

Engine Record General Information

Manufacturer TCM Model IO-550-B

Serial 688577 Type Certificate _____

This engine is currently installed in aircraft: N775SL

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(650) 856-7616

F.A.A. CERTIFIED
REPAIR STATION #BJ3R399L

A/C Reg. # N775SL A/C Ser. # E-3805 W.O. # 16470
 Engine Make T.C.M. Model I0550-B
 Serial # 688577 Eng. T.T. 441.0 S.M.O.H. "0"
 A/F T.T. 441.0 Hobbs Time 441.0 Tach Time _____

1. Engine major overhauled to Victor Aviation "Black Edition II Series" specifications, with new E.C.I. Titan cylinders. T.C.M MSB 09-08 does not apply to this engine by lifter part number installed.
2. Engine overhaul included the following accessories: Fuel control, throttle body, fuel distributor manifold, and magnetos.
3. New Lamar starter and new Skytronics ignition harness installed.
4. The engine identified above has been inspected and repaired in accordance with current Federal Air Regulations and has been determined to be in airworthy condition for the work performed. Pertinent details of the repair are on file at this agency under work order number 16470 dated 11-03-09.
5. Engine was test run satisfactorily upon completion of above work.
6. See rear of log for A.D. listing.
7. Engine was not installed by this agency.
8. Nothing Follows.

Inspector J. Wilson Date 11/25/09
 For repair station of Victor Aviation Services, Inc.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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IMPORTANT

Oil Hoses and all other oil related accessories must be certified prior the installation of this engine or Victor Aviation warranty may be voided.

CAUTION

DO NOT USE DETERGENT OIL IN THIS ENGINE UNTIL OIL CONSUMPTION
STABILIZES AND APPROVAL HAS BEEN GIVEN BY
VICTOR AVIATION SERVICES INC

CAUTION

This engine is equipped with *GAMjectors*[®]
Position-Tuned Fuel Injection Nozzles.

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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CROWNAIR
AVIATION - CRQ

FAA Approved Repair Station #QQ9R189B

CONTINENTAL ENGINE
N775SL
12-08-09

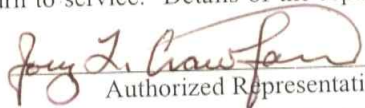
IO-550-B
BONANZA G36
HOBBS/ACTT: 441.0 HRS

S/N: 688577
S/N: E-3805
ETT: 441.0 HRS
SMOH: 0.0 HRS

Maintenance Performed:

- Complied with **50 Hr Inspection** I/A/W Crownair Aviation – CRQ Form CA 107 and in conjunction with Air Options Engine Trend Monitoring Program and Progressive Management Program.
- Took oil sample and sent out for analysis.
- Complied with 50 Hr induction system inspection I/A/W TCM IO-550 M/M, Chap. 71-00-00 and no defects noted at this time.
- Performed compression check on all cylinders I/A/W TCM IO-550 M/M, Chap. 71-00-00. All cylinders failed compression test.
- Removed engine and sent out for overhaul as per customer's request. Reinstalled engine after overhaul by Victor Aviation Services, Inc., FAA Certified Repair Station #BJ3R399L, Work Order #16470, dated 11-25-09. All work done I/A/W Bonanza G36 M/M & TCM IO-550 M/M, Chap. 71-00-00.
- Serviced engine with Aeroshell 100 straight mineral oil.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current FARs and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #AF-09-05825.



 Authorized Representative

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YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

CONTINENTAL ENGINE
 N775SL
 1-14-10

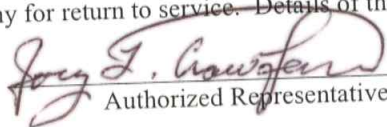
IO-550-B
 BONANZA G36
 HOBBS/ACTT: 471.6 HRS

S/N: 688577
 S/N: E-3805
 ETT: 471.6 HRS
 SMOH: 30.6 HRS

Maintenance performed:

- Changed oil and filter. Serviced engine with 12 Qts of Aeroshell 15W-50 oil and installed new CH48109-1 oil filter. Ground ran and leak checked good. All work done I/A/W Teledyne Continental IO-550-B M/M, Chap. 7, Section 7-1.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current FARs and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #AF-10- 05877.



 Authorized Representative

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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.)

CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

CONTINENTAL ENGINE
N775SL
1-19-10

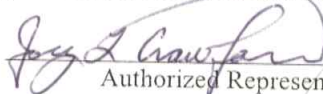
IO-550-B
BONANZA G36
HOBBS/ACTT: 471.6 HRS

S/N: 688577
S/N: E-3805
ETT: 471.6 HRS
SMOH: 30.6 HRS

Maintenance performed:

- Replaced oil pressure relief valve with a new warranty part furnished by Victor engines. Ground ran and Ops checked good. All was work done I/A/W Bonanza G36 M/M & TCM IO-550-B M/M, Chap. 79-00-00.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current FARs and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #AF-10-05879.



 Authorized Representative

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
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.)

CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

CONTINENTAL ENGINE
N775SL
2-19-10

IO-550-B
BONANZA G36
HOBBS: 487.6 HRS

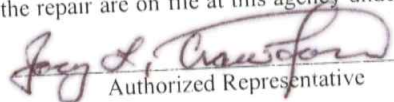
S/N: 688577
S/N: E-3805
ACTT: 487.6 HRS

Maintenance Performed:

- Completed **100 Hr / Annual Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105 and in conjunction with Air Options Engine Trend Monitoring Program & Progressive Management Program.
- Compression checks as follows: #1. 78/80 #2. 76/80 #3. 78/80 #4. 78/80 #5. 76/80 #6. 75/80.
- Completed AD research through Biweekly 2010-04.
- **AD 2009-16-03** is N/A by manufacture of cylinders installed.

I certify that this **engine** has been inspected in accordance with **100 Hr / Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current FARs and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #AF-10-05896.


Authorized Representative

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine
 July 15, 2010

Engine: TCM IO-550B
 AFTT: 583.5
 ETT: 583.5

S/N: 688577
 Hobbs: 583.5
 ESMOH: 141.6

Performed 100 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Serviced engine with 12Qts-15W50, and replaced oil filter P/N 48109-1. Engine Compression Check: 1)72, 2)76, 3)78, 4)77, 5)79, 6)74. AD 84-26-02 due @ ETT -941.9. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #101

This aircraft, airframe, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature:  CRS #L5RR704Y, Date: 7/15/10

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine
 September 21, 2010
 Engine: TCM IO-550B
 AFTT: 624.1
 ETT: 624.1

S/N: 688577
 Hobbs: 624.1
 ESMOH: 182.2

Performed **Annual inspection** in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Serviced engine with 12Qts-15W50, and replaced oil filter P/N 48109-1. Engine Compression Check: 1)78, 2)75, 3)75, 4)74, 5)77, 6)76. AD 84-26-02 due @ ETT -941.9. Removed spark plugs, cleaned and gap checked; ok-reinstalled. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #103

This engine identified above has been inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature:  CRS #L5RR704Y, Date: 9/21/10

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine

November 23, 2010

Engine: TCM IO-550B

AFTT: 670.5

ETT: 670.5

S/N: 688577

Hobbs: 670.5

ESMOH: 228.6

Performed 50 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Serviced engine with 12Qts-15W50, and replaced oil filter P/N 48109-1. Engine Compression Check: 1)75, 2)72, 3)76, 4)76, 5)72, 6)74. AD 84-26-02 due @ ETT -941.9. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #104

This aircraft, airframe, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____

CRS #L5RR704Y, Date: _____

1-2-11

Replaced A/c Belt
G90.9

Hobbs

w/wear item 646292-24 - ops checked ok
Approved for R.A.S. / JHC for CRS. L5RR704Y

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
2006 Palomar Airport Rd, Ste 206
Carlsbad, CA 92011
CRS #L5RR704Y

Engine

January 19, 2011

Engine: TCM IO-550B

AFTT: 718.6

ETT: 718.6

S/N: 688577

Hobbs: 718.6

ESMOH: 276.2

Performed 100 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Serviced engine with 12Qts-15W50, and replaced oil filter P/N 48109-1. Engine Compression Check: 1)71, 2)68, 3)71, 4)72, 5)74, 6)72. AD 84-26-02 due @ ETT -941.9. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #105

This airframe, engine, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____



CRS #L5RR704Y, Date: _____

1/19/11

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
2006 Palomar Airport Rd, Ste 206
Carlsbad, CA 92011
CRS #L5RR704Y

Engine

February 18, 2011

Engine: TCM IO-550B
AFTT: 763.8
ETT: 763.8

S/N: 688577
Hobbs: 763.8
ESMOH: 321.9

Performed 50 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Serviced engine with 12Qts-15W50, and replaced oil filter P/N 48109-1. Engine Compression Check: 1)74, 2)72, 3)72, 4)76, 5)75, 6)74. AD 84-26-02 due @ ETT -941.9. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #106

This aircraft, airframe, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____

CRS #L5RR704Y, Date: _____

2/18/11

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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**CROWNAIR – CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011**

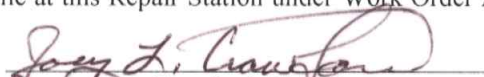
N775SL
2-18-11

BONANZA G36
HOBBS: 763.8 HRS

S/N: E-3805
ACTT: 763.8 HRS

- Removed and replaced #1, #3 & #5 cylinder intake gaskets and exhaust gaskets with 3 each new P/Ns 649959 & 682458 and 1 each new P/N 642502. All work was done I/A/W Hawker Beechcraft G36 Bonanza Series M/M.
- Installed customer furnished new R/H top forward wing bolt cover, P/N 35-105005-11 I/A/W Hawker Beechcraft G36 Bonanza Series M/M.
- Removed and replaced push-to-talk switch with new P/N 30-1. Ops checked good I/A/W Beechcraft G36 Bonanza Series M/M.

I certify that with respect to the work performed this aircraft 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 for return to service. Details of this repair are on file at this Repair Station under Work Order AF-11-06217.


Joey L. Crawford, Chief Inspector

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

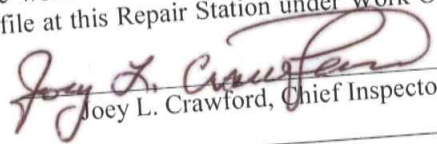
S/N: E-3805
 ACTT: 801.4 HRS

BONANZA G36
 HOBBS: 801.4 HRS

N775SL
 3-28-11

- Replaced intake gaskets with new P/N 649959 on #1, #3 & #5 intake tubes and reinstalled with new intake hoses. Replaced #1 & #5 intake tubes with customer supplied parts. Ground ran engine and no leaks detected. All work was done I/A/W TCM MM 72-00-00.
- Removed and replaced prop rod end with new P/N 131765-1F and attaching bracket with new P/N 35-944051-13. All work was done I/A/W Bonanza G36 MM, Chap. 61.
- Serviced oxygen to 1850 psi.

I certify that with respect to the work performed this aircraft 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 for return to service. Details of this repair are on file at this Repair Station under Work Order AF-11-06241.


 Joey L. Crawford, Chief Inspector

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine

April 10, 2011

Engine: TCM IO-550B
 AFTT: 823.2
 ETT: 823.2

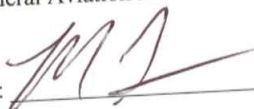
S/N: 688577
 Hobbs: 823.2
 ESMOH: 381.3

Performed 100 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #107

This airframe, engine, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____



CRS #L5RR704Y, Date: _____

4/10/11

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CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

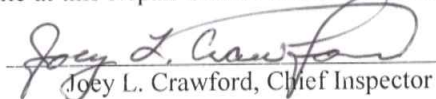
CONTINENTAL ENGINE
N775SL
4-08-11

IO-550-B
BONANZA G36
HOBBS: 823.2 HRS
ETT: 823.2 HRS

S/N: 688577
S/N: E-3805
ACTT: 823.2 HRS
SMOH: 382.2 HRS

- Changed oil and filter. Serviced engine with 12 Qts of Aeroshell 15W-50 oil and installed new CH48109-1 oil filter. Ground ran and leak checked good. Cut open old oil filter and inspected with no metal contamination found. All work was done I/A/W TCM IO-550-B MM, Chap, 7, Section 7-1.
- Performed compression check on all cylinders as follows: #1. 70/80 #2. 58/80 #3. 60/80 #4. 74/80 #5. 72/80 #6. 60/80.
-

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 for return to service. Details of this repair are on file at this Repair Station under Work Order AF-11-06265.



Joey L. Crawford, Chief Inspector

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine

May 04, 2011

Engine: TCM IO-550B

S/N: 688577

AFTT: 848.5

Hobbs: 848.5

ETT: 848.5

ESMOH: 406.6

Removed Cylinder #3 due to cracks; installed overhauled ECI-Titan cylinder S/N 75519-22 supplied by Victor Aviation. Drained oil, removed filter- inspected for particles; none found. Serviced engine with 11 quarts of 100W Mineral Oil and new CH48109-1 oil filter. Work performed in accordance with Hawker Beechcraft Bonanza 36/G36 MM and Air-Options Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Performed ground run and leak checks; operational check ok.

Details of this inspection are on file with Air-Options Aviation CRS #L5RR704Y under WO #108

This engine identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____

CRS #L5RR704Y, Date: _____

5/4/11

YEAR
20 _____
DATE

RECORDING
TACH
TIME

TODAY'S
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.)

CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

CONTINENTAL ENGINE
N775SL
5-11-11

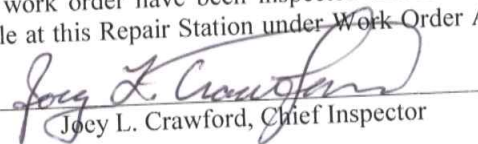
IO-550-B
BONANZA G36
HOBBS: 849.7 HRS
ETT: 849.7 HRS

S/N: 688577
S/N: E-3805
ACTT: 849.7 HRS
SMOH: 407.8 HRS

Maintenance Performed:

- Visually inspected engine for leaks. Tightened loose hardware on #3 cylinder rocker arm cover. Removed and reinstalled CHT in correct position. Secured #3 cylinder exhaust pipe. Washed engine down with approved solvent. Ground run and leak checked good. All work was done I/A/W Bonanza G36 MM 72-00-00 & 78-00-00.
- Installed new customer furnished rocker cover gasket on #4 cylinder. Leak checked good I/A/W Bonanza G36 MM 72-00-00.
- Replaced push rod tube seal on #3 cylinder with new P/N 534610. Leak checked good I/A/W Bonanza G36 MM 72-00-00.

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 for return to service. Details of this repair are on file at this Repair Station under Work Order AF-11-06294.


Joey L. Crawford, Chief Inspector

CROWNAIR – CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
2006 PALOMAR AIRPORT RD., SUITE 101
CARLSBAD, CA 92011

CONTINENTAL ENGINE
N775SL
6-06-11

IO-550-B
BONANZA G36
HOBBS: 871.0 HRS
ETT: 871.0 HRS

S/N: 688577
S/N: E-3805
ACTT: 871.0 HRS
SMOH: 429.1 HRS

Maintenance Performed:

- Performed compression check on all cylinders as per customer's request. All cylinders failed compression check with the exception of the #3 cylinder. Borescope inspection reveals that the #1, #2, #4, #5 & #6 cylinders are cracked. Removed cracked cylinders, P/N AEC65385 and installed 5 each new ECI cylinders, P/N AEC631397 as follows: #1 cylinder S/N 76151-28; #2 cylinder S/N 76132-17; #4 cylinder S/N 76132-16; #5 cylinder S/N 76132-23; & #6 cylinder S/N 76151-19. See FAA Form 8130-3 issued by Airmotive Engineering Corporation, Approval/Authorization No. DMIR832976SW, dated May 24, 2011 for details. Serviced engine with Aeroshell 100W straight mineral oil. Ground ran, Ops checked and leak checked good. All work was done I/A/W TCM IO-550-B MM, Chap. 19.
- Removed and replaced alternator #1, P/N 649304, S/N 007FA027 with overhauled exchange P/N 649304, S/N 009HA145R. Ops checked good I/A/W TCM IO-550-B MM, Chap. 16.

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 for return to service. Details of this repair are on file at this Repair Station under Work Order AF-11-06303.



Authorized Representative

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)

AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine
 June 14, 2011

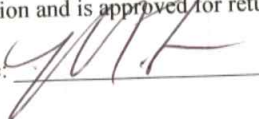
Engine: TCM IO-550B
 AFTT: 887.3
 ETT: 887.3

S/N: 688577
 Hobbs: 887.3
 ESMOH: 445.4

Changed oil and filter; Serviced engine with 11 quarts of Aeroshell 15W/50 and new CH48109-1 oil filter. Work performed in accordance with Hawker Beechcraft Bonanza 36/G36 MM and Air-Options Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Performed ground run and leak checks; operational check ok.

Details of this inspection are on file with Air-Options Aviation CRS #L5RR704Y under WO #109

This engine identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature:  CRS #L5RR704Y, Date: 6/14/11

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YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine

June 22, 2011

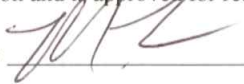
Engine: TCM IO-550B
 AFTT: 892.3
 ETT: 892.3

S/N: 688577
 Hobbs: 892.3
 ESMOH: 450.4

Found oil leak at push rod tube end on Cylinder #3 outboard. Removed and replaced all push rod tube seals on both #3 tubes. Replaced scat hoses for heater w/ new. Complied with AD84-26-02; replaced Paper Element Air Filter with new, P/N P13767. Next replacement due at 1392.3 AFTT.
 Work performed in accordance with Hawker Beechcraft Bonanza 36/G36 MM and Air-Options Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Performed ground run and leak checks; operational check ok.

Details of this inspection are on file with Air-Options Aviation CRS #L5RR704Y under WO #110

This engine identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature:  CRS #L5RR704Y, Date: 6/22/11

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine
 July 15, 2011

Engine: TCM IO-550B
 AFTT: 918.9
 ETT: 918.9

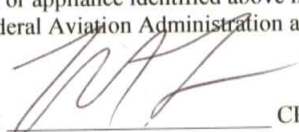
S/N: 688577
 Hobbs: 918.9
 ESMOH: 477.0
 ESTOH: 48.0

Performed 100 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved Engine Trend Monitoring & Progressive Inspection Program. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual; all ok

Details of this inspection are on file with AirOptions Aviation CRS #L5RR704Y under WO #112

This airframe, engine, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____



CRS #L5RR704Y, Date: _____

7/15/11

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)



506.4
SMOH

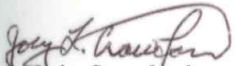
ENGINE LOGBOOK ENTRY CRS # J36R336X

Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	947.4 HRS	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- REMOVED AND REPLACED RIGHT MAGNETO P/N 6310 S/N 07060165 WITH NEW P/N 6310 S/N 11070111 WORK DONE IAW CONTINENTAL IO-550-B MAINTENANCE MANUAL SECTION 12-5.
- REMOVED AND REPLACED LEFT MAGNETO P/N 6310 S/N 07060179 WITH NEW P/N 6310 S/N 11031372 WORK DONE IAW CONTINENTAL IO-550-B MAINTENANCE MANUAL SECTION 12-5.

The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: MR11-05458.


 Joey L. Crawford
 CRSJ36R336X

Jet Source Inc.
 2056 Palomar Airport Road
 Carlsbad, CA 92011

08/08/2011

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)

jetsource

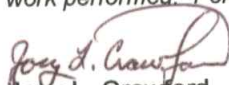
ENGINE LOGBOOK ENTRY CRS# J36R336X

Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	967.2	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- CHANGED OIL AND OIL FILTER 11 QTS 15W50 AND NEW CH48109-1 FILTER RAN ENGINE NO LEAKS DETECTED WORK DONE IAW CONTINENTAL IO-550-B MM.
- OIL SAMPLE TAKEN.

The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: MR11-05481.


Joey L. Crawford
CRSJ36R336X

Jet Source Inc.
2056 Palomar Airport Road
Carlsbad, CA 92011

08/18/2011

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)



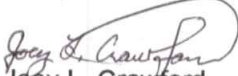
ENGINE LOGBOOK ENTRY CRS # J36R336X

Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	1004.7	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- REMOVED AND REPLACED ALTERNATOR P/N 649304 S/N 009HA145R WITH OVERHAULED UNIT P/N 649304 S/N 011CA034 WORK DONE I/A/W BEECH G-36 AND CONTINENTAL IO-550 M.M.'S OPS CHECK GOOD.

*The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: **MR11-05506**.*


 Joey L. Crawford
 CRSJ36R336X

Jet Source Inc.
 2056 Palomar Airport Road
 Carlsbad, CA 92011

09/13/2011

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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ENGINE LOGBOOK ENTRY CRS # J36R336X


Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	1034.1	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- COMPLETED **ANNUAL INSPECTION** I/A/W BONANZA SERIES MAINTENANCE MANUAL 36-590001-9 CHAPTER 05-20-00-001 ANNUAL INSPECTION GUIDE AND IN CONJUNCTION WITH AIR OPTION SEIFR PROGRAM AND PROGRESSIVE MANAGEMENT PROGRAM.
- COMPRESSION CHECK AS FOLLOWS #1. 76/80 #2. 76/80 #3. 72/80 #4. 76/80 #5. 76/80 #6. 78/80.
- CHANGED OIL AND OIL FILTER SERVICED WITH 12 QTS. AS15W50 AND CH48109-9 OIL FILTER WORK DONE I/A/W BONANZA SERIES M.M. CHAPTER 12-10-00 PARAGRAPH E.
- REPLACED STARTER O-RING WITH NEW P/N MS902-038 WORK DONE I/A/W CONTINENTAL IO-550-B MAINTENANCE MANUAL CHAPTER 17 SECTION 17-9.
- REPLACED CYLINDER #1 BOTTOM SPARK PLUG WITH NEW P/N RHB32E WORK DONE I/A/W CONTINENTAL IO-550-B MAINTENANCE MANUAL CHAPTER 12 SECTION 12-4.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN **ANNUAL INSPECTION** AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: **MR11-05526**.*


Joey L. Crawford
CRSJ36R336X

Jet Source Inc.
2056 Palomar Airport Road
Carlsbad, CA 92011

10/03/2011

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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ENGINE LOGBOOK ENTRY CRS # J36R336X

Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	1091.4	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- COMPLETED 50 HOUR INSPECTION I/AW AIROPTIONS AVIATION, LLC APPROVED AIRCRAFT INSPECTION PROGRAM CHAPTER 2 AIRCRAFT OPERATED UNDER SEIFR.
- CHANGED OIL AND OIL FILTER 12 QUARTS AS15W50 AND CH48109-1 OIL FILTER. WORK DONE I/AW BEECH G-36 MAINTENANCE MANUAL CHAPTER 12.
- COMPRESSION CHECK #1, 78/80 #2, 74/80 #3, 74/80 #4, 72/80 #5, 74/80 #6, 74/80.
- OIL SAMPLE TAKEN SENT TO LAB ONE AVIATION.

The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: **MR11-05574**.


Joey L. Crawford

CRSJ36R336X

Jet Source Inc.
2056 Palomar Airport Road
Carlsbad, CA 92011

11/22/2011

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YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
20				Entries must be endorsed with Name, Rating and Certificate Number of



ENGINE LOGBOOK ENTRY CRS # J36R336X


Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	1126.0	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- COMPLETED **100 HOUR/ ANNUAL INSPECTION** I/AW BONANZA SERIES MAINTENANCE MANUAL 36-590001-9 CHAPTER 05-20-00-001 ANNUAL INSPECTION GUIDE AND IN CONJUNCTION WITH AIR OPTION SEIFR PROGRAM AND PROGRESSIVE MANAGEMENT PROGRAM.
- COMPRESSION CHECK AS FOLLOWS #1. 75/80 #2. 78/80 #3. 70/80 #4. 76/80 #5. 77/80 #6. 74/80.
- CHANGED OIL AND OIL FILTER SERVICED WITH 12 QTS. AS15W50 AND CH48109-9 OIL FILTER WORK DONE I/AW BONANZA SERIES M.M. CHAPTER 12-10-00 PARAGRAPH E.
- REPLACED 3 INCH SCAT TUBING WITH NEW P/N 12-528 AS REQUIRED.
- REPLACED 11 EACH SPARK PLUGS WITH NEW P/N RHB32E WORK DONE I/AW CONTINENTAL IO-550-B MAINTENANCE MANUAL CHAPTER 12 SECTION 12-4.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A **100 HOUR/ ANNUAL INSPECTION** AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: **MR11-05598**.*


 Joey L. Crawford
 CRSJ36R336X

Jet Source Inc.
 2056 Palomar Airport Road
 Carlsbad, CA 92011

12/29/2011

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine
 June 18, 2012

Engine: TCM IO-550B

W AFTT: ~~1181.0~~ 1183.2
 ETT: ~~1481.0~~ 1183.2

S/N: 688577

Hobbs: ~~1181.0~~ 1183.2 *W*
 ESMOH: ~~739.1~~ 741.3

Performed 50 hour inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and Air-Options Aviation Approved Inspection Program. Changed oil and filter; Serviced engine with 11 quarts of Aeroshell 15W/50 and new CH48109-1 oil filter. Performed Compression Check; all within normal range
 Performed ground run and leak checks; operational check ok.

This engine identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____

CRS #L5RR704Y, Date: _____

[Signature]
 6/18/12

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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AirOptions Aviation, LLC
 2006 Palomar Airport Rd, Ste 206
 Carlsbad, CA 92011
 CRS #L5RR704Y

Engine

September 14, 2012

Aircraft: N775SL

AFTT: 1220.8

ETT: 1220.8

S/N: E-8805

Hobbs: 1220.8

ESMOH: 778.9

ESTOH: 349.9

Performed annual inspection in accordance with Hawker Beechcraft Bonanza 36/G36 MM and AirOptions Aviation approved aircraft inspection program. . Performed oil change (12 Qts Aeroshell 15W50) and replaced oil filter (CH48109) with new. Checked and gapped spark plugs. Compression Check :78, 74, 70, 77, 78, 78. Performed ground runs, leak checks and ground operational checks in accordance with the maintenance manual;

This engine identified above has been inspected in accordance with AirOptions Aviation Approved Aircraft Inspection Program and current Regulations of the Federal Aviation Administration and is approved for return to service:

Authorized Signature: _____

CRS #L5RR704Y, Date: _____

9/15/12

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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ENGINE MODEL: IO-550-B
ENGINE S/N: 688577
REG. NO: N775SL
WORK ORDER:
20130813.05



Hangar One of California, Inc.

Repair Station No. 2HGR264B
2026 Palomar Airport Road
Carlsbad, CA 92011
Phone (760) 929-2270

DATE: 9/24/2013
A/C TSN: 1304.2
ENG TT
TSMOH: 862.3
HOBBS: 1304.2

Engine Entries

Performed engine annual inspection per Bonanza Maintenance Manual 5-20-00 page 9-29. Compression as follows: 1. 77/80 2. 65/80 3. 65/80 4. 65/80 5. 72/80 6. 60/80. Performed cylinder borescope inspection, baffle condition inspection, induction system inspection, cowling inspection and cowl flap operational check. Cleaned induction air filter. I certify that this engine was inspected in accordance with an annual inspection and was found in airworthy condition. ... Complied with Tornado Alley Turbo(TAT) ICA 50 hour oil and filter change, service with Aeroshell 15W-50. Complied with(CW) TAT 50. 100 hour inspection items per TAT document # 35-6460001. Complied with 5 year GAMI fuel nozzles cleaning per GAMI document IP-2001-01. Replaced Turbocharger outlet duct V-BAND clamp with new, complies with 400 hour requirement, Installed PN: 4404C375-M.... Timed Lh and Rh magnetos to 22 degrees. ... Removed Turbo outlet duct for repair. Duct repaired by Tornado Alley Turbo under WO# 9706. Installed after repair in accordance with Tornado Alley Turbo document # 35-6460001 Rev A.

The aircraft and/or component identified was repaired/inspected in accordance with current Federal Aviation Administration regulations, manufactures maintenance manuals and were found airworthy for return to service, with respect to work performed.

DATE: 9/24/2013

SIGNED:

Work Order: 20130813.05

MAKE: Beechcraft
MODEL: G-36
S/N: E-3805
REG. NO: N775SL
WORK ORDER:
20140716.02



Hangar One of California, Inc.

Repair Station No. 2HGR264B
2026 Palomar Airport Road
Carlsbad, CA 92011
Phone: (760) 929-2270

DATE: 7/16/2014
A/C TSN: 1341
HOBBS: 1304.2
Landings: 1071

Airframe Entries

Replaced engine #6 EGT probe with new. Installed PN: 86245 in accordance with Alcor Document 59180 Rev G... Performed weight check of portable fire extinguisher in accordance with Amerex maintenance instructions. Weight 4.57 lbs

I certify that this Aircraft/Engine has been inspected in accordance with AirOptions Aviation LLC's Approved Aircraft Inspection Program and was found to be in airworthy condition and is approved for return to service.

DATE: 7/16/2014

SIGNED:

Work Order: 20140716.02

Aldon Colby
Certified Repair Station No. 2HGR264B

Printed by EBis 3 (datcomedia.com)

YEAR
20
DATE

Description of Inspections, Tests, Repairs and Alterations

JetSource

ENGINE LOGBOOK ENTRY CRS # J36R336X

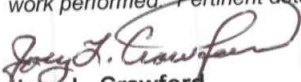
Manufacturer	CONTINENTAL	Model	IO-550-B
Registration	N775SL	Serial Number	688577
Total Time	1378.9	Cycles	

The following maintenance/inspection/repairs have been accomplished:

- COMPLETED 100 HOUR/ ANNUAL INSPECTION I/AW BONANZA SERIES MAINTENANCE MANUAL 36-590001-9 CHAPTER 05-20-00-001 ANNUAL INSPECTION GUIDE AND IN CONJUNCTION WITH AIR OPTION SEIFR PROGRAM AND PROGRESSIVE MANAGEMENT PROGRAM.
- COMPRESSION CHECK AS FOLLOWS #1. 77/80, #2. 62/80, #3. 68/80, #4. 68/80, #5. 70/80, #6. 72/80.
- CHANGED OIL AND OIL FILTER SERVICED WITH 12 QTS. AS15W50 AND CH48109-9 OIL FILTER WORK DONE I/AW BONANZA SERIES M.M. CHAPTER 12-10-00 PARAGRAPH E.
- REMOVED SCAVENGE PUMP AND STARTER COVER ADAPTER AND REPLACED SEAL P/N 653171 AND BEARING P/N 637817 AND REINSTALLED I.A.W. TELEDYNE CONTINENTAL MOTORS MAINTENANCE AND OVERHAUL MANUAL P/N M-16 DATED SEPTEMBER 2014 SECTION 13-6.
- REPLACED 2 O-RING ON WASTE GATE P/N MS28778-4 AND MS28778-6 I.A.W. TORNADO ALLEY TURBO INC CONTINUED AIRWORTHINESS MANUAL.
- REPLACED TACH GENERATOR GASKET WITH NEW P/N 8313 I.A.W. TELEDYNE CONTINENTAL MOTORS MAINTENANCE AND OVERHAUL MANUAL P/N M-16 DATED SEPTEMBER 2014 SECTION 13.
- REPLACED 6 EACH SPARK PLUGS WITH NEW P/N RHB32E WORK DONE I/AW CONTINENTAL IO-550-B MAINTENANCE MANUAL CHAPTER 12 SECTION 12-4.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: **MR14-06774**.


Joey L. Crawford
CRSJ36R336X

Jet Source Inc.
2056 Palomar Airport Road
Carlsbad, CA 92011

10/15/2014

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
20				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

N775SL 16 ANN

05/21/2016 N775SL HOBBS 1426.7 HRS. 985.7 HRS. SMOH

COMP. TEST #1-80/80, #2- NEW, #3-68/80, #4-78/80, #5-80/80, #6-70/80, INSTALLED A NEW CYL. STUD ASSY. IN THE #2 POSITION REF VICTOR AVIATION SERVICE FAA FORM 8130-3, TRACKING # 17211, CHANGED OIL, INSTALLED SHELL 100 MINERAL OIL, REPLACED THE OIL FILTER, SERVICED THE SPARK PLUGS, CHK'D IGNITION TIMING, CLEANED THE INJECTOR SCREEN, CLEANED THE INDUCTION AIR FILTER PER AD 84-26-02, INSPECTED PROPELLER FOR CONDITION, REPAIRED COOLING BAFFLE SEVERAL PLACES AROUND OIL COOLER, CHK'D CONTROLS FOR OPS. RAN UP AND CHK'D OPS. NORMAL - NO LEAKS NOTED.

John Mills

JOHN MILLS
A&P 1931548

05/21/2016 TOTAL ENGINE TIME 1426.7 HRS. I CERTIFY THAT THIS ENGINE & PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

John Mills

JOHN MILLS
IA 1931548

N775SL 5/18/2018 Hobbs 1478.5 ESOH 1037.5 ETT 1478.5

- 1) Compression check 60, 68, 60, 60, 71, 68/80
- 2) Removed and replaced #3 cylinder installed Victor Aviation Service overhauled p/n 655469 s/n 7-02.17495.3
See 8130-3 dated 2/28/2018 all work IAW CMI manuals Replaced cylinder hold down nuts with new
2 p/n 646312, 2 p/n 652541, and 6 p/n 652422
- 3) Changed oil and filter installed AA48109 filter and 11 qts Phillips 20W50 AD old filter open and checked
found serviceable Oil sample taken
- 4) Checked magneto timing IAW Continental Manual M-O chapter 6-4.9.1
- 5) Clean and gap spark plugs replaced gaskets installed IAW Continental Manual M-O chapter 6-4.9.2
- 6) Cleaned fuel injectors IAW Continental Manual M-O chapter 6-4.17
- 7) Clean throttle screen, & fuel screen
- 8) C/W TCM SB95-7A Manifold valve cover inspection found serviceable due next 5/2019
- 9) C/W Continental cylinder visual inspection IAW Continental Manual M-O chapter 6-4.11.1 found
serviceable due next 5/2019
- 10) C/W Inspection and maintenance of engine controls and linkage IAW Continental Manual M-O chapter 6-4.19
found serviceable due next 5/2019
- 11) C/W Tornado Alley Turbo 50, 100, and 200hr inspection inspected V band coupling IAW AD 2018-06-11
Found serviceable at this time replacement due TT 1704.2 IAW AD 2001-08-08 *Does NOT APPLY*
← This does
- 12) Removed alternator disassembled clean and check, clean armature replaced brush block assembly p/n 646853
Bearing kit p/n 646495A1 reassembled, check clutch slippage found serviceable, reinstalled with new gasket
all work IAW Continental manual X30531 and M-O
- 13) C/W AD 84-26-02 Induction air filter c/w by installing new filter next replacement due Hobbs 1978.5 or condition
- 14) Replaced air conditioner drive belt with new p/n 657970
- 15) Replaced magneto pressurization filter with new p/n 04-6700015
- 16) Replaced hoses for magneto pressurization with new MIL6000-1/4
- 17) Replaced standby alternator drive gar lock seal with new
- 18) C/W CM SB17-01 Flange nut inspection and corrosion prevention c/w inspection found serviceable
And applied LPS Procyon to nuts due next 1578.5

-----continued next page-----

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S 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.)

N775SL 5/18/2018 Hobbs 1478.5 ESOH 1037.5 ETT 1478.5 continued

- 19) C/W CM SID05-1B Inspection guidelines for camshaft and hydraulic lifters c/w inspection of Camshaft found serviceable IAW IV. 7 a. Replaced all lifters with new installed 6 p/n SA628488 And 6 p/n SA646277. Replaced all push rod tube seals and RBC gaskets with new
- 20) Replaced engine lord mounts and bolts installed 4 new J110520-1 mounts and bolts 130909B8 nuts 130909N3
- 21) Replaced fuel flow transducer bracket with new p/n 102-910060-1
- 22) Repaired turbo heat shield
- 23) Repositioned turbo mounting at mounting bracket
- 24) Repaired RH rear baffle at channel baffle support, repositioned #2 cylinder baffle
- 25) Replaced waste gate drain line
- 26) Replaced cylinders 2 and 6 CHT probes with new p/n 86252
- 27) Replaced 3 heating system scat hoses with new
- 28) Replaced prop control to governor bolt with new
- 29) Replaced oil temp cannon plug and wire to existing splice
- 30) Clean engine and lube controls
- 31) Ground run, operational and leak check found serviceable at this time and approved for return to service for the work performed

NAGLE AIRCRAFT, INC.
 HANSCOM FIELD WEST
 BEDFORD MA.01730
 (781) 274-1210

-----END-----
Stephen C Gosby ATP 2715156
Date 5/18/2018 Tach 1478.5

I certify that this engine has been
 inspected in accordance with an annual
 inspection and is in an Airworthy condition

Stephen C Gosby
 Stephen C Gosby IA 3036633

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
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.)

N775SL 636 S/N E3805

8/2/19

CHANGED OIL AND FILTER
INSPECTED, SERVICED WITH
11 QTS 15W 50 ARROSHILL
LEAK CHECK SATISFACTORY.

KMuy *[Signature]* AP35420084



508-945-5747

Chatham Municipal Airport, 240 George Ryder Rd. Chatham, MA 02633
Tel (508) 945-5747, Fax (508) 945-9599. sticknrudderaero@comcast.net
Visit us on the web at www.chathamairport.com

April 6, 2020
N775SL
Beechcraft G36 s/n: E- 3805
Hobbs: 1530.6

Engine Entry
Cont. IO-550-B s/n: 1011401
TSMOH: 1089.6
TTE: 1530.6

ANNUAL INSPECTION: c/w per Beech Long form Inspection Guide p/n 98-32227R & FAR 43 Appendix D. All scheduled servicing & lubrication performed per service manual instructions. In addition the following items were accomplished:

- 1) Cylinder compression test: #1= 76/80, #2= 68/80, #3= 68/80, #4= 60/80, #5= 69/80, #6= 75/80. All within limits.
- 2) Oil drained, filter removed & cut open – contents show normal wear.
- 3) Oil sample taken & sent out for analysis. Results from Blackstone Labs placed in ship records.
- 4) Engine serviced with 11qts Philips 20W50 X/C oil.
- 5) New AA48109 oil filter installed torqued & safety wired.
- 6) Replaced Left and Right hand Magnetos with Overhauled units (Both 6320's) by Kelly Aerospace Systems, Work order #'s (RH) #1906482, Serial #H-06297, (LH) W/O# 1907796, Serial #H-07505. Both magnetos re-installed with engine timing verified and correct
- 7) Fuel servo finger screen inspected & re-installed w/new gasket P/N 649983. No contaminants found.
- 8) Fuel injectors cleaned, inspected and re-installed. Torqued to specification
- 9) Propeller dressed as needed. Prop hub greased
- 10) Spark plugs cleaned, inspected, and tested. All reinstalled with new M674 gaskets.

cont →

YEA
20
DAT



508-945-5747

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June 16, 2021
N775SL
Beechcraft G36 s/n: E- 3805
Hobbs: 1567.5

Engine Entry

Cont. IO-550-B s/n: 1011401
TSMOH: 1126.5
TTE: 1567.5

ANNUAL INSPECTION: c/w per Beech Long form Inspection Guide p/n 98-32227R & FAR 43 Appendix D. All scheduled servicing & lubrication performed per service manual instructions. In addition the following items were accomplished:

- 1) Cylinder compression test: #1= 71/80, #2= 63/80, #3= 68/80, #4= 58/80, #5= 60/80, #6= 64/80. All within limits.
- 2) Oil drained, filter removed & cut open – contents show normal wear.
- 3) Oil sample taken & sent out for analysis. Results from Blackstone Labs placed in ship records.
- 4) Engine serviced with 11qts Aeroshell 100W oil.
- 5) New AA48109 oil filter installed torqued & safety wired.
- 6) Both magneto timings checked and verified correct .
- 7) Fuel servo finger screen inspected & re-installed w/new gasket P/N 649983. No contaminants found.
- 8) Fuel injectors cleaned, inspected and re-installed. Torqued to specification
- 9) Propeller dressed as needed. Prop hub greased
- 10) Spark plugs cleaned, inspected, and tested. All reinstalled with new M674 gaskets & torqued.
- 11) Cleaned spark plug ignition leads rubber ends and spark plug well inserts.
- 12) Lubricated & verified travel and rig of all engine controls. Exhaust system fully inspected for bad / leaks.

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er of
tries.)

