



year built 1975

AIRFRAME MAINTENANCE RECORDS

Log No. 4

Aircraft Registration No. N405WB

Aircraft Mfg. Piper Model PA 32 300 Serial No. 32-7640043

Engine Mfg. _____ Model _____ Serial No. _____

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4/20/23	16425.6	11758.4	R & R 3 mufflers, # 1, 3, 5 Stacks.
			Completed all routine items for a <u>B</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			 I A
6/21/23	16474	11806.8	R & R Lt tie & Brake Caliper.
			Completed all routine items for an <u>A</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			 I A

Airframe		page 1 of 1
N405WB	PIPER, PA-32-300, S/N: 32-7640043	August 18, 2023
AFTT: 16524.0	TACH: 1858.1	
1. C/W AAIP (B) Inspection IAW FAR 135.411 (a)(1) Per Inspection meeting the Requirements of NE Airlines AAIP. 2. C/W AD 78-23-09 FUEL DRAIN LEVER COVERY ASSEMBLY by visual inspection no defects noted due every 100hrs NEXT DUE 1958.1TACH.		
I Certify this AIRFRAME has been Inspected IAW NE Airlines SEL AAIP (B) Inspection and was found to be in an airworthy condition		
		
Edward Clauson AP/IA 5457887		

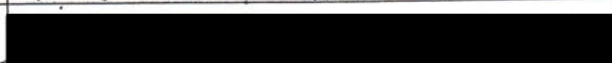
SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
8/2/22	16277.6	11610.4	R & R L + tire.
			Completed all routine items for a <u>A</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			[REDACTED] I A
8/15/22	16326.8	11659.6	R & R RT Brake pads. R & R air filter.
			Completed all routine items for a <u>B</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			[REDACTED] I A
9/6/22	16374.6	11707.4	R & R RT tire & brakes. R & R tail strobe bulb.
			Completed all routine items for a <u>A</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			[REDACTED] I A
3/31/23		11750.4	R & R ELT batt & c/w FARGY. 207(d).
			[REDACTED] I A

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
9/29/21	16134. ²	11467	RER Lt time
			Completed all routine items for a <u>B</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			 IA
3/10/22		11503	RER ELT & C (W FAR 91.207(d)).
			 IA
5/23/22	16184. ²	11517	RER Rt time.
			Completed all routine items for a <u>A</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			 IA
7/5/22	16229. ³	11562	
			Completed all routine items for a <u>B</u> inspection. All items on inspection form checked, opened all necessary panels, checked all cables, pulleys, bellcranks. Inspected gear and greased. Checked all lights, serviced battery. All ADs c/w This airframe is approved for return to service.
			 IA

SUB-TOTAL this page

TOTAL—Carry forward to next page

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 33383 ^{405WB}

Engine Manufacturer Lycoming

Model I0-540-K1A5

Serial No. L-7095-48

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |



(All applicable information must be filled in)

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
9/6/22	6065. ³	988. ³	11707. ⁴	
				Completed all routine items for a <u>A</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression ____/80 ____/80 ____/80 ____/80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [REDACTED] <u>IA</u>
7/20/23	6116. ³	1039. ³	11758. ⁴	c/w 500hr on rc mag. R & R p ts.
				Completed all routine items for a <u>B</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [REDACTED] <u>IA</u>
6/21/23	10474	1087. ⁷	11806. ⁸	
				Completed all routine items for a <u>A</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression ____/80 ____/80 ____/80 ____/80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [REDACTED] <u>A</u>

Engine

page 1 of 1

N405WB

LYCOMING, IO-540-K1A5, S/N: L-18372-48A

August 18, 2023

TACH: 1858.1

TSMOH: 1137.7

1. C/W AAIP (B) Inspection IAW FAR 135.411 (a)(1) Per Inspection meeting the Requirements of NE Airlines AAIP.
2. Ran engine Drained Oil Serviced with 11 Qts Phillips 20w50 CH48110-1 oil filter.
3. Ran engine after completion of work no leaks found at this time.
4. C/W AD15-19-07 EXTERNAL FUEL INJECTOR LINES by Visual Inspection no defects noted due every 100hrs or anytime work is done on or around clamps lines or injectors NEXT DUE 1958.1 TACH.

I Certify this ENGINE Has been Inspected IAW NE Airlines AAIP SEL (B) Inspection and was determined to be in an airworthy condition

Edward Clauson AP/IA [REDACTED]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5/23/22	5874.9	797.9	11517	Completed all routine items for a <u>1 A</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression ____/80 ____/80 ____/80 ____/80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [Signature]
7/5/22	5920	843	11562	Completed all routine items for a <u>B</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [Signature]
8/2/22	5968.3	891.3	11610.4	C/W 500hr on Lt. mag, R & R P.T.S. Completed all routine items for a <u>1 A</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression ____/80 ____/80 ____/80 ____/80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [Signature]
8/15/22	6017.5	940.5	11659.6	Completed all routine items for a <u>B</u> inspection. All items on inspection form completed, oil changed, filter replaced, screens checked, plugs cleaned, and gapped. Compression <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 <u>78</u> /80 all accessories checked. Controls checked & lubed. This engine is approved for return to service. [Signature]
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

PROPELLER MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N405WB

Propeller Manufacturer Hartzell

Hub Model HC-C3YA-1RF/F7663R

Blade Design No. _____

Hub Serial No. DY3620A

Blade Serial No's.

1. _____

2. _____

3. _____

4. _____

Pitch Range:

High _____ Low _____

Feather _____ Reverse _____

Governor Manufacturer _____

Model No. _____

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |

(All applicable information must be filled in)



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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
8/15/22		628. ⁶	11659. ⁶	Completed all routine items for a <u>B</u> Inspection. This propeller is approved for return to service <u>[REDACTED]</u> <u>61A</u>
9/6/22		676. ⁴	11707. ⁴	Completed all routine items for a <u>A</u> Inspection. This propeller is approved for return to service <u>[REDACTED]</u> <u>61A</u>
4/20/23		727.4	11758. ⁴	Completed all routine items for a <u>B</u> Inspection. This propeller is approved for return to service <u>[REDACTED]</u> <u>61A</u>
6/21/23		775.8	11806. ⁸	Completed all routine items for a <u>NA</u> Inspection. This propeller is approved for return to service <u>[REDACTED]</u> <u>61A</u>

Propeller

page 1 of 1

N405WB

HARTZELL, HC-C3YR-1RF, S/N: DY-3620A

August 18, 2023

AFTT: 16524.0

TACH: 1858.1

TSPO: 825.8

C/W AAIP (B) Inspection IAW FAR 135.411 (a)(1) Per Inspection meeting the Requirements of NE Airlines AAIP.

I Certify this PROPELLER has been Inspected IAW NE Airlines AAIP SEL (B) Inspection and was determined to be in an airworthy condition.

Edward Clauson AP/IA [REDACTED]

SUB-TOTALS this page

TOTALS-Carry forward to next page

Wing Fatigue Cracking

DATE	TOTAL TIME AT COMPL.	TACH OR RECORDING METER TIME AT COMPL.	METHOD OF COMPLIANCE	NEXT COMPL	DUE AT	AUTHORIZED SIGNATURE & NUMBER
				TOTAL TIME	DATE, TACH, OR RECORDING METER TIME	
7/7/21	15761	11328	C/W 53 1345	20796	16328.9	

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Amendment 39-21371; Docket No. FAA-2018-1046; Product Identifier 2018-CE-049-AD.

(a) Effective Date

This airworthiness directive (AD) is effective February 16, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Piper Aircraft, Inc. (Piper) airplanes, certificated in any category, with a model and serial number shown in table 1 to paragraph (c) of this AD, and that meet at least one of the criteria in paragraphs (c)(1), (2), or (3) of this AD.

Note 1 to the introductory text of paragraph (c): An owner/operator with at least a private pilot certificate may do the aircraft maintenance records review to determine the applicability as specified in paragraph (c) of this AD.

(1) Has accumulated 5,000 or more hours time-in-service (TIS); or

(2) Has had either main wing spar replaced with a serviceable (more than zero hours TIS) main wing spar; or

(3) Has missing and/or incomplete maintenance records.

Aerotech Note: Table 1 to paragraph (c) that was in this space has been moved to page 3 to facilitate compilation of this adNote™

(d) Subject

Joint Aircraft System Component (JASC) Code 5711, Wing Spar.

(e) Unsafe Condition

This AD was prompted by a report of a wing separation caused by fatigue cracking in a visually inaccessible area of the main wing lower spar cap. The FAA is issuing this AD to detect and correct fatigue cracks in the lower main wing spar cap bolt holes. The unsafe condition, if not addressed, could result in the wing separating from the fuselage in flight.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Definitions

(1) "TIS" has the same meaning as the definition of "time in service" in 14 CFR

1.1.

(2) For purposes of this AD, "factored service hours" refers to the calculated quantity of hours using the formula in paragraph (h)(2) of this AD, which accounts for the usage history of the airplane.

(h) Review Airplane Maintenance Records and Calculate Factored Service Hours for Each Main Wing Spar

(1) Within 30 days after the effective date of this AD, review the airplane maintenance records and determine the number of 100-hour inspections completed on the airplane since new and any record of wing spar replacement(s).

(i) For purposes of this review, count any inspection conducted to comply with the 100-hour requirement of 14 CFR 91.409(b) pertaining to carrying persons for hire, such as in-flight training environments, even if the inspection was entered in the maintenance records as an "annual" inspection or as an "annual/100-hour" inspection. If the purpose of an inspection was to comply with § 91.409(b), then it must be counted. To determine the purpose of an inspection, note the repeating intervals between inspections, i.e., less than 10 months between, and typically 90-110 flight hours. An inspection entered as a "100-hour" inspection but done solely for the purpose of meeting the requirement to complete an annual inspection, or those otherwise not required by § 91.409(b), need not be counted. For operators utilizing a progressive inspection program, count the completion of each § 91.409(b) 100-hour interval as one inspection.

(ii) If a main wing spar has been replaced with a new (zero hours TIS) main wing spar, count the number of 100-hour inspections from the time of installation of the new main wing spar.

(See page 2)



SERVICE BULLETIN NO. 1345

Main Wing Spar Inspection

FEEDBACK FORM

Model: PA-32-300

Ex: PA-28R-180 Arrow

Inspection: 07 / 07 / 2021

Use MM/DD/YYYY format

Serial Number: 32-7640043

Ex: 2837001 (for a PA-28R-201)

Reg. No.: N405WB

Ex.: N123PA for U.S. registry

Total Time in Service: _____ hours

Aircraft Owner: _____

Phone: _____
Outside U.S., include country code

E-mail: _____
Note: not Web site, a contact email address

Service Center: _____ Contact: _____

Address: _____
Street, Suite/Apt No., City, State/Province, Country (outside U.S.), Postal Code (Zip)

Phone: _____
Outside U.S., include country code

E-mail: _____
Note: not Web site, a contact email address

NAS 410 Level II or III Technician:

Were any cracks found? YES ☐ NO ☒

**If yes: NOTIFY PIPER within 24 HOURS
at CustomerService@Piper.com**

Name (Print): SHAD MAGNO

Certificate No.: CRS T _____

Aircraft S/N: 32-7640043

Signature: _____

Inspected On: 07 / 07 / 2021

Use MM/DD/YYYY format

Questions? Call _____

Submit the completed form to PIPER AIRCRAFT, INC. at:

Email: airframe@piper.com

Fax: _____

Mail: _____

Vero Beach, FL USA 32960

Inspection Results Form

Email completed form to:
9-ASO-ATLCOS-Reporting@faa.gov
 and

Or mail to: Federal Aviation Administration
 Atlanta ACO Branch, AIR-7A1
 1701 Columbia Avenue
 College Park, GA 30337
 and

SUBJECT line: Docket No. FAA-2018-1046

Include photos if applicable

Aircraft Model No.: PA- 32-300	Serial Number: 32-7640043
Aircraft Total Hours Time-In-Service (TIS):	Registration Number: N405WB
Factored Service Hours Left-Hand (LH) Wing:	Right-Hand (RH) Wing:
(If both wings are factory installed original, these numbers should be the same)	
Inspection Results	
LH Wing Spar Fwd Accepted ☒ Rejected ☐	RH Wing Spar Fwd Accepted ☒ Rejected ☐
LH Wing Spar Aft Accepted ☒ Rejected ☐	RH Wing Spar Aft Accepted ☒ Rejected ☐
Inspector Comments (observed damage, condition of hole, etc)	
None	

Inspector Information

Name (print): SHAD MAGHO

Signature:

Certificate No.: CR5 TQ

Date:

07/07/2021

Issued on December 30, 2020.

Gaetano A. Sciortino,
 Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft
 Certification Service.

[FR Doc. 2021-00044 Filed 1-14-21; 8:45 am]