

The Standard
AIRCRAFT LOG

ASA-CH-2

Aircraft Record General Information

Logbook # 3

Manufacturer Piper

Model PA-24-250

Serial 24-1916

Registration Number N6785P

Date of Manufacture 4/19/1960

Engine(s) currently installed:

Manufacturer Lycoming

Model O-540-A1D5 Serial L-2947-40C

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer McCawley

Model B3D32C412-C

HUB Model _____

Serial 971912

Serial _____

Blade Model G-82NDA-5

Serial RT014

Serial RT038

Serial RT040

Blade Model _____

Serial _____

Serial _____

Serial _____

YEAR
20 17
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.)

11/01

11/01/2017 N6785P Piper PA-24-250 Serial # 24-1916 Tach 212.0
6049.1 TTAF Annual Inspection

Installed new ELT batteries (expire 3/2022). This ELT has been tested and inspected in accordance with FAR 91.207 par d and found to comply at this time. Cleaned and packed wheel bearings. Installed O rings in right brake caliper. Installed Parker 199-587 brake disc upgrade kit in accordance with Parker Hannifin Service Bulletin No. SB7100. Lubed all pulleys, hinges, and rod ends. Complied with AD 61-16-06 To preclude future incorrect indexing of the fuel selector valve handle by inspection of valve handle shaft. Shaft has one different side to index handle. Complied with AD 68-05-01 Inspection of the engine exhaust muffler and shroud assembly by inspection of the muffler and muffler shroud. No defects noted. Due in 50 hours. Complied with AD 75-12-06 To detect cracks in the fin forward spar to fuselage attachment assembly by inspection. No defects noted. Due in 100 hours. Complied with AD 74-13-03 To prevent possible hazards in flight associated with the corrosion of the stabilator attachment bolts by inspection of bolts. Corrosion resistant bolts installed. Recurring inspections no longer apply. Complied with AD 75-27-08 To prevent possible hazards in flight associated with damaged rivets which attach the stabilator torque tube by inspection of rivets. No defects noted. Due in 100 hours.

(Cont)

Alterations

(ate Number of
specific entries.)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AD 77-13-21 to prevent collapse of the landing gear after manual extension part A is due at 6195.5 TTAF. Part B (bungees) is due at 6506.5 TTAF or 9/2019. Complied with AD 94-13-10 to prevent loss of control because of the looseness of the stabilator torque tube bearing support fittings by inspection. No defects noted. Due in 100 hours. AD 97-01-01 R1 To prevent main landing gear collapse caused by main gear sidebrace stud cracks is due at 6195.2 TTAF. Complied with AD 2012-17-06 To detect and correct corrosion or cracks in the stabilator horn assembly by dye penetrant inspection of the stabilator horn. No defects noted. Due in 5 years or 500 hours. AD 2015-24-05 To prevent loss of engine power due to fuel starvation does not apply due to airframe serial number. I certify that this airframe has been inspected in accordance with an Annual inspection and found to be airworthy at this time.

Richard C. Pahnke

YEAR

Sparkchasers Aircraft Services, Inc.

FAA CDS# XSPR098K

ALTIMETER CALIBRATION RECORD

Tested in compliance with Appendix E, Part 43, FAA Regulation

ALTITUDE	SCALE ERROR	FRICTION ERROR	Case Leak
-1000	0		10 ft/min
0	+5		
500	0		
1000	0		
1500	0	10	
2000	+5		
3000	+5	25	
4000	+5	25	
5000	+5		
6000	+10	25	
8000	+10		
10000	+15	30	
12000	+30		
14000	+40		
15000	+50	30	
16000	+55		
18000	+70		
20000	+95	35	
22000			
25000			
30000			
35000			
40000			
45000			
50000			

HYSTERESIS TEST

ALTITUDE	READ	DOWN READ
10000	50%	+30
8000	40%	+25

AFTER EFFECT: 5 ft

BARO SCALE ERROR

28.10	-1725
28.50	-1335
29.00	-855
29.50	-395
29.92	+5
30.50	+535
30.90	+900
30.99	+985

ALTIMETER SERIAL NUMBER

411981

DATE TESTED

12/06/17

MECHANIC

MW

INSPECTOR

TESTED WITH SETRA MODEL 370
DIGITAL PRESSURE GAGE

n of Inspections, Tests, Repairs and Alterations

be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries)

ARKCHASERS
AIRCRAFT SERVICES

TACH TIME: 213.9 hrs

HOBBS: N/A

A/C REG. #: N6785P

LOGBOOK ENTRY

ed and found to comply with the requirements of FAR Part 91.413 on

5861

und all components of static system were leaking. Replaced all static

4P-3, S/N: 411981 and associated altitude reporting system IAW FAR 43

pections required by FAR 91.411 have been performed.

ected in accordance with the current Federal Aviation Regulations and
are on file at this agency under this work order. 103674
for

tion 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	TIME	TIME IN SERVICE
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A/C MAKE: Piper
A/C MODEL: PA24-250
A/C S/N: 24-2916



TACH TIME: 213.9 hrs
HOBBS: N/A
A/C REG. #: N6785P

AIRFRAME LOGBOOK ENTRY

Date: December 08, 2017

- Removed, repaired and reinstalled below transponder.
- I certify the below transponder(s) has (have) been inspected and found to comply with the requirements of FAR Part 91.413 on Work Order No. 103674, dated 12/06/2017.
- #1 Transponder: Make: Narco, Model: AT150, S/N: 26861
- Static system could not be pumped up, troubleshot and found all components of static system were leaking. Replaced all static system lines and fittings.
- Certified altimeter Make: United Instruments, P/N: 5934P-3, S/N: 411981 and associated altitude reporting system IAW FAR 43 App E, to 20000ft
- I certify that the altimeter and static system tests and inspections required by FAR 91.411 have been performed.

The aircraft and/or component(s) mentioned above have been inspected in accordance with the current Federal Aviation Regulations and found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order. 103674

for

YEAR
20
DATE

d Alterations

ate Number of
pecific entries.)

9 hrs

35P

rt 91.413 on

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME	Heritage Aero Inc.	DATE: 8/22/2018
N6785P	1651 Grumman Dr.	TACH: 226.8
SN: 24-1916	Rockford, IL 61109	
	815-395-0500	

Removed and installed left wing assembly P/N 20377-000 using new hardware (bolts, nuts, and washers) after repair by Airframe Components, FAA CRS WWFR300K. See maintenance release tag work order 19704 dated June 19, 2018 from Airframe Components for details. Re-installed ailerons and flaps. Removed and installed left fuel cell after overhaul by Eagle Fuel Cells under work order 46018, dated May 18, 2018. Filled with fuel and leak checked, none found. Removed and installed both main landing gear assemblies and nose gear assemblies after disassembly and inspection. No issues found. Installed new main landing gear bungee cords. C/W AD77-12-21 Par. b (bungee cord replacement) due again in 3 years or 500 hours whichever occurs first. 9-1-2021/ 726.8 Tach time. C/W AD97-01-01R1 (side brace studs) by removing side brace studs and having magnaflux inspected by Poplar Grove Airmotive. No defects found. Due again in 1000 hours TIS at 1226.8 tach time. Performed landing gear retraction tests and manual extension test. All work done in accordance with Piper Comanche maintenance manual and parts catalogs.

-End-

Cliff Wilewski

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M
LOG ID# 2943 03-October-2018 WO [REDACTED]
N6785P S/N 24-1916 PIPER PA24-250

Pg 1 / 1

ALTITUDE
TIONS AS
IX "E"

INSTALLED SMART POWER USB PORT P/N 250-101R S/N 3130. WEIGHT AND BALANCE NEGLIGIBLE.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY: [REDACTED]
AVIONICS PLACE

PARA (C) INTEGRATED SYSTEM TEST
ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED
BY FAR 91.413 iaw FAR 43 APPENDIX "F"
HAVE BEEN PERFORMED:

#1 MODEL ESG

S/N

075928

#2 MODEL

S/N

DATE 09/17/18 N6785P

SIGNED BY [REDACTED]

AVIONICS PLACE FQ5R866M ROCKFORD IL

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M
LOG ID# 2933 18-September-2018 WO# 19251
N6785P S/N 24-1916 PIPER PA24-250

Pg 1 / 1

REMOVED AT-150 TRANSPONDER S/N 26861, ACK A-30 ENCODER S/N 56707 AND GA-56 GPS ANTENNA S/N 59426461.
INSTALLED STRATUS ESG1 TRANSPONDER P/N 153510-000017 S/N 075928,
STRATUS 3i P/N 153510-000115 S/N 3i000145, AV-801(A) GPS ANTENNA S/N 180078,
AV-74 TRANSPONDER ANTENNA AND SSD120-30N ENCODER S/N N24809.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY: [REDACTED]
AVIONICS PLACE

YEAR
20
DATE

ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP E
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

CUSTOMER NAME:

N NO.:

Azam (Sam) Tayed

DATE:

N6785P *9/12/18*

W.:

INSP:

ALT S/N *411981*

MODEL

5934P-3

TABLE I

TABLE II

ALT	TOL	IND	TEST	TOL	IND
-1000	20	-980	CASE LEAK	100	0
0	20	+10	HYSTERISIS		
500	20	500	1ST TEST 50%	75	-5
1000	20	1000	2ND TEST 40%	75	-10
1500	25	1500	AFTER EFFECT	30	+20
2000	30	2000			
3000	30	3000	TABLE III FRICTION	TABLE IV BARO SCALE	
4000	35	4000	ALT TOL	IND	HG
6000	40	6000	1000	70	10
8000	60	8020	2000	70	20
10000	80	10045	3000	70	20
12000	90	12030	5000	70	20
14000	100	14040	10000	80	20
16000	110	16050	15000	90	20
18000	120	18060	20000	100	20
20000	130	20090	25000	120	20
22000	140		30000	140	
25000	155		35000	160	
30000	180		40000	180	
35000	205		50000	250	

NEXT IFR
CERTIFICATION
DUE BY:

9/30/20

AVIONICS PL
LOG ID# 294:
N6785P S/

INSTALLED SMA

THE AIRCRAFT/
OF THE FEDER
PERTINENT DET

RELEASED BY:
AVIONICS PLAC

ED AT-150 TRANSPONDER S/N 26861, ACK A-30 ENCODER S/N 56707 AND GA-56 GPS ANTENNA S/N 59426461.
ALLED STRATUS ESGi TRANSPONDER P/N 153510-000017 S/N 075928,
US 3i P/N 153510-000115 S/N 3i000145, AV-801(A) GPS ANTENNA S/N 180078,
TRANSPONDER ANTENNA AND SSD120-30N ENCODER S/N N24809.

AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
TINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.
EASED BY:

CUSTOMER NAME:

ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

0426461.

ATIONS

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME

N6785P

SN: 24-1916

Heritage Aero Inc.

1651 Grumman Dr.

Rockford, IL 61109

815-395-0500

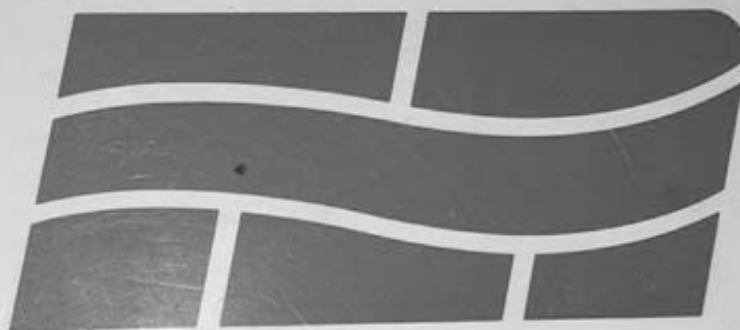
DATE: 10/5/2018

TACH: 228.1

TTAF: 6065.2

Performed annual inspection in accordance with FAR 43, App. D. Removed and installed engine mount after repair by Aerospace Welding Minneapolis, Inc. FAA CRS UWDR792L. See AWI Work order 182593 dated 28 Sep 2018 for details. Installed new Lord shock mounts. Adjusted down lock tension on right landing gear by adjusting push pull conduit. Repaired flare on aluminum brake line at left landing gear. Bled brake. Installed new MS25008-1 down limit switch on left main. Performed landing gear retraction tests and manual extension test – operation normal. Removed old Narco VP-10 antenna from top of cabin. Installed new com antenna P/N CI-122 on top fuselage above main cabin. Installed doubler plate inside. C/W 68-05-01 by inspecting exhaust. Due again by 6115.2 hrs. Function checked ELT in accordance with FAR 91.207d. See AD compliance record for details and upcoming AD's due. AD's checked through 2018-20. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found in an airworthy condition. END.

Cliff Wilewski



McCAULEY
PROPELLER LOGBOOK

MPC-10
Printed in U.S.A.
March 1990

Owner Name _____

Address _____

Propeller Model B3D32C412-C

Blade Model G-82NDA-5

Hub Serial No. 971912

Blade Serial No. 1 RJ014

2 RJ038

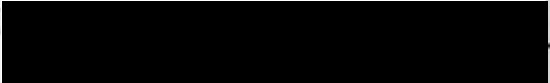
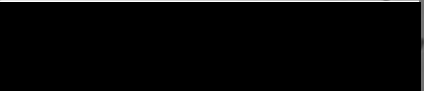
3 RJ040

4 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
JAN 22 1998	THIS PROPELLER WAS MANUFACTURED NEW AT McCAULEY PROPELLER SYSTEMS, INSPECTED AND FOUND TO BE AIRWORTHY ON THIS DATE.	M 299
FEB 3 1998	INSTALLED ON PA 24-250 IAW STC SA 00773 CH A/C	N 6785P SN 24-1966 TACK TIME 713.9 TOTAL TIME 4264.5

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
	444	05.00	N 6785P This propeller has been Dynamically Balanced I.A.W. AW9511-2. <u>41</u> grams. of wt. installed at the <u>6:00</u> o'clock position. Final Balance <u>.12</u> I.P.S. Mec  Northwest Propeller Service FAA Repair Station # IT 6R 625N	
11-2000	265.0	265.978.9	100 HR 120R	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

[illegible]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
12/31/06	1216.4	1216.4 new	CIW 100hr. Inspection Determined to be in AIRWORTH Condition	
1-31-08	Tach 2018.4	Total time 1304.5	Annual Inspection	
3-4-09	2070.84	1356.94	CIW ANNUAL INSP. This Date	
3-26-10	2122.3	1408.81	CIW ANNUAL INSP This Date	
4-1-11	2287.05	1573.55	CIW ANNUAL INSP This Date	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
6/21/2012	Tach: 35.0	Total Time: 1608.55		
			Performed Annual Inspection per FAR 43.9(a).	
			Removed Spinner, inspected hub and backing plate.	
			Inspected Spinner for cracked None noted. Dressed	
			Blades. Return to Service.	
			I certify that this propeller has been inspected	
			in accordance with an annual inspection and was	
			found to be in airworthy condition.	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

N6785P # PA24-1916 8/01/2013 Tach 59.9 TIS 1632.9

1. Performed Annual Inspection IAW AC 43:13 app D.
2. I Certify that this propeller has been inspected IAW annual inspection and found to be in an airworthy condition.

Ryland Roetman

8 AUG 2014 TACH: 92.0

TIME IN SERVICE:

1665.0

W/O 1405Z

"I CERTIFY THAT THIS ~~ANNUAL~~ ^{PROP} ~~ENGINE~~ HAS BEEN INSPECTED IN ACCORDANCE WITH

^{ANNUAL} INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"

HARRINGTON HAMILTON

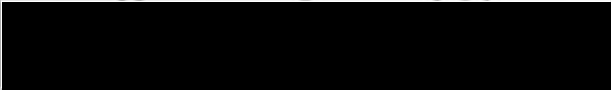
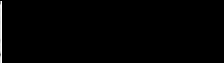
Authorized Signatures
Repairman and Station
Certificate Numbers

Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
8/13 2015	1696	TACH: 123.00	C/W ANNUAL INSPECTION	
DRESSED AND TOUCHED UP 1 SEP 2015	1742.4	TACH: 169.4	SAWD, TREAT, PRIME AND TOUCHED UP PROP ANNUAL INSP C/W	3482921 FA
11/01/2017 N6785P McCauley B3D32C412-C Serial # 971912 Tach 212.0 1784.6 TTPROP Annual Inspection Dressed and painted propeller blades. I certify that this propeller has been inspected in accordance with an Annual inspection and found to be airworthy at this time. Richard C. Pahnke				
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12				

MAINTENANCE & SERVICE HISTORY

Da	PROP	Heritage Aero Inc.	DATE: 10/5/2018
	N6785P	1651 Grumman Dr.	TACH: 228.1
	SN: 24-1916	Rockford, IL 61109	
		815-395-0500	
	Performed annual inspection in accordance with FAR 43, App. D. I certify that this prop has been inspected in accordance with an annual inspection and has been found in an airworthy condition. END.  Cliff Wilewski 		

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

N6785P

ENGINE MAINTENANCE RECORDS



Engines Are Our ONLY Business

21 CREATIVE PL. • MONTROSE, CO 81401
(970) 249-0232 • 800-575-9929 • FAX (970) 249-4155

g
ler
The
For
lot's

DATE _____

TACH OR
RECORDING
METER
TIME _____DESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**WESTERN
Skyways
INC.**

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com(800) 675-8829
(970) 249-6252
FAX: (970) 249-6156Engine Make: LYCOMINGModel: O-540-A1D5Serial Number: L-2947-40CW/O No: 22111Date: 12/19/07Warranty Number: L7284Warranty Start Date: 01/08Crankshaft Serial No: 24699Cylinder Part Number: FRCN10.1CA

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: 60294-7-10 See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 5569.0 Hrs.

This engine meets requirements of LYCOMING SI-1009AQ for 2000.0 Hour TBO.

The accessories listed below were new or overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	6355 NEW	07082713	Vac Pump:	N/A	N/A
R/H Mag:	6355 NEW	07082715	Wastegate:	N/A	N/A
Fuel Pump:	AF15472	F003661	Alt/Gen:	N/A	N/A
Inj/Carb:	10-4401-1	A041512	Pop Off:	N/A	N/A
Man Valve:	N/A.	N/A.	Controller:	N/A	N/A
Starter:	MZ-4222	H094986	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Controller:	N/A	N/A
			Tach Gen:	N/A	N/A
			Ring Gear:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature _____

**WESTERN
Skyways
INC.**

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: O-540-A1D5Serial Number: L-2947-40CTime: 5569.0 TTEWork Order: 22111Date: 12/20/07

This engine was changed to the O-540-A1B5 configuration by installation of Slick P/N 6355 impulse magnetos. Reference SSP-204 dated February 2004 page 18 and S.I. 1443F. Stamped data plate with a "C" after the serial number per S.I. 1304J.

Signature _____

DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TACH OR
RECORDING
METER
TIMEGALLUP FLYING SERVICE

2111 W. HWY. 66 GALLUP, NM 87301

N#: 6785P TACH TIME: 2,018.4 TTE: 5,569.0 TSO: 0.0 DATE: 01-31-08

WORK PERFORMED:

INSTALLED OVERHAULED ENGINE ON PIPER PA24-250, S/N 24-1916. ENGINE INSTALLATION PERFORMED USING PIPER MAINTENANCE MANUAL. NEW ENGINE MOUNTS AND HARDWARE WERE USED. INSTALLED OVERHAULED PROPELLER GOVERNOR McCAULEY, MODEL DC290D1-AT34, S/N 970879. MAINTENANCE RELEASE TAG AT REAR OF LOG BOOK. LH EXHAUST STACK WAS REPAIRED BY HELIARC WELDING SERVICE, P/N P21664-02, MAINTENANCE TAG AT REAR OF LOG BOOK, REINSTALLED EXHAUST SYSTEM. REPLACED ALL FLEXIBLE HOSES AND FIRE SLEEVES WITH NEW. REPLACED NO. 5 FUEL PRIMER LINE AND NOZZLE, P/N'S 468-341 AND 21537-004. REPLACED INDUCTION AIR FILTER, P/N BA3. REPLACED PROPELLER GOVERNOR CONTROL CABLE P/N 455-184. SERVICED ENGINE WITH 12 QTS. AEROSHELL 40W STRAIGHT MINERAL OIL. ENGINE WAS GROUND RUN AND LEAK CHECKED. NO LEAKS NOTED. ENGINE IS APPROVED FOR RETURN TO SERVICE.

NAME-A&P#: NELSON CHEE SIGNATURE:

01/04/2009 Tach: 2070.84 SMO: 52.44 Eng.TT: 5621.44
N6785P

Complied with 100 hour / annual inspection per FAR 43(d).
Changed oil and filter using 1 CH48110-1 filter & 12 quarts AS100
W+ oil. Complied with compression checks:

#1: 78/80, #2: 78/80, #3: 78/80, #4: 76/80, #5: 78/80 #6: 78/80.

Cleaned, gapped & rotated all spark plugs. Checked magneto to
engine timing. Replaced induction air filter, pn# BA-3. Cut open
engine filter, tightened rocker box cover screws and oil return
tables. Tubes

I certify this engine has been inspected i/a/w an annual inspection
and was determined to be in an airworthy condition at this time.

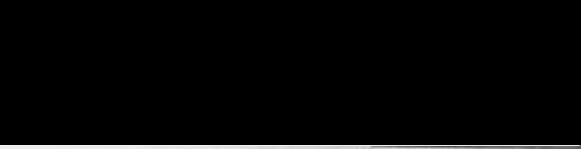
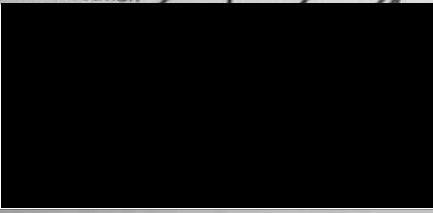
Wayne C. Newton

3-26-10 2122.31 C/W 100 HR / ANNUAL INSPECTION PER FAR 43.9(d) CHANGED OIL & FILTER
SMO 103.91 USING 1 CH48110-1 FILTER & 12 QTS AS100W C/W COMPRESSION CHECKS
H1 72/80 H2 74/80 H3 75/80 H4 72/80 H5 76/80 H6 74/80, CLEANED, GAPPED
ROTATED ALL SPARK PLUGS, CHECKED MAGNETO TO ENGINE TIMING.
REPLACED INDUCTION AIR FILTER. CLEANED CARBURETOR. I CERTIFY
THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-27-10	8182.7	CHANGED OIL & Filter Using 12 qt AS 100 oil AND
SMO	164.3	1 CH48110-1 Filter. Cut open filter NO METAL Noted.
		With Respect to Work Performed Aircraft Returned to
		Service [REDACTED]
4-1-2011	2287.05	C/W ANNUAL INSPECTION This date Per FAR 43.9. d
SMO	269.6	CHANGED OIL & Filter Using 1 CH48110-1 & 12qt AS 100W
		C/W Compression checks #1 $7\frac{7}{80}$ #2 $7\frac{4}{80}$ #3 $7\frac{25}{80}$ #4 $7\frac{15}{80}$
		Replaced ALL Spark Plugs. Retimed magnetos to
		ENGINE. Cleaned Fuel Pump Filters. AND INLINE
		FUEL FILTER I CERTIFY THIS ENGINE HAS BEEN INSPECTED
		I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO
		BE IN AN AIRWORTHY CONDITION.
		[REDACTED]
6/21/2012	Tach: 35.0	TSMOH: 304.6 Total: 5872.65
		1) Performed Annual Inspection as per FAR 43.9(d) [REDACTED]
		2) Changed oil and oil Filter. Refilled with
		11 qts. 100AD Aeroshell and installed 1) CH48110
		Filter.
		3) Cleaned, gapped and rotated Spark Plugs.
		4) Replaced all valve cover gaskets.
		5) Installed new BAS Air Filter.

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DESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TACH OR RECORDING METER TIME	
(6-21-12)	6)	Checked Mag Timing and inspected Ignition Harness
	7)	Cleaned Fuel Pump Screens and drained Carburetor Bowl.
	8)	Inspected Muffler and Exhaust Stacks. Inspected all Heat Muffs.
	4)	Inspected all Hoses and Ducts. Checked all Hoses and Seat Duct for security.
	10)	Compression Test: #1 78 #2 62 #3 66 #4 68 #5 78 #6 78
	11)	End Run. No Leaks Evident.
	12)	Return to Service.
		I certify that this Engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.
		
		N6785P # PA24-1916 8/01/2013 Tach 59.9 TTAF 5897.0 TSMOH 329.5
		1. Performed annual inspection IAW AC 43:13 app D.
		2. Changed oil and filter. 10 qts Aero Shell 100, CH48110.
		3. Cleaned, tested, and rotated spark plugs.
		4. Comp #1 77, #2 68, #3 70, #4 70, #5 75, #6 77.
		5. Wiring, Hoses, Controls lubed and checked for security.
		6. Ground run good no problems noted.
		7. I certify that this engine has been inspected IAW Annual Inspection and found to be in an airworthy condition.
		Ryland Roetman
		IA 

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/24/04	93.0	TIME SINCE OVERHAUL: 361.6 CHANGE OIL ? FILTER CH48110-1 SERVICED WITH 10qts AC10S142K 100. CLEANED AND GAPPED ALL SPARK PLUGS. C/W MUFFLER INSPECTION PER AD 68-05-01 REDUCED 142.00/ANNUAL REPAIRED WORN RACE CLAMP ON GOVERNOR CABLE CHANGED CARB SCREEN. REPAIRED INTAKE FILTER BA3. COMPRESSION: #1 73% #2 74% #3 73% #4 75% #5 76% #6 71%. THIS INSPECTION AND ROUTINE MAINT PERFORMED IAW PIPER MANUAL 753-516
		HECK-AIR INC 1447 GENERAL AVIATION DR HANGAR A MELBOURNE FL 32935 W/O 14055 "I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON
(31)		W/O 14055
13AUG 3015	123.00	TOTAL TIME SINCE OVERHAUL: 392.6 CHANGED OIL - FILTER CH48110-1 SERVICED WITH 10qts C/W MUFFLER INSPECTION PER AD 68-05-01 REDUCED 173.00 CLEANED AND GAPPED ALL SPARK PLUGS. RE PLACED INTAKE FILTER BA3 COMPRESSION: #1 70% #2 67% #3 66% #4 75% #5 70% #6 70% THIS INSPECTION AND ROUTINE MAINTENANCE PERFORMED IAW PIPER MANUAL F753-516
		HECK-AIR INC 1447 GENERAL AVIATION DR HANGAR A MELBOURNE FL 32935 W/O 15054 "I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON

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DESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED
1 SEP 2016	169.4	TOTAL TIME SINCE OVERHAUL: 439.00 CHANGE OIL AND FILTER CH48110-1 SERVICED WITH 10qts W100 AEROSHELL. REPLACED ALL SPARK PLUGS URTM 40E. CHECKED AND LUBED ALL CONTROLS. REPAIRED SCAT 8 DUCT ON MUFFLER. REPLACED INTAKE FILTER BA3 C/W AD 68-05-01 BY INSPECTING MUFFLER PER SB342D AND AD Para (e)(f) REDUC: 219.4. COMPRESSION: #1 74/80 #2 73/80 #3 64/80 #4 63/80 #5 77/80 #6 72/80. THIS INSPECTION AND ROUTINE MAINTENANCE PERFORMED IAW PIPER MANUAL F753-516.

Heck Air, Inc
1447 General Aviation Dr.
Hangar A
Melbourne FL 32935
W/b 16055

"I CERTIFY THAT THIS AIRCRAFT
ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH

ANNUAL
INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION
HARRINGTON HAMILTON

11/01/2017 N6785P Lycoming O-540-A1D5 Serial # L-2947-40C
Tach 212.0 6198.6 TTENG 480.7 TSMOH Annual Inspection
Changed oil and filter. Filled with Aeroshell 100W. Cleaned and gapped spark plugs.
Compression #1 75/80, #2 73/80, #3 65/80, #4 65/80, #5 76/80, #6 75/80. Degreased engine. Lubed engine controls. Repaired carburetor heat shroud. Complied with AD 68-05-01 Inspection of the engine exhaust muffler per SB342D by inspection. No defects noted. Due in 50 hours. AD 2017-16-11 To prevent connecting rod failure which could result in uncontained engine failure does not apply due to engine overhaul date. I certify that this engine has been inspected in accordance with an Annual inspection and found to be airworthy at this time.

Richard C. Pahnke

DATE

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

ENGINE

N6785P

SN: 24-1916

Heritage Aero Inc.

1651 Grumman Dr.

Rockford, IL 61109

815-395-0500

DATE: 10/5/2018

TACH: 228.1

SMOH: 496.8

TTE: 6214.7

Performed annual inspection in accordance with FAR 43, App. D. Compressions: 1-78, 2- 78, 3-74, 4-78, 5-74, 6-76. No oil change at this time. Inspected oil filter for metal – none found. Removed and installed engine as required in order to remove engine mount for repair. Engine mount repaired by Aerospace Welding Minneapolis, Inc. FAA CRS UWDR792L. See AWI Work order 182593 dated 28 Sep 2018 for details. Installed new Lord shock mounts. Found crack in original muffler. Removed. Installed serviceable muffler and also serviceable muffler shroud. C/W AD 68-05-04 by inspecting exhaust. Due again by 6115.2 AF hrs. I certify that this *engine* has been inspected in accordance with an annual inspection and has been found in an airworthy condition. END.

Cliff Wilewski

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Weight / Balance & Equipment List Revision

Page #: 1

AVIONICS PLACE - FQ5R866M

5257 Falcon Road

Rockford, IL 61109-2917 Tel: 815-229-5360

A/C Tail #: N6785P

Register Name: Azam Zayed (Sam)

Name 2:

Ad

Ad

City, State, PC: Oak Lawn, IL 60453

A/C Make: PIPER

A/C Model: PA24-250

A/C Serial #: 24-1916

WO Ref #: 19251

WB Date: Sep-18-2018

WB ID #: 1126

Previous data taken from document dated Dec-07-2010 Previous useful load = 1108.30

Model # Serial #	Description Part #	Weight	CG/Arm	Moment
REMOVED ITEMS -----	Previous data ->	1691.70	81.23	137416.79
A-30 56707	ENCODER	-0.50	57.00	-28.50
AT-150 26861	XP	-2.30	62.00	-142.60
GA-56 59426461	GPS ANT	-0.40	99.00	-39.60
REMOVED SUB TOTAL	3 Items @	-3.20	65.84	-210.70
INSTALLED ITEMS -----				
AV-74	XP ANTENNA	0.20	50.00	10.00
AV-801 180078	GPS WAAS ANTENNA AV-801	0.31	99.00	30.69
ESG 075928	STRATUS TRANSPONDER 153010-000007	3.29	62.00	203.98
SSD120-30N N24809	ENCODER	0.30	58.00	17.40
INSTALLED SUB TOTAL	4 Items @	4.10	63.92	262.07
NEW USEFUL LOAD = 1107.40		1692.60	81.22	137468.16

Authorized Individual:

David J. Wright

N6785P
PA24-750

8/23/2018
Tech 2269.9

Removed and installed left wing
after repair by Airframe Components.
See Airframe Components work order for details.
~~Removed and installed flaps and ailerons on~~
Installed left flap and aileron. Installed
left landing gear assembly. Installed
right landing gear assembly. Installed
new bungee cords on both main gear
assemblies. Performed landing gear retraction
tests and manual extension test. Operation
satisfactory. Installed left fuel cell
after repair by Eagle Fuel Cells. See
Eagle fuel cells work order for details.
Fueled left cell and leak checked - none
found. All work done in accordance with
Piper PA24-750 maintenance manual.
Aircraft is returned to service - END

