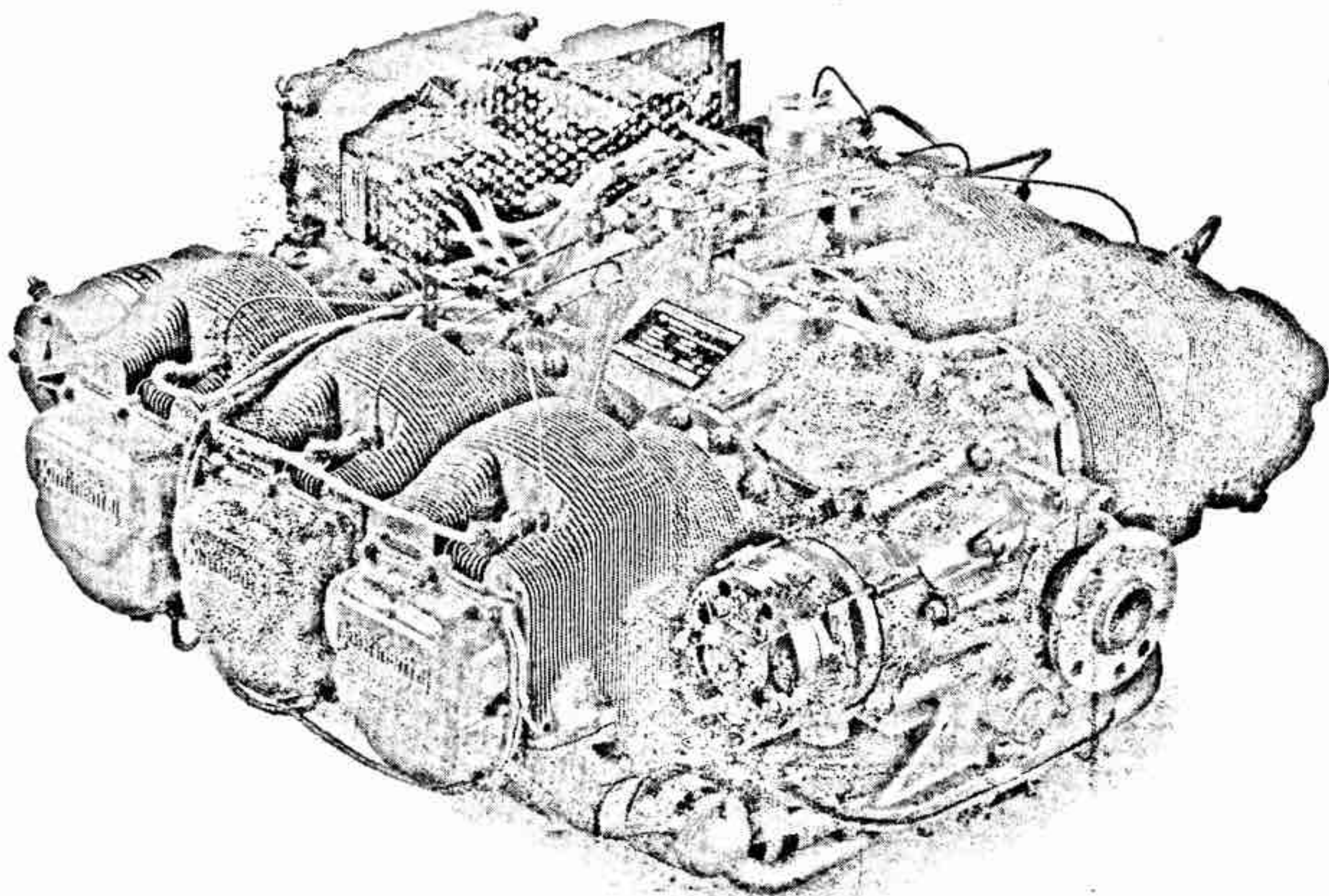


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 06/30/2005

This engine model I0550B39, Serial No. 687089 was manufactured on 06/27/2005 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.

TCM
19

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
8-22-05	0	00	00	00

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

This engine has been installed on aircraft serial number E-3648 and has been fully charged with Phillips 66 Type M SAE 20W-50.

Dale W. Dodd

Dale W. Dodd
FOR RAYTHEON AIRCRAFT CO. PC#8

Georgetown Aviation Maintenance

Georgetown Texas 78628 ph 512-869-4532

N636G ACTT: 50.0
SN# E-3648 Tach: 50.0

Date 10/26/06



Complied with oil change. Serviced with 12 qts Aeroshell 15W50. Installed new filter PN# CH48109-1. Took oil sample.

Cut open filter and inspected

Pertinent details on file under work order # 337

This engine is approved for return to service in regards to Work performed.

Bradley D Gray
Bradley D Gray A&P 3135226

		Cutter Aviation Dallas, Inc. 5661 Mariner Dr. LB # 18 Dallas, TX 75237			
Registration:	N636G	Engine Log Entry		Hour Meter	67.3
Model No.	G36			Total Time	67.3
Serial No.	E-3648				
<p>Performed a 100 hour inspection in accordance with the G36 series maintenance manual 100 hour checklist. Compression shows #1 73/80, #2 72/80, #3 74/80, #4 72/80, #5 72/80, #6 74/80. Changed oil and filter, serviced using Aeroshell 15W50. Ground ran and checked for leaks. I certify this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition.</p>					
<p>The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-851, 06M-888</p>					
Date:	12-7-2006	CRS#	UXCR663X	<i>Christopher Gradisar</i> Christopher Gradisar	



CESSNA SERVICE CENTER
Georgetown Texas, 78628 512-864-7632

W/O 4132
04-25-07

Continental IO-550-B (39)

Serial 687089

Engine Logbook Entry

Drain oil, remove and inspect oil filter. No significant contamination found. Service engine with 10 qts Aeroshell 15W-50 and CH48109-1 filter. Run engine and perform leak check. This engine is returned to service with respect to work performed.

Stephen D Brown
Stephen D Brown A&P 2239436

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	→				
10/02/07	175	8			Decoupled engine and drained oil. Removed filter and opened for inspection, no metal found. Removed plugs for cleaning and inspection. Compression test as follows: #1-70/80, #2-70/80, #3-74/80, #4-72/80, #5-70/80, #6-70/80. All done with a baseline of 48 psi. Reinstalled plugs and torqued as needed. Inspection done ITW, Raytheon Aircraft 100-HR/Annual check. Installed ES4B/09 oil filter and 12 qts ArcoShell 15W-50. Aircraft test ran with no leaks found. Aircraft returned to service.
					"I certify that this <u>Engine</u> has been inspected in accordance with <u>100 HR</u> inspection and was determined to be in airworthy condition"
					"I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition"
					[Signature] P 3032247

Log Entry Installed out of Sequence

TORNADO ALLEY TURBO INC.
300 AIRPORT RD
ADA, OK 74820
N636G BONANZA G36
TCM IO-550-B

ENGINE LOG BOOK ENTRY

08 AUGUST 2007

SN: E-3648 ACFT TT: 146.6 ACFT HOBBS: 146.6
SN: 687089 ENG TSN: 146.6

INSTALLATION OF "WHIRLWIND SYSTEM II" TURBO NORMALIZING SYSTEM COVERED UNDER STC SA5223NM AND STC SE5222NM, IAW INSTALLATION INSTRUCTIONS ETI-B-01 REV. H DATED 03/04/05 AND MASTER DRAWING LIST TAT-B-MDL REV. K DATED 08-20-04. SEE FLIGHT MANUAL FOR FLIGHT MANUAL SUPPLEMENT FOR THE TURBO SYSTEM OPERATION AND CONTINUED AIRWORTHINESS. MODIFIED EXISTING STARTER DRIVE ADAPTER FOR TURBO SYSTEM BY ADDING SCAVENGE PUMP SHAFT CAM-0706 AND GEAR 640746. CHANGED PART NUMBER TO ETI-648087-A63 SERIAL NUMBER 3645. INSTALLED TURBONORMALIZED FUEL CONTROLLER PART NUMBER FT-B8.5/1-442 SERIAL NUMBER B160030A. INSTALLED TURBONORMALIZED ENGINE DRIVEN FUEL PUMP PART NUMBER FT-B8.5/632818-2-11 SERIAL NUMBER 295. INSTALLATION OF GENERAL AVIATION MODIFICATION INC. turboGAMIjectors KIT NO GT16B, S/N 16696 UNDER STC SE09289SC AND IAW GAMI INSTALLATION PROCEDURE NO. IP-97-002. DRAINED OIL AND REMOVED OIL FILTER. RETAINED SAMPLE FOR ANALYSE. INSPECTED OIL FILTER. SERVICED ENGINE WITH 12 QUARTS OF AEROSHELL 15/50 AD OIL AND INSTALLED CHAMPION CH48109-1 OIL FILTER. SET TIMING TO 22 DEGREES BTC. INSTALLED ALL NEW CHAMPION RHB32E SPARK PLUGS. RUN-UP, OP's, AND LEAK CHECK OK.


DAVID R. LANDRETH A&P 2651512 IA

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 →

7/19/09
Tach 378.8

REMOVE COUPLING & INSPECT
LUBE ALL CONTROLS BELL CRANKS
PUSH PULL RODS C/W COMPRESSION
CHK
#1 68/80 #2 20/80 #3 15/80 #4 65/80
#5 64/80 #6 0/80

REMOVED #2 & 6 CYLINDERS &
REPAIRED BY WESTERN SKYWAYS
WO'S 0025092 & 0025092
REINSTALLED CYLINDERS INSTALL
NEW SPARK PLUGS POLISHED
MAGS CHANGED OIL & FILTER
SERVICED WITH ACROSHELL
100 RUN & CL FOR OPERATION
& LOOKS NOC C/W SATIS-END

THIS ENGINE WAS INSPECTED IN
ACCORDANCE WITH A ANNUAL
INSPECTION AND FOUND TO BE
IN AIRWORTHY CONDITION BY
[Signature] AIR 1580072IA

PERTINENT DETAILS OF THIS INSPECTION
ARE ON FILE AT THIS AGENCY UNDER
NO. _____ DATE 7/19/09 TT 378.8

Plane Action
7000 Andrews Hwy.
Odessa, Tx. 79761

THIS ENGINE WAS INSPECTED IN
ACCORDANCE WITH A ANNUAL
INSPECTION AND FOUND TO BE
IN AIRWORTHY CONDITION BY
[Signature] AIR 1580072IA

PERTINENT DETAILS OF THIS INSPECTION
ARE ON FILE AT THIS AGENCY UNDER
NO. _____ DATE 8/17/10 TT 506.0

Plane Action
7000 Andrews Hwy.
Odessa, Tx. 79761

REMOVE COUPLING & INSPECT LUBE
ALL CONTROLS BELL CRANKS PUSH
PULL RODS, C/W COMPRESSION CHK
#1 57/80 #2 77/80 #3 68/80 #4 69/80 #5 62/80 #6 64/80
CHANGE OIL & FILTER CH FILTER
FOR METAL NONE FOUND SERVICE
WITH 12qt ACROSHELL 100W INSTALLED
NEW AIR FILTER & 6 NEW SPARK
PLUGS ON BOTTOM CYLINDERS GAPPED
TOP SPARK PLUGS ADJUST TIMING
CLEAN EVD INJECTORS RUN
ENGINE CHK FOR LOOKS & OPERATION
MOC SATS CHK ALL AD'S TO DATE END

10/26/10
62013
CHANGE OIL & FILTER INSPECT FILTER FOR METAL NONE
FOUND SERVICE WITH 12qt ACROSHELL 15/50 RUN ENGINE
& CHK FOR LOOKS NONE FOUND [Signature] AIR 1580072

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	→				
9-22-2011	8	95			Completed inspection per Beech check list. Compression test #1 Replaced with overhauled cylinders new ring, gaskets and valves from Gibson Aviation. #2 7/80 #3 4/80 #4 Removed cylinder and overhauled at Gibson Aviation with new valves, rings and gaskets. Changed oil + filter, added 12 Qts Aero Shell mineral oil. Cleared and reset spark plugs. Checked exhaust and intake systems
					I certify that this <u>Engine</u> has been inspected in accordance with a <u>annual</u> inspection and was deemed to be in an airworthy condition
					<i>Richard C. Michael</i> Richard C. Michael, Jr. A & P 470411 (1A)

DEER HORN AVIATION, LTD.

October 12, 2011

N636G

Beechcraft G36

S/N: E-3648

Acft Tach: 0895.5

Teledyne Continental

1. Complied with an engine Compression Check: Engine Compressions as follows:
#1- 70/80 #2- 74/80 #3 - 74/80 #4 - 70/80 #5 - 62/80 #6 - 71/80.
2. Cut and inspected the oil filter for debris with all indications normal. Serviced engine with a CH48109-1 oil filter and 2 qts of Aeroshell W100 oil.

This engine is approved for return to service for the work performed. Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number 731.

Donald B. Brady *Donald B. Brady*

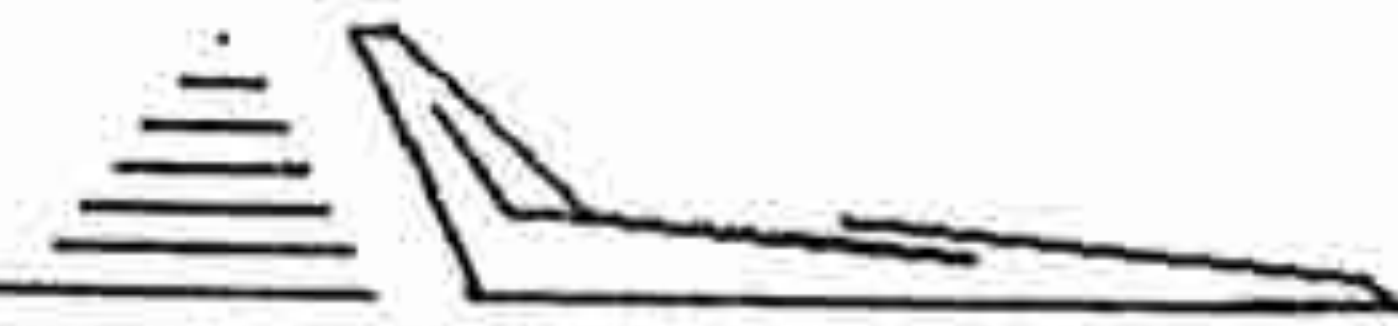
AP3474356

Time Since		Last Overhaul	
Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought For



CORPORATE AIR TECHNOLOGY
1250 Aviation Ave. suite 125, San Jose Ca 95110

N636G Date: 10/24/2011 S/N: E3648 HOBBS: 903.4

1. Replaced LH & RH Magneto's with new P/N's: 6310, S/N's: LH 11070099, RH 11070098 and timed to engine as required, completed run-up and operational test.
2. Adjusted Take Off RPM as necessary, saftied adjustment screw and rod end as required.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # 29173

Signed *D. McLaughlin*
For Corporate Air Technology, CRS AU3R384L, Phone: 408-977-0990



CORPORATE AIR TECHNOLOGY
1250 Aviation Ave. suite 125, San Jose Ca 95110
1/18/2012 N636G Engine Hobbs: 0909.3

Replaced starter with new Sky-Tec Model C24ST5, SN# 4C5-491107.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # 29346

Signed *James A. Wells*
For Corporate Air Technology, CRS AU3R384L, Phone: 408-977-0990

FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5
Serial No. 4C5-491107 was manufactured new on 13 Dec 2011
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
No. 6 per CFR14 Part 21 in accordance with Sky-Tec's
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
conforms to the relevant FAA-approved drawings. This part has been
determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 636G by C.A.T.
(Aircraft) (Mechanic)



CORPORATE AIR TECHNOLOGY

1250 Aviation Ave. suite 125, San Jose Ca 95110

10/19/2012 N636G Engine Hobbs: 922.2 TSN: 922.2 WO# 29874

Complied with the following inspections and airworthiness directives:

1. Annual/100 Hour inspection
2. Compressions as follows, 1. 72/80, 2. 75/80, 3. 68/80, 4. 67/80, 5. 60/80, 6. 70/80

Replaced/Installed the following items:

1. Flow divider vent tube (locally manufactured)
2. #1 cylinder valve cover gasket PN# 6555

Performed the following repairs and service items:

1. Oil and filter change, Aeroshell 15W/50 and CH48109-1
2. Re-installed cabin heat exchanger after overhaul (see Knisley Welding WO# 142974, dated 09/25/2012)
3. Adjusted alternator and air-conditioning belt tensions
4. Cleaned and re-sealed turbo oil check valve.

I certify that this engine has been inspected in accordance with an Annual/100 Hour inspection and was found to be in an airworthy condition.

Signed 
 For Corporate Air Technology CRS AU3R384L Phone: 408-977-0990

Madison Aviation Service N636G
 1281 US RT 40 SW Model G36
 Hangar 3 S/N E-3648

02-12-2013 Hobbs 956.6 AFTT 956.6

Continental S/N 687089 Engine TT 956.6 Engine TSN 956.6

Drained oil removed oil filter cut filter open inspect for foreign material none noted at this time. Installed new CH48109-1 oil filter and 12 QTs. Aeroshell 15W/50 oil. Run Up leak test good. Return To Service

END

Burl Fife IA404669817 XP

01/09/2015 Hobbs 1081.5 Engine TT 1081.5
 Drained oil. Added 11 qts of Aeroshell 80 mineral oil. Changed oil filter.
 Examined contents of old oil filter. No contamination noted. Cleaned
 spark plugs. Washed engine with mineral spirits. Compression check as follows. #1
 60/80, #2 68/80, #3 60/80, #4 60/80, #5 20/80, #6 60/80. Cleaned fuel injector nozzles
 per GAMI IP-96-001 Rev 5. Assembled and installed with new o-rings and seals. Installed
 alternator p/n649304, s/n 005FA219 as repaired by Aerotech of Louisville (PU4R453M)
 under work order 113442 dated 11 dec 2014. Removed #5 cylinder for repair by G&N
 Aircraft (MW2R020L) under work order 70758 dated 12/15/14. Reinstalled cylinder per
 TCM IO550 maintenance and overhaul manual and service bulletin SB96-7C rev C. Installed new
 #3 EGT probe p/n 86245. Installed new V-band clamp p/n 4404C375-M as required by TATI
 airworthiness limitations. Next due at 1481.5. Performed engine runup. All operational
 checks good. All indications normal. I certify that I have inspected this engine in
 accordance with an annual inspection and determined it to be in an airworthy condition.


 A&P 3441777 IA

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.	

Brough

02/12/2016 Hobbs 1125.2 Engine TT 1125.2
 Drained oil. Added 10 qts of Aeroshell W15W50 oil. Changed oil filter.
 Examined contents of old oil filter. No contamination noted. Installed all new Champio RHB32E spark plugs. Washed engine with mineral spirits. Compression check as follows. #1 68/80, #2 68/80, #3 60/80, #4 66/80, #5 62/80, #6 60/80 Performed engine runup. All operational checks good. All indications normal. I certify that I have inspected this engine in accordance with an annual inspection and determined it to be in an airworthy condition.

 A&P 3441777 IA

Professionals Aviation Co. Inc. mxpac10@gmail.com
 Holmes County Airport 10G clarkhsd@embarqmail.com
 4501 Twp Rd 307 330-674-0674
 Millersburg, Oh 44654

ENGINE LOGBOOK ENTRY

Date	N-Number	Type	Serial Number	Hobbs	Tach Time	Total Time
3-3-2017	N636G	Beech Bonanza G36	E-3648	1163.7	N/A	1163.7
Continental IO-550-839B	TSN	Total Time				
SN 687089	1163.7	1163.7				

1. Complied with Annual inspection of this engine IAW appendix (d) to FAR part 43. Used Bonanza series M.M. annual inspection checklist 5-20-00 as a guide. Compression checks: 1. 68/80 2. 62/80 3. 65/80 4. 61/80 5. 70/80 6. 61/80 Master orifice reading was: 42
2. Drained oil from engine. collected sample. Removed cut and inspected oil filter. No defects noted. Installed new filter PN CH48109-1 and serviced engine with 10 quarts of Aeroshell 15W50 oil. Serviced engine with Cam Guard additive. Ground run cheks were satisfactory. No leaks.
3. Cleaned all fuel injector nozzles IAW GAMI instructions No. IP-96-001 Rev.005 Ground run checks were satisfactory. No leaks.

All AD's were checked for compliance to bi-weekly 2017-04.

I certify that the stated maintenance and ANNUAL inspection were performed in accordance with the current regulations of the Federal Aviation Administration and this ENGINE is airworthy and approved for return to service.

Steven C. Tompkins A&P IA 3696840 