

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)	Alteratio YEAR 20 DATE
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N123JB

2/5/2019

TACH: 822.85

S/N CD-313

ENGINE TIME SINCE FACTORY REBUILD: 0.00

Discrepancy

Owner reports engine kick back on starting, propeller won't pull through by hand. Investigation found damaged teeth on gears in accessory area of engine.

Corrective Action

NOTE: TACH WAS RESET TO '0.00' AT THIS TIME.

Removed CM IO470K S/N 86013-O-K and installed rebuilt CM IO470N13B S/N 1036858. Engine was installed in accordance with D'Shannon Blue Star Conversion STC# SA5527SW. In addition to the engine install there were multiple other STC installations were completed at this time.

- 1) Oil Filter Adapter, Stratus Tool Technologies, LLC, STC#SE09356SC. ICAs REQUIRE RETORQUE AT 8-12 HOURS TIS TO 65 FT LBS AND ANY TIME AFTER ADAPTER REMOVED.

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- 2) Reusable Air Filter, Challenger Aviation Products, Inc., STC#SA01669CH. ICAs REQUIRE COMPLIANCE WITH DOCUMENT #4003 REV.D DATED AUG. 31, 2005 OR LATER FAA APPROVED REVISION.
- 3) Engine Cooling Baffles, D'Shannon Products, LTD, STC#SA01165CH. ICAs REQUIRE INSPECTION BY PILOT PRIOR TO EACH FLIGHT AND EACH TIME COWLS ARE REMOVED FOR MAINTENANCE. CONSULT LATEST REV. OF DP-ICA-200 REV.B.
- 4) Induction Air Box, D'Shannon Products, LTD, STC#SA5527SW. ICAs REQUIRE INSPECTIONS ON AN ANNUAL BASIS. CONSULT LATEST REV. OF DP-ICA-722100.
- 5) GAMI Fuel Injectors, General Aviation Modifications, Inc., STC#SE09217SC. INSTALLATION PROCEDURE IP-96-001 REV. 005 RECOMMEND REMOVAL AND CLEANING OF NOZZLES EVERY 100-200 HOURS.
- 6) Propeller, McCauley Propeller Systems, STC#SA00718CH.

[illegible]

Number of
specific entries.)

IA

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

Craig Griswold
A&P [REDACTED] IA
Griswold Aviation LLC
www.griswoldaviation.com

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Beech 35-A33
S/N CD-313
ACTT: 3876.28
3/21/2019

N123JB

Engine:
Continental IO-470N
S/N 1036858
ETSO: 15.43

15.43

Engine Log Entry

Drain engine oil and removed oil filter. Cut open filter to check for metal particles, none found. Serviced engine with 9 quarts of phillips 20W50 oil. Installed new Tempest AA48108-2 oil filter. Preformed ground run on engine, leak check OK.

Time at Old Engine replacement	
Tach	822.65
ACTT	3860.85

Paul Emaus Owner, pilot license #

YEAR
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Beech 35-A33
S/N CD-313
ACTT: 3917.44
4/22/2019

N123JB

Engine:
Continental IO-470N
S/N 1036858
ETSO: 41.16

41.16

Engine Log Entry

Drain engine oil and removed oil filter. Cut open filter to check for metal particles, none found. Serviced engine with 9 quarts of phillips 20W50 oil. Installed new Tempest AA48108-2 oil filter. Preformed ground run on engine, leak check OK.

Paul Emaus Owner, pilot license #

[illegible]

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Beech 35-A33
S/N CD-313
ACTT: 4024.96
8/13/2019

N123JB

Engine:
Continental IO-470N
S/N 1036858
ETSO: 110.74

110.74

Engine Log Entry

Drain engine oil and removed oil filter. Cut open filter to check for metal particles, none found. Serviced engine with 10 quarts of phillips 20W50 oil. Installed new Tempest AA48108-2 oil filter. Preformed ground run on engine, leak check OK.

Paul Emaus Owner, pilot license #

Beech 35-A33
S/N CD-313
ACTT: 4060.67
10/26/2019

N123JB

Engine:
Continental IO-470N
S/N 1036858
ETSO: 146.45

146.45

Engine Log Entry

Drain engine oil and removed oil filter. Cut open filter to check for metal particles, none found. Serviced engine with 10 quarts of phillips 20W50 oil. Installed new Tempest AA48108-2 oil filter. Preformed ground run on engine, leak check OK.

Paul Emaus Owner, pilot license #

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DATE: May 11, 2020	ENGINE MODEL: IO470N13B	ENGINE S/N: 1036858	ENGINE TT 195.65
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Continental Services
Fairhope, Alabama, USA

This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled, cleaned, and inspected in accordance with Continental Manuals X30588 (revision date of 03/13) and M-0 (09/19). The following serialized items were installed as replacements: magneto (F18KA037), magneto (F19EA234). Cylinders were disassembled, cleaned, and repaired as required for serviceable condition. Engine assembled in accordance with X30588 and M-0 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable Service Bulletins and Airworthiness Directives have been complied with. This engine has been tested in accordance with procedures listed in X30588 and M-0 and has been accepted. I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order ES-9480.

Complied with the following Service Bulletins and Airworthiness Directives: M87-23, M93-4, M93-8, MSB94-8D, MSB96-10B, SB07-1, SB18-07, SB653, SB658, SB97-11, SID96-6, SIL19-08, SIL19-10.

MECHANIC: [Redacted Signature]	AUTHORIZATION: [Redacted Signature]
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1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: ES-9480.1	
4. Organization Name and Address CMS Continental Motors Services, [REDACTED], Fairhope, Alabama 36532, United States					5. Work Order/Contract/Invoice Number: ES-9480	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Engine	IO470N13B	1	1036858	Repaired	
12. Remarks: THIS ENGINE WAS DISASSEMBLED, CLEANED, INSPECTED, REPAIRED, REASSEMBLED, AND TESTED IAW CONTINENTAL MANUALS X30588 (REVISION DATE OF 03/13) AND M-0 (09/19). COMPLIED WITH THE FOLLOWING SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES: M87-23, M93-4, M93-8, MSB94-8D, MSB96-10B, SB07-1, SB18-07, SB653, SB658, SB97-11, SID96-6, SIL19-08, SIL19-10.						
			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
			14b. Authorized Signature: [REDACTED]		14c. Approval/Certificate No: [REDACTED]	
			14d. Name (Typed or Printed): Charles Baggett		14e. Date (dd/mm/yyyy): 5/11/2020	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

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THE OHIO STATE UNIVERSITY AIRPORT

Columbus, Ohio 43235-2526

CRS#

Date: 5/22/2020 Work Order#: AM09814 N#: 123JB

Aircraft Make/Model: Beechcraft 35-A33 Serial#: CD-313

Engine Make/Model: TCM IO-470-N Serial#: 1036858

Tach. Time: 195.65 TSMOH: NEW TT: 195.65

Engine Log;

1. Installed TCM engine IO-470-N, S/N 1036858 after prop strike inspection (see engine log entry by Continental Services dated 5/11/2020) onto aircraft N123JB, Beechcraft 35-A33, S/N CD-313 using AC43.13-1B as a guide.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature: _____

for CRS# _____