

TEMPEST
Air Filter Change Reminder
Installed at: 564.0 Hrs. Change at: 1064.0 Hrs.
Date _____
AIA Aero Accessories, Inc.

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

AIRCRAFT DATA

1. Nationality & Registration N316EF
2. Manufacturer's Designation
(Make & Model) PA28R-200
3. Manufacturer's Serial
Number 28R-743512
4. Type Approval or
Specification Number _____
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____



Section 1: Airframe Log

DATE	AIR TIME	LANDINGS / CYCLES
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N316EF February 23, 2015 Airframe Log

Tachometer Reading: 2,914.34 Hobbs 0110.0 AFTT: 5,519.34

Make: Piper Aircraft Corporation. Model: PA-28R-200 S/N: 28R-7435172

Annual inspection in accordance with scope and detail of appendix D of part 43 to code of Federal regulations chapter 14.

- Aircraft painted. Scuff & Paint very light coat of white. Registration numbers replaced changed from N400PM to N316EF. Standard 12 type black in color decals.
- Engine removed from aircraft and sublet to Exodus Air Service for overhaul due to metal chips found in oil filter & oil pump inlet screen. Engine reinstalled after overhaul.
- Propeller removed. Sent to Executive for flush & balance.
- Oil system, hoses & cooler flushed with new solvent.
- Propeller governor overhauled by Johnson & Sons propeller FAA RS # J3PR491J
- Hartzell Governor F-27A S/N: D557W
- Engine fuel injection controller removed and sent for in-service repair & bench re-calibration. Victor Aviation Services, Inc. FAA RS # BJ3R399L
- Part Number: 2524450-8
- Vacuum pump replaced with new Rapco RAP215CC S/N A56498 pump.
- Vacuum regulator filter replace with new ARB 3-5-1 & Central filter inspected. Air filter element replaced with new element.
- Pitch trim barrel and jack screw greased & all flight controls lubricated with LPS-1.
- Scat duct replaced between cowling and engine oil cooler with new ducting.
- Scat duct replaced between cowling and engine muffler mounted heater shroud with new ducting.
- Both landing light wires replaced with new wires and landing light changed to LED type.
- Communications radio number two removed. Open space covered.
- Plastic trim around right center window fiber glass repaired.
- Landing gear thoroughly cleaned, greased with AeroShell #5, and lubed with LPS 1.
- Landing gear extension and retraction performed through multiple cycles including three emergency drops. Everything functioned normal.
- Emergency Locator Transmitter (ELT) Inspected and operation tested in accordance with 91.207 (d). Battery expiration date: May 2015 All Found satisfactory.
- Piper Recurring AD 75-24-02. Complied with by checking rear seat attaching points per service letter No 764 & Paragraphs 1&2. Found sat factory. Next due 100 hours or next annual. Tach time 3,014.34 or annual 2016.
- Piper Recurring AD 95-26-13 Now terminated per paragraph (C). New oil cooler hoses installed.
- Type D. (Aviall)
- Bendix Recurring AD 76-07-12 R1 Complied with by operation test per paragraph 1.(a)(b)(c). Found to be airworthy. Next due 100 hours at tachometer time 3,013.34
- Recurring AD 99-24-10. Precise Flight, Inc. & 2005-11-05 C No longer applicable to this aircraft. Stand by vacuum system removed at this time.
- AD 2004-10-14C Due at any propeller strike or at engine overhaul.
- AD 2009-22-03 Complied with by Eddy Current Inspection per Hartzell SB 269 Rev.6. Next due 3,014.34 (100 Flight Hours).
- Recurring AD 2011-26-04 Complied with at this time by inspection of fuel injector lines and clamping. Next due 100 hrs or if any maintenance that effects fuel injector lines.
- Airworthiness directives checked and in compliance through 2015-04
- Ground ran for operation check and leak check. All checked satisfactory.

All work done in accordance with the appropriate chapter, page and section with Piper Maintenance Manual Part number

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Bruce Allen Bell AS&P 3444107 J.A. *Bruce Allen Bell*

Complied with AD 86-19-01 By inspection Per Para (1). No cracks or moisture/shield problems. Termination of AD at this time. Bruce Allen Bell 3444107 J.A. 2/23/2016

Section 1: Airframe Log

DATE	AIR TIME	LANDINGS / CYCLES
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N316EF February 23, 2015 Airframe Log

Tachometer Reading: 2,914.34 Hobbs 0110.0 AFTT: 5,519.34

Make: Piper Aircraft Corporation. Model: PA-28R-200 S/N: 28R-7435172

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 - Engine removed from aircraft and sublet to Exodus Air Service for overhaul due to metal chips found in oil filter & oil pump inlet screen. Engine reinstalled after overhaul.
 - Propeller removed, Sent to Executive for flush & balance.
 - Oil system, hoses & cooler flushed with new solvent.
 - Propeller governor overhauled by Johnson & Sons propeller FAA RS # J3PR491J
 - Hartzell Governor F-2-7A S/N: D557W
 - Engine fuel injection controller removed and sent for in-service repair & bench re-calibration. Victor Aviation Services, Inc. FAA RS # BJ3R399L. Part Number: 2524450-8
 - Vacuum pump replaced with new Rapco RAP215CC S/N A56498 pump.
 - Vacuum regulator filter replace with new ARB 3-5-1 & Central filter inspected. Air filter element replaced with new element.
 - Pitch trim barrel and jack screw greased & all flight controls lubricated with LPS-1.
 - Scat duct replaced between cowling and engine oil cooler with new ducting.
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 - Both landing light wires replaced with new wires and landing light changed to LED type.
 - Communications radio number two removed. Open space covered.
 - Plastic trim around right center window fiber glass repaired.
 - Landing gear thoroughly cleaned, greased with Aeroshell #5, and lubed with LPS 1.
 - Landing gear extension and retraction performed through multiple cycles including three emergency drops. Everything functioned normal.
 - Emergency Locator Transmitter. (ELT) Inspected and operation tested in accordance with 91.207 (d). Battery expiration date: May 2015 All Found satisfactory, ✓
 - Piper Recurring AD 75-24-02. Complied with by checking rear seat attaching points per service letter No 764 & Paragraphs 1&2. Found sat factory. Next due 100 hours or next annual. Tach time 3,014.34 or annual 2016.
 - Piper Recurring AD 95-26-13 Now terminated per paragraph (C). New oil cooler hoses installed. Type D. (Aviall)
 - Bendix Recurring AD 76-07-12 R1 Complied with by operation test per paragraph 1.(a)(b)(c). Found to be airworthy. Next due 100 hours at tachometer time 3,013.34
 - Recurring AD 99-24-10. Precise Flight, Inc. & 2005-11-05 C No longer applicable to this aircraft. Stand by vacuum system removed at this time.
 - AD 2004-10-14C Due at any propeller strike or at engine overhaul.
 - AD 2009-22-03 Complied with by Eddy Current Inspection per Hartzell SB 269 Rev.6.. Next due 3,014.34 (100 Flight Hours).
 - Recurring AD 2011-26-04 Complied with at this time by inspection of fuel injector lines and clamping. Next due 100 hrs or if any maintenance that effects fuel injector lines.
 - Airworthiness directives checked and in compliance through 2015-04
 - Ground ran for operation check and leak check. All checked satisfactory.
- All work done in accordance with the appropriate chapter, page and section with Piper Maintenance Manual Part number

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A.

Bruce Allan Bell

Complied with AD 80-19-01 By inspection Per Para (1), No cracks or muff (eshroud) problems. Termination of AD at this time Bruce Allan Bell 3444107 A&P IA 2/23/2016

	COMPLETED	DUE	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
ANNUAL	February 23, 2015	March 1, 2016 3/1/2016		
100 Hrs	2914.34	Tachometer: 71.79 AFTT: 5,619.34		
91.411 & 413.	7/16/2014	7/31/2016		
Recurring Airworthiness Directives. AD 2013-02-13	11/21/2013	11/21/2020 1874.25		
AD 75-24-02	Make sure rear seat belts are buckled.	Each preflight & 71.79		
75-24-02 76-07-12 R1 2009-22-03 2011-26-04	Old Tach. 2914.34	Tachometer. 71.79		
ELT Battery	6/27/2011	5/31/2015 ✓		

*Note: New 0000.0 Reading Tachometer Installed
4/15/2015 at Airframe Total Time: 5547.55
TACH 2942.55
New Tachometer range markings painted on face from
specifications found in Pilot's Operating Hand Book.
Propeller and propeller governor adjusted and aircraft test
flown to ensure engine RPM within normal range.
This Aircraft is returned to service 4/16/2015 at airframe
Total time: 5547.55.
Bruce Allan Bell A&P 3444107 T.A.
Bruce Allan Bell*

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Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL
 Serial No. FN-381443 was manufactured new on 22 Sep 2014
 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
 Supplement No. 7 in accordance with Sky-Tec's
 FAA-Approved Quality System (14CFR Part 21, Subpart K).
 This article has been determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Starter Installed on N 316EP by Bruce Allen Bell
 (Aircraft) (Mechanic)

Tachometer 1 6055 3444107 A20 SA
 4/22/2015

Form CC1109-1

ACR ELECTRONICS, Inc.
 Artex Products - CAGE Code 18560
 Fort Lauderdale, FL 33312
 LOG BOOK ENTRY
 E.L.T. BATTERY
 REPLACEMENT DATE Dec 2021

N316EF Airframe Log.

June 17, 2015

Make: Piper Aircraft Corporation. Model: PA-28R-200 S/N: 28R-7435172

- Emergency Locator Transmitter in unit battery replaced with new battery.
- Emergency Locator Transmitter. (ELT) Inspected and operation tested in accordance with 91.207 (d).
 Battery expiration date: Dec 2021 All Found satisfactory,
 Bruce Allan Bell A&P 3444107 I.A. *Bruce Allen Bell*



Make: Piper
 Model: PA
 Airframe Total

Annual inspection in accordance with 91.403-1

- Protect ignition lead by adding a bit of zip ties.
- Fuel strainer disassembled and safety wired per Piper instructions.
- Engine mounted fuel filter replaced.
- Oil cooler cleaned and water flush of and a bit of dirt.
- Repair throttles, carburetors, swivels and telescopes.
- Re-route right battery cable against cylinders.
- Secure wire in left panel.
- Install clock in left panel.
- Re-make and install battery cables.
- Torque checked in box area.
- Cleaned corrosion in spar box area.
- AD 76-07-12 R1. Operation tested. 170.0 Tachometer.
- AD 75-24-02. Check release tension. Also at each propeller latch together.
- AD 2004-10-14. Propeller struts.
- AD 2013-02-13. 11/21/2020 when.
- Pitot / Static.
- Removed left extended use. serviceable.

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 TOTALS

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Encore FLIGHT ACADEMY

Airframe Log: N316EF

August 5, 2015

Make: Piper Aircraft Corporation.

Model: PA-28R-200. S/N: 28R-7435172

Airframe Total Time: 5,617.55 Tachometer: 70.0

Annual inspection in accordance with scope and detail of FAR 43 Appendix D.

- Protect ignition leads from chafe damage at various points by adding a bit of rubber hose over wires and securing with zip ties.
- Fuel strainer disassembled for inspection, resembled and safety wired per Piper Service Letter # 1141.
- Engine mounted fuel screen and injectors cleaned.
- Oil cooler cleaned with solvent then followed up with soap and water flush of exterior portion and fin area. Had Bugs and a bit of dirt found in fins.
- Repair throttles cable at servo at outer sleeve where it swivels and telescopes.
- Re-route right baffle inner tie wire to tighten baffles up against cylinders more.
- Secure wire in left wing root area. Inboard most inspection panel.
- Install clock in right side of instrument panel.
- Re-make and install operations placard.
- Torque checked hydraulic line fittings and "B" Nuts in spar box area.
- Cleaned corrosion from aileron cable turn buckles with in spar box area.
- **AD 76-07-12 R1.** Complied with by test of ignition switch. Operation tested satisfactory. 1. (a) (b) (c). Next due at **170.0 Tachometer Time.**
- **AD 75-24-02.** Complied with by inspection of rear seat release tension. 100 hrs respective inspection (**170.0 Tach**) Also at each preflight check rear seat lap belts to be latched together when seats un-occupied.
- **AD 2004-10-14 C** not applicable at this time. Do at any propeller strike or sudden stoppage or engine overhaul.
- **AD 2013-02-13** Due at Airframe Total Time: **7421.8** or **11/21/2020** whichever comes first.
- **Pitot / Static due August 1, 2016.**
- Removed left main landing gear tire and flipped over for extended use. Worn on outside edge but inside edge serviceable. Cleaned and repacked wheel bearings.

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Section 1: Airframe Log

DATE	AIR TIME	LANDINGS / CYCLES
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Encore
FLIGHT ACADEMY

- All brakes inspected and found almost new.
- Aircraft jacked, landing gear lubricated and operation tested satisfactory. Hydraulic reservoir was found full.
- Emergency Locator Transmitter tested in accordance with FAR 91.207(d) and battery expiration date of December 2021 is marked on case per FAR 91.207(c).
- All Airworthiness directives checked and in compliance through 2015-15.
- Engine mixture leaned slightly at idle.
- Ground ran for operation check and leak check. All checked satisfactory per:
Piper Aircraft Corporation Pilot's Operating Handbook for PA-28R-200.

I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 T.A.

Bruce Allan Bell

Airframe Log: N316EF

August 11, 2015

Make: Piper Aircraft Corporation.

Model: PA-28R-200. S/N: 28R-7435172

Airframe Total Time: 5,626.65 **Tachometer:** 79.1

Replaced Bendix ignition switch with TCM ignition switch, Part Number: 10-357210-1.

Replaced Co-Pilots shoulder hardness with Pacific Science, Part Number 1106222-1.

Placarded DME circuit breaker "INOP", and collared.

The ADF circuit breaker placard was blacked out because it shares the same circuit breaker as the Marker Beacon.

Placarded Pitch Trim Switch "INOP".

Deactivated and placarded Lighting Detector "INOP".

All physical work performed by Kyle Blackburn A&P: 3768149.

Kyle Blackburn

PAGE
TOTALS

Airframe Log: N316EF

August 21, 2015

Make: Piper Aircraft Corporation.

Model: PA-28R-200. S/N: 28R-7435172

Airframe Total Time: 5,643.95 Tachometer: 96.4

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Replaced cabin door window in accordance with pages 1H17 through 1H19 of Piper Cheerokee Service Manual, Part Number: 753 586. Window made by Cee Baily's, Part Number: 364, Work Order: 15-0682.

All physical work performed by Kyle Blackburn A&P: 3768149.

Kyle Blackburn



Encore
FLIGHT ACADEMY

Jerry & Fran

Airframe Log: N316EF

November 3, 2015 Tachometer Time: 151.7

Make: Piper Aircraft Corporation.

Model: PA-28R-200. S/N: 28R-7435172

- Operate electric trim on, off, on, off, Spray LPS 1 on contacts and keep cycling until it started working again. Remove inop placards.
- Paint pitch trim indicator wire.
- Glue placards back down and install several screws that were missing from cabin trim.
- Fabricate cover plate for baggage compartment door lock cylinder and latch. Install with new screws. Paint inside bag door and make placard.
- Install two new P/N: 69790-000 bushing for engine cowling.
- Collar storm scope circuit breaker that is marked inop.
- Add Adel clamps and wire tires to make stand offs for places where engine control cables and hose were in contact with each other.
- AD 79-26-05 Found N.A. Subject part not installed.
- AD 78-25-03 Found N.A. Subject part not installed.
- AD 2001-23-17 Found N.A. by S.N.
- AD 98-21-21 R1. N.A. Effected part not installed. No Bob Fields Door seals installed on this aircraft.
- AD 2006-03-08 Found N.A. Effected part not installed.
- AD 2005-01-19 N.A. Effected part not installed.

Bruce Allan Bell 3444107 A&P I.A.

Section 1: Airframe Log



Encore
FLIGHT ACADEMY

16700 Roscoe Blvd. Van Nuys CA 91406

N316EF Airframe Log: November 20, 2015

Tachometer: 170.9 Airframe Total Time: 5,718.45

Piper Arrow: PA28R- 200 Serial Number: 28R-7435172.
Annual inspection in accordance with scope and detail of appendix D of part 43 to code of Federal regulations chapter 14.

- Aircraft sent to Santa Monica Propeller for AD 2009-22-03 I.A.C. with S/B 269. Hub crack inspection of propeller. Next due. Tachometer 270.0
- Left forward most cabin window replaced with new Plain Plastics window. New outside air temperate gauge with new unit part number: 10-15500 (-2716A).
- Install hardware to hold rear ICS Phone jacks into place.
- Battery cable ends cleaned.
- Replaced all brake linings with new.
- Replaced right main landing gear tire inner tube with new tube.
- Solvent wash landing gear, grease landing gear, lube with LPS 1. Swing landing gear and test landing gear extension. Top off hydraulic reservoir.
- Bushing at right front cowling and snap ring.
- Solvent wash engine cowling.
- Sand down paint and corrosion spots on engine mount then paint black.
- Case marked in accordance with FAR 91.207(c).
- Battery expires: 12/2021.
- Emergency Locator Transmitter. (ELT) Inspected and operation tested in accordance with 91.207 (d). All Found satisfactory.
- AD 75-24-02. Due at each pre flight. Make sure rear seat belts are latched together when seats not occupied.
- AD 75-24-02, 76-07-12 R1, 2011-26-04 complied with at this time and due next at 270.9
- AD 2013-02-13 Due at 11/21/2020 or AFTT: 7421.8
- Airworthiness directives checked and in compliance through 2015-23.
- Ground ran for operation check and leak check. All checked satisfactory.

All work done in accordance with the appropriate chapter, page and section with Piper Arrow Maintenance Manual.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A.

Bruce Allan Bell

316EF Airframe

Piper Arrow: PA28R-

Removed inoperative E
Model 1394T100-7Z S/N
Turn Coordinator P/N
Global Tech Instrumen
Station No. G30R208N.
Bruce Allan Bell A&P 3444107 I.A. *Ba*

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TOTALS

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NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA



Encore
FLIGHT ACADEMY

16700 Roscoe Blvd. Van Nuys CA 91406

316EF Airframe Log: December 7, 2015

Tachometer: 17

Piper Arrow: PA28R- 200 Serial Number: 28R-7435172.

- Removed inoperative Electric Gyro Corp. Turn Coordinator Model 1394TI00-7Z S/N: 9008-330 and installed Overhauled Turn Coordinator P/N 1394TI00-7Z S/N: 2312-423. Part from Global Tech Instruments Work Order 72835 FAA Repair Station No. G30R208N.
Bruce Allan Bell A&P 3444107 I.A. *Bruce Allan Bell*

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



Encore
FLIGHT ACADEMY

16700 Roscoe Blvd. Van Nuys CA 91406

Airframe Log

Aircraft Registration Number: N316EF

Date: February 3, 2016

Tachometer: 227.3 Airframe Total Time: 5,774.85

Piper Arrow: PA28R- 200 Serial Numbers: 28R-7435172.

- Replaced landing gear hydraulic power pack with overhauled unit from Power Packs Plus. Oildyne P/N: 108AMC19SP-AL-1VT S/N: 21102AY. FAA RS: TA 2R180L Work order: 21102.
- Removed all landing gear actuators. Resealed Nose landing gear actuator. (2) P/N: MS28(1)775-213,
- Drilled rivets at right landing gear actuator attaching bracket. Drive out pin that was frozen into place. Re riveted bracket back into place.
- Replaced all three rod end bearings P/N: 452-729.
- Reinstalled actuators.
- Replaced all down lock springs. (1)P/N: 67203-00, (2) 452-334, (1) 67203-00, (1) 487-484, (1)487-483, (1) 487-487
- Hydraulic Fluid reservoir filled with new 5606 fluid.
- Landing gear Extension and retraction checked multiple times, emergency extension checked, Landing gear left in the retracted position for an extended period of time to check for internal leaks. No leaks detected.
- Brakes relined as needed.
- Aircraft belly cleaned.
- Plane Plastics LTD. LH Bow P/N:160056, Trim Windshield: P/N: K67556-4, RH Bow P/N: K63149-21, Trim Windshield P/N:K63149-21, CVR Frame LH Fwd P/N: K79171-02

All work done in accordance with Piper Cherokee Service Manual Part Number: 753 586 Revision 1R950215 February 15, 1995

Bruce Allan Bell A&P 3444107 T.A.

Bruce Allan Bell

February 3, 2016

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TOTALS

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 21102		
4. Organization Name and Address: Pifer's Airmotive 1660 Airport Road Waterford, MI 48327			(248) 674-0909 Fax (248) 674-3538 Repair Station # TA2R180L		5. Work Order/Contract/Invoice No. 21102		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	OILDYNE HYD. PWR. PK.	108AMC19SP-AL-1VT	1	21102AY	OVERHAULED		
12. Remarks: OVERHAULED IN ACCORDANCE WITH MANUFACTURER'S SPECS							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: TA 2R180L	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): R. S. PIFER		14e. Date (dd/mm/yyyy): 04/JAN/2016	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							

NSN: 0052-00-012-9005

DATE	AIR TIME	LANDINGS / CYCLES
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Encore
FLIGHT ACADEMY

Airframe Log

Aircraft Registration Number: N316EF

Date: February 18, 2016.

Tachometer: 269.4 Airframe Total Time: 5,816.95

Piper Arrow: PA28R- 200 Serial Number: 28R-7435172.

Annual inspection in accordance with scope and detail of appendix D of part 43 to code of Federal regulations chapter 14.

- Aircraft sent to Santa Monica Propeller for AD 2009-22-03 I.A.C. with S/B 269. Hub crack inspection of propeller.
Next due. Tachometer 369.4
- Solvent wash landing gear, grease landing gear, lube with LPS 1. Swing landing gear and test landing gear extension. Top off hydraulic reservoir.
- Fabricate and replace landing gear hydraulic hard line from control valve to manifold under rear seat because of previous contact with aileron cable.
Landing gear tested multiple times. Emergency extension system tested.
- Install AN960-10 washers to act as shims at left aileron control rod aft attach point to aileron.
- Replace right main landing gear wheel brake lining Rapco P/N: RAQ66-105 (ACS P/N: 06-16955.
- Solvent wash engine cowling.
- Sand down paint and corrosion spots on engine mount then paint black.
- Case marked in accordance with FAR 91.207(c).
Battery expires: 12/2021.
- Emergency Locator Transmitter. (ELT) Inspected and operation tested in accordance with 91.207 (d). All Found satisfactory.
- AD 75-24-02. Due at each pre flight. Make sure rear seat belts are latched together when seats not occupied.
- AD 75-24-02, 76-07-12 R1, 2011-26-04 complied with at this time and due next at 369.4
- AD 2013-02-13 Due at 11/21/2020 or AFTT: 7421.8
- Airworthiness directives checked and in compliance through 2016-04.
- Ground ran for operation check and leak check. All checked satisfactory.

All work done in accordance with the appropriate chapter, page and section with Piper Arrow Maintenance Manual.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A. *Bruce Allom Bell*

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TOTALS

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA**Encore**
FLIGHT ACADEMY

16700 Roscoe Blvd. Van Nuys CA 91406

Airframe Log

Aircraft Registration Number: N316ET

Date: July 11, 2016.

Tachometer: 323.8 Airframe Total Time: 5,871.35

Piper Arrow: PA28R- 200 Serial Number: 28R-7435172.

50 Hour Inspection per Encore 50 Hour check list.

- Remove paint from Pitot tube.
- Repair broken cowl latch.
- Ground ran for operation check and leak check. All checked satisfactory.

I certify that this **aircraft** has been inspected in accordance with an **50 hour** inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A.

Bruce Allan Bell

Section 1: Airframe Log

DATE

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CARRIED FORWARD

24 Mo. PITOT, STATIC, ALTIMETER, TRANSPONDER CERTIFICATION

I certify that the Altimeter System and Altitude Reporting Equipment tests required by FAR 91.411 and 91.413 have been performed.

Tested to 20,000 ft.

Date 8-16-16

Signed Mike Wagner

FAA Repair Station # WZ2R284L

MIKE'S AVIONICS

(818) 780-5562

N 316EF

PITOT-STATIC,
ALTIMETER,
TRANSPONDER

[24 CALENDAR MONTHS]

NEXT DUE 31st AUG 2018

REPAIR ORDER

may need some work in future.

Paul

The work identified above was repaired and inspected in accordance with current Regulations of The Federal Aviation Administration and was determined to be air worthy and is approved for return to service.

Technician MM Inspector MM

Pertinent details of the repair are on file at this repair

station under Order No. 6332 Date 8-16-16

Signed Mike Wagner

MIKE'S AVIONICS

TOTAL PARTS REPAIR STATION

Gas, Gas @

Qts. Oil @

Lbs. Grease @

Total Gas-Oil-Grease

THIS IS YOUR INVOICE

Speedometer Reading

MAKE AND MODEL

Piper

OPERATION NUMBER

LUBRI-CATE

CHANGE OIL

24mo. Pit
Altimeter,
Encoded
Due.

24mo. Ca
Altimeter
errors of

RETAIN PARTS FOR INSPECTION ☐

ESTIMATE AMOUNT PARTS

FOR ORIGINAL ESTIMATE

PARTS

AUTHORIZED BY:

PHONE

LABOR

DATE

TEARDOWN ESTIMATE: I understand that my vehicle will be repaired within _____ days of the date shown above. I do not authorize the services recommended.

REVISED ESTIMATE:

ADDITIONAL PARTS

AUTHORIZED BY:

☐ IN PERSON

DATE

☐ PHONE #

ESTIMATE TOTAL

I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and permission to operate the car, truck, or vehicle herein described on streets, highways or elsewhere for the purpose of inspection. An express mechanic's lien is hereby acknowledged on above car, truck or vehicle to secure the amount of the repair bill.

Work Authorized By X

Delivered to

Date Promised

Date Delivered

PAGE TOTALS

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NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA



Encore
FLIGHT ACADEMY

16700 Roscoe Blvd. Van Nuys CA 91406

Airframe Log

Aircraft Registration Number: N316EF

Date: October 1, 2016.

Tachometer: 366.8 Airframe Total Time: 5,914.35

Piper Arrow: PA28R-200 Serial Number: 28R-7435172.

Annual inspection in accordance with scope and detail of appendix D of part 43 to code of Federal regulations chapter 14.

- Aircraft sent to Santa Monica Propeller for AD 2009-22-03 I.A.C. with S/B 269. Hub crack inspection of propeller. Next due. Tachometer: 466.8
- Replace brake lining Rapco P/N: RAQ66-105 (ACS P/N: 06-16955).
- Solvent wash engine cowling.
- Case marked in accordance with FAR 91.207(c). Battery expires: 12/2021.
- Emergency Locator Transmitter. (ELT) Inspected and operation tested in accordance with 91.207 (d). All Found satisfactory.
- AD 75-24-02. Due at each pre flight. Make sure rear seat belts are latched together when seats not occupied.
- AD 75-24-02, 76-07-12 R1, 2011-26-04 complied with at this time and due next at 466.8
- AD 2013-02-13 Due at 11/21/2020 or AFTT: 7421.8
- Airworthiness directives checked and in compliance through 2016-19.
- Ground ran for operation check and leak check. All checked satisfactory.

All work done in accordance with the appropriate chapter, page and section with Piper Arrow Maintenance Manual.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Bruce Allan Bell A&P 3444107 I.A.

Bruce Allan Bell

Section 1: Airframe Log



Airframe Log: N316EF

Date: 08/29/2017

TACH: 0464.5

Aircraft TT: 6012.05

Make: Piper Model: PA28R-200 S/N: 28R-7435172

Performed 100HR inspection in accordance with Piper Service Manual and FAR part 43 Appendix D.

Performed the following maintenance items,

1. Lubed all control surface cable pulleys, hinges, bell cranks and pitch trim jack screw.
2. Lubed main landing gear linkage.
3. Cleaned and checked fuel strainer.
4. Cleaned and checked boost pump screen.
5. Serviced aircraft battery, checked electrolyte level, charged battery and checked battery voltage.
6. Performed gear retraction and emergency extension test, all systems checked ok.
7. Replaced induction air filter with new Brackett air filter P/N BA-10.
8. Replaced right main gear brakes with new Rapco P/N RA066-10500.
9. Performed ELT check of Artex ME406 ELT P/N 453-663 S/N 188-09188 in accordance with FAR 91.207 (d).
Battery expiration December 2021.
10. C/W AD 2017-14-04 Oil Cooler Hoses. This AD has previously been complied with by installation of both oil cooler hoses with TSC-C53a, type D hoses dated 1/22/15. This action complies with paragraph (j)(1) of this AD, the requirements of this AD are now terminated. This AD supersedes 95-26-13, the repetitive replacement times are now terminated for this aircraft.
11. C/W AD 76-07-12 Bendix ignition switch, I/A/W with para 1(a)(b)(c) of AD. Switch checked ok, next due TACH 564.5 (each 100 hr.).
12. C/W AD 75-24-02 Loose seats, I/A/W para 1 of AD and Piper Service Letter No. 763. Retention is satisfactory. Next due at next annual inspection.

See AD compliance report for currency.

I certify that this AIRCRAFT has been inspected in accordance with a 100HR inspection and is determined to be in airworthy condition and is approved for return to service.

Michael Maisch
Michael Maisch
A&P3352212

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection per Title 14 CFR, Part 43 Appendix D, and is determined to be in an airworthy condition and is approved for return to service.

Anthony Ast
Anthony Ast
37379871A

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TOTALS

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Airframe Log: N316EF

Date: 04/02/2018

Tach: 564.0

Airframe TT: 6111.55

Make: Piper **Model:** PA28R-200 **S/N:** 28R-7435172

ELT BATTERY EXPIRATION DECEMBER 2021

Performed **100-Hour** inspection in accordance with Piper Service Manual and FAR part 43 Appendix D.
Performed the following maintenance items;

1. Lubed all control surface cable pulleys, hinges, bell cranks, pitch trim jack screw and landing gear linkage.
2. Cleaned and checked fuel screen.
3. Replaced instrument filter with new Tempest filter element P/N AA9-18-1.
4. Replaced vacuum regulator filter with new Tempest garter filter P/N ARB3-5-1.
5. Replaced induction air filter with new Brackett P/N BA-10.
6. Replaced right and left brake linings with new Rapco P/N RA066-10500.
7. Removed parking brake master cylinder and co-pilot left master cylinder. Disassembled, cleaned, replaced all seals and O-rings and reinstalled. Bleed brake fluid and replenished brake fluid reservoir.
8. Performed gear retraction and emergency extension test, all systems checked ok.
9. Performed **ELT check** of Artex ME406 ELT P/N 453-663 S/N 188-09188, in accordance with **FAR 91.207 (d)**.
10. **C/W AD 2018-02-05 Fuel Tank Selector Cover**, I/A/W para. (g) of AD and Piper Service Bulletin 1309, placards check ok, no further action required.
11. **C/W AD 76-07-12 Bendix ignition switch**, I/A/W with para 1(a)(b)(c) of AD. Switch tested ok. Next due TACH 664.0 (Each 100 hr.)
12. **C/W AD 75-24-02 Loose seats**, I/A/W para 1 of AD and Piper Service Letter No. 763. Seat retention checked ok. Next due at next annual inspection.

See AD compliance report for currency.

I certify this **Aircraft** has been inspected in accordance with a **100-Hour** inspection and is determined to be in airworthy condition and is approved for return to service.

Michael Maisch
Michael Maisch
A&P3352212

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection per Title 14 CFR, Part 43 Appendix D, and is determined to be in an airworthy condition and is approved for return to service.

Anthony Ast
Anthony Ast
3737987IA



**GERDES AVIATION
SERVICES**

FAA Approved Repair Station G3RR399J

IFR CERT. TESTS - The Altimeter / Static and Transponder Systems have been tested and inspected per 14 CFR 91.411 & 91.413. The systems were found to comply with 14 CFR 43, Appendix E & F to an altitude of 20,000 feet.

N Number 316EF Tach/Hobbs 0593.9 AGT H: 0839.7

Date 08-29-2018 Authorized Signature: *Chris Jones*

P.O. Box 2872 Fullerton CA 92837 Office (714) 525-7545

CA
FOI

TACH: 603.3

MAKE: PIPER
MODEL: PA28R-200
S/N: 28R-7435172

DATE: 02/28/2015
TACH: 603.3
Performed the following maintenance items in accordance with Piper Service Manual.
Replaced electrical system after electrical failure. Tested alternator, over-
voltage protection, and voltage regulator.

1. Troubleshoot aircraft electrical system after electrical failure. Tested alternator, over voltage control and voltage regulator. Found voltage regulator to be inoperable. Replaced voltage regulator with serviceable Lamar voltage regulator model B-00331-2.

2. Performed engine run-up, checked
Aircraft approved for return to service

--END

Michael Maisch
A&P3352212

TACH: 605.9

AIRFRAME TT: 6153.45

MAKE: PIPER
MODEL: PA28R-200
S/N: 28R-7435172

Performed 100-Hour inspection in accordance with Piper Service Manual and FAR part 43 Appendix D.

- Performed 100-hour inspection.
- Performed the following maintenance items:
1. Lubed all control surface cable pulleys, hinges, bell cranks, pitch trim jack screw and landing gear linkage.
 2. Performed gear retraction and emergency extension test, all systems checked ok.
 3. Performed 12-month ELT check of Artex ME406 ELT P/N 453-663 S/N 188-09188, in accordance with FAR 91.207 (d). ELT Battery expiration December 2021
 4. C/W AD 76-07-12 Bendix ignition switch, I/A/W with para. 1(a)(b)(c) of AD. Tested ok. Next due TACH 705.9
 5. C/W AD 75-24-02 Loose seats, I/A/W para 1. of AD and Piper Service Letter No. 763. Seat retention checked ok. Next due at next annual inspection.
 6. AD 2018-07-03 Fuel Tank Selector Cover, AD has been previously complied with in accordance with superseded AD 2018-02-05, I/A/W para. (g) of AD and Piper Service Bulletin 1309, placards check ok. no further action required.

See AD compliance report for currency
I certify this **Aircraft** has been inspected in accordance with a **100-Hour** inspection and is determined to be in airworthy condition and is approved for return to service.

Michael Maisch
A&P3352212

I certify that this **AIRCRAFT** has been inspected in accordance with an **Annual** inspection per Title 14 CFR, Part 43 Appendix D, and is determined to be in an airworthy condition and is approved for return to service.

Anthony Ast
3737987IA