

# 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

10550 B39B

Engine Serial Number

1002363

**Testing Completed**

Standard Acceptance Test:

Date of Completion

5-28-10

Test Operator

29769



Teledyne Continental Motors, Inc.  
A Teledyne Technologies Company

Form No 98344

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



**Teledyne Continental Motors, Inc.**

[www.GenuineContinental.aero](http://www.GenuineContinental.aero)

Production Certificate 508

Printed: 06/01/2010

Test Date: 05/28/2010

This engine model 10550B39B, serial number 1002363 was manufactured 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.

  
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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
	Hrs.	Min.	Hrs.	Min.					



SERVICES

Engine Log Entry

2450 N. Westshore Blvd.  
Tampa, FL 33607  
Phone 813-878-4500  
Fax 813-878-4503

MWO#	Reg No	Aircraft S/N	Hobbs	AirframeTT	AirframeTC	Engine S/N	Engine T.T.	Date	Page
14048673	N6371B	E-3927	17.0	17.0		1002363	0.0	6/15/2010	1 of 1

**WO# Sqk 7) Maintenance Action(s) Performed**

14048673 13 INSTALLED IN AIRCRAFT N6371B, S/N: E-3927 THIS DATE. SERVICED WITH 12 QTS PHILLIPS 20W50 MINERAL OIL. GROUND RUN, OPS AND LEAK CHECK SATISFACTORY

I certify that with respect to the work performed, this Engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Authorized Signature  Printed Name Doug Day

Date 6/15/2010 FAA CRS:# V64R595M, Brazilian CNE N° 0410-01/ANAC, Venezuelan OMAC-E #266

Hawker Beechcraft Services Inc., 2450 N. Westshore Blvd., Tampa Florida 33607



SERVICES

1980 Airport Rd.  
Wichita, KS 67209  
316-946-4300 Phone  
316-946-4335 Fax  
FAA Certified Repair Station BWVR672C  
EASA Certified Repair Station No. 145.5086

ENGINE LOG

AIRCRAFT MODEL: BONANZA A36 S/N: E- 3927 REG. #: N6371B  
DATE: 6/24/2010 FHM: 55.2 ACTT: 55.2  
ENGINE S/N: 1002363 ETT: 55.2

- C/W OIL CHANGE. DRAINED OIL, REMOVED OIL FILTER AND INSPECTED FILTER. NO METAL FOUND. INSTALLED NEW FILTER P/N CH48109-1 AND SAFETIED. SERVICED ENGINE WITH 12 QTS AEROSHELL 15W50 OIL. OPERATIONAL AND LEAK CHECKS SATISFACTORY IAW BONANZA SERIES M/M CH. 12-20-00.

"I CERTIFY THAT THIS ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED ONLY."

FAA CERTIFIED REPAIR STATION BWVR672C

EASA CERTIFIED REPAIR STATION 145.5086

AUTHORIZED SIGNATURE:  QUALITY ASSURANCE INSPECTOR

PRINTED NAME: Christopher Winton

WORK ORDER NUMBER(S): 05-04-6626


# Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →



1980 Airport Rd.  
Wichita, KS 67209  
316-946-4300 Phone  
316-946-4335 Fax  
FAA Certified Repair Station BWVR672C  
EASA Certified Repair Station No. 145.5086

## SERVICES

### ENGINE LOG

AIRCRAFT MODEL: BONANZA A36      S/N: E-3927      REG. #: N6371B  
 DATE: 08/24/2010      FHM: 55.2      ACTT: 55.2  
 ENGINE S/N: 1002363      ETT: 38.2

*Amended*

- C/W OIL CHANGE. DRAINED OIL, REMOVED OIL FILTER AND INSPECTED FILTER. NO METAL FOUND. INSTALLED NEW FILTER P/N CH48109-1 AND SAFETIED. SERVICED ENGINE WITH 12 QTS AEROSHELL 15W50 OIL. OPERATIONAL AND LEAK CHECKS SATISFACTORY IAW BONANZA SERIES M/M CH. 12-20-00.

"I CERTIFY THAT THIS ENGINE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED ONLY."

FAA CERTIFIED REPAIR STATION BWVR672C

EASA CERTIFIED REPAIR STATION 145.5086

AUTHORIZED SIGNATURE:   
 PRINTED NAME: Christopher Winton  
 WORK ORDER NUMBER(S): 05-05-6626

QUALITY ASSURANCE INSPECTOR



3992 Aviation Circle  
Atlanta, Georgia 30336  
404-699-9200  
Fax: 404-691-1672

## SERVICES

### ENGINE LOG ENTRY

Page 1 of 1

MODEL	AF S/N	AF REG#	W/O #	AFTT	DATE
G36	E-3927	N6371B	11-04-12624	102.1	11-19-2010
	ENG S/N	ENG TT			
	1002363	85.1			

- Completed an **Annual Inspection** in accordance with the most current inspection guide of the Beech Bonanza Series Maintenance Manual P/N 36-590001-9.
- Engine Compressions:** # 1 47/80, # 2 68/80, # 3 66/80, # 4 48/80, # 5 68/80, # 6 70/80.
- Replaced engine oil filter, P/N CH48109-1. Ops and leak check good. All work performed IAW Bonanza G36 MM 12-10
- Complied with engine oil change IAW Bonanza G36 MM 12-10.

I certify that with respect to the work performed this (**Powerplant**) was repaired and/or inspected in accordance with an (**Annual**) inspection using the (**Bonanza**) inspection guide as listed in the manufacturers maintenance manual which meets the intent of 14 CFR Part 43 Appendix D and was determined to be in airworthy condition. No other representations concerning Airworthiness are expressed or implied. Details are on file under the work order number.

Hawker Beechcraft Services  
CRS-ERYR682D

Name: JEFF DAVIS  
Title: Inspector

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

**Advancetech Aircraft Maintenance, Inc.**

1605 Moffett Street, Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

**N6371B S/N E-3937 HOBBS 156.4 ACTT 156.4 W/O 5441 5/25/11**  
**MODEL IO-550-B39B S/N 1002363 TSN 139.4**

**ENGINE LOG ENTRY**

1. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed 12 quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. Ground run and leak check were satisfactory.

-----END-----

I certify this **ENGINE** has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file with this agency under Work Order # **5441**, dated **5/25/11**.

Signed *[Signature]*  
**FAA Approved Repair Station BL3R401L**

**Advancetech Aircraft Maintenance, Inc.**

1605 Moffett Street, Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

**N6371B S/N E-3927 HOBBS 199.0 ACTT 199.0 W/O 5492 12/7/11**  
**MODEL IO-550-B39B S/N 1002363 TSN 199.0**

**ENGINE LOG ENTRY**

1. Complied with a Hawker Beechcraft Model G36 **Annual Inspection** in accordance with the Hawker Beechcraft Bonanza Series Maintenance Manual.
2. Checked **A.D. 2011-25-51** and Continental Motors, Inc. **S.B. 11-4**, starter adapter inspection, for applicability. A.D. and service bulletin were found to not be applicable as subject starter adapter not installed. No further action required.
3. Complied with all 12 month / 100 hour inspection, lubrication, and servicing requirements in accordance with the Hawker Beechcraft Model G36 Maintenance Manual.
4. Complied with 12 month inspection of the engine left and right magnetos in accordance with the Hawker Beechcraft Model G36 Maintenance Manual.

**LEFT ENGINE LOG ENTRY CONTINUED**

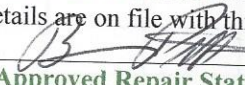
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections,	
	Hours	Min	Hours	Min		

Brought F	N6371B	S/N E-3927	HOBBS 199.0	ACTT 199.0	W/O 5492	12/7/11
		MODEL IO-550-B39B	S/N 1002363		TSN 199.0	

5. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed eleven quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. No leaking noted.
6. Performed differential compression comparison testing on the engine cylinders recording the following: #1-76/80, #2-76/80, #3-76/80, #4-72/80, #5-76/80, #6-76/80.
7. Removed, cleaned, and reinstalled the engine fuel injector nozzles as required.

-----END-----

I certify this **ENGINE** has been inspected and repaired in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition. Pertinent details are on file with this agency under Work Order # **5492**, dated **12/7/11**.

Signed   
**FAA Approved Repair Station BL3R401L**

**Advancetech Aircraft Maintenance, Inc.**

1605 Moffett Street, Salinas, CA 93905  
 (831) 422-2142 FAX (831) 422-3221  
 FAA Repair Station BL3R401L

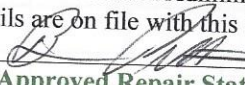
N6371B	S/N E-3927	HOBBS 235.9	ACTT 235.9	W/O 5578	11/29/12
	MODEL IO-550-B39B	S/N 1002363		TSN 235.9	

**ENGINE LOG ENTRY**

1. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed 12 quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. Engine run and leak checks were satisfactory.

-----END-----

I certify this **ENGINE** has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file with this agency under Work Order # **5578**, dated **11/29/12**.

Signed   
**FAA Approved Repair Station BL3R401L**

Date

Total Time

Time Since

# Engine Service and Maintenance Record

## Advancetech Aircraft Maintenance, Inc.

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Brought Fo

1605 Moffett Street  
Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

**N6371B S/N E-3927 HOBBS 245.8 ACTT 245.8 W/O 5611 1/9/13**  
**MODEL IO-550-B39B S/N 1002363 TSN 245.8**

### ENGINE LOG ENTRY

1. Complied with a Hawker Beechcraft Model G36 **ANNUAL INSPECTION** in accordance with the Hawker Beechcraft Bonanza Series Maintenance Manual.
2. Checked **A.D. 2012-03-06**, AvStar fuel servos, for applicability. A.D. was found to not be applicable as subject AvStar fuel servos not installed. No further action required.
3. Complied with 12 month inspection of the engine left and right magnetos in accordance with the Hawker Beechcraft Model G36 Maintenance Manual.
4. Performed differential compression comparison testing on the engine cylinders recording the following: #1-78/80, #2-79/80, #3-79/80, #4-79/80, #5-79/80, #6-79/80.

### ENGINE LOG ENTRY CONTINUED

1

**N6371B S/N E-3927 HOBBS 245.8 ACTT 245.8 W/O 5611 1/9/13**  
**MODEL IO-550-B39B S/N 1002363 TSN 245.8**

5. Cleaned the ignition lead springs which were found to be excessively dirty as required in accordance with the Hawker Beechcraft Model G36 and Continental Motors IO-550-B Series Maintenance Manuals.

-----END-----

I certify this **ENGINE** has been inspected and repaired in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition. Pertinent details are on file with this agency under Work Order # 5499, dated 1/23/12.

Signed   
FAA Approved Repair Station BL3R401L

2

Date

Total Time

Time Since

# Engine Service and Maintenance Record

## Advancetech Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

Sections,

Brought f

N6371B S/N E-3927 HOBBS 270.5 ACTT 270.5 W/O 5641 6/20/13

### ENGINE LOG ENTRY

1. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed 12 quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. Engine run and leak checks were satisfactory.

-----END-----

I certify this **ENGINE** has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file with this agency under Work Order # 5641, dated 6/20/13.

Signed   
FAA Approved Repair Station BL3R401L

1

## Advancetech Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

N6371B S/N E-3927 HOBBS 286.5 ACTT 286.5 W/O 5683 10/30/13

### ENGINE LOG ENTRY

1. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed 12 quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. Engine run and leak checks were satisfactory.

-----END-----

I certify this **ENGINE** has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file with this agency under Work Order # 5683, dated 10/30/13.

Signed   
FAA Approved Repair Station BL3R401L

1

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

**Advancetech Aircraft Maintenance, Inc.**

1605 Moffett Street, Salinas, CA 93905  
(831) 422-2142 FAX (831) 422-3221  
FAA Repair Station BL3R401L

**N6371B S/N E-3927 HOBBS 314.1 ACTT 314.1 W/O 5712 2/4/14**  
**MODEL IO-550-B39B S/N 1002363 TSN 314.1**

**ENGINE LOG ENTRY**

1. Complied with a Hawker Beechcraft Model G36 Annual Inspection in accordance with the Hawker Beechcraft Bonanza Series Maintenance Manual.
2. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed new oil filter P/N CH48108-1 and eleven quarts of Aeroshell 15W 50 engine oil. Ran engine and leak checked. Operational and leak checks were satisfactory.
3. Complied with all 100 hour / 12 month inspection, lubrication, and servicing requirements in accordance with the Beechcraft Model G36 Maintenance Manual.
4. Complied with 12 month inspection of the engine left and right magnetos in accordance with the Beechcraft Model G36 Maintenance Manual.

**ENGINE LOG ENTRY CONTINUED**

1

**N6371B S/N E-3927 HOBBS 314.1 ACTT 314.1 W/O 5712 2/4/14**  
**MODEL IO-550-B39B S/N 1002363 TSN 314.1**

5. Performed differential compression comparison testing on the engine cylinders recording the following: #1-72/80, #2-79/80, #3-78/80, #4-74/80, #5-79/80, #6-79/80.

-----END-----

I certify this **ENGINE** has been inspected and repaired in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition. Pertinent details are on file with this agency under Work Order # 5712, dated 2/4/14.

Signed   
**FAA Approved Repair Station BL3R401L**

2



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

**Advancetech Aircraft Maintenance, Inc.**

1605 Moffett Street, Salinas, CA 93905  
 (831) 422-2142 FAX (831) 422-3221  
 FAA Repair Station BL3R401L

**N6371B S/N E-3927 HOBBS 352.2 ACTT 352.2 W/O 5772 7/7/14**

**ENGINE LOG ENTRY**

1. Complied with 50 hour engine oil and oil filter change. Removed oil sample. Inspected the oil filter in accordance with Champion service instructions. Installed 12 quarts of Aeroshell 15W50 engine oil. Ran engine and leak checked. Engine run and leak checks were satisfactory.

-----END-----

I certify this **ENGINE** has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file with this agency under Work Order # **5772** dated **7/7/14**.

Signed   
**FAA Approved Repair Station BL3R401L**

1



**DATE: 06/08/15 MODEL: IO-550-B39B TSN: 401.7 HOBBS: 401.7**  
**REG: N6371B S/N: 1002363**

- 1 REMOVE AND RE-INSTALL ENGINE M/N: IO-550-B39B S/N: 1002363 FOR IRAN INSPECTION BY LY-CON REBUILDING CO. UNDER WORK ORDER 45814
- 2 INSTALL OF STC SA368CH COOLING AIR BAFFLES IN ACCORDANCE WITH D'SHANNON PRODUCTS INSTALLATION MANUAL NO. DSP-IM95-2, REVISION 6, DATED APRIL 16, 2002 OR LATER FAA APPROVED REVISION.
- **337 FORM WAS INSERTED INTO THE ACFT PERMANENT RECORDS & COPIES MAILED TO FAA.**
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100 MINERAL OIL.
- 4 INSTALL NEW OIL FILTER P/N: CH48109-1.

  
**RAPHAEL LOPEZ - A&P 2709706**

**PERTINENT DETAILS ON FILE: W.O. 637060815-E**

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
1	CRANKCASE	TCM	IO-550	655434 655435	ID = R10DA257	INSPECTED
1	CRANKSHAFT STD/STD(VAR)	TCM	N/A	649900	N10CA053	INSPECTED
1	GEAR, CRANKSHAFT	TCM	N/A	657175	N/A	INSPECTED
1	GEAR, CRANKSHAFT (LGE)	TCM	N/A	656991	N/A	NEW
6	CONNECTING ROD	TCM	N/A	655911	CASTING = 646126	OVERHAULED
6	BUSHING, CON ROD	TCM	N/A	530658	N/A	NEW
12	BOLT, CON ROD	TCM	N/A	655958	N/A	NEW
12	NUT, CON ROD BOLT	TCM	N/A	654490	N/A	NEW
16	BUSHING, CRANK DAMPER	TCM	N/A	639193	N/A	NEW
8	BUSHING, CRANK DAMPER	TCM	N/A	350998	N/A	NEW
1	GASKET SET	TCM	N/A	646550A1	N/A	NEW
1	BEARING SET	TCM	N/A	646592A2	N/A	NEW
12	BEARING, CON ROD	TCM	N/A	642388	N/A	NEW
2	PIN, CRANKSHAFT CWT	TCM	N/A	643626-103	N/A	NEW
2	PIN, CRANKSHAFT CWT	TCM	N/A	643626-104	N/A	NEW

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 1 OF 8 (13)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
4	PIN, CRANKSHAFT CWT	TCM	N/A	643626-105	N/A	NEW
16	PLATE, CWT RETAINING	TCM	N/A	643629	N/A	NEW
16	SNAP RING, CWT PLATE	TCM	N/A	629104	N/A	NEW
2	COUNTERWEIGHT	TCM	N/A	639195	N/A	INSPECTED
2	COUNTERWEIGHT	TCM	N/A	639196	N/A	INSPECTED
1	PLUG, CRKSH PROP OIL TRAN	TCM	N/A	633189	N/A	NEW
4	SCREW, 5/16-24 x 13/32 L.	TCM	N/A	649205	N/A	NEW
2	LOCK PLATE	TCM	N/A	641909	N/A	NEW
1	CAMSHAFT	TCM	N/A	654084	204871	NEW
1	GEAR, CAMSHAFT	TCM	N/A	656818	N/A	INSPECTED
4	BOLT	TCM	N/A	654587-.44	N/A	NEW
2	NUT	TCM	N/A	NAS1305-4	N/A	NEW
6	LIFTER ASSEMBLY, EXHAUST	TCM	N/A	658077	N/A	NEW
6	LIFTER ASSEMBLY, INTAKE	TCM	N/A	658088	N/A	NEW
40	NUT, .4375-20 UNF-3B FLANGED	TCM	N/A	652422	N/A	NEW

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 2 OF 8 (14)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
12	NUT, .50-20 UNJF-3B FLANGED	TCM	N/A	652541	N/A	NEW
1	SEAL ASSEMBLY, NOSE	TCM	N/A	641250	N/A	NEW
6	CYLINDER	TCM	N/A	655484	AC10BB355, AC10BB374, AC10BA069, AC10BB355, AC10BB313, AC10BA390	OVERHAULED
6	PISTON	ECI	N/A	AEC654857	N/A	NEW
6	PIN, PISTON	TCM	N/A	630046	N/A	NEW
6	RING SET	TCM	N/A	654716P005	N/A	NEW
24	WASHER, THRUST	TCM	N/A	653188	N/A	NEW
12	SHAFT, ROCKER	SUPERIOR	N/A	SA652984	N/A	NEW
3	GUIDE, INTAKE VALVE	SUPERIOR	N/A	SA643766-1P05	N/A	NEW
4	GUIDE, EXHAUST VALVE	SUPERIOR	N/A	SA636242P05	N/A	NEW
2	GUIDE, EXHAUST VALVE	SUPERIOR	N/A	SA636242P10	N/A	NEW
6	VALVE, EXHAUST	SUPERIOR	N/A	SA643873	N/A	NEW
6	ROTOCOIL	ECI	N/A	AEC652112	N/A	NEW
6	ROCKER, EXHAUST	TCM	N/A	652130	N/A	OVERHAULED
6	ROCKER, INTAKE	TCM	N/A	652131	N/A	OVERHAULED

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 3 OF 8 (15)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
1	OIL PUMP HOUSING	TCM	N/A	632977	N/A	INSPECTED
1	GEAR, OIL PUMP DRIVEN	TCM	N/A	631016	N/A	INSPECTED
1	GEAR, IDLER	TCM	N/A	629360	N/A	INSPECTED
1	GEAR SHAFT ASSEMBLY, TACH	TCM	N/A	631075	N/A	INSPECTED
1	GEAR, TACH DRIVE	TCM	N/A	535900	N/A	INSPECTED
1	SHAFT GEAR, TACH DRIVE	TCM	N/A	535908	N/A	INSPECTED
1	GEAR, BEVEL GOV. DRIVEN	TCM	N/A	629747	N/A	INSPECTED
1	GEAR, BEVEL GOV. DRIVE	TCM	N/A	654085	N/A	INSPECTED
1	GEAR, FACE ALTERNATOR	TCM	N/A	632018	N/A	INSPECTED
2	GEAR, ACCESSORY DRIVE	TCM	N/A	641742	N/A	INSPECTED
1	BALANCE TUBE ASSEMBLY	TCM	N/A	631220	N/A	INSPECTED
1	OIL SUMP ASSEMBLY	TCM	N/A	642273A4	N/A	INSPECTED
1	TUBE ASSY, OIL PUMP	TCM	N/A	649812	N/A	INSPECTED
1	COVER, OIL PUMP	TCM	N/A	631056A1	N/A	INSPECTED
1	HOUSING, OIL PRESSURE RELIEF	TCM	N/A	642224	N/A	INSPECTED

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 4 OF 8 (16)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
1	COUPLING	TCM	N/A	653359	N/A	INSPECTED
4	BRACKET, ENGINE MOUNT	TCM	N/A	632663	N/A	INSPECTED
1	SUPPORT ASSEMBLY, BAFFLE	TCM	N/A	646599	N/A	INSPECTED
1	SUPPORT ASSEMBLY, BAFFLE	TCM	N/A	646600	N/A	INSPECTED
1	BRACKET, COMPRESSOR	TCM	N/A	640767	N/A	INSPECTED
1	BRACKET, BALANCE TUBE	TCM	N/A	631406	N/A	INSPECTED
1	ADAPTER, OIL FILTER/ CRANKCA	TCM	N/A	649407	N/A	INSPECTED
1	BREATHER, OIL FILLER	TCM	N/A	649406-3	N/A	INSPECTED
1	O-RING, OIL FILLER ADAPTER	TCM	N/A	MS9970-116	N/A	NEW
1	O-RING, OIL FILLER ADAPTER	TCM	N/A	MS9970-117	N/A	NEW
1	GASKET, OIL GAGE	TCM	N/A	642892	N/A	NEW
1	GASKET, CONTROL VALVE	TCM	N/A	625966	N/A	NEW
4	NUT, .50-20 PLAIN	TCM	N/A	634511	N/A	NEW
6	SCREW, .3125-24 x .88 LONG	TCM	N/A	656990	N/A	NEW
4	PLUG, PIPE 1/16-27	TCM	N/A	402941	N/A	NEW

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 5 OF 8 (17)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
3	PLUG, PIPE 1/8-27	TCM	N/A	401752	N/A	NEW
1	SPRING, OIL PRES REL	TCM	N/A	632552	N/A	NEW
8	HOSE, INTAKE	TCM	N/A	354439-1	N/A	NEW
1	NUT, .3125-24	TCM	N/A	632752	N/A	NEW
4	CLAMP ASM, 1.875 x 2.8437 ID	TCM	N/A	629163-5	N/A	NEW
1	CLAMP	TCM	N/A	632444-2	N/A	NEW
1	HOSE	TCM	N/A	539023	N/A	NEW
6	CLAMP ASM.	TCM	N/A	652436-1	N/A	NEW
6	SCREW, #0-.19 DRIVE	TCM	N/A	24764	N/A	NEW
1	FELT	TCM	N/A	534625	N/A	NEW
1	BEARING, NEEDLE	TCM	N/A	630899	N/A	NEW
6	NUT	TCM	N/A	646312	N/A	NEW
2	PLUG, PIPE 1/4-18 NPTF	TCM	N/A	524818	N/A	NEW
1	COPPER WASHER	TCM	N/A	X1473	N/A	NEW
3	GASKET	TCM	N/A	653470	N/A	NEW

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 6 OF 8 (18)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
1	SPRING, CLUTCH	AIRCRAFT SPECIALTIES	N/A	S539800M15	N/A	NEW
1	RETAINING RING	TCM	N/A	502287-3	N/A	NEW
1	WASHER, TAB	TCM	N/A	501867	N/A	NEW
1	O-RING	TCM	N/A	630979-24	N/A	NEW
1	O-RING	TCM	N/A	AN123862	N/A	NEW
1	AIR FUEL CONTROL	TCM	N/A	657021A1	A10EA143	CONTINUED TIME
1	FUEL MANIFOLD VALVE	TCM	N/A	646508-17A7	C10EA033	CONTINUED TIME
1	FUEL PUMP	TCM	N/A	646212-40A1	B10DA094	CONTINUED TIME
1	OIL COOLER	NIAGARA	N/A	10280A-R 655090	K09-7667-1070	OVERHAULLED
1	OIL FILTER	CHAMPION	N/A	CH48109-1	N/A	NEW
1	ADAPTER, OIL FILTER	TCM	N/A	641639	N/A	INSPECTED
12	GASKET, SPARKPLUG	CHAMPION	N/A	M-674	N/A	NEW
1	SEAL, STARTER SHAFT	TCM	N/A	653171	N/A	NEW
1	STARTER ADAPTER	TCM	N/A	642087A68	LY45914	OVERHAULLED
1	STARTER	HARTZELL	24 VOLT	646275-1	O-199415	OVERHAULLED

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 7 OF 8 (19)

## PARTS INSTALLED AT IRAN INSPECTION

TCM IO-550-B, S/N 1002363 IRAN INSPECTION IAW MANUAL OI-16 WITH THE FOLLOWING PARTS INSTALLED:

QTY	DESCRIPTION	MANUFACTURER	MODEL	PART NO.	SERIAL NO.	CONDITION
1	ADAPTER ASSY, MAGNETO	TCM	N/A	632653A1	N/A	INSPECTED
1	RETAINER, MAGNETO DRIVE	TCM	N/A	531178	N/A	INSPECTED
4	CUSHION, MAG DRIVE	TCM	N/A	655269	N/A	NEW
1	MAGNETO, LEFT	SLICK	6310	N/A	10040567	CONTINUED TIME
1	MAGNETO, RIGHT	SLICK	6310	N/A	10040566	CONTINUED TIME
1	HARNES, IGNITION	TCM	N/A	10-423604-1	N/A	CONTINUED TIME

THE IO-550-B, S/N 1002363 ENGINE IDENTIFIED ABOVE HAS BEEN DISASSEMBLED FOR AN IRAN INSPECTION IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. TEST CELL TIME, 2.1 HOURS. PERTINENT DETAILS OF THIS WORK ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 45814 DATED 2/27/15.

  
KENNETH L. TUNNELL

5/18/15

*Ly-Con*

FAA REPAIR STATION CT3R435L

LY-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 8 OF 8 (20)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

**AD COMPLIANCE LIST AT IRAN INSPECTION**

TCM IO-550-B, S/N 1002363 IRAN W.O. 45814

2014-05-29	N/A BY CYLINDER MANUFACTURER IAW THIS AD
2012-03-06	N/A, NO WORK DONE ON FUEL SERVO AT IRAN INSPECTION
2010-11-04	N/A BY LIFTER P/N'S IAW THIS AD
2009-19-07	N/A BY CYLINDER MANUFACTURE DATE IAW THIS AD
2007-04-19	N/A BY CYLINDER MANUFACTURER IAW THIS AD
2004-08-10	N/A BY CYLINDER MANUFACTURER IAW THIS AD
00-00-01	N/A BY OIL FILTER ADAPTER IAW THIS AD
2000-23-21	N/A BY ENGINE & CRANKSHAFT S/N'S IAW MSB 00-5C
99-19-01	N/A BY ENGINE S/N IAW MSB 99-3C
98-01-08	COMPLIANCE IAW THIS AD
96-12-22	N/A BY OIL FILTER ADAPTER IAW THIS AD
93-16-15	N/A BY FUEL PUMP P/N IAW THIS AD
93-10-02	N/A BY ENGINE S/N IAW MSB 93-12
91-19-03	N/A BY OIL FILTER P/N IAW THIS AD
88-17-03	N/A BY ENGINE CONFIGURATION IAW THIS AD
88-03-06	N/A BY OIL FILTER MANUFACTURER AND P/N IAW THIS AD
86-13-04 R3	N/A BY CYLINDER P/N IAW THIS AD
87-14-02	N/A BY ENGINE S/N IAW THIS AD

*(Signature)*  
KENNETH L. TUNNELL


5/18/15

*(Signature)*  
**L4-CON**

FAA REPAIR STATION  
CT3R435L

L4-CON REBUILDING CO. 8231 W. DOE AVE. VISALIA, CA 93291 (559) 651-1070 PAGE 1 OF 1 (5)

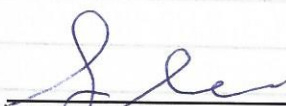

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					



**AMS**  
AIRCRAFT MECHANICAL SERVICES, Inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*

DATE: 06/08/15    MODEL: IO-550-B39B    TSN: 401.0    HOBBS: 401.0  
REG: N6371B    S/N: 1002363

- 1 SERVICE ENGINE WITH 11 QUARTS OF AEROSHELL 15W 50 OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48108-1.
- 3 ENGINE OIL SAMPLE TAKEN.
- 4 COMPRESSION TEST: 1/78, 2/78, 3/78, 4/78, 5/78, 6/78.

  
**STEPHEN STEWART - A&P 2129169**

PERTINENT DETAILS ON FILE: W.O. 637060815-A




**AMS**  
AIRCRAFT MECHANICAL SERVICES, Inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*

DATE: 06/08/15    MODEL: IO-550-B39B    TSN: 401.0    HOBBS: 401.0  
REG: N6371B    S/N: 1002363

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

  
**STEPHEN STEWART - IA 2129169**


PERTINENT DETAILS ON FILE: W.O. 637060815-A



**AMS**  
AIRCRAFT MECHANICAL SERVICES, Inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*

DATE: 06/22/15    MODEL: IO-550-B39B    TSN: 426.0    HOBBS: 426.0  
REG: N6371B    S/N: 1002363

- 1 SERVICE ENGINE WITH 11 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 ENGINE OIL SAMPLE TAKEN.
- 4 COMPRESSION TEST: 1/78, 2/76, 3/77, 4/76, 5/77, 6/77.

  
**RAPHAËL LOPEZ - A&P 2709706**

PERTINENT DETAILS ON FILE: W.O. 637062215

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



**Engine**

DATE: 07/24/15    MODEL: IO-550-B39B    TSN: 450.8    HOBBS: 450.8  
 REG: N6371B    S/N: 1002363  
 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.  
 2 INSTALL NEW OIL FILTER P/N: CH48109-1.  
 3 ENGINE OIL SAMPLE TAKEN.

RAPHAEL LOPEZ - A&P 2709706

PERTINENT DETAILS ON FILE: W.O. 637072415



**Engine**

DATE: 08/27/15    MODEL: IO-550-B39B    TSN: 484.0    HOBBS: 484.0  
 REG: N6371B    S/N: 1002363  
 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.  
 2 INSTALL NEW OIL FILTER P/N: CH48109-1.  
 3 ENGINE OIL SAMPLE TAKEN.

STEPHEN STEWART - A&P 2129169

PERTINENT DETAILS ON FILE: W.O. 637082715



**Engine**

DATE: 10/09/15    MODEL: IO-550-B39B    TSN: 506.0    HOBBS: 506.0  
 REG: N6371B    S/N: 1002363  
 1 COMPRESSION TEST: 1/78, 2/78, 3/78, 4/78, 5/78, 6/78.

STEPHEN STEWART - A&P 2129169

PERTINENT DETAILS ON FILE: W.O. 637100915



**Engine**

DATE: 10/09/15    MODEL: IO-550-B39B    TSN: 506.0    HOBBS: 506.0  
 REG: N6371B    S/N: 1002363  
 ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

STEPHEN STEWART - IA 2129169

PERTINENT DETAILS ON FILE: W.O. 637100915



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					



**AMS**  
AIRCRAFT MECHANICAL SERVICES, inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*

DATE: 01/07/16    MODEL: IO-550-B39B    TSN: 532.1    HOBBS: 532.1  
REG: N6371B    S/N: 1002363

- 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 ENGINE OIL SAMPLE TAKEN.

  
**CHRISTIAN MUNOZ - A&P 3559458**

PERTINENT DETAILS ON FILE: W.O. 637010716




**AMS**  
AIRCRAFT MECHANICAL SERVICES, inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*

DATE: 03/11/16    MODEL: IO-550-B39B    TSN: 562.1    HOBBS: 562.1  
REG: N6371B    S/N: 1002363

- 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 ENGINE OIL SAMPLE TAKEN.

  
**CHRISTIAN MUNOZ - A&P 3559458**

PERTINENT DETAILS ON FILE: W.O. 637031116



**AMS**  
AIRCRAFT MECHANICAL SERVICES, inc.  
9519 Airport Drive, Hanger 19  
Visalia, CA 93277  
*Engine*


DATE: 04/06/16    MODEL: IO-550-B39B    TSN: 599.5    HOBBS: 599.5  
REG: N6371B    S/N: 1002363

- 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 ENGINE OIL SAMPLE TAKEN.

  
**RAPHAEL LOPEZ - A&P 2707906**

PERTINENT DETAILS ON FILE: W.O. 637040616

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward		→			




9519 Airport Drive, Hanger 19  
Visalia, CA 93277


**Engine**

**DATE:** 08/25/16    **MODEL:** IO-550-B39B    **TSN:** 634.4    **HOBBS:** 634.4  
**REG:** N6371B    **S/N:** 1002363

- 1 R&R CHT PROBE P/N#86252 ON CYL#5
- 2 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 3 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 4 ENGINE OIL SAMPLE TAKEN.

  
**RAPHAÉL LOPEZ - A&P 2707906**

**PERTINENT DETAILS ON FILE: W.O. 637082516**




9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

**DATE:** 11/14/16    **MODEL:** IO-550-B39B    **TSN:** 663.2    **HOBBS:** 663.2  
**REG:** N6371B    **S/N:** 1002363

- 1 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 ENGINE OIL SAMPLE TAKEN.
- 4 REPLACE L/H AND R/H MAGNETOS P/N:08-13721
- 5 REPLACE SPARK PLUG P/N:RHB-32S
- 6 COMPRESSION TEST: 1/60, 2/74, 3/64, 4/70, 5/70, 6/74.

  
**STEVE STEWART - A&P 2129169**

**PERTINENT DETAILS ON FILE: W.O. 637111416**



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

**DATE:** 11/14/16    **MODEL:** IO-550-B39B    **TSN:** 663.2    **HOBBS:** 663.2  
**REG:** N6371B    **S/N:** 1002363

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH **ANNUAL** INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

  
**STEPHEN STEWART - IA 2129169**

**PERTINENT DETAILS ON FILE: W.O. 637111416**

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward




9519 Airport Drive, Hanger 19  
Visalia, CA 93277


**Engine**

DATE: 06/09/17    MODEL: IO-550-B39B    TSN: 712.8    HOBBS: 712.8  
REG: N6371B    S/N: 1002363

- SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- INSTALL NEW OIL FILTER P/N: CH48109-1.
- ENGINE OIL SAMPLE TAKEN.

  
**RAPHAEL LOPEZ - A&P 2707906**

PERTINENT DETAILS ON FILE: W.O. 637060917



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

DATE: 12/05/17    MODEL: IO-550-B39B    TSN: 764.0    HOBBS: 764.0  
REG: N6371B    S/N: 1002363

- SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- INSTALL NEW OIL FILTER P/N: CH48109-1.
- ENGINE OIL SAMPLE TAKEN.
- INSTALL ENGINE QUICK DRAIN PN: 06-00637.
- COMPRESSION TEST: 1/70, 2/78, 3/70, 4/70, 5/74, 6/72.

  
**STEVE STEWART - A&P 2129169**

PERTINENT DETAILS ON FILE: W.O. 637120517



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**


DATE: 12/05/17    MODEL: IO-550-B39B    TSN: 764.0    HOBBS: 764.0  
REG: N6371B    S/N: 1002363

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

  
**STEPHEN STEWART - IA 2129169**

PERTINENT DETAILS ON FILE: W.O. 637120517

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					




9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

**DATE:** 2/14/18      **MODEL:** IO-550-B39B      **TSN:** 777.0      **HOBBS:** 777.0  
**REG:** N6371B      **S/N:** 1002363

1 REMOVE & REPLACE CHT PROBES PN: 86252 ON CYLINDER # 2 & 6.

  
**RAPHAËL LOPEZ - A&P 2709706**

**PERTINENT DETAILS ON FILE: W.O. 637021418**



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

**DATE:** 12/18/18      **MODEL:** IO-550-B39B      **TSN:** 829.0      **HOBBS:** 829.0  
**REG:** N6371B      **S/N:** 1002363

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE.

  
**STEPHEN STEWART - IA 2129169**

**PERTINENT DETAILS ON FILE: W.O. 637121818**



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

**DATE:** 11/6/19      **MODEL:** 10-550-B39B      **TSN:** 858.2      **HOBBS:** 858.2  
**REG:** N6371B      **S/N:** 1002363

1 INSTALL SERVICABLE SPLARK PLUG ON CYLINDER #3 LOWER.

  
**RAPHAËL LOPEZ - A&P 2709706**

**PERTINENT DETAILS ON FILE: W.O. 637110619**

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

DATE: 01/13/20    MODEL: IO-550-B39B    TSN: 868.0    HOBBS: 868.0  
REG: N6371B    S/N: 1002363

- 1 ENGINE OIL SAMPLE TAKEN.
- 2 INSTALL NEW OIL FILTER P/N: CH48109-1.
- 3 SERVICE ENGINE WITH 12 QUARTS OF AEROSHELL 100W PLUS OIL.
- 4 COMPRESSION TEST: 1/60, 2/70, 3/64, 4/65, 5/70, 6/72.

  
**STEVE STEWART - A&P 2129169**

PERTINENT DETAILS ON FILE: W.O. 637011320



9519 Airport Drive, Hanger 19  
Visalia, CA 93277

**Engine**

DATE: 01/13/20    MODEL: IO-550-B39B    TSN: 868.0    HOBBS: 868.0  
REG: N6371B    S/N: 1002363

ANNUAL INSPECTION COMPLETED THIS DATE. ALL APPLICABLE AD'S CHECKED AND C/W OR N/A AS LISTED IN AD LOG. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

APPROVED FOR RETURN TO SERVICE.

  
**STEPHEN STEWART - IA 2129169**

PERTINENT DETAILS ON FILE: W.O. 637011320

# AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

57947

1. Approving Nat Authority/Country: FAA/United States	2. Aviation 2.	3. Form Tracking Num 57947
4. Organization Name and Address: <b>Teledyne Continental Motors, 2039 Broad Street, Mobile, Alabama 36601</b>		5. Work Order/Contract/Invoice Number: 158236 <small>Case</small> 0000034689
		PC #508

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ENGINE-NEW	I0550B39B	N/A	1	See Block 13	New

13. Remarks:  
 Airworthiness Approval - Engine  
 Total Time: 0  
 Preservation: This Engine was treated 06/01/10 for one hundred eighty days corrosion protection.  
 Serial/Batch Number(s):  

<u>Serial</u> 1002363	<u>Description</u> ENGINE-NEW
--------------------------	----------------------------------

14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input type="checkbox"/> 14 CFR 43.9 return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.
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15. Authorized Signature: <i>Daniel L. Nicholas</i>	16. Approval/Authorization No.: DMIR-511010-CE
17. Name (Typed or Printed): Daniel L. Nicholas	18. Date (m/d/y): Jun/04/2010
20. Authorized Signature:	21. Approval/Certificate No.:
22. Name (Typed or Printed):	23. Date (m/d/y):

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by user/installer before aircraft may be flown.