BR-201 AMM as reference. No applicable AD's — 00 hour inspection and has been determined to in airworthy.————————————————————————————————————	
] WEST	West Aircraft Maintenance 280 Gardner Dr New Century KS 66031 19137024570	Make: Piper Model: PA-28R-201 Taii: N51WE S/N: 28-44148	E
	Completed A 02/2024 insp	ected IAW FAR 91.207 (d) .I certify that this ai	applicable AD's due at this time. ELT battery expires rcraft has been inspected in accordance with an Annual	
		nd has been determined to be an airworthy cor Lew Little	oution. Cert: Mechanic: 3965513 IA	AP

AIRFRAME MAINTENANCE LOG TYPE ST Viest Aircraft Maintenance 280 Gardner Dr New Century KS 55031 Model: F'A-28R-201 N51WE 28-44148 Hours: AC 3460 1 TT 844 1 EngTT: 5405.5 SMOH 1325.3 Prop IT 3268.3 Hobbs: Misc Compileto Annual Inspection IAW FAR 43 Appendix D. No AD's due at this time. ELT battery expires 02/2024. ELT unster that IAW FAR 91.207 (d). Replaced RH brake limings PN RA066-14100. Learly that this aircraft has been inspected in pacticipation and not seen elementated to be an awardity condition. Cert: Mechanic 3965513 AP Agam Piepke Date: 08/23/2022 TACH OR DESCRIPTION OF WORK PERFORMED DATE **HOBBS** ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK TIME: TEST West Aircraft Maintenance Make: Piper New Century KS 66031 19137024570 Model: PA-28R-201 Tail: N51WF S/N: 28-44148 Hours: AC TT 888.4 EngTT PropTT, Hobbs, Misc. Replaced propelligir control rod and P/N 89307-000 Cert: Marhamir 4653415 A/D Name: Joshua Kenned Date: 09/21/2022 TEST West Aircraft Maintenance Make: Pipor New Century KS 66031 Model: PA-28R-201 Tail: N51WF Hours: AC 3,523.7 TT 907.7 EngTT 5.469.1 TSMOH 1,389.5 PropTT 1,395.3 Hobbs: 4 156.2 Misc. Performed a 100 HR inspection IAW FAR 43 Appendix D using PA-28R-201 AMM as reference. NO applicable AD's due ELI Dattery arpriss 02/2024. Replaced Voltage Regulator P/N B-003/1-1 S/N 60x99501. Replaced I H and RH man up Cert: Mechanic 4653415 A/P Joshua Kennegy Date: 09/30/2022 TATEST West Aircraft Maintenance Model: PA-28R-201 New Century KS 66031 Tail N51W S/N: 28-44148 Hours: AC: TT 987 0 EngTT. PropTT: Hebbs: Misc Removed electric fuel pump P/N B8120-G S/N 189598. Installed overhauled electric fuel pump P/N B8120-G S/N 59902. Form 8130-3 With log books Cert: Mechanic 4653415 A/P Date: 11/04/2022

AIRFRAME MAINTENANCE LOG TACH OR DESCRIPTION OF WORK PERFORMED. DATE HOBBS ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR TIME: SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK Created 02/20/2023 N51WE Piper Arrow S/N 2844148. Engine 1 old 1007.50 TTIS 3623.50 New TT 3499.1 Removed and replaced tachometer P/N 599-282 Josh Kennedy #4653415 Date: 2/20/23 Signature: Created 03/14/2023 N51WE Piper Arrow S/N 2844148. Engine 1 3505.20 TTIS 6121.20 3030 9 Removed and replaced nose tire tube P/N GL-5067N. JAW PA-28R-201 AMM. Josh Kennedy #4635415 Date 3/14/23 Signature Created 05/22/2023 N51WE Piper Arrow S/N 2844148. Engine Removed Carmin CNS430 and installed Avidyne IFD 440 ops check good. Weight change Gregory Warton #3807766 !A A&P Date 5/22/23 Signature Created 05/22/2023 N51WE Piper Arrow S/N 2844148. Engine 1 3561.00 TTIS 3625.40 Removed Carnin GNS430 and installed Avidyne IFD 440 ops check good. Weight change is negligible and equipment list 9/22/23 10:33 AM leaking LH main tube - N51WE Piper Arrow Crented 09:22/2023 NS1WE Piper Arrow SIN 2844148. Engine 1:3645.40 IIIS Replaced Ir aking LH movin gear lube with new tube PINIGL-6020B 6:00-6 using Piper PA-28R-201 AMM section 7 as reference. Inflated tire assembly to 30PSI using Piper FA-28R-201 AMM section 2 as reference Gregory Warton # Date 9:22/23 September 3807366 At

NEW AND SERVICEABLE PARTS TAGS

Adam Piepke IA 3965513 Date: 1/24/23 Signature.

determined to be in an airworthy condition.

Created 01/24/2023 N51WE Piper Arrow S/N 2844148. tach: 1.003.9 TTIS 3619.9

performed an annual inspection IAW FAR 41 app. D and referencing piper pa-28r-201 AMM. no applicable AD's due, performed ELI inspection IAW FAR 91.207 (d), battery due 02/24, removed compass assys' and replaced with serviceble assyl from N15CH swing compass and updated deviation card, neplaced LH brinks linnings pin 66-105. replaced once gear up stop pin 379/0-005; replaced been nose gear door rod LH storks linnings pin 66-105. replaced nose gear up stop pin 379/0-005.

59



Created 11/14/2023 N51WE Piper Arrow S/N

ATTEM ABOUT BEAVEN

2844148. Engine 1 3662.80 TTIS 3727.20

Inspected Manifold pressure lines for security and integrity. Removed Manifold pressure/ fuel flow gauge and had gauge tested, cleaned and inspected by butter avionics. Work order from butter avionics was put with logbooks. Installed Manifold pressure/ fuel flow gauge with reference to Piper PA-28-201R AMM. Operational check satisfactory correcting manifold pressure discrepancy.

ABLE

IMBER OR MING WORK

Josh Kennedy A&P# 4653415 Date: 11/14/23 Signature:

TTIS 3741.40

Cleated 12/06/2023 N51WE Piper Arrow S.N 2844148. Engine 1 3677.00

Adjusted Up lock switch on NLG to extinguish gear unsafe light

Gregory Warton # 3807766 A&P Dale 12/6/23 Signature

Created 12 07 2023 N51WE Piper Arrow S/N 2844148. Linate 3677.00 TIS 3741.43 Adjusted Up lock switch the on NLC to extraguish geni unsafe light

Josh Kennedy AKP#4653415 Dase 12/7/23 Signature Josh

Circular 12/13/2023 N51WE Piper Arrow C.N 2844148. Engine 13683.40 TTIS 3747.80 Adjusted Up look switch talk on NTG to exarguish goar anside leght. Serviced ness Landing goar per PA-26R-291 CT 2-19.

Josh Kennedy AKIP\$4653415 Date 12/13/23 September Josh

Created 12/21/2023 N51WE Piper Arrow S N 2844148. Engine 1 3685.20

Removed hydraulic power park P/N 636294 S/N 38998005 and installed serviceable used power pack P/N 63G294 S/N 11108 per PA-28-201 29-10-00 opsileak check good. Replaced emergency valve P/N 89375-

000 ops/leax check good per PA-28-201 M.M. 29-10-00. Gregory Warton #3807766 A&P IA Date 12/21/23 Signature

Created 02/02/2024 N51WE Piper Arrow S.N 2844148. Engine 1 3692.70

N NUMBER OR

FORMING WORK

TTIS 3757.10

Completed annual/ 100 Hour inspection as per FAR part43 appendix D and referencing PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-02. . Performed ELT check per FAR 91.207(c) ops check good no defects noted. Replaced ELF battery w/new P/N 452-6499 battery due 04/2000. Replaced dome light w/new P/N: 1414. Tightened alternator belt per PA28R-201 M,M, 24-39-00. Replaced NLG drag ink bolt w/new P/N NAS464P4-27 per PA28R-201 M.M. 32-20-00. Replaced #1 exhaust riser w/new P/N Au7409-000 per PA28R-201 M.M. 78-00-00. Replaced fuel drain valve winew PIN 24995-00. Re-rigged rudget control system per PA28R-201 M.M. 27-20-00. Replaced both main cabin door pins winew P/N (4520392-3C13, Serviced R/H, MLG stritt w/ nitrogen per PA28R-201 M.M. 12-10:00, Replaced R/H brake Litiner O-ring P/N, MS28775-222 per PA26R-201 P/N, 32-40-00, Replaced R/H brake linings winew P/N. APSAID-10500 per PA28R-201 M.M. 32-40 00.1 certify that this aircraft has been inspected in accordance with an annual/100 hour inspection and was determined to be in airworthy condition.

Gregory Warton #3807766 A&P IA Date 2/2/24 Signature

Created 02/29/2024 N51WE Piper Arrow S.N 2844148, Engine I 3729.40 IIIS 3793.80 Replaced throttle control cable wilnew P/N MC455-122 per PA28-201 M M 73-20-00. Bled brakes per PA28-201 M M

Gregory Warton # 3807766 A&P IA Date 2/29/24 Signature

Created 03/06/2024 N51W, per arrow 3.18 28441-1 3731.00 TTIS 3795.40

Replaced 3 cracked brake master 90 degree large co-pitot RH outper 5 and lower, with serviceable fittings P/N AN9 Peplaced leaking RH tue valve with new valve P/N CCA-2500, All with the using Piper PA-28R 2 1 4 1 4 2

Landon Reeder A&P Pending Date 3/6/24 Signature.

NEW AND SERVICEABLE **PARTS TAGS**

AIRFRAME MAINTENANCE LOG

ATTITUTE A STEP

1	IE W	V AND SERVIC	EABLE
		PARTS TAG	Adjusted afternal owen Fortney
			# AAP 443007024
DATE	TACH OR HOBBS TIME :	DESCRIPTION OF WORK PERFO ALL DATA MUST BE ENDORSED WITH REPAIR SIGNATURE AND CERTIFICATE NUMBER OF PER	STATION NUMBER OF
	K		SON PERFORMING 10 430224 Semilul
. 3:	773.40 TTIS:	reated 03/27/2024 N51WE Piper Arrow S/N 2844148. Engine 1 3837.80	Chapter of
R	esearched AD's	IR inspection IAW FAR 43 app D referencing PA-28R-201 AMM 5-20-00 ithrough bi-weekly report 2024-06. Removed and replaced static wick on v10-96. Replaced RH gas tank gasket P/N 05-18500	1 2844148 4-35-00 ar
1.0	certify that this	aircraft has been inspected in accordance with a 100 Hr inspection and to be in airworthy condition.	
Jo	osh Kennedy	A&P#4653415 Date 3/27/24 Signature	3815.40
K			// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
AITOW A VIV. PA	nator Aero, Tech Har -28R-201 Revision	14 NSTWE Piper Arrow S/N 2844148. Engine 1 3816.10 TTIS 3880.50 morel P.N. Al X8521 S/N H-PUSCITZ Installed Allerands Installed Allerands Associated Association No. 112 PS20015 Chapter 24-30-00 Adjusted belt tension IAV Lyconning Service Instruction No. 112 Date. 5/2/24 Signature	29D - 38
1	1	work working	Ops check good
	51WE utler Avionics,	Date - 06/10/2024 Station #TF2R185L	* 9900
Fec deta Ren	deral air regula ails of the repa noved existing	or component identified were repaired in accordance with current ations and were found airworthy for return to service. Pertinent air are on file at this agency. g GMU44 and replaced with P/N: 011-00870-00 S/N: 47511785 G5 to software 8.26 FTOK	
	ature #MS25910/84	Repairman #2347550	

AIRFRAME MAINTENAN

COLOR

Created 06/19/2024 N51WE Piper Arrow S/N 2844148. Engine:

TTIS 3911.8 Removed tachometer P/N: 599-282 Model: 3310-00001 and Installed tachometer P/N:

2801-0035. S/N: 47850. IAW PA-28R-201 AMM. New tach time is set to zero. Ops check good. Old tech time 3847.4. Owen Fortney #A&P 4429081 Date: 6/19/24 Signature: Chanton

INOPED Electricis outen trans

N51WE Butler Avionics, Inc.

Date - 09/13/2024 Station #TF2R1851. REFORMING WORK

BLE

The aircraft and/or component identified were repaired in accordance with current Federal air regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Removed existing servo P/N: 011-02927-11 S/N: 5G9017223. Installed P/N: 011-02927-21 S/N: 5G9018243. FTQK

Signature 2

WO#MS26560/84888 Dave Hayden Repairman #2537976

Tuesday 10/15/2024 N15WE Piper Arrow S/N 2844148 Tach 214 TJIS 3933.2 Complete 100 Hour Inspection IAW EAR 43 app D referencing PA -28R -201 AMM 5-20-00. Researched ADs through bi-weekly reports 2024-20 None applicable. Removed Garmin, 340 P/N 011, 00401, 10 and installed Garmin, 342 which supersedes the 340. The Garmin, 342 P/N, 010, 01319-13 opsicheck good. Removed and replaced induction air filter P/N. BA 10. Removed and replaced stabilator pulley P/N. 63955-010 IAW section.

27 of AMM. Removed and replaced L/H brake pads P/N 66-105 IAW section 32 of AMM. Licertify that this aircraft has been inspected IAW a 100 Hour inspection and was determine to be in airworthy condition

Owen Fortney A&P Date 10/15/2024 Signature Owen Forther

N51WE Butler Avionics, Inc.

Date - 01/23/2025 Station #TF2R185L

The aircraft and/or component identified were repaired in accordance with current Federal air regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Aircraft certified to 20,000ft per FARs 91.411, 91.413, 43 Appendix E&F. Primary Altimeter GDC-74, S/N 20618377. Secondary Altimeter G5, S/N 4JQ050826.

Standby Altimeter 5934P, S/N 457356. Transponder GTX-330, S/N 84129142.

Signature _Repairman #2537976 WO#MS27090/85095 Dave Hayden

CONT CIVAL

NEW AND SERVICEABLE PARTS TAGS

DESCRIPTION OF WORK PERFORMED.

TACH OR

DATE	HOBBS TIME :	A. SiG	LL DATA MUST BE ENDORS	SED WITH REPAIR STATION N E NUMBER OF PERSON PERFOR	UMBER OR RMING WORK	
	KE:	310.	NATURE AND CERTIFICATE	THOMBER OF TELEGOTTES		
	Created: 03/21/202 S/N: 2844148 Tac	5 Aircraft Registra h: 47.50 TTIS: 395	ation Number: N51WE Make: Piper M 9.10 Hobbs: 4686.7	lodel: PA-28R-201 Arrow		
	weekly report 2025 charts. Replaced 4 bearings P/N 452-4 Removed and replated 57812-00AWL. 78 -bushing P/N J-961. 201R AMM, Perfor 05301 for repair. w 3/21/2025. ELT referging run up and	-05. No applicable A Panel light bulbs P/I I3 and verified corru aced alternate air do ced air box assembly -00-00. Replaced to med 91,207 ELT che rith reference to 14 C moved placard has b ops check, no defer	N 08-13127. Replaced 2 static wicks P/N oct operation. Work completed with refere or cable P/N MC554-130. Removed and rywith serviceable used air box P/N 67616 p heat shroud P/N A99600-800. Removed to Piper PA-28-201R AMM 71-10-00. Wo cak found G switch to be inoperative. Ren S/R 91.207(f)(10)(ii) aircraft can continue oen installed in aircraft with reference to its noted	Piper PA-28R-201 Arrow AMM ubrication 11-12511. Replaced both/2 trim barrel ence to Piper PA-28R-201 AMM 27-30-00 replaced both the front and back muffler P/N 6-000. Replaced #3 exhaust stack P/N d and replaced bottom right rubber engine rick completed with reference to Piper PA-28- noved ELT ME406 P/N 453-6603 S/N 242- e to be operated for 90 days as of this date previously cited regulation. Performed		
	I certify that this be in an airworth	airframe has been i y condition.	inspected in accordance with a 100 ho	ur inspection and has been determined to		
	_Logan Baker 🔺	&P 4638550 Date	: 3/21/25 Signature:	>		
	_					
	Airframe					1
	Date: 3-2	21-2025	N451WE s/n 2844148	Tach: 47.5 TTAF: 3959.1		
	bi-weekly I certify t	r. ELT remove this aircraft has	d at this time. See previous k	ice with an Annual Inspection ar		*
			<i>V</i>			\dashv
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			64			
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Created: 04/29/2025 Aircraft

Registration: N51WE Make: Piper Model:

PA-28R-201 Arrow

S/N: 2844148 Tach: 47.50 TTIS: 3959.10 H

obbs: 4686.7

During 100 hour inspection the ELT "G" switch was found to be inoperative. Installed overhauled ELT ME 406 P/N: 453-6603 S/N: 242-05301 IAW reference to Piper PA-28-201R AMM and Performed ELT check IAW 91.207. OPs check good. Removed INOP placard. Exp: 04/2030

Owen Fortney A&P # 4429081 Date:

4/29/25 Signature;