



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer Continental

Model 10-550-B

Serial No. 686131

Date installed on aircraft _____

Time Between Overhauls (TBO) 1700 Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

Waco Regional Airport
7505 Karl May Drive • P.O. Box 5219 • Waco, Texas 76708
Phone: (254) 752-8381 Fax: 254-752-3307
www.ramaircraft.com

HAMMOCK AVIATION SERVICES

BONANZA SPOKEN HERE

3002 W. ENNIS AVE ENNIS, TEXAS 75119

PHONE 972 875 4279 jerryhammock35@yahoo.com

19 APRIL 2018 N67551 E-2119 HOBBS TIME 1032.3 TSMOH 0.0

REMOVED TCM IO-550B ENGINE, S/N 281780-R. INSTALLED 0 SMOH TCM IO-550B ENGINE, S/N 686131, FROM RAM AIRCRAFT. ENGINE WAS INSTALLED USING NEW ENGINE ISOLATION MOUNTS, NEW FLUID HOSES, AND NEW DUCTING AS REQUIRED. EXISTING BDS BAFFELLING WAS REMOVED FROM OLD ENGINE AND INSTALLED ON THIS ENGINE. PROP GOVERNOR WAS SENT TO BYAM PROPELLER SERVICE FOR RE-BUILD, AND THEN INSTALLED WITH A NEW GASKET. EXISTING ALTERNATOR, AND VACUUM PUMP WERE TRANSFERRED TO THIS ENGINE, AND INSTALLED WITH A NEW GASKET. EXHAUST SYSTEM WAS INSPECTED FOR CRACKS AND INSTALLED WITH NEW GASKETS. EXISTING PROP, McCauley 3A32C409, S/N 831735 WAS RE-INSTALLED. ENGINE WAS SERVICED WITH 11 QTS PHILLIPS XC 20W50 OIL AND GROUND RUN TO CHECK FOR LEAKS AND CORRECT OPERATION.

Jerry Hammock LA#3913911TA

HAMMOCK AVIATION SERVICES

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04 AUGUST 2018 N67551 HOBBS TIME 1046.6

DRAINED OIL AND REMOVED FILTER. CUT OPEN OIL FILTER TO INSPECT FOR DEBRIS. NO DEBRIS NOTED IN OIL FILTER. INSTALLED NEW, CHAMPION 109-1 OIL FILTER, AND SAFTIED. SERVICED ENGINE WITH 11 QTS AEROSHELL W100 OIL. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NO LEAKS NOTED.

Jerry Hammock LA#3913911TA

17 May
2019

ENGINE REMOVED FOR TEAR DOWN #1SP.

@ RAM, WACO.

Jerry Hammock LA#3913911TA

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
6/14/19			



RAM Aircraft, Limited Partnership • Waco Regional Airport

CONTINENTAL IO-550-B Engine S/N 686131

The above referenced engine was disassembled due to a prop strike. The engine was cleaned, inspected and reassembled to service limits per CMI Standard Practice Maintenance Manual M-0 and CMI Overhaul Manual M-16 and M-0 Chapter 6-5.1 prop strike inspection. Reused crankcase, crankshaft, camshaft, lifters, main and rod bearings. C/W MSB96-10B ultrasonic inspection. Rods balanced to RAM specifications and new bolts and nuts installed in rods. Disassembled and cleaned cylinders. Reinstalled cylinder assemblies. Installed new prop governor S/N 191130. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump and alternator which were not installed per this work order. Installed overhauled Bendix magnetos right p/n IO-349350-5, left p/n IO-349350-4, right s/n F01KA077R, left s/n F12DA013R. Rapco Vacuum pumps need to be replaced per Rapco Service Letter RASL-003 if installed. Cleaned and flushed oil cooler, lifters, starter adapter and oil pump. Serviced engine with Aeroshell 100 oil. Ran in test cell for 1 hour. 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. 9128.

Stephan Wode

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

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DATE _____

HAMMOCK AVIATION SERVICES

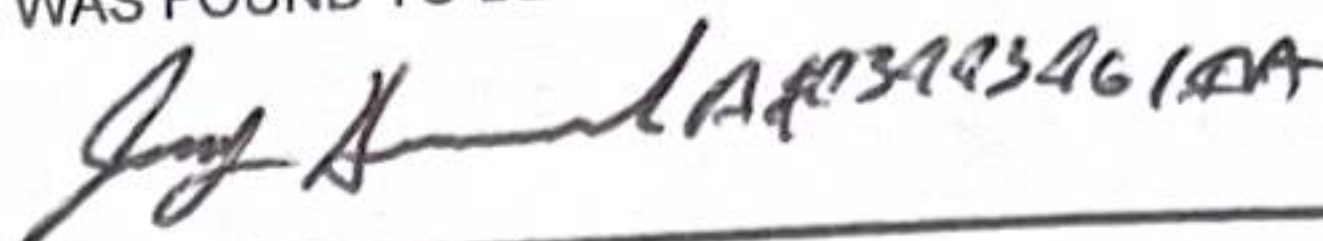
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25 OCT 2019 N67551 E-2119 HOBBS TIME 1057.7 TSMOH 25.4

RE-INSTALLED ENGINE AFTER TEAR DOWN INSPECTION, PERFORMED BY RAM AIRCRAFT. REPLACED ENGINE MOUNT LEGS, P/N 632663, 4 EA, WITH NEW PARTS. INSTALLED EXHAUST USING NEW GASKETS AND STAINLESS STEEL HARDWARE. SERVICED ENGINE WITH 12 QTS PHILLIPS 20W50 OIL AND INSTALLED NEW, CHAMPION 109-1 OIL FILTER. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

A#03193461AA

HAMMOCK AVIATION SERVICES

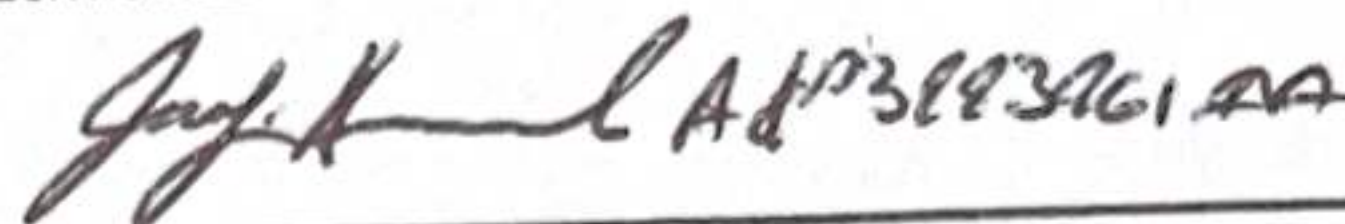
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3002 W. ENNIS AVE ENNIS, TEXAS 75119

PHONE 972 875 4279 jerryhammock35@yahoo.com

20 JAN 2020 N67551 TACH TIME 1080.8

DRAINED OIL AND REMOVED FILTER. INSTALLED NEW, CHAMPION 109-1 OIL FILTER, TORQUED AND SAFTIED. SERVICED ENGINE WITH 11 QTS AEROSHELL 15W50 OIL. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NONE NOTED.

A#03193461AA

LOG BOOK INSERT

10 APR 2020

N67551 BEECH A36 SER#E-2119 TCM SER#686131 HOBBS 01096.7

REMOVED AND REPLACED DEFECTIVE ENGINE DRIVEN VAC PUMP

SER# OFF 010401 INSTALLED OVERHAULED PUMP SN 30608

HOLLY AERO WO 30668 CRS #H7YR030Y, REPLACED VACUUM PUMP INLET AND OUTLET FILTERS, AND REPLACED HOSE AS REQUIRED. OTHER HOSES BLOWN OUT WITH NITROGEN

RAN ENGINE VACUUM PRESSURE PUMP FOUND NORMAL OPERATION

2248480 AcP

TOTALS - Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
HAMMOCK AVIATION SERVICES BONANZA SPOKEN HERE 3002 W. ENNIS AVE ENNIS, TEXAS 75119 PHONE 972 875 4279 jerryhammock35@yahoo.com 24 JUNE 2020 N67551 1-OBBS TIME 1109.7 DRAINED OIL AND REMOVED FILTER. INSTALLED NEW CHAMPION 109-1 OIL FILTER. TORQUED AND SAFTIED. SERVICED ENGINE WITH 11 QTS AEROSHELL 15W50 OIL. ENGINE WAS GROUND RUN TO CHECK FOR LEAKS. NONE NOTED.				
				 ADP34346/PA

LOG BOOK INSERT

03DEC2020

N67551 BEEHCRAFT A36 TCM SER#686131 TTSMOH 100.10

DRAINED OIL, CUT OPEN FILTER NO CONTAMINATION FOUND AT THIS TIME. INSTALLED A NEW FILTER TEMPEST 109. COMPRESSION CHECK 1-76 2-74 3-74 4-74 5-75 6-74 ALL OVER 80psi. CHECKED AND SPARK PLUGS TESTED INSTALLED SAME. CHECKED FUEL NOZZLES FOR LEAKS, REPLACED MAIN/STBY PRESSURE AIR FILTERS, AND MAIN ENGINE INTAKE FILTER. CHECKED MAG TO ENGINE TIMING, STANDBY ALT WAS INOP, SEE AIRFRAME LOG FOR FIX DETAILS.

FAA AD20-16-11 CROSSFLOW CYLINDER N/A NOT TCM INSTALLED ON THIS ENGINE (SUPERIOR CYLINDERS AT OVERHAUL) ENGINE WAS SERVICED WITH AEROSHELL W15/50 OIL, RAN ENGINE NO LEAKS OR DEFECTS NOTED AT THIS TIME NOTE ALT STANDBY OP CHECKED OK

DATE 03 Dec 2020 TOTAL TIME 100.10 TSN

I CERTIFY THAT THIS ENGINE HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 ANNUAL / 100 HR. INSPECTION, AND HAS
 BEEN DETERMINED TO BE IN AN AIR WORTHY
 CONDITION.

 224940. ASD/IA

Augustus Aviation Service
 9000 N. Navarro Rd.
 Corsicana Tx, 75109
 (469)235-4674

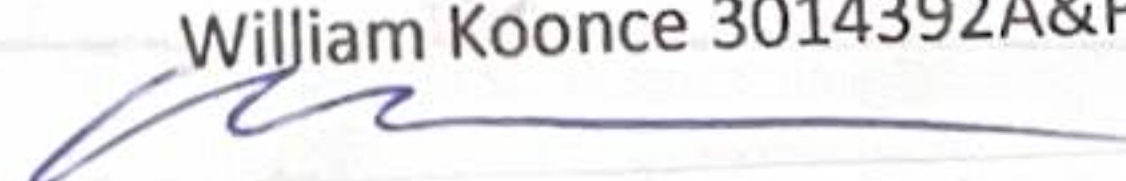
Airframe

Tach:

Date: 7/15/2021

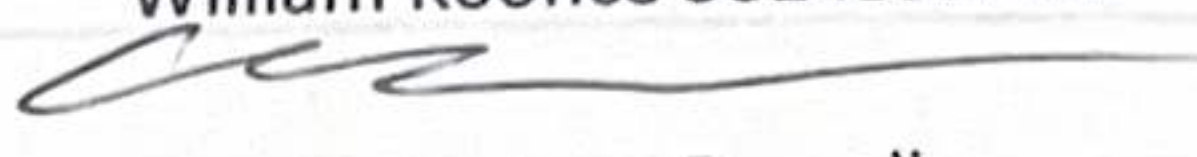
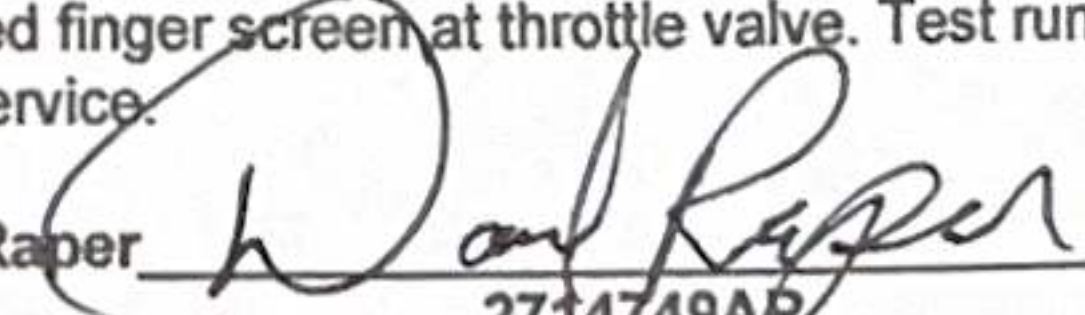
N67551

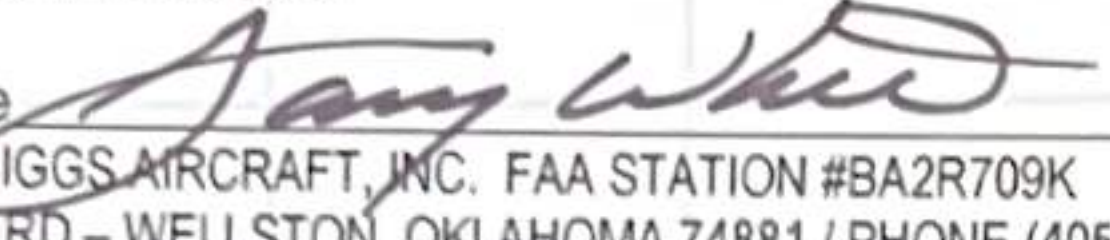
Troubleshoot popping lighter circuit breaker and found aft power receptacle to be shorting out. Removed receptacle and adjusted power tabs as to not ground out, reinstalled receptacle and system operated properly. Work completed in accordance with Beechcraft A36 maintenance manual. END.

 William Koonce 3014392A&P

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Augustus Aviation Service 9000 N. Navarro Rd. Corsicana Tx, 75109 (469)235-4674				Engine Hobbs:1205.5 Date: 1/23/2022 N67551 Engine: IO-550B S/N: 686131 Completed a 100hr inspection to Engine in accordance with FAR 43 Appendix D with reference to Beechcraft A36 inspection guide. Completed a differential compression test and the numbers were as follows, 1) 70 /80 2) 71/80 3) 76/80 4) 73/80 5) 77/80 6) 74/80. Removed sparkplugs and installed new 12ea P/N: RHB32E. Drained oil and removed filter, opened filter and no metal noted. Serviced engine with 12qts Aeroshell 15W50 oil and installed new filter P/N: CH48109-1. Checked timing. Ran engine and systems function checked ok. Work completed in accordance with Beechcraft A36 maintenance manual. I certify this Engine has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy condition. William Koonce 3014392A&P 
Augustus Aviation Service 9000 N. Navarro Rd. Corsicana Tx, 75109 (469)235-4674				Engine Hobbs:1229.6 Date: 1/10/2023 N67551 Engine: IO-550B S/N: 686131 Completed a 100hr inspection to Engine in accordance with FAR 43 Appendix D with reference to Beechcraft A36 inspection guide. Completed a differential compression test and the numbers were as follows, 1) 69 /80 2) 69/80 3) 75/80 4) 71/80 5) 70/80 6) 70/80. Drained oil and removed filter, opened filter and no metal noted. Serviced engine with 12qts Aeroshell 15W50 oil and installed new filter P/N: AA48109-1. Checked timing. Ran engine and systems function checked ok. Work completed in accordance with Beechcraft A36 maintenance manual. I certify this Engine has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy condition. William Koonce 3014392A&P 
2-1-24 Hobbs 1245.4				02-01-24 N67551 Engine Log ENGTT: 213.1 Hobbs: 1245.4 Performed 100Hr Inspection on IO-550 B Continental Per FAR 43 Appendix D. Performed differential compression test. Results as follows #1 78/80 #2 74/80 #3 75/80 #4 75/80 #5 76/80 #6 73/80. Checked magneto timing. No defects noted at this time. Changed oil and oil filter using Tempest oil filter # AA48109-2 and 12 Qts Aeroshell W15/50. Cleaned finger screen at throttle valve. Test run for leaks and mag drop. No defects noted. Ok to return to service. David Raper  2714749AP
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
Engine Log N67551 DATE 21-JAN-2025 Continental Motors IO-550B B S/N 686131 Hobbs, time: 1250.8 TSMO: 218.5 TT:2685.2 WO# 4833				
01. Remove engine IO-550-B S/N 686131 from N67551 S/N E-2119 I/A/W Beech Maintenance Manual - 36-590001-9: Revision - D2, Revision Date - May 29, 2024, chapter 71. Ship to Ram Aircraft LP for inspection.				
I certify that with respect to the work performed this Engine was inspected in accordance with current regulations. Only those items specified in work order have been inspected, found to be airworthy and approved for returned to service. No other representations concerning airworthiness are expressed or implied. Pertinent details of the repair are on file at the agency under work order # 4833 dated 21-JAN-2025.				
Signed <u>Gary White</u>  Inspector for BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965				
Private Airstrip - 8 miles West of Chandler, Oklahoma Identifier 43 OK Phone: 405-258-2965 Fax: 405-258-3016 biggsair@yahoo.com				
Biggs Aircraft Inc CRS BA2R709K				
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The RAM logo, featuring the word "RAM" in a bold, blue, italicized sans-serif font, with a horizontal line passing through the middle of the letters. A small "TM" trademark symbol is located to the right of the word.

Lawrence P. Garcia

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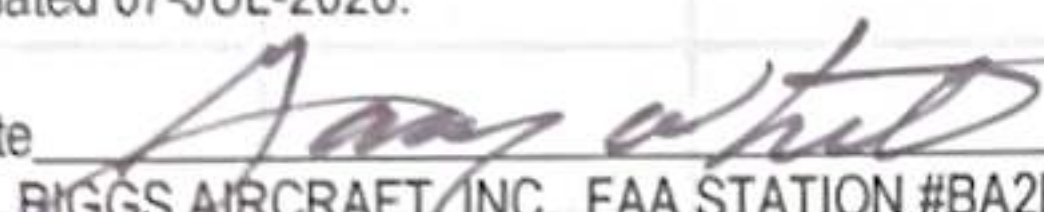
ENGINE LOG

DATE 07-JUL-2026 Continental IO-550-B S/N 686131 N67551
Hobbs TIME: 1250.8 SMOH 218.5 Total Engine Time: 2685.2 WO# 4833

01. Complied with **Annual/100-hour inspection** I/A/W 14 CFR Part 43 appendix D and with reference to Beechcraft Inspection guide from Beech M/M P/N 36-590001-9: Revision - D3, Revision Date - Mar 1, 2026, chapter 5-20-00. All AD's checked through current bi-weekly 2026-13 C/W all I/C/As for STC equipment.
02. Performed Differential cylinder compression test I/A/W Continental M-O 6-4.11.2. 1)75/80 3) 76/80 5) 76/80 2)75/80 4) 75/80 6) 74/80.
03. Serviced engine with Phillips 20W-50 X/C engine oil. Engine ground ran, no leaks at this time.
Engine idle-mixture, fuel flow and idle checked and set I/A/W Continental SID97-3G.
- Maintenance Actions Performed:**
01. **Remove propeller and engine.** Sent engine to Ram Aircraft, LP for prop strike inspection. Reinstall engine after returning I/A/W Beech M/M P/N 36-590001-9: Revision - D3, Revision Date - Mar 1, 2026. Installed **new propeller governor**, and had stand-by alternator inspected by B&C Specialty Products Inc.

Aircraft flown and all operational checks performed per 14CFR part 91.407b.
I certify that with respect to the work performed, this Engine was inspected in accordance with current regulations. Only those items specified in work order have been inspected, found to be airworthy and approved for returned to service. No other representations concerning airworthiness are expressed or implied. Pertinent details of the repair are on file at the agency under work order # 4833 dated 07-JUL-2026.

Signed Gary White



Inspector for

BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K
336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965

Biggs Aircraft Inc CRS BA2R709K

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Biggs Aircraft

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