

Aircraft Record General Information

Manufacturer BEECHCRAFT Model A36TC
Serial EA-171 Registration Number N3803J
Date of Manufacture 1980

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____



271178

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ber of
entries.)

N3803J

TACH: 2859.0

W.O. 163920

Date: 24 Sept 2016

C/W Annual Inspection IAW Beechcraft Bonanza A36TC MM p/n 36-590001-9 Rev C9 dated 1 Jan 2016. AD research performed up to this date. L/H magneto p/n 10-3492205, s/n A169620FR and R/H magneto p/n 10-349260-6, s/n J309617FR 500hr inspection performed by Aircraft Magneto Service FAA Cert No. X42001-2. Timed to recommended settings. Adjusted engine idle. Installed new R/H gear uplock cable p/n 35-815109. Adjusted L/H and R/H uplock cable tensions. Adjusted main gear bumper bolts to proper dimensions. Adjusted L/H and R/H main gear uplock rollers. Performed gear swings as required to assure proper gear rigging. Serviced shimmy damper with 5056A hydraulic fluid. Installed new left brake linings p/n 66-105. Recontoured right aileron lower fairing to original configuration to alleviate chafing. Adjusted autopilot servo cable to alleviate rubbing condition on servo motor housing. Installed overhauled turbocharger p/n 406610-9029, s/n H-RKR00040. Repaired oil temp sensor wire near cannon plug. Installed new instrument air filter cover p/n 58-910021-1. Installed new cabin/cockpit heating & ventilation air inlet duct assy p/n 36-550052-1 and Seat tubing p/n 131824DXX120423. Installed new left aft engine Lord mount p/n J10520-1. Bled brake system using 5056A hydraulic fluid. Installed new L/H and R/H emergency exit seals p/n 002-430008-411. Removed STC# SA99750; Beryl D'Shannon windshield. Installed STC# SA992NE; LP Aero Plastics, Inc. windshield p/n LP-981.375 SG IAW LP Aero Plastics, Inc. Report No. 269/COM dated 25 April 2001. Ref FAA form 337 dated 22 Sept 2016. Removed STC# SA287OWE; Beryl D'Shannon copilot vented side window. Installed STC# SA1078NY; LP Aero Plastics, Inc. copilot vented side window, p/n LP-997WV SG and pilot vented side window p/n LP-211WV SG using LP Aero Plastics, Inc. Report No. 975/COM dated 28 Jan 1997. Ref FAA form 337 dated 22 Sept 2016. Removed STC# SA3759NM; G&D Aero Products, Inc. window liners. Weight & Balance change negligible. Installed new center left openable window p/n LP-254 DG, new center right openable window p/n LP-255 DG, new left #3 window p/n LP-028 DG, new left #4 window p/n LP-020 DG, new right forward utility door window p/n LP-024 DG, and new right aft utility door window p/n LP-025 DG using PR 1425B1/2 sealant. Performed lubrication schedule. Ran up aircraft. Ops/leak check good at this time. Performed test flight to comply with Kelly Aerospace Service Bulletin No. 23, dated 8 Feb 2006; Turbocharger System Operational Tests. No defects noted at this time.

MAINTENANCE RELEASE

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and has been found to be in airworthy condition. Pertinent details are on file at the Repair Station under the work order number stated above.

(Signature)

CRS N36P011N

REPAIR STATION
FEDERAL AVIATION SERVICES

DATE

YEAR

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries.)

Inspections, Tests, Repairs and Alterations
Recorded with Name, Rating and Certificate Number of
Repair Facility. (See back pages for other specific entries.)

W.O.# 164462

Used flight command indicator p/n 060-0017-00, s/n 23476.
36TC MM p/n 36-590001-9 Rev C9 dated Jan 2016.

Inspections of the Federal Aviation Administration and is approved
and are on file at the Repair Station under the work order number

TUNE
ON SERVICES

DATE: 2/17/2017
A/C TSN: 2920.9
TACH: 2920.9

1 Trim Tab on RH Aileron to correct LH wing heavy

Inspected and determined to be airworthy with respect to the work

Work Order: 6S50205

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YEAR:

DATE:

MAKE: Beech
MODEL: A36TC
S/N: EA-171
REG. NO: N3803J
WORK ORDER: 6S50205



Choice Aviation, LLC
Hamilton, MT Shop - 6S5
Hamilton, MT 59840

DATE: 2/17/2017
A/C TSN: 2920.9
TACH: 2920.9

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of
as.)

Airframe Entries

LH Main Fuel Gage sticking on full. Noted RH fuel gauge also inop at full tank level. Found RH sender was loose and sagging in fuel cell. Also found corroded ring terminal ends on sender wiring. Replaced corroded terminal ends with new, and cleaned sender terminals. Temporarily supported RH fuel sender with nylon ties while awaiting parts. Verified calibration per Bonanza series maintenance manual 28-40-00 sec 1.c.3 and verified correct at 1/2 tank (20 gal) and 3/4 tank (30 gal). Cannot verify Full (40 gal), until sender is replaced. Cleaned terminals, and adjusted LH fuel tank sender. Calibrated to Full per instruction, Bonanza series maintenance manual 28-40-00 sec 1.c.3

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was inspected and determined to be airworthy with respect to the work performed, and is approved for return to service.

DATE: 2/17/2017

SIGNED:

Hal Reichart Jr., A&

Work Order: 6S50205

Printed by EBis 3 (datcomedia.com)

MAKE: Beech
MODEL: A36TC
S/N: EA-171
REG. NO: N3803J
WORK ORDER: 6S50205



Choice Aviation, LLC
Hamilton, MT Shop - 6S5
Hamilton, MT 59840

DATE: 2/17/2017
A/C TSN: 2920.9
TACH: 2920.9

Airframe Entries

Trouble shot dome light and found disconnected terminal plug, and one bad bulb PN-1864. Reconnected plug and install new bulb....Removed old PTT and installed larger PTT. PN 1825404-2....Removed dirty stand-by vacuum filter and replaced.
PN-AAD9-18-1

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was inspected and determined to be airworthy with respect to the work performed, and is approved for return to service.

DATE: 2/17/2017

SIGNED:

Michael Ellis, A&

Work Order: 6S50205

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ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N3803J

Engine Manufacturer Continental

Model TS10-520-UB

Serial No. 248908-R

Date installed on aircraft 9-19-10

Time Between Overhauls (TBO) _____ Hours

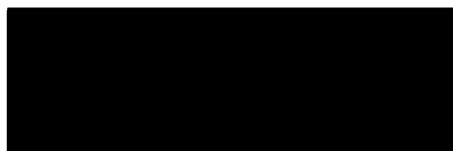
If used on multi-engine aircraft:

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



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.



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

ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS
 TT_2287.2_ TSMOH_2.1_ (test run time only)
 MODEL_TSIO-520-UB_ S/N_248908-R_

The aircraft engine identified above was repaired and inspected in accordance with manufacturers specifications and current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under,

Work order number_21986_

Dated_Aug. 25, 2010_ Signed_ [REDACTED] for
 Custom Airmotive, Inc.

[REDACTED]
 Tulsa, OK 74115 USA

[REDACTED]
 FAA Certified Repair Station DC2R763K

Fuel system, magnetos, turbocharger, waste gate, VAPC, stby. gen, alternator, starter, prop gov., were also overhauled. Ignition harness, spark plugs and oil filter are new. This engine is equipped with _New ECI Titan steel bore p/n TIST71.4BCA_ cylinders.

Model_TSIO-520-UB_ S/N_248908-R_ WO#_21986_ Total Time_2287.2_

A.D. # Method of compliance

80-01-04 N/A TO THESE NEW CYLINDERS PER P/N'S.

81-24-06 TO BE C/W BY INSTALLER IN A/C.

86-13-04 N/A TO THESE NEW CYLINDERS PER P/N'S.

87-14-22 N/A TO THIS P/N ADAPTER.

88-03-06 C/W BY USE OF A CHAMPION FILTER.

88-17-03 N/A TO THIS P/N ADAPTER.

89-24-01 P/C/W; HAD RE-DESIGNED GEARS.

89-24-03 TO BE C/W BY THE INSTALLER IN THE A/C.

91-19-03 N/A TO THIS DATE CODED FILTER.

93-10-02 N/A TO THESE PROPERLY ASSEMBLED CYLINDERS.

93-16-15 C/W BY USE OF 653359 COUPLING.

95-21-15 N/A TO THIS OVERHAULED ENGINE.

97-26-17 C/W BY USE OF VAR CRANKSHAFT W/ULTRASONIC INSP..

98-01-08 N/A; HAS TCM ROCKER ARMS.

99-19-01 C/W BY USE OF VAR SHAFT S/N 881637.

00-23-21 C/W BY USE OF VAR SHAFT S/N 881637.

04-08-10 N/A TO THESE CYLINDERS PER S/N'S.

07-04-19 N/A TO THESE ECI CYLINDERS.

09-16-03 N/A TO THESE CYLINDERS PER S/N'S.

09-19-07 N/A TO THESE ECI CYLINDERS.

10-11-04 C/W: AFFECTED P/N LIFTERS NOT INSTALLED.

Signed_ [REDACTED] for CRS# DC2R763K on_Aug. 25, 2010_

The Flight Shop, Inc. 435-723-3469 2/25/2015 N3803J Tach 2705.15
Engine Log

1. Changed engine oil, serviced with Shell 15w50; 2. Changed engine oil filter, opened old no contamination found; 3. Set full power fuel flow down; 4. Ground run engine, satisfactory.

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

A

Craig Hulse

The Flight Shop, Inc. 435-723-3469 2/10/2016 N3803J Tach 2754.7
Engine Log

1. Changed engine oil, serviced with Aeroshell 15W50; 2. Changed engine oil filter, opened old filter no contamination found; 3. Replaced wastegate actuator fitting 'O' ring; 4. Installed Tanis Pre-Heat Kit per manufactures instructions, see form 337 dated 2/10/2016; 5. Ground run engine satisfactory no leaks.

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

AP

Craig Hulse

N3803J
DATE: 22 Jun 2016

TACH: 2819.0

W.O.# 163276

Removed old starter adapter p/n 642085A18, s/n F1416.1 and sent out for overhaul. Drained engine oil and removed old oil filter. Install new filter p/n CH48108-1 and serviced engine with PHILLIPS X/C 20w50 oil to comply with compatibility of overhauled starter adapter. Received overhauled starter adapter of same part/serial number using new gasket p/n 653470. Reinstalled on aircraft. Installed new fuel mixture rod end p/n S1819-3 and rigged as required. Ran up aircraft. Ops/leak check good at this time. Work performed IAW Continental Motors TSIO-520-UB Overhaul Manual Publication #X30574 Change 8 dated Oct 2013.

MAINTENANCE RELEASE

The unit identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service as airworthy with respect to the work performed. Pertinent details are on file at the Repair Station under the work order number stated above.

(Signature)

NEPTUNE
AVIATION SERVICES

SUB-TOTALS this page

TOTALS-Carry forward to next page

Page No.

N3803J

TACH: 2859.0

W.O. 163920

Date: 24 Sept 2016

DATE

C/W annual inspection IAW Continental TSIO-520-UB Overhaul Manual Publication #X30574 Change 8 dated Oct 2013. Drained engine oil and removed oil filter. Cut open and found no noticeable defects at this time. Installed new filter p/n CH4848108-1 and serviced engine with 12qts. Phillips X/C 20w50 oil. Compression checks, noted over 80: #1 40; #2 52; #3 38; #4 52; #5 72; #9 22. Removed all cylinder assemblies, pistons & pins, and connecting rods. Installed reconditioned exchange rods Part Tracking No. S238403-10 from Aircraft Specialties Services, Inc. Ref. Form Tracking No. ASI 069683, W.O. Invoice No. 238490 for details. Rods installed using new bearings p/n SA642398, new bolts p/n 655961, and new nuts p/n 654490. Installed new Continental Loaded Cylinder & Valve Assy's p/n 658552A23P. #1 s/n AC16DC166, #2 s/n AC16DC181, #3 s/n AC16DC185, #4 s/n AC16DC217, #5 s/n AC16DC593, #6 s/n AC16DC615. Adjusted engine idle. Ran up aircraft. Ops/Leak check good at this time.

MAINTENANCE RELEASE

I certify that this engine has been inspected in accordance with an ANNUAL inspection and has been found to be in airworthy condition. Pertinent details are on file at the Repair Station under the work order number stated above.

(Signature)



ENGINE MODEL:

TSIO-520-UB

ENGINE S/N: 248908-R

REG. NO: N3803J

WORK ORDER: 6S50205



Choice Aviation, LLC

Hamilton, MT Shop - 6S5

Hamilton, MT 59840

DATE: 2/17/2017

A/C TSN: 2920.9

ENG TT:

TSMOH: 633.7

TACH: 2920.9

Engine Entries

Performed 50HR Inspection IAW Choice Aviations 50HR Checklist. Performed compression check (1=74, 2=70, 3=74, 4=72, 5=74, 6=74), cleaned gapped and rotated plugs, changed oil and filter (12qts Phillips xc 20w-50).

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was inspected and determined to be airworthy with respect to the work performed, and is approved for return to service.

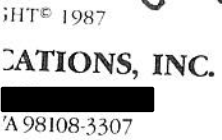
DATE: 2/17/2017

SIGNED:

Michael Ellis

Work Order: 6S50205

Printed by EBis 3 (datcomedia.com)



Date of Manufacture:

Blade #_

Log 2
opened 9-195

HARTZELL PROPELLER, INC. - PIQUA, OHIO

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Date	Total Time	Time Since Overhaul	Description
4-24-06	1877.3		Removed Gr calendar o/H [redacted]

Next In	Date:	Prop TSN: 1877.8	Description Overhauled Hartzell propeller Model # PHC-C3YF-1RF, Serial number EE770 in accordance with Hartzell manuals 113B, 133C, 202A, and all current A.D.'s and service information. Installed de-ice boots part number SMR2200-3, on Hartzell propeller in accordance with Hartzell manual 133C, and 159. Disassembled cleaned and overhauled bulkhead in accordance with Hartzell manual 127 and slip ring in accordance with BF Goodrich ATA30-60-01. Cadmium Plate in accordance with Hartzell manual 202A 61-01-02, QQ-P-416, ASTM-B117. Shot-peen pitch change knob on Hartzell Y shank blade in accordance with Hartzell Manual 133C and 202A. Assembled propeller, set angles, function tested, leak tested, and balanced.
D	09/01/2005		
	T.S.O:	Hobbs/Tack:	
	0.0		
Next In	Rick Hafley		
D	Signature: [redacted]		
Next In			
	Lone Star Propeller		CRS # L79R116Y
			Shop Order #: 06-00332

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