

N/3084Z

ENGINE LOG BOOK

MFR:MAY 2002 INST: AUG 2002



CONTINENTAL MOTORS

BONANZA A-36



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Engine Component Information Sheet

Printed: 05/26/2002

Serial: 686117
Spec: I0550B35B
New/Rebuilt: (NEW)

Assembled: 05/24/2002
Shipped:
Packed: 05/26/2002

Customer Name: VAN BORTEL AIRCRAFT, INC

Shipping Address:

Component	Serial Number
CAMSHAFT	Z02DA421
CRANKSHAFT	N02DA097
CRANKCASE	R02DA372
CONROD	AE02DA626
CONNROD	AE02DA659
CONNROD	AE02DA702
CONNROD	AE02DA707
CONNROD	AE02DA712
CONNROD	AE02DA715
L MAGNETO	02040472
R MAGNETO	02040473
FUEL PUMP	B02EA101
MANIFOLD VALVE	C02EA095

Component	Serial Number
NOZZLE SIZE	13C, 13AA, 12E
METERING UNIT	A02EA099
STARTER	021260034
ALTERNATOR	002DA095
OIL COOLER	D02195561

on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**

This engine model T0550B 35, Serial Number 686117
was manufactured on 5-26-02 by Teledyne Continental
Motors in accordance with approved design data and the applicable requirements of
Part 21 of the Federal Aviation Regulation. The approved design data for this engine
incorporates all changes required by applicable Airworthiness Directives and Teledyne
Continental Motors Service Bulletins.

E Brown

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

8/15/02

1784.3

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Modifications and Service Bulletins

Installed this engine on this aircraft
N3084Z A-36 S/N E-2426. Installed
overhauled prop governor S/N 860998. See
attached serviceable tag. Installed overhauled
Propeller D3A32C409-C S/N 880275.
See Prop log book #2 for serviceable tag.
Installed Alternator 646843A1 S/N
0012A010R. See attached serviceable tag.
Replaced all engine hoses and ducts. Installed
new engine lead mants. Replaced Lt muffler
P/N K701-4. Repaired baffling as required.
Added 11 qts of Aeroshell 100W mineral
oil. Washed engine. Run-up and leak check
good. Approved for return to service.

[Signature]
A-187507392

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model

10550B35B

Engine Serial Number

686117

Testing Completed

Standard Acceptance Test:

Date of Completion 5-25-02 Test Operator 29284 EWL

**CONTINENTAL MOTORS**

Form No 98344

FORM 004

SENENICH PROPELLER SERVICE, INC.
519 East Airport Road, Lititz, PA 17543OIL PRESSURE PICK UP POINT: ENGINE INLET AT
OIL COOLER

655310

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		smoth		
9/10/03	1831		46.7		Compression check as follows Cyl. #1 $\frac{75}{80}$ #2 $\frac{76}{80}$ #3 $\frac{78}{80}$ #4 $\frac{75}{80}$ #5 $\frac{75}{80}$ #6 $\frac{75}{80}$ Drained oil. Replaced oil filter. Added 11 qts of Aeroshell 15W-50 oil. Cleaned gapped and tested all spark plugs. Replaced air filter. Cleaned fuel screens. Washed engine. Run-up and leak check good. Approved for return to service. <i>[Signature]</i> AP 87507382
10/1/04	1862.8		smoth 78.5		COMPRESSION CHECK AS FOLLOWS Cyl #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{78}{80}$ #6 $\frac{78}{80}$ DRAINED oil. Replaced oil filter p/n CH48109-1. ADDED 10 QTS. AEROSHELL 15W-50. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS. Replaced AIR FILTER. WASHED ENGINE. RUN-UP AND LEAK CHECK GOOD. APPROVED FOR RETURN TO SERVICE. <i>[Signature]</i> AP 87507357
10/10/05	1901.6		smoth = 117.3		COMPRESSION TEST RESULTS: CYL #1 = $\frac{77}{80}$, CYL #2 = $\frac{76}{80}$, CYL #3 = $\frac{76}{80}$, CYL #4 = $\frac{74}{80}$, CYL #5 = $\frac{78}{80}$, CYL #6 = $\frac{77}{80}$. DRAINED OIL. REPLACED OIL FILTER WITH P/N: CH48109-1. SERVICED WITH 10 QTS A/S 15W50 OIL. CLEANED, GAPPED, TESTED ALL SPARK PLUGS. REPLACED AIR FILTER WITH P/N: BA-7112. CLEANED FUEL SCREENS. #6 CYL. CHT PROBE REPLACED WITH P/N: 2853. C/W S/B #106; A-36 ALTERNATE AIR DOOR CONTROL - ATA71-60 ~ NO DEFECTS NOTED. RUN-UP, SYSTEMS CK AND LEAK CHECK GOOD. APPROVED FOR RETURN TO SERVICE. <i>William S. Mundy</i> AP 2750364IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		226.3	5moH	
11/24/10	2033	7	249.4	5moH	COMPRESSION TEST RESULTS: CYL #1 = 70/80 #2 = 72/80, #3 = 72/80, #4 = 74/80, #5 = 70/80, #6 = 72/80 DRAINED OIL. REPLACED FILTER WITH NEW, P/N: CH48109-1. SERVICED WITH 10 QTS OF AEROSHELL 15W50 OIL. REPLACED AIR FILTER ELEMENT WITH NEW, P/N: BA-7112. MAG TIMING, CHECK GOOD. TIGHTENED ALL VALVE COVER GASKET HARDWARE. WASHED ENGINE. RUN-UP AND LEAK CHECK GOOD. LUBED CONTROLS, RE-COWLED. APPROVED FOR RETURN TO SERVICE AT THIS TIME. William E. Mundy AP2750364TH
12/16/11	2051.3				COMPRESSION TEST RESULTS: CYL #1 = 74/80 #2 = 74/80, #3 = 72/80, #4 = 72/80, #5 = 72/80, #6 = 74/80. DRAINED OIL. REPLACED FILTER WITH NEW, P/N: CH48109-1. SERVICED WITH 10 QTS A/S 15W50 OIL. SPARK PLUGS CLEANED, GAPPED AND TESTED. CLEANED FUEL SCREEN. REPLACED INDUCTION AIR FILTER ELEMENT WITH NEW, P/N: BA- 7112. REPAIRED CRACK IN METAL AIR BAFFLE FORWARD OF BATTERY BOX WITH PATCH. REPLACED ALL CHAFE TAPE ON COWLING. MAG TIMING CHECK GOOD. WASHED COWLING AND ENGINE. LUBED CONTROLS. RUN-UP, LEAK CHECKS GOOD. APPROVED FOR RETURN TO SERVICE AT THIS TIME. William E. Mundy AP2750364TH
S.M.O.H. =	267.0				