



*The Standard*

# AIRCRAFT LOGS

ASA-SA-1

**Aircraft Record General Information**

Manufacturer P. PIPER Model PA 18A-150/180

Serial 18-6194 Registration Number N8481D

Date of Manufacture 1957

Engine(s) currently installed:

Manufacturer LYC. Model D360C2A Serial 1-8234-36A

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Propeller(s) currently installed:

Manufacturer SEA SWICH Model 76EM 8-0-56

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

YEAR:

2003

TOTAL  
TIME IN  
SERVICE

DATE  
3/6/03

6398

**Current Weight and Balance Information**

Empty Weight

1184

Empty C.G.

12.64

Useful Load

816 lbs

Remarks

C/L Range is  
14-20.



2003

YEAR:

RECORDING  
TASH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN

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

DATE

0.0

03/01/03

TT6398.0 Tach0.0

Airframe rebuilt. Tube frame cleaned primed & painted  
All flight controls cleaned & primed. All parts covered  
with Superflight #102 System IV. Aircraft was assembled  
using the following new parts & STC's; all new hwd.  
control cables, wiring, switchs, breakers, plumbing (fuel)  
glass (LP), interior (AIR-TEX), complete engine cowl, boot  
cowl, fairings, shock cords, brake pads & disc, engine  
inst. flight inst. tires, tubes, headliner.  
STC's B&C Starter & Oil filter, Interav Alternator, E.I.  
Tach, Fuel Flow, Oil Press/Oil Temp, engine analyzer,  
volt/amp meter, Cub Crafters fuel system, square inst.  
panel & baggage access door, Micro V.G. kit, Aero Fab  
harness & belts, Wipaire gross weight increase,  
Atlee Dodge battery rack, X-brace, float fittings, pilot  
floor mounted seat belt attachment, extended baggage  
and removable rear seat crossbar. Installed engine  
0360-C2A#L-8234-36A. (Note) See 337 & Dated 2/26/03 & 10/15/2



YEAR: \_\_\_\_\_  
 RECORDING TACH TIME \_\_\_\_\_  
 TODAY'S FLIGHT \_\_\_\_\_  
 TOTAL TIME IN SERVICE \_\_\_\_\_

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

5/3/04 67.1 6465.1

Removed inspection covers and checked the fittings for lubrication and proper oil.  
 checked engine cable tensions for engine (wire heavy), instrument on camp car on present  
 right side of harness (wire heavy), instrument on camp car on present.  
 TD aircraft cabin seat cable from chassis on present. removed  
 VSI and instrument O.H. bit part # SP 1403 serial # 2020. removed wheel  
 bulb in rubber with N/BE 93 bulbs. removed and cleaned wheel bulbs out  
 the wheel assembly. serviced engine with 8 quarts of AeroShell  
 100W oil. instrument new oil filter chamber CH48108 and UT ADAPT OLD  
 oil filter and checked for contaminants, OK at this time. checked  
 ELT for operation (not due again until 5/06) OK at this time. I don't  
 think I checked this before but been inspected in accordance with ANMM,  
 found OK and was determined to be in accordance with  
 for return to service. Michael N. Newman A/TA 2801322

YEAR: 1964  
 RECORDING TACH TIME  
 DATE 1/21/65

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

TODAY'S FLIGHT	TOTAL TIME IN SERVICE	
		Checked out the engine of STC 00035NY and found the the STC metal on plane 337 made this date to replace paper work that was lost. This change in work is to be done by ASP IT 450110622
		of metal work type 2 hours STC 574022 00AK. See 0337 This date. Reinspect and as per work log and manual. Log by ASP IT 450110634

3/12/65



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/19/05	158.9		6556.9	<p>Opened fuselage. Serviced all water  cables &amp; hardware. Inspected airframe.  TACI <del> </del> Panel inspection. All A.D.s  also done. Post show.</p> <p>"I certify that this <del>aircraft</del>  has been inspected  in accordance with <u>Annex L</u>  inspection and was determined  to be in airworthy condition"</p> <p>Paul G. ACP IA 450110634</p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 3/2/02	167.0			INSPECTED ASI 26004 TIRE AND TAILWHEEL ASSY. FAA 7014 201557NM. J. Duell McManus AFS 83842598
8/1/02	193.1	TCH	II 6591.1	Opened aircraft for inspection. Ops chkd all lites and lubricated all hinges and pullies. Renewed ELT and replaced batteries, ops chkd IAW FAR 91.207(d). Serviced all fuel screens and drains. Serviced brakes as needed. All AD's chkd and complied with as needed, compliance list in aircraft records dated 07/25/02. Aircraft test per with no leaks founds Aircraft returned to service.

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Prev.	Page	→	"I certify that this <u>Aircraft</u> has been inspected in accordance with <u>Approved</u> inspection and was determined to be in airworthy condition"
				<i>[Signature]</i>
08/01/02	TACH			Removed exhaust made by lending Edge Exhaust sys. under SIC# SA022004k. Installed standard exhaust to return to original SIC# SA00035NY. Weight and balance adjusted as needed. Aircraft returned to service.
	193.1			<i>[Signature]</i> A5002242

YEAR:	RECORDING TACH TIME	DATE
	TACH	10/22/09
	194	
	II	
	659	

YEAR: \_\_\_\_\_ RECORDING TACH TIME TODAY'S FLIGHT TOTAL TIME IN SERVICE

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

10/22/09

TRH

194.D

Deposited aircraft for inspection. Ops checked lights, removed ELT and tested TXN FRR 91207(2) Lubricated all hinges and pullies. Serviced all fuel screens and pins. All NIS checked and complied with as needed. Aircraft test ran with no leaks found. Aircraft returned to service.

6592.D

II

"I certify that this Aircraft has been inspected in accordance with 100 HR inspection and was determined to be in airworthy condition"

NR3032247

"I certify that this Aircraft has been inspected in accordance with FAA inspection and was determined to be in airworthy condition"

ABPA 45010634

YEAR:

DATE

11/11/10

TACH: 236.7

TT: 6634.7

N8481D

Repair

Depaneled aircraft for inspection. Lubricated all pulleys, hinges and control ends.  
 Removed ELT and tested IAW FAR 91.207(d). Serviced all fuel drains and screens  
 as needed. Removed original gear and installed F. Atlee Dodge 3" extended gear  
 IAW STC# SA02152AK. Removed original hydrosorbs and installed Alpha Omega  
 Suspension System IAW STC# SA02214AK. Weight and Balance adjusted  
 accordingly. Removed and replaced landing light as needed (4509). Repacked all  
 wheel bearings as needed. Checked brakes and linings and serviced as needed.  
 Greased all grease points as needed. All AD's checked and complied with as  
 needed: 68-05-01R1, 84-26-02. Aircraft test ran with no leaks found. Aircraft  
 returned to service.

"I certify that this  
 has been inspected  
 in accordance with FAA  
 inspection and was determined  
 to be in airworthy condition"

*[Signature]*

FAA

IA3032247

YEAR:

DATE

12/06/11

TACH: 257.4

TT: 6655.4

N8481D

Repair

Depaneled aircraft for inspection, lubricated all hinges, pullies and control ends. Removed ELT and tested IAW FAR 91.207(d). Serviced all fuel screens and drains as needed. Greased tail wheel and repacked main wheel bearings. Checked all lights and flaps as needed. All AD's checked and complied with as needed. Aircraft returned to service.

"I certify that this Aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition"

*[Signature]*  
 A&P-IA  
 450110634

YEAR:

DATE

01/15/13

TACH: 269.1

TT: 6667.1

N8481D

Repair

Depaneled aircraft for inspection, removed ELT and tested IAW FAR 91.207(d).  
 Serviced all fuel screens and drains as needed. Lubricated all pullies, hinges and  
 control ends. Removed paper air filter and installed new unit (88180). Serviced  
 brake reservoirs and checked linings. Greased tail wheel and lubricated trim  
 assembly as needed. All AD's checked and complied with as needed. Aircraft  
 test ran with no leaks found. Aircraft returned to service.

"I certify that this Aircraft  
 has been inspected Avv-1  
 in accordance with FAA  
 inspection and was determined  
 to be in airworthy condition"

IA3032247

YEAR:

DATE

YEAR:

DATE

01/16/14

TACH: 280.4

TT: 6678.4

N8481D

Repair

Depaneled aircraft for inspection, removed ELT and replaced batteries. Tested IAW FAR 91.207(d), reinstalled. Lubricated all pullies, hinges and control ends. Removed Rt fuel guage and replaced gaskets as needed. Removed main tires and repacked all bearings as needed. Serviced all fuel screens and drains as needed. All AD's checked and complied with as needed. Aircraft test ran with no leaks found. Aircraft returned to service.

"I certify that this Aircraft has been inspected in accordance with Aviation inspection and was determined to be in airworthy condition"

*[Signature]*  
 ASR-PA  
 45011863 &



YEAR:

DATE

01/29/15

TACH: 291.4

TT: 6689.4

N8481D

epair

YEAR:

DATE

Depaneled aircraft for inspection, removed ELT and tested IAW FAR 91.207(d).  
 Lubricated all pullies, hinges and control ends as needed. Serviced all fuel  
 screens and drains as needed. Removed and replaced both lower cowl mount  
 brackets with new Univair units. All AD's checked and complied with as needed.  
 Aircraft test ran with no leaks found. Aircraft returned to service.

"I certify that this Aircraft  
 has been inspected  
 in accordance with Avue  
 inspection and was determined  
 to be in airworthy condition"

IA3032247

YEAR:

DATE

02/02/16

TACH: 300.1

TT: 6698.1

N8481D

repair

Depaneled aircraft for inspection, removed ELT and tested IAW FAR 91.207(d),  
 reinstalled in aircraft. Serviced all fuel screens and drains as needed. Lubricated  
 all pullies, hinges and control ends as needed. Serviced brake reservoirs as  
 needed, checked all brake linings and rotors. Repacked all wheel bearings as  
 needed. All AD's checked and complied with as needed. Aircraft test ran with no  
 leaks found. Aircraft returned to service.

"I certify that this Aircraft  
 has been inspected Approved  
 in accordance with FAA  
 inspection and was determined  
 to be in airworthy condition"

IA3032247

YEAR:

DATE

02/08/17

TACH: 306.8

TT: 6704.8

N8481D

Depaneled aircraft for inspection, removed ELT and tested IAW FAR 91.207(d). Serviced all fuel screens and drains as needed. Ops checked lights and serviced brake reservoirs as needed. Repacked all wheel bearings and greased all points as needed. Lubricated all pullies, hinges and control ends as needed. Aircraft test ran with no leaks found. Aircraft returned to service.

"I certify that this Aircraft has been inspected in accordance with FAA regulations in inspection and was determined to be in airworthy condition"

*[Signature]*  
Aircraft

*[Signature]*  
FAA

FAA 332247

All AS's complied with this time

repair

YEAR:

DATE

03/01/18

TACH: 314.1

TT: 6712.1

N8481D

epair

Depaneled aircraft for inspection, removed ELT and tested IAW FAR 91.207(d),  
 reinstalled. Serviced all fuel screens and drains as needed. Lubricated all pullies,  
 hinges and control ends as needed. Removed and replaced inner race on left  
 main and both races on Rt main (P/N- 08231). Repacked all wheel bearings and  
 greased all points as needed. Removed and replaced "O" rings on both brake  
 callipers, serviced reservoirs as needed. Removed and replaced air filter with  
 new unit. All AD's checked and complied with as needed. Aircraft test ran with  
 no leaks found. Aircraft returned to service.

"I certify that this aircraft  
 has been inspected  
 in accordance with FAA  
 inspection and was determined  
 to be in airworthy condition"

IA503247

YEAR:

DATE

3/14/2019 Tach 320.7 TT 6718.7 N8481D

Opened for inspection, Serviced, lubed and inspected IAW an Annual. Replaced air filter, tested ELT, Cleaned and checked fuel drains and sumps. All AD's this date, see compliance report. Return to Service.

ADP TA 450 110434

"I certify that this AIRCRAFT has been inspected in accordance with AWM 09L inspection and was determined to be in airworthy condition"


or Rep

YEAR

DATE

N8481D 05/05/2020 TACH 328.5 TT 6726.5

Opened for inspection. Replaced two outboard ribs on right wing. Fabric was removed from wing tip and replaced IAW SuperFlite repair/cover manual. ELT tested and is due Dec. 2023. Replaced right fuel drain. Tension adjusted on trim jack screw.

"I certify that this Aircraft has been inspected in accordance with Avucal inspection and was determined to be in airworthy condition"

*[Signature]*  
AAR-JR 450N0634

or Repair

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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5-21-2023	Tach	335.9	TAFE 6733.9	Completed Inspection. Bearing's checked and serviced. Secured Tail Spring Attach. Replaced Two Access Plates Right Wing Inboard. Checked EGT Operation and Battery Date Per FAR 91.207D Battery Next Due 12-2023. See AD Compliance Report for complete listing.
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Date 5-21-21 Tach. Time 335.9  
 I certify that this DIRECT has  
 been inspected in accordance with  
 a General inspection and was  
 determined to be in airworthy condition"  
**DALE R. FAULKNER**  
A&P 19932521A Dale R Faulkner

American Legend Service Company  
1810 Piper Lane – Sulphur Springs, TX 75482 USA  
Phone: 903-885-7000

June 23, 2022

PA18A-150

New Tach: 344.1

N8481D

S/N: 18-6194

TTAF: 6742.1

1. All covers, and inspection plates removed, and aircraft was annual inspected in accordance with the FAR43, appendix D Inspection
2. Inspected brakes and serviced fluid Cleaned and re packed wheel bearings.
3. Checked aileron, rudder and elevator rigging.
4. Lubricated flight controls and pivot points.
5. Cleaned and drained all aircraft sumps.
6. All AD's checked and complied with as needed.
7. Installed Garmin GDL82, P/N 010-01560-31 and 011-03946-40, S/N 4PF009128, and GDL 50R, P/N 010-01561-10, S/N 4RF10101. Using Installation Manual 190-01810-00, Rev. 6. Installation per Garmin STC NO. SA02573SE. All wiring meets requirements of AC 43.13.1B chapter 11. Wiring was routed and secured as per AC 43.13.1B chapter 11. Used existing transponder circuit and confirmed appropriate per AC43.13-1B Chapter 11, Section 5&6.
  - Instructions for Continued Airworthiness & Maintenance Manual, GDL82, Garmin Document# 190-01810-00, Rev 6
  - Instructions for Continued Airworthiness & Maintenance Manual, GDL50R, Garmin Document# 190-02087-10, Rev 2
  - Installed Garmin GA35, P/N 013-00235-00 WAAS Antenna per installation instructions, Garmin 190-00848-00, Rev F
  - Airplane Flight Manual Supplement: Garmin Document # 190-0810-13
  - Airworthiness Limitations: No additional Airworthiness Limitations.
  - Change to Weight and Balance is negligible. Equipment list was revised
  - The above modification was found not to interfere with other installed systems and/or modifications and does not exceed 80% of generator output. No adverse interference to radios and navigation systems from RFI was found while operating the GDL82 and GDL 50R during the configuration process. The installed ADS-B IN and OUT systems was shown to meet the equipment performance requirements of 14 CFR section 91.227.





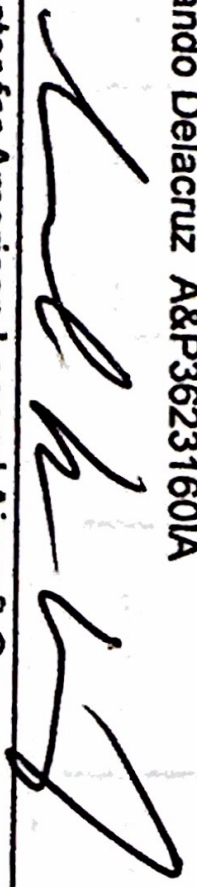
YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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*American Legend Service Company*  
 1810 Piper Lane – Sulphur Springs, TX 75482 USA  
 Phone: 903-885-7000

July 6, 2022  
 PA18A-150  
 New Tach: 344.1  
  
 N8481D  
 S/N: 18-6194  
 TTAF: 6742.1

- Installed F. Atlee Dodge Main Landing Gear Safety Cable Kit per STC Number SA02189AK. Part number: 3344 for PA18 with 3X style landing gear. Installation instructions using F. Atlee Dodge Drawing 3344-1 Safety Cable Kit Installation Instructions (3" Ext. Gear), Rev. A, Dated 12/07/18.

Armando Delacruz A&P36231601A



Inspector for American Legend Aircraft Company




June 12, 2023  
PA18A-150  
New Tach: 364.1

N8481D  
S/N: 18-6194  
TTAF: 6762.1

1. All covers, and inspection plates removed, and aircraft was annual inspected in accordance with the FAR43, appendix D Inspection
2. Inspected brakes and serviced fluid. Cleaned and re packed wheel bearings.
3. Checked aileron, rudder and elevator rigging.
4. Lubricated flight controls and pivot points.
5. Cleaned and drained all aircraft sumps.
6. Installed PN: 3232-2 shoulder harness attach bracket, per Ailee Dodge Drawing No 3232-1, Rev A.
7. Overhauled panel mounted compass under CRS:BX1R050K and W/O 23-0300. PN: 10062-1-B, SN: AF-43-227482.
8. Modified Magnesium Indicator under CRS:BX1R050K and W/O 23-0300. PN: 24100-6E-13-A1, SN: 13700
9. All seat belts removed from aircraft. Installed at both seat positions, Hooker Harness with inertial reel 4-point seatbelts. Installation of shoulder harness 1YR6124a30-4 and 1YR5324a30-4 and seat belt assemblies 11R36a12NP to STC fuselage attach points using AN aircraft hardware. Seat belts and harness kit meet FAA-TSO-C22f and NAS-802 requirements.
10. CMW AD 68-05-01 exhaust muffler inspection. AD's checked and compliance report provided to owner.
11. ELT functional test performed in accordance with 14 CFR 91.207(d). ELT Battery Exp date March/2029.

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be in airworthy condition.

Armando Delacruz (A&P36231601A)



Inspector for American Legend Aircraft Company

YEAR:

DATE

REC  
TAC  
TIME