



RAM Aircraft, Limited Partnership • Waco Regional Airport

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
1/21/2021	4052.8	859.5	1639.3

CONTINENTAL TSIO-520-WB Left Engine S/N 518711

The above referenced engine was disassembled due to metal contamination and prop strike. The engine was cleaned, inspected and reassembled to service limits per CMI Standard Practice Maintenance Manual M-0 and CMI Overhaul Manual X-30574 and M-0 Chapter 6-5.1 prop strike inspection. Reused crankcase and crankshaft. Installed new camshaft S/N X120005, main and rod bearings and new lifters p/n SA628488 (int.), p/n SA646277 (exh.). C/W MSB96-10B ultrasonic inspection. Rods balanced to RAM specifications and new bolts and nuts installed in rods. Replaced large crankshaft gear with serviceable p/n 632893. Serviceable gears inspected per RAM Spec. 1818, Rev. P. Disassembled, cleaned and inspected cylinders. Honed to ring finish. New rings gapped and fit to pistons and cylinders. Leaked checked valves. Lapped valves in # 2, #3, #4, #6 cylinders. See tags for details. Reinstalled cylinder assemblies. Installed overhauled oil cooler S/N 1286, overhauled alternator drive coupling S/N QAA069749, oil pump S/N 606180 and starter adapter S/N 021011. Installed accessories in their respective positions with existing time in service with the exception of the prop governor and tach generator which were not installed per this work order. Installed new Slick magnetos P/N 6320, left S/N 21010106, right S/N 20110820. Customer furnished with a new vacuum pump S/N OH9602, overhauled wastegate S/N H-XKO00073 and turbocharger S/N H-XJR00123. Cleaned and flushed turbo controller. Benched checked. Prop governor needs to be replaced or overhauled if Woodward is installed per SB33574B and per SB 215C if a McCauley is installed. Serviced engine with Aeroshell 100 mineral oil. Run in test cell for 2 hours. Engine is approved for return to service for work performed. Engine preserved per CMI M-0 Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 9712.

*Stephen Waco*

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

1 of 1

ENGINE MODEL: TSIO-520-WB  
ENGINE S/N (L): 518711  
REG. NO: N6024C  
WORK ORDER: 1706-02-2021

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE: 3/4/2021  
A/C TSN: 5801.6  
ENG TT (L): 4052.8  
TSMOH (L): 859.5  
TACH: 1639.3

**Left Engine Entries**

Performed Annual Inspection IAW AMM Ch. 5-20-00. Performed compression test over 80 PSI: (MO:44) #1/78, #2/76, #3/76, #4/78, #5/78, #6/76. Drained oil and serviced with 12 Qts. Phillips 20WV50. Replaced oil filter with new Pn:CH48108-1. Inspected old filter with no defect noted. Performed exterior engine wash and leak/ operational test with satisfactory results.... Remove LH Engine for tear down and repair by RAM Aircraft following a prop strike event. Reinstalled engine after IRAN and prop strike inspection by RAM. CRS VA1R551K. TSMOH 859.5 TT in service 4052.8. Installed new VAC Pump LH Engine PN: AA442CW-4 SN: OH9602. Installed turbo down pipe PN: 102-950001-9.

**Maintenance Release**

I certify that this aircraft and/or component(s) on N6024C was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1706-02-2021, Dated 3/4/2021.

DATE: 3/4/2021

SIGNED:

*Barry*

Work Order: 1706-02-2021

Barry, IA: 2777367

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**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page







SOUTH COAST PROPELLER SERVICE, INC.  
5750 DUROSE DRIVE, BESSEMER, AL 35022  
205-426-7022  
REPAIR STATION #S6PR302X

GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED.  
MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO  
MANUFACTURER'S SPECIFICATIONS  
C/W SB-33531C, SB-33544, SB-33560, SB-33571C, SB-33574B

WORK ORDER # SR-13858  
MODEL # B210710  
SERIAL # 2169536A/B  
DATE 11/16/2020

  
STEPHEN ROSE,  
CHIEF INSPECTOR

1 of 1

MAKE: Beech  
MODEL: 58p  
S/N: TJ-185  
REG. NO: N6024C  
WORK ORDER: 1706-02-2021

Precision Flight Service, INC.  
126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE: 3/4/2021  
A/C TSN: 5801.6  
TACH: 1639.3

#### Airframe Entries

Performed Annual Inspection IAW AMM Ch. 5-20-00. See current AD list in aircraft logs for compliance on airframe, engines, and props. Complied with all applicable ICA's. Lubed airframe and serviced all fluids. Serviced Battery. Inspected and cleaned fuel strainers. Installed new gaskets.... Inspected elevator balance weights IAW AD "13-16-01" no defects noted next due at Tach: 1739.3... AD "2004-21-05" Heater Decay Test not due at this time next due at aircraft Tach: 1779.3 or 02-2022.... ELT battery Due. Removed and replaced battery pack with new PN: Pointer 2020. OPS check satisfactory. Tested IAW FAR 91.207. Next Due Nov 2022.... Tightened loose center bolt on NLG Torque Link.... Service all LDG Struts with fresh 5606 and nitrogen.... Remove debris from landing gear wells and perform a hard landing inspection for additional damage to landing gear and under side of aircraft fuselage and cowlings. Damage to underside of step assembly and end of turbo down pipe for LH Engine.... Research and find replacement wheel assemblies. Replace NLG PN: 36-8002-1. Replace MLG PN: 60-8002-9.... Removed LH MLG tire and replaced with new PN: 658C86-4 SN: 03010178 Installed new Airstop tube PN: 092-337-0.... Removed RH MLG tire and replaced with new PN: 658C86-4 SN: 03010154 Installed new Airstop tube PN: 092-337-0.... Cabin step is crack from bottom. Remove and Reinstall step after weld repair IAW AC 43.13-1B.... Remove and install prop governor PN: B210710 SN: 2169536A/B after major overhaul by South Coast Propeller.

#### Maintenance Release

I certify that this aircraft and/or component(s) on N6024C was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1706-02-2021, Dated 3/4/2021.

DATE: 3/4/2021

SIGNED:

Barry, IA: 2777367

Work Order: 1706-02-2021

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PROP MODEL (R): PHC-J3YF-2UF  
PROP S/N (R): ED5655B  
REG. NO: N6024C  
WORK ORDER: 1706-02-2021

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE: 3/4/2021  
A/C TSN: 5601.6  
PROP TT (R): 1433.3  
TSPOH (R): 1311.6  
TACH: 1639.3

**Right Prop Entries**

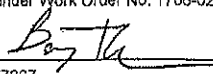
Performed Annual Inspection IAW AMM Ch. 5-20-00...Cleaned and dressed blades as required.

**Maintenance Release**

I certify that this aircraft and/or component(s) on N6024C was inspected in accordance with an Annual inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1706-02-2021, Dated 3/4/2021.

DATE: 3/4/2021

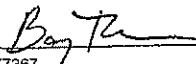
SIGNED:

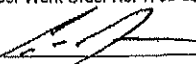


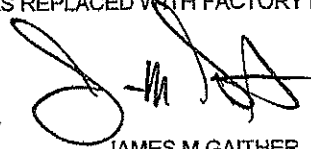
Work Order: 1706-02-2021


Barry, IA: 2777367

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Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				1 of 1
				<p>PROP MODEL (L): PHC-J3YF-2UF  PROP S/N (L): ED6632B  REG. NO: N6024C  WORK ORDER: 1706-02-2021</p> <p><b>Precision Flight Service, INC.</b>  126 Jack Pine Lane  Ponchatoula, La 70454  Phone: 504-909-9022</p> <p style="text-align: right;">DATE: 3/4/2021  A/C TSN: 5801.6  PROP TT (L): 1433.3  TACH: 1639.3</p> <p><b>Left Prop Entries</b></p> <p>Performed Annual Inspection IAW AMM Ch. 5-20-00... Cleaned and dressed blades as required.... Remove and install prop after overhaul by South Coast Propeller, Model PHC-J3YF-2UF SN: ED6632B.... Remove and install prop governor PN: B210710 SN: 2169536A/B after major overhaul by South Coast Propeller.</p> <p>Maintenance Release</p> <p>I certify that this aircraft and/or component(s) on N6024C was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1706-02-2021, Dated 3/4/2021.</p> <p>DATE: 3/4/2021                      SIGNED:                       Work Order: 1706-02-2021  Barry, IA: 2777367                      Printed by EBis 3 (datcomedia.com)</p>

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				1 of 1
				<p>PROP MODEL (L): PHC-J3YF-2UF  PROP S/N (L): ED6632B  REG. NO: N6024C  WORK ORDER: 1706-02-2021</p> <p><b>Precision Flight Service, INC.</b>  126 Jack Pine Lane  Ponchatoula, La 70454  Phone: 504-909-9022</p> <p style="text-align: right;">DATE: <del>3/4</del><sup>5/1</sup> 2021  A/C TSN: 5801.6  PROP TT (L): 1433.3  TACH: 1639.3</p> <p><b>Left Prop Entries</b></p> <p>Dynamic balance of LH prop to 0.082 IN/S at 226.2 degrees.</p> <p>Maintenance Release</p> <p>I certify that this aircraft and/or component(s) on N6024C was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1706-02-2021, Dated 3/3/2021.</p> <p>DATE: 3/3/2021                      SIGNED:                       Work Order: 1706-02-2021  Colton Lopez, A&amp;P: 3849387                      Printed by EBis 3 (datcomedia.com)</p>

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p style="text-align: center;">SOUTH COAST PROPELLER SERVICE, INC. 5750 DUROSE DRIVE, BESSEMER, AL 35022 205-426-7022 REPAIR STATION #S6PR302X</p> <p>MAJOR OVERHAUL. BLADES REFINISHED. PARTS DYE PENETRANT INSPECTED, MAGNAFLUXED, REPLATED &amp; REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, SET ANGLES, GREASED AND PAINTED. COMPLIES WITH AD'S &amp; SB'S LISTED ON 8130-3 FORM. BLADE S/N#S INSTALLED ARE: K93312, K93317, L84449. NOTE: BLADE SN# K93316 WAS REPLACED WITH FACTORY NEW BLADE SN# L84449. NOTE: HUB SN# ED5733B WAS REPLACED WITH FACTORY NEW HUB SN# ED6632B.</p> <p>WORK ORDER # SR- 13857 MODEL # PHC-J3YF-2UF BLADE MODEL # FC7663DRB HUB SN # ED6632B DATE: 12/07/2020</p> <div style="text-align: center;">         JAMES M GAITHER, GENERAL MANAGER     </div>

			<p style="text-align: center;">SOUTH COAST PROPELLER SERVICE, INC. 5750 DUROSE DRIVE, BESSEMER, AL 35022 205-426-7022 REPAIR STATION #S6PR302X</p> <p>GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS C/W SB-33531C, SB-33544, SB-33560, SB-33571C, SB-33574B</p> <p>WORK ORDER # SR-13858 MODEL # B210710 SERIAL # 2169536A/B DATE 11/16/2020</p> <div style="text-align: center;">         STEPHEN ROSE, CHIEF INSPECTOR     </div>
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ATC Transponder tests and inspections as required by FAR 91.413 I/A/W FAR 43, Appendix "F", have been performed:

Transponder #1 Model GTX327 S/N 83706328

Transponder #2 Model \_\_\_\_\_ S/N \_\_\_\_\_

Date 03/19/21 Signature [Signature]

Work Order No. 17008

AURIC AVIONICS & INSTRUMENTS  
6109 G. BELLANCA ST. NEW ORLEANS, LA 70126  
FAA APPROVED REPAIR STATION NO: UAWR246L  
504-245-0072 PHONE  
504-245-2495 FAX

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 I/A/W FAR 43, Appendix "E" have been performed:  
APPENDIX "E"

Para (a) Static System 03/19/21 (date)

Para (b) Altimeter (s)

Pilots EFD1000 Sfty 01-200-102

S/N 12466 S/N 976008

Tested to 35,000 feet

Date 03/19/21

Para (c) Integrated System Test 03/19/21 (date)  
Signature [Signature] Work Order No. 17008

AURIC AVIONICS & INSTRUMENTS  
6109 G. BELLANCA ST. NEW ORLEANS, LA 70126  
FAA APPROVED REPAIR STATION NO: UAWR246L