

AIRCRAFT LOG
AL-12P

This is aircraft Log Book no # 3

Previous ~~logs~~ logs are on file at Newellville
Aviation Newellville, Miss.

AIRCRAFT DESCRIPTION

MANUFACTURER	Piper	MODEL	PA12	DATE OF MFG.	3-10-47
SERIAL NUMBER	12-2775	REGISTRATION NUMBER	N-3866M		
REGISTERED OWNER	Harold J. Gaier				
STREET ADDRESS	R#1				
CITY, STATE, ZIP	Neillsville Wis. 54456				
OPERATOR					
STREET ADDRESS	Engine Lycoming O320 B2B				
CITY, STATE, ZIP	Serial no# L-4312-39				
REGISTERED OWNER	H.P. 160 2700				
STREET ADDRESS	150 2600				
CITY, STATE, ZIP					
OPERATOR					
STREET ADDRESS					
CITY, STATE, ZIP					

Inspection Status

[Check one]

F.A.R. 91.169 ANNUAL/100 HOUR

F.A.R. 91.71 PROGRESSIVE

F.A.R. 91.217 SUBPART D

F.A.R. 135.60 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	LYCOMING 0-320-B2B	L-4512-39	R L
PROPELLER	SENSENICH		R L
	SENSENICH M7ADM-54	,	2709 A 12/1988
Miss.	ELT - EBC	67	67974GB

MAJOR ALTERATIONS

1-18-82 Revised Weight & Balance Including
 Tail wheel change
 Tail change
 Engine & prop change

Item	wgt.	arm	moment
Empty wgt. per original certificate 3-10-47	949	11.8	11198
Remove Narco VHT-2	-10	-14	+140
Remove wood prop	-11	-62	+682
Remove tail wheel	-5	+200	-1000
Remove o-235 Eng.	-274	-46	+12604
Install metal prop	+30	-59	-1770
Install o-320 Eng.	+318	-43	-13674
Install Moul tail wheel	+8	+200	+1600

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

AGENCY
REF. NO.

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
46-36-02	Air Scoop					
46-36-03	Mussler Brace					
46-37-01	Fuel Straining Gasket					
47-22-03	Ldg gear					
47-47-01	Ldg gear					
47-47-02	Batt Box					
47-47-04	Strut Solenoid					
48-01-02	Cowl Support					
48-13-03	Battery Brackets					
48-13-04	Fuse-clip					
48-14-01	Fuel line					
49-14-01	Elevator Fitting					
49-27-02	Aileron Bellcrank					
50-05-01	Nicopress Sleeve					
51-21-02	Aileron Hinge					
60-01-07	Tail Brace wires	10-31-80 1214				
68-05-01	Exhaust Musslers					
74-17-04	Fabric					

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Round tail brace wires installed 3/22/82 THIS AD NO longer applicable
 EA 100 HRS - 1314 Victor J. Stant ANP #1556114 IA.
~~No longer Applicable PA-22 mussler Installed As per STC MOD.~~
 EVERY 50 HRS

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO.. WORK PERFORMED/RETURNED TO SERVICE
March 24	1982 TOTAL	A/c TIME 1229 HRS. Aircraft modified by Installing 0-320-023 engine Serial # L4312-39 as Per STC SA 83 AL. See 337 dated Mar 23, 1982. See Front of Aircraft Log for new WT. & Bal record. Fuel tanks placarded for 100 octane fuel. ALL required placards installed in aircraft. Battery to starter cable replaced with RA-28 insulated cable. New Metal to metal seat belts installed. New round tail brace wires FAA-PMA P/N U-10555-02 & P/N U-10556-02 installed. AD 60-01-07 streamline tail brace wires no longer applicable 100 HR. Inspections. Balanced elevators & stabilizers previously installed by John Hatz, Gleason. See 337 dated 1-18-82	
		Victor J. Stant	AIP #1556114 IA
DATE <u>5-24-83</u>	HRS. <u>total 1344</u>	Fabric tested 60" L6 to P. Fuselage & sides. Feb 18 85	
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: center;"><u>JOHN D. HATZ</u> 1137382 Authorized Inspector</p>			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DATE OF
COMPLETION

DATE 5/3/84 TACH 1902.0

TOTAL TIME 1902.0

I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE
WITH ANNUAL INSPECTION AND HAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

Arthur C. Lloyd IA 388525749

1-10-84

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
03-08-89	Tach time	1908 hrs. total time, 1249 hrs. recovered using "Stits" poly-fiber process. See form 337 dated 03-08-89. Modified baggage area, interior. See form 337 dated 01-10-89. Installed flaps and and skylight, see form 337 dated 01-10-89. Installed Univar ribs, see form 337. Installed overhauled turn coordinator from Midwest Aircraft Instruments, Inc. serial #766-1127 date 10-25-88, see attached maintenance release. Installed new battery part #A-35 serial #A000461. Rewired entire aircraft with 16 gauge Mil-W-5086A wire except 8 gauge used fuse block to master switch and 2 gauge to starter motor. Installed heater valve Cessna P.N. 045024.7. Placarded battery box in accordance with service letter #108. Complied with AD 49-27-02 by dye penetrant inspection of aileron bellcrank casting. Complied with AD 50-05-01 by dimensional inspection of Nicopress sleeve. Complied with AD 51-21-02 by installing aileron hinge bracket reinforcements on all aileron and flap hinge brackets. Complied with AD 68-05-01 by inspecting	complete aircraft	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		exhaust muffler for cracks. Complied with AD 77-03-08	
		by installing new Univair front lift struts part	
		#001-U10098-00 and left rear lift strut part #007-U10096-00.	
		The right rear lift strut was inspected in accordance with	
		service bulletin 528. Corrosion impedeance measures	
		described in SB528 were accomplished on all four lift struts	
		using paralketone. Complied with AD 85-06-04 by installing	
		quick drains #491-806 in both tanks and placarding instrument	
		panel "Drain all sumps before first flight of each day".	
		Aircraft finished with Stitz Poly Tone #129 "Piper Pacer	
		Cream". <i>Jack Bonmother A+P 399826333</i>	
		<i>See weight and balance dated 3-27-89</i>	
		<i>Empty Weight 1041</i>	
		<i>C.G. 11.0</i>	
		<i>moments 11,474</i>	
		<i>Jack Bonmother A+P 399826333</i>	

MAINTENANCE RECORD

F.A.R. 43.9

Total Time = Tach - 659

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
3/29/89	1908 HRS TACH 1249 HRS TOTAL	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	<u>Alta Hat</u> A+P 399782276 IUSA. AUTH	
3/29/89	1249 HRS	TEST FLOW - ALL O.I.C. <u>Alta Hat</u> 399782276 Com SEL		
5-5-89	Total Time 1255 - Tach 1914	Installed Terra corp model T.L.C. 100 Lorain C serial # 00298 and MARCO com 11A Serial # 27865 See Form 337 This date. New empty weight 1047.6 new moments 11427.8 new C.G. 10.9	<u>Alta Hat</u> A+P 399826333	
DATE	APRIL 20, 1989	TACH 1935 HRS TOTAL 1276 HRS		
ICE	AIRCRAFT			
HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
<u>Alta Hat</u> A+P 399782276 I.A.				
AVIATION SERVICES, INC. MARSHFIELD, WI				

= Tack - 659

MAINTENANCE RECORD F.A.R. 43.9

DATE NO. RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
AN TO 76	DATE <u>3-6-74</u> T.T. <u>1956</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>150 HR</u> WAS DETERMINED TO BE IN AIRCRAFT CONDITION SIGNATURE <u>Harry W. Stuenkel</u> INS. NO. <u>AP 1503507</u>		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRCRAFT CONDITION	<u>Aircraft</u> <u>1943790 RR</u>
11a 00298 Form 47.6				

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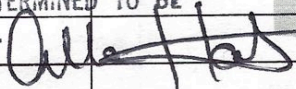
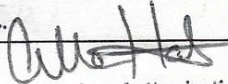
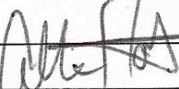
MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
Aug. 5, 1993	1963 HRS	CLW A.D. 93-10-06 BY INSPECTION TOTAL-1304 HRS, OF STRUTS IN ACCORD WITH S.B. 528 D, DUE AT 1689 HRS FOR FOLKS AND Aug. 5, 95 FOR STRUTS. CLW		JUNE 7 CLW A FOR R LOOSENE
		A.D. 68-05-01 BY INSP. DUE ATT 2013 HRS		DATE <u>JUN</u> TACH. HRS. <u>19</u> I CERTIFY THAT INSPECTED IN INSPECTION A IN AIRWORTHY
DATE <u>MAY 15, 1995</u>		DATE <u>Aug 5, 1993</u> TACH. HRS. <u>1963</u> TOT HRS <u>1304</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		ALLA A & B
		TOT. HRS. <u>325</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
		ALLAN HATZ A & P 399782276 Inspection Authorization		
MAY 15, 1995	1984 HRS TACH 1325 HRS TOTAL	CLW A.D. 93-10-06 BY INSPECTION OF STRUTS AS PER PIPER S.B. 528D AND FOUND TO BE O.K. (DUE MAY 1997).		JUNE 9 FOUND REPLAC CLW A
		<u>Allan Hatz</u> A+P 399782276		

MAINTENANCE RECORD

F.A.R. 43.9

CATE NO. RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
INSPECTION S.B.	JUNE 26, 1996	1999 HRS TACH	1340 HRS TOTAL	
FORMS W	CLW A.D. 68-05-01	BY INSP.	FOUND O.K.	REMOVED ELT
T 2013 HRS	FOR REPAIR. CLW A.D. 93-18-03	BY INSP.	VENTURI FOR	
	LOOSENESS FOUND O.K.			
	DATE <u>JUNE 26, 1996</u>		DATE <u>JUNE 9, 1999</u>	
	TACH. HRS. <u>1999</u> TOT. HRS. <u>1340</u>		TACH. HRS. <u>2034</u> TOT. HRS. <u>1375</u>	
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
	 ALLAN HATZ A & P 390782276 Inspection Authorization		 ALLAN HATZ A & P 390782276 Inspection Authorization	
-06 TO BE	JUNE 9, 1999	2034 HRS TACH	CLW A.D. 68-05-01	BY INSPECTING EXHAUST
	FOUND O.K.	CLW A.D. 99-01-05	BY INSPECTING	STRUTS, FOUND O.K.
	REPLACED ONE 66-105 RT OUTER BRAKE.	GREASED + TIGHTENED	TAILWHEEL.	
	CLW A.D. 76-07-12	BY OPS CHECK.		
			 A & P 390782276	

MAINTENANCE RECORD


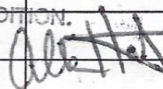
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
MARCH	10,2000	2039 HRS TACH INSTALLED NORTH RIVER AVIATION, INC.		JUNE
		BRAKE BOOSTER (1A) W S.T.L. SA 3633NM (SEE 337)	C/W A.D. 99-01-05	05
		BY WSP. STRUTS, FOUND O.K., STRUTS WSP. 1/2 W SB 528D - COATED WITH VALOIL		10
		DUE 3/2002, FORKS DUE 1750 HR TOTAL TIME.		
DATE	MARCH 10, 2000			
TACH. HRS.	2039	TOT. HRS.	1379	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
	ALLAN HATZ			
	A & P 399782276 Inspection Authorization			
JULY 18, 2001	2039 HRS 1380 HRS TOTAL	INSTALLED NEW LEFT FUEL TANK HOSE.	C/W A.D. 99-01-05 BY INSPECTING STRUTS, FOUND O.K. C/W A.D. 68-05-01 BY INSPECTING MUFFLER, FOUND O.K.	
			DATE <u>JULY 18, 2001</u>	
			TACH. HRS. <u>2039</u> TOT. HRS. <u>1380</u>	
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
			ALLAN HATZ	
			A & P 399782276 Inspection Authorization	

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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Oct 1, 2009	1393 hrs TOTAL TIME		
	C/W A.D. 99-01-05	BY INSPECTION OF STRUTS I/A/W SB 528D,	
	ALL O.K. DUE 10/2011.	No ELT INSTALLED, (EBC 67 S.D. 629746B REMOVED FOR BATTERY).	
DATE <u>Oct 1, 2009</u>	TACH. HRS. <u>2052</u> TOT. HRS. <u>1393</u>	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
	ALLAN HATZ 		
	A & P 399782276 Inspection Authorization		
		DATE <u>JUNE 1, 2011</u>	
	TACH. HRS. <u>2055</u> TOT. HRS. <u>1396</u>	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
			<u>A&P 399782276</u>
			<u>1258. AOTW.</u>

December 13, 2012
2063 Hours Tach

Piper PA-12
1402 Hours Total

N3866M
s.n. 12-2775

Inspected ELT in accordance with FAR 91.207(d), found o.k. Checked gascolator screen, all o.k. Serviced brakes. Removed Narco Comm and Loran. Installed Apollo GX65 GPS/Comm, see 337 and Wt. & Balance.

C/W A.D. 68-05-01 by inspection of muffler, found o.k., due 2113 hrs. tach

C/W A.D. 99-01-05 (a),(1) by inspection of struts I/A/W instruction of A.D. and SB 528D, all o.k. due again by Dec. 2014.

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

Allan Hatz
A&P 399782276
Inspection Authorization



DATE OF COMPLETION

April 13
2068.7

Check
between
engine
inspect

C/W A.D.
C/W A.D.

I certify
determi

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Duffy's Aircraft Sales & Leasing, Inc.

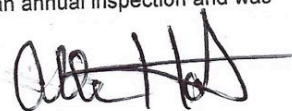
June 9, 2023	Piper PA-12	N3866M
1410 Hours Total	2069 Hours Tach	s.n. 12-2775

Removed Lycoming 0-320-B2B s.n. L-4312-39 and installed Lycoming 0-320-C3A s.n. L-1464-39 using new 08-00662 engine mounts rubbers and hardware as needed. Aircraft previously modified for 150/160 HP in accordance Stoddard STC SA83AL, see 337 March 5, 1982. Flushed oil cooler and hoses. Installed new BP-1045 battery and inspected ELT in accordance with FAR 91.207(d), found o.k. (battery due 5/2025). Installed new U3239A tailwheel springs. Installed new A-1233A-2 red nav light lens.

CW A.D. 68-05-01 by inspection of muffler, found o.k., due 2109 hrs. tach, 1460 hrs. total
 CW A.D. 2015-08-04 (h), (1) by inspection of struts I/A/W instruction of A.D. and SB 528D, all o.k. due again by June 2025.

I certify that this aircraft, engine and propeller have been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Allan Hatz
 A&P 399782276 I.A.



JUNE 9, 2023

1410 HRS TOTAL 2069 HRS TACH

TEST FLOW AFTER ENGINE CHANGE,

ALL O.K.



~~A&P~~ Comm

399782276

DATE

July 23, 2023

Installed
 A.D. 68-0
 Installed
 Removed
 Balance)

INSPECTION RECORD

F.A.R. 43.11 - 91.217

CERTIFICATE NO.
RETURNED TO SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

July 23, 2023
2073.5 Hours Tach

Piper PA-12
1412 Hours Total

N3866M
s.n. 12-2775

Installed new AWI A10308-003 muffler and Aero-Fab. front crossover pipe p.n. E360002, A.D. 68-05-01 complied with with this muffler install and is no longer recurring.
Installed new Brackett BA-4106 airfilter assembly I/A/W STC SA71GL and p.n. 4105 Instruction sheet (see 337).
Removed Apollo GX65 and installed new TSO C128a ICOM IC-A220 s.n. TA513182 transceiver, (see 337 and Wt. & Balance).

Allan Hatz
A&P 399782276



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399782276