

03-14-2024

Aircraft TT=3381.3

N9757L Beechcraft C23 s/n M1378
TACH=2528.2 Eng=TSOH 1363.6

Prop TT=3381.3

DATE

RECOR

TAC

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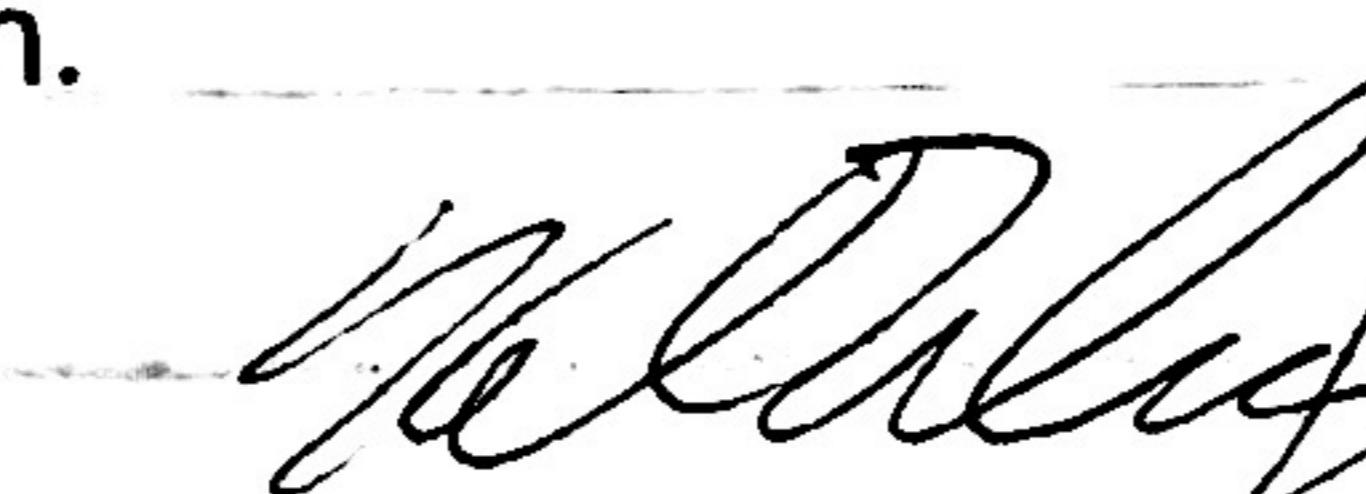
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RIES.)

Performed annual inspection on Lycoming O-360 A4G engine s/n L-16194-36A. Performed engine runup. Installed new Bracket BA7305 air filter element. Removed existing carburetor and installed overhauled Marvel Schebler HA-6 10-5219 carburetor s/n MS17HK04 with new gasket set. Idle mixture and idle rpm set per Beechcraft shop manual. All engine controls to carburetor checked for proper installation. Removed all 8 spark plugs, cleaned, gapped, rotated and re-installed with new copper crush washers and torqued. Removed oil filter, cut open for inspection. No debris found. Installed new AA48110-2 oil filter and safety wired. Performed cylinder leak down test. #1 75/80, #2 78/80, #3 79/80, #4 76/80. Checked timing on both magnetos. Drained oil and filled with 8 quarts of Phillips Victory 20w50. Replaced leaking pushrod inner tube seals on cylinders #1 & #3 with Superior SL18661 seals. Replaced leaking valve cover gaskets on all 4 cylinders with p/n 05-11181. Inspected exhaust system and heater muffler for cracks or defects. None found. Fabricated bracket for Skeet tubing to heater duct. Ran engine post inspection for proper operation and leak check. Complied with all engine AD's. Spinner and backplate inspected for cracks. None found.

I certify this engine and propeller have been inspected in accordance with an annual inspection and found to be in airworthy condition.

Kurt F Bromschwig, A&P/IA 3520429



| DATE | TOTAL TIME IN SERVICE | REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY. |
|------------|-----------------------------|--|
| 03/14/2025 | TACH 2550.1 | <p>DRAINED OIL. SERVICED WITH 8 QUARTS AEROSHELL 15W50 W/ NEW CHAMPION CH48110-1 FILTER. INSTALLED NEW CHAMPION REM 40E SPARK PLUGS IN UPPER CYLINDERS 3 + 4.</p> <p>PERFORMED COMPRESSION CHECK AS FOLLOWS:</p> <p>CYLINDER 1 78/80</p> <p>CYLINDER 2 77/80</p> <p>CYLINDER 3 78/80</p> <p>CYLINDER 4 78/80</p> <p><i>2025</i> 3009418AP 03/14/2025</p> |

ING AGENCY.

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REM 40E

| DATE | A. D. NUMBER | TOTAL TIME IN SERVICE |
|------|-----------------|-----------------------------|
| 19 | | |

AIRWORTHINESS DIRECTIVES
CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

Date: 4/4/2025, Aircraft: N9757L, Make: Beech C23, S/N M-1378, AFTT: 3403.4, Tach: 2550.3, Hobbs: 1753.3 Engine: Lycoming, Model: O-360-A4G, S/N:L-16194-36A, ETT: 1385.6 PTT: 3403.4

Performed 100hr/Annual inspection of this engine and propeller per FAR 43 App. D. Compressions are as follows over 80 psi: 1) 78, 2) 77, 3) 78, 4) 78. Oil change not due at this time. Cleaned cylinder primer nozzles. Cleaned fuel screens and drained carb. Cleaned, gapped, and tested spark plugs. Performed satisfactory ground runs and leak checks.

I certify that this engine and propeller has been inspected IAW an 100hr/Annual inspection and found to be in an airworthy condition.

Don Brown A&P 383700407

Aaron Andrews IA 3013340

D. Brown
Aaron Andrews

DA This engine was removed from aircraft due to camshaft failure. This engine has been disassembled, cleaned, inspected, reassembled, and tested in accordance with the manufacturer's instructions: Form #: 60294-7 Direct 19. Drive Engine Overhaul Manual Revision dated April 2020. The following components were installed as replacements: All mandatory replacement items (See Lycoming MSB 240AA for details); (8) Lifter p/n: 72877 (recertified by AC Spec {crs DD2R764K} on WO# 283459), (1) Camshaft p/n: 76097 (recertified by AC Spec {crs DD2R764K} on WO# 283459), (1) Crankshaft Gear p/n: 13S19646 (recertified by AC Spec {crs DD2R764K} on WO# 287895) (8) New Piston Pin Caps p/n: 72198, (4) New Superior Airparts Cylinders p/n: SL36006W-A20P S/N: 366W000023517, 366W000021348, 366W000022004, 366W000023518, Serviceable Oil Pump Body, Assy Housing modified per Lycoming SI 1341, Serviced Engine with 8qts of Phillips 20-50 XC. All applicable Airworthiness Directives have been complied with. With respect to the work performed, this engine is found to be in a safe condition to return to service.

Reg. Number: N9757L

Date: 04/Sept/2025

Make/Model: Lycoming / O-360-A4G

Serial Number: L-16194-36A

Time in service: Engine TT: 2566.5 / TSMOH: 1401.9



Authorized Signature

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CHRONOLOGICAL LISTING OF AIRWORTHINESS DIRECTIVES

AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

REASON FOR REMOVAL AND REASON FOR DISCONTINUATION OF COMPLIANCE AND METHOD OF COMPLIANCE.
Removed ~~the~~ Left Mag P-Lead capacitor and
replaced with new PN: 10-400615-AC Test Ran.
Engine Both Mags checked good @ 1800 rpm
Both with mag drops within spec. All work
performed IAW Bendix, and Lycoming manuals.
With respect to the work performed, this
engine is found to be in a safe condition to
return to service.

far - Kit 3792605 P