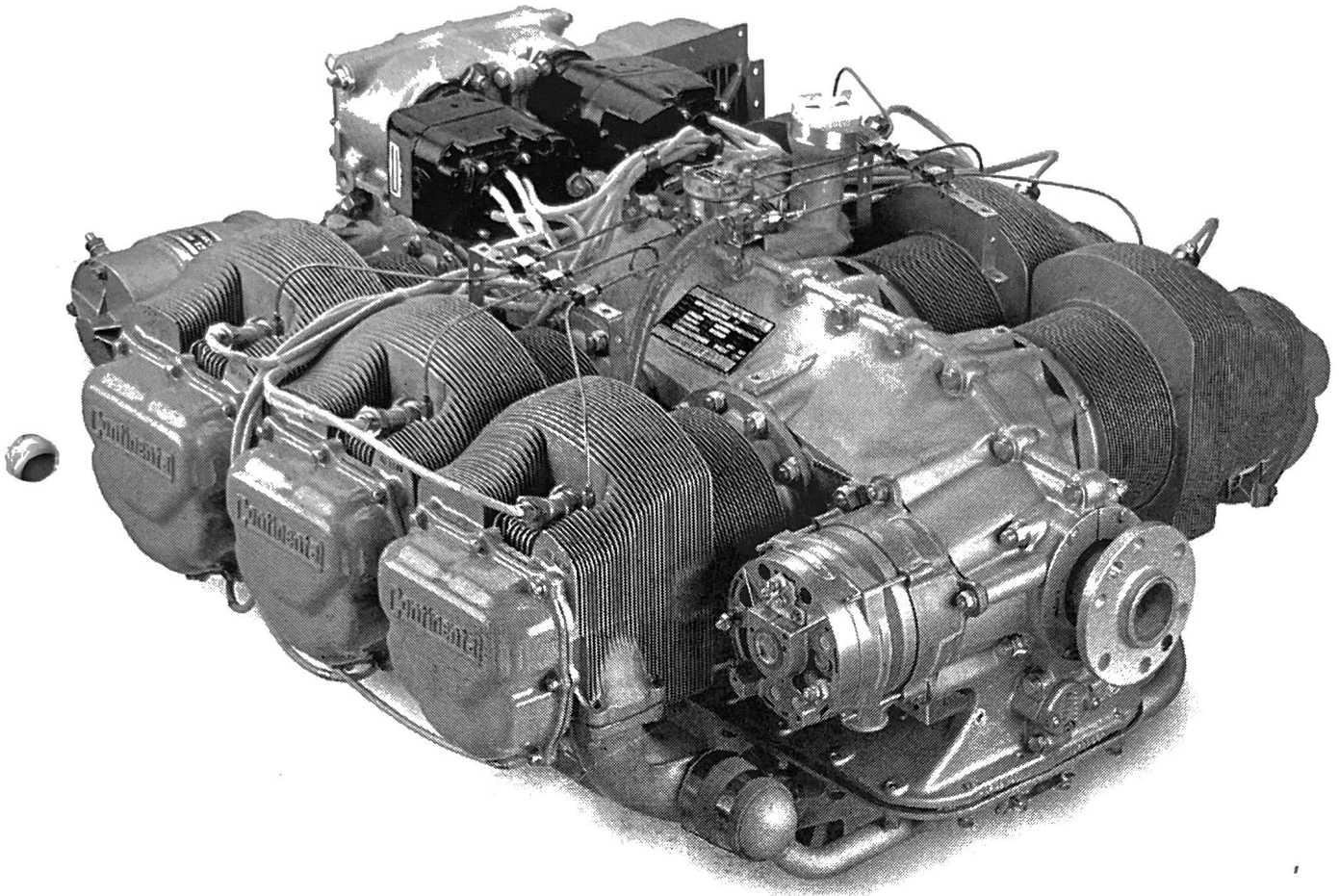


845 XG

# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**

**Service Information**

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

**Engine Returns**

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

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

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



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

Printed: 02/26/2003

This engine model I0550N7, Serial No. 686873 was manufactured on 02/25/2003 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.

**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

## Engine Component Information Sheet

Printed: 02/26/2003

*Alt #0505*

Serial: 686873 Assembled: 02/25/2003  
Spec: I0550N7B Shipped:  
New/Rebuilt: (NEW) Packed: 02/26/2003

Customer Name: CIRRUS DESIGN CORPORATION

Shipping Address:

Component	Serial Number	Component	Serial Number
CAMSHAFT	Z02LA209	NOZZLE SIZE	12E
CRANKSHAFT	N02LA111	METERING UNIT	A03BA111
CRANKCASE	R03BA011	STARTER	02 280 0237
CONNROD	AE03AA551	ALTERNATOR	<del>003BA060</del> D024066
CONNROD	AE03AA556	OIL COOLER	A03-2147-74
CONNROD	AE03AA557		
CONNROD	AE03AA560		
CONNROD	AE03AA571		
CONNROD	AE03AA589		
L MAGNETO	D03BA108		
R MAGNETO	D03BA091		
FUEL PUMP	B03BA143		
MANIFOLD VALVE	C03BA135 P		



Pack Inspection Stamp

All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
3-5-03	0	0			Serviced Engine with 8 Qts of Phillips 20W50 Straight Mineral Oil on 3/5/03 by <u>WEAD</u> 2



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: April 14, 2003  
Model # Cirrus SR22 S/N 0505  
ACTT 26.2

**ENGINE LOG ENTRY**

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Installed new CH48108 oil filter. Serviced engine with 8 Qts. of Phillips 20/50 M Oil. Ran engine, leak checked. No problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 020234

*Michael DeMay*  
CORPORATE JETS, INC.



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: June 19, 2003  
Model # Cirrus SR 22 S/N 0505  
ACTT 114.1

TCM IO55N7 s/n 686873 ETT 114.1  
PHC-J3YF-1RF s/n FP2178B PTT 114.1

**ENGINE LOG ENTRY**

Compression check at 80psi:

#1/71 #2/72 #3/72 #4/73 #5/74 #6/70

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

New parts installed:  
Brackett air filter p/n BA-24

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108 oil filter. Serviced engine with 8 Qts. of Phillips XC 20W50 Oil. Ran engine, leak checked, no problems noted.

I certify that this ENGINE has been inspected in accordance with an 100 HOUR inspection and was found to be in an Airworthy Condition W.O. 020434

*Michael DeMay*  
CORPORATE JETS, INC. FAA CRS# LN3R663L



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: May 9, 2003  
Model # Cirrus SR22 S/N 0505  
ACTT 44.8

**ENGINE LOG ENTRY**

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108 oil filter. Serviced engine with 8 Qts. of Phillips XC 20W50 Oil. Ran engine, leak checked, no problems noted. Installed a oil quick drain p/n S6250.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 020280

*Michael DeMay*  
CORPORATE JETS, INC. FAA CRS# LN3R663L

N845XG

1. Replaced Manifold Pressure Sensor with new, P/N 12635-001. Ground operational check found normal.

May 31, 2003

81.3 Hrs. Hobbs/ TTAF

*Chris P. Jewell*  
Chris P. Jewell A&P 559491389 IA

N845XG

July 30, 2003  
151.3 HOBBS

Record  
al Inspections,

1. Drained engine oil and collected sample, AOA. Replaced oil filter with new and safetied. Cut open old oil filter and found normal. Serviced engine with 8 qts Aeroshell 100W Plus oil. Performed post oil change run check and found normal.

*Chris P. Jewell*  
Chris P. Jewell A&P 559491389 IA



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: September 25, 2003  
Model # Cirrus SR22 S/N 0505  
ACTT 206.2

ENGINE LOG ENTRY

Installed new engine oil dip stick p/n 692171-8.  
I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 020865

*Michael D. Meyer*  
CORPORATE JETS, INC. FAA CRS# LN3R663L



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: October 9, 2003  
Model # Cirrus SR 22 S/N 0505  
ACTT 211.6

TCM IO55N7 s/n 686873 ETT 211.6  
PHC-J3YF-1RF s/n FP2178B PTT 211.6

ENGINE LOG ENTRY

Compression check at 80psi:

#1/74 #2/73 #3/75 #4/75 #5/74 #6/72

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

New parts installed:  
Brackett air filter p/n BA-24

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Installed new CH48108 oil filter. Serviced engine with 8 Qts. of Phillips XC 20W50 Oil. Ran engine, leak checked, no problems noted.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. W.O. 020896

*Chris P. Jewell*  
CORPORATE JETS, INC. FAA CRS# LN3R663L

N845XG

December 18, 2003  
260.3 Hrs. Hobbs

1. Drained engine oil and collected sample, AOA. Replaced oil filter with new and safetied. Cut open old oil filter and found normal. Serviced engine with 8 qts Aeroshell 100W Plus oil. Performed post oil change run check and found normal.
2. Replaced alternate air duct mount bracket with new, P/N 151196-002

*Chris P. Jewell*  
Chris P. Jewell A&P 559491389 IA



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: April 6, 2004  
Model # Cirrus SR 22 S/N 0505  
ACTT 307.0

TCM IO55N7 s/n 686873 ETT 307.0  
PHC-J3YF-1RF s/n FP2178B PTT 307.0

## ENGINE LOG ENTRY

Compression check at 80psi:

#1/76 #2/72 #3/74 #4/78 #5/74 #6/72

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

C/W 300hr fuel injector clean and inspection, no defects noted.

New parts installed:

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108 oil filter. Serviced engine with 8 Qts. of Phillips XC 20W50 Oil. Ran engine, leak checked, no problems noted.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. W.O. 021677

CORPORATE JETS, INC.

FAA CRS# LN3R663L



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: June 9, 2004  
Model # Cirrus SR22 S/N 0505  
ACTT 383.5

IO55N7 s/n 686873 ETT 383.5

## ENGINE LOG ENTRY

Took SOAP sample, checked oil level.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 021977

CORPORATE JETS, INC.

FAA CRS# LN3R663L



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: October 2, 2004  
Model # Cirrus SR22 S/N 0505  
ACTT 499.6

## AIRFRAME LOG ENTRY

C/W TCM AD 96-12-07 dated 10/2/2004, per TCM MSB 645 & SB 639. The "X" dimension was approximately .034 both magneto's and all four flyweights. The 500 hour inspection was complied with at same time under Corporate Jets, Inc. WO #022434.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 022461

CORPORATE JETS, INC.

FAA CRS# LN3R663L



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N845XG Date: July 9, 2004  
Model # Cirrus SR 22 S/N 0505  
ACTT 404.8

TCM IO55N7 s/n 686873 ETT 404.8  
PHC-J3YF-1RF s/n FP2178B PTT 404.8

## ENGINE LOG ENTRY

Compression check at 80psi:

#1/71 #2/70 #3/72 #4/72 #5/72 #6/73

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

Replaced 4 spark plugs with new p/n RHB32E, Operational check was good.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. W.O. 022044

CORPORATE JETS, INC.

FAA CRS# LN3R663L



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: September 14, 2004  
Model # Cirrus SR22 S/N 0505  
ACTT 483.6

TCM IO55N7 s/n 686873 ETT 483.6

## ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

Replaced oil dip stick with new p/n652171-8.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 022353

CORPORATE JETS, INC.

FAA CRS# LN3R663L



**Corporate Jets, Inc.**  
 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N845XG Date: October 2, 2004  
 Model # Cirrus SR 22 S/N 0505  
 ACTT 499.6

TCM IO55N7 s/n 686873 ETT 499.6  
 PHC-J3YF-1RF s/n FP2178B PTT 499.6

**ENGINE LOG ENTRY**

Compression check at 80psi:

#1/71 #2/72 #3/70 #4/71 #5/71 #6/67

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

Replaced 7 spark plugs with new p/n RHB32E, Operational check was good.

Replaced starter adapter with new p/n 642083A12 with new gasket. Ran engine, operational and leak check was good.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. **W.O. 022434**

CORPORATE JETS, INC. FAA CRS# LN3R663L



**Corporate Jets, Inc.**  
 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: November 10, 2004  
 Model # Cirrus SR22 S/N 0505  
 ACTT 545.4

TCM IO55N7 s/n 686873 ETT 545.4

**ENGINE LOG ENTRY**

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 022588**

CORPORATE JETS, INC. FAA CRS# LN3R663L



**Corporate Jets, Inc.**  
 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 845XG Date: March 11, 2005  
 Model # Cirrus SR22 S/N 0505  
 ACTT 652.1

TCM IO-550-N (7) s/n 686873 ETT 652.1

**ENGINE LOG ENTRY**

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 023074**

CORPORATE JETS, INC. FAA CRS# LN3R663L




**Corporate Jets, Inc.**  
 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N845XG Date: January 28, 2005  
 Model # Cirrus SR 22 S/N 0505  
 ACTT 598.0

TCM IO55N7 s/n 686873 ETT 598.0  
 PHC-J3YF-1RF s/n FP2178B PTT 598.0

**ENGINE LOG ENTRY**

Compression check at 80psi:

#1/75 #2/73 #3/75 #4/79 #5/79 #6/74

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

C/W 300hr fuel injector clean and inspection, no defects noted.

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

Installed new parts:  
 #3 bottom spark plug p/n RHB32E.

Stop drilled crack on oil cooler flange.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. **W.O. 022894**

CORPORATE JETS, INC. FAA CRS# LN3R663L



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N845XG** Date: May 7, 2005  
Model # Cirrus SR 22 S/N 0505  
ACTT 711.0

TCM IO-550-N (7) S/N 686873 ETT 711.0

## Engine Service and Maintenance Record

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

### ENGINE LOG ENTRY

#### Compression check at 80psi:

#1/76 #2/70 #3/75 #4/72 #5/77 #6/74

Accomplished 50/100 hour inspection in accordance with the manufacturers service manual.

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 oil filter. Serviced engine with 8 Qts. of Exxon Elite 20W50 Oil. Ran engine, leak checked, no problems noted.

Replaced #2 and #4 cylinder rocker arm cover gaskets with new p/n 655705. Leak check was good.

Installed new parts:  
Oil dipstick p/n 656616-1.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. **W.O. 023361**

CORPORATE JETS, INC.

FAA CRS# LN3R663L

ENGINE MODEL  
ENGINE S/N  
REG NO N845XG  
WORK ORDER: 13001

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 8/11/2005  
A/C TSN: 772.6  
ENG TT:  
HOBBS: 772.6

#### Engine Entries

ENGINE OIL DRAINED HOT, REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES, NONE FOUND, INSTALLED NEW OIL FILTER P/N CH 48108-1 AND SAFETIED, OIL SAMPLE TAKEN, ADDED 8 QTS EXXON ELITE 20W50 OIL LEAK AND OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 8/11/2005

SIGNED:

ifay  
Certified Repair Station No. K5SR339N

Work Order: 13001

Printed by EBis 3 (datamedia.com)

ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER: 13448

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 12/5/2005  
A/C TSN: 786.8  
ENG TT: 786.8  
TSMOH: 786.8  
HOBBS: 786.8

#### Engine Entries

ENGINE ANNUAL/ 100 HOUR INSPECTION C/W IAW CIRRUS DESIGN INSPECTION CHECKLIST 5-20. ENGINE APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 75/80, #2 64/80, #3 66/80, #4 70/80, #5 71/80, and #6 76/80. CHECKED SATISFACTORY. ENGINE OIL DRAINED HOT, REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES, NONE FOUND, INSTALLED NEW OIL FILTER P/N CH 48108-1 AND SAFETIED, OIL SAMPLE TAKEN, ADDED 8 QTS EXXON ELITE 20W50 OIL LEAK AND OPERATIONAL CHECKED SATISFACTORY. ENGINE FUEL INJECTORS 300 HOUR INSPECTION COMPLIED WITH, REMOVED, CLEANED, INSPECTED, AND RE-INSTALLED WITH NEW COPPER WASHER P/N X1473, NEW RUBBER WASHER P/N 640612, AND NEW O-RING P/N 630979-9, TORQUED TO 62 IN. LBS, OPERATIONAL AND LEAK CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 12/5/2005

SIGNED:

mfrench  
Certified Repair Station No. K5SR339N

Work Order: 13448

Printed by EBis 3 (datamedia.com)



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 MODEL  
10-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 14689

**Keystone Aviation**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/11/2006  
A/C TSN 918 6  
ENG TT 918 6  
TSMOH 918 6  
HOBBS 918 6

**Engine Entries**

ENGINE ANNUAL/ 100 HOUR INSPECTION C/W PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20. ENGINE APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. ENGINE COMPRESSION CHECK C/W CHECKED AS FOLLOWS #1 65/80 #2 69/80 #3 64/80 #4 60/80 #5 65/80 AND #6 70/80. CHECKED SATISFACTORY. ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W/50 OIL. RAN ENGINE. LEAK CHECK SATISFACTORY. COMPLETED LH MAGNETO 500 HR INSPECTION IAW TCM MAGNETO SERVICE MANUAL. INSTALLED NEW POINTS P/N 10-382584 AND CONDENSER P/N 10-400615. SET INTERNAL TIMING AND REINSTALLED MAG ON ENGINE. MAGNETO TO ENGINE TIMING SET. MAGNETO LEAK AND OPERATIONAL CHECK SATISFACTORY. COMPLETED RH MAGNETO 500 HR INSPECTION IAW TCM MAGNETO SERVICE MANUAL. INSTALLED NEW POINTS P/N 10-382584 AND CONDENSER P/N 10-400615. SET INTERNAL TIMING AND REINSTALLED MAG ON ENG. SET MAG TO ENG TIMING. LEAK AND OPERATIONAL CHECKED SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 9/11/2006

SIGNED: *Mark A French*  
mfrench  
Certified Repair Station No. K5SR339N

Work Order: 14689

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL  
10-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 16380

**Keystone Aviation**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 10/2/2007  
A/C TSN 984 4  
ENG TT 984 4  
TSMOH 984 4  
HOBBS 984 4

**Engine Entries**

ENGINE ANNUAL/ 100 HOUR INSPECTION C/W PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20. ENGINE APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W/50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY. ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 66/80 #2 66/80 #3 73/80 #4 74/80 #5 58/80 AND #6 76/80. CHECKED SATISFACTORY USING MASTER ORIFICE. ALLOWABLE LEAK RATE IS 49/80 PER TCM SB03-3. 3 EACH SPARK PLUGS REMOVED AND REPLACED WITH NEW PLUGS P/N RHB-32E. OPERATIONAL CHECK SATISFACTORY. INDUCTION TUBES ON CYLINDERS #2 & #4 REMOVED. REMOVED L/H MAGNETO AND REPLACED MAGNETO BASE GASKET WITH NEW GASKET P/N 10-400-613. REINSTALLED MAGNETO AND TIMED TO ENGINE. REINSTALLED INDUCTION TUBES ON CYLINDERS #2 & #4 WITH NEW GASKETS P/N 649950. LEAK CHECK SATISFACTORY. #4 AND #6 CYLINDER PUSH ROD TUBES RESEALED WITH NEW PACKINGS P/N 534610 (4 EACH) AND NEW GASKETS P/N 630286 (4 EACH) AND P/N 655705 (4 EACH). RAN AIRCRAFT. LEAK CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 10/2/2007

SIGNED: *Jimmy A. Gray*  
jgray  
Certified Repair Station No. K5SR339N

Work Order: 16380

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL  
10-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 17962

**Keystone Aviation**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/26/2008  
A/C TSN 1036 4  
ENG TT 1036 4  
TSMOH 1036 4  
HOBBS 1036 4

**Engine Entries**

ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 6 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 9/26/2008

SIGNED: *Jimmy A. Gray*  
jgray  
Certified Repair Station No. K5SR339N

Work Order: 17962

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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.	
Brought Forward →					

ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG. NO. N845XG  
WORK ORDER 14375

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 6/28/2006  
AVC TSN 895 4  
ENG TT 895 4  
TSMOH 895 4  
HOBBS 895 4

**Engine Entries**

ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. REINSTALLED OIL SUMP DRAIN PLUG WITH NEW GASKET P/N MS35769-11 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W/50 OIL. RAN ENGINE. LEAK CHECK SATISFACTORY. ENGINE SPARK PLUGS REMOVED, CLEANED, AND REGAPPED. REINSTALLED WITH NEW GASKETS P/N M674. RAN ENGINE. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 6/28/2006

SIGNED: *Mark A. French*

Work Order: 14375

mfrench  
Certified Repair Station No. K5SR339N

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ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG. NO. N845XG  
WORK ORDER: 13705

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE: 1/20/2006  
AVC TSN: 835 3  
ENG TT: 835 3  
TSMOH: 835 3  
HOBBS: 835 3

**Engine Entries**

ENGINE OIL DRAINED. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW CHAMPION OIL FILTER AND SAFETIED. ADDED 8 QTS OF EXXON ELITE 20W/50. LEAK AND OPERATIONAL CHECKED. SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 1/20/2006

SIGNED: *Mark A. French*

Work Order: 13705

mfrench  
Certified Repair Station No. K5SR339N

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# 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.

DATE 11/3/2008  
A/C TSN 1044  
ENG TT 1044  
TSMOH 1044  
HOBBS 0

Brought

ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 18050

**Million Air - SLC**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

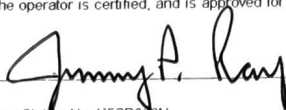
**Engine Entries**

ENGINE ANNUAL/100 HOUR INSPECTION C/W PER CIRRUS SR22 INSPECTION CHECKLIST 5-20. ENGINE APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 6 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.... ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 60/80, #2 65/80, #3 75/80, #4 55/80, #5 65/80, AND #6 65/80. MASTER ORIFICE READING WAS 50. CHECKED SATISFACTORY.... FUEL NOZZLE 300 HOUR INSPECTION AND CLEANING C/W. REINSTALLED INJECTORS WITH NEW BASE WASHERS P/N X1473, NEW RUBBER WASHERS P/N 640612, AND NEW O-RINGS P/N 630979-9. REINSTALLED INTAKE TUBES PREVIOUSLY REMOVED FOR ACCESS WITH NEW GASKETS P/N 649950. RAN AIRCRAFT. OPERATIONAL AND LEAK CHECK SATISFACTORY.... ENGINE CYLINDER ASSY INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER SB96-12. CHECKED SATISFACTORY.... OIL COOLER P/N 10281A S/N A03-2147-74 REMOVED AND SENT TO PACIFIC OIL COOLER SERVICE, INC., CRS # RF3R813L, WHERE UNDER THEIR W.O. 68756 DATED 10/23/08, IT WAS OVERHAULED AND APPROVED FOR RETURN TO SERVICE. REINSTALLED OIL COOLER P/N 10281A S/N A03-2147-74 WITH NEW GASKET P/N 649989. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 11/3/2008

SIGNED:



Work Order: 18050

Jray  
Certified Repair Station No K5SR339N

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1 of 1

ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 19372

**Million Air - Salt Lake City**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/5/2009  
A/C TSN 1101 5  
ENG TT 1101 5  
TSMOH 1101 5  
HOBBS 57 5

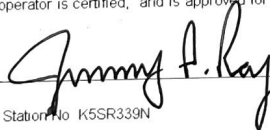
**Engine Entries**

ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 9/5/2009

SIGNED:



Work Order: 19372

Jray  
Certified Repair Station No K5SR339N

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ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 19456

**Million Air - Salt Lake City**  
Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/24/2009  
A/C TSN 1117 3  
ENG TT 1117 3  
TSMOH 1117 3  
HOBBS 73 3

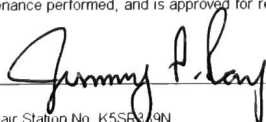
**Engine Entries**

TROUBLESHOT CUSTOMER SQUAWK OF SUSPECTED ENGINE OIL LEAKS DUE TO THE AMOUNT OF OIL ON FUSELAGE BELLY. REMOVED ENGINE COWLING AND DEGREASED ENGINE. RAN AIRCRAFT. NO LEAKS DETECTED. NO FURTHER ACTION TAKEN AT THIS TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No 19456

DATE: 9/24/2009

SIGNED:



Work Order: 19456

Jray  
Certified Repair Station No K5SR339N

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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.	
Brought Forward <span style="font-size: 2em;">→</span>					

ENGINE MODEL :  
10-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 19495

**Million Air - Salt Lake City**

Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/25/2009  
A/C TSN 1117 3  
ENG TT 1117 3  
TSMOH 1117 3  
HOBBS 73 3

**Engine Entries**

TROUBLESHOT ENGINE RUNS ROUGH. RAN AIRCRAFT AND WAS ABLE TO DUPLICATE PROBLEM. SPARK PLUGS REMOVED, CLEANED, GAPPED, AND TESTED. FOUND 4 SPARKPLUGS WORN BELOW SERVICEABLE LIMITS AND 2 SPARKPLUGS NOT FIRING. REINSTALLED SERVICEABLE SPARK PLUGS WITH NEW GASKETS P/N M-674. INSTALLED 6 NEW SPARK PLUGS P/N RHB32E. RAN AIRCRAFT. OPERATIONAL CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 19495.

DATE: 9/25/2009

SIGNED:

*Jimmy P. Ray*

Work Order: 19495

JPR

Certified Repair Station No K5SR339N

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ENGINE MODEL  
10-550-N7B  
ENGINE S/N 686873  
REG NO N845XG  
WORK ORDER 19798

**Million Air - Salt Lake City**

Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 1/7/2010  
A/C TSN 1131 1  
ENG TT 1131 1  
TSMOH 1131 1  
HOBBS 87 1

**Engine Entries**

ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.... ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 64/80, #2 62/80, #3 74/80, #4 70/80, #5 70/80, AND #6 62/80. MASTER ORIFICE READING WAS 50. CHECKED SATISFACTORY.... LT/RT MAGNETOS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB643B. CHECKED SATISFACTORY.... ENGINE CONTROL LINKAGES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY.... ENGINE CYLINDERS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED SATISFACTORY... TCM POSITION-TUNED FUEL INJECTION NOZZLES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SID05-7. CHECKED SATISFACTORY.... THROTTLE AND MIXTURE CONTROL ARMS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB08-3. CHECKED SATISFACTORY... NEW SPARK PLUG P/N RHB-32E INSTALLED IN #1 UPPER CYLINDER. OPERATIONAL CHECK SATISFACTORY.... #5 CYLINDER ROCKER BOX COVER GASKET REMOVED AND REPLACED WITH NEW GASKET P/N 655705. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.... #6 CYLINDER ROCKER BOX COVER GASKET REMOVED AND REPLACED WITH NEW GASKET P/N 655705. RAN AIRCRAFT. LEAK CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 19798.

DATE: 1/7/2010

SIGNED:

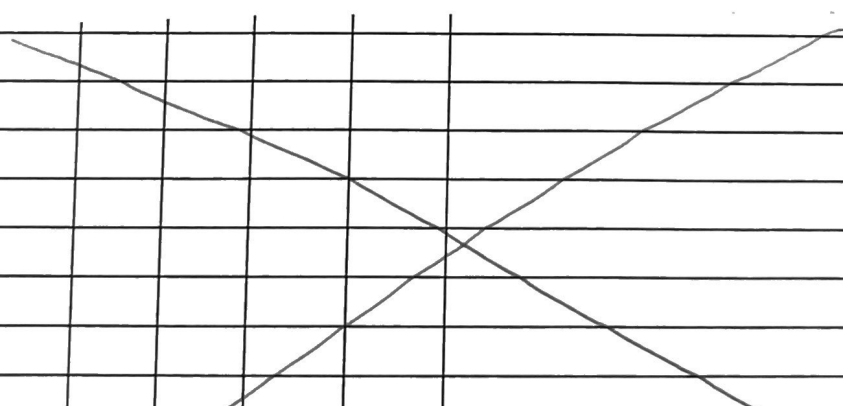
*Jimmy P. Ray*

Work Order: 19798

JPR

Certified Repair Station No K5SR339N

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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.	

Brought Forward

ENGINE MODEL  
IO-550-N7B  
ENGINE S/N 686873  
REG. NO. N845XG  
WORK ORDER 22947

**Million Air - Salt Lake City**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801.359.2085

DATE: 1/10/2012  
A/C TSN: 1156.3  
ENG. TT: 1156.3  
TACH

**Engine Entries**

ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. \*\*\*\*\*ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINANTS. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W50 OIL. \*\*\*\*\*ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 65/80, #2 71/80, #3 73/80, #4 73/80, #5 75/80, AND #6 74/80. MASTER ORIFICE READING WAS 50. CHECKED SATISFACTORY. \*\*\*\*\*LT/RT MAGNETOS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB643B. CHECKED SATISFACTORY. \*\*\*\*\*ENGINE CONTROL LINKAGES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY. \*\*\*\*\*ENGINE CYLINDERS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED SATISFACTORY. \*\*\*\*\*TCM POSITION-TUNED FUEL INJECTION NOZZLES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SID05-7. CHECKED SATISFACTORY. \*\*\*\*\*THROTTLE AND MIXTURE CONTROL ARMS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB08-3. CHECKED SATISFACTORY. \*\*\*\*\*#2 CYLINDER DRAIN SEAL REMOVED AND REPLACED WITH NEW SEAL P/N 633958-2 LEAK CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 22947

DATE: 1/10/2012

SIGNED: *Jimmy D. Ray*  
Certified Repair Station No. K5SR339N

Work Order: 22947

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ENGINE MODEL  
IO-550-N (7)  
ENGINE S/N: 686873  
REG. NO. N845XG  
WORK ORDER: 113773

**Clear Star Aviation**  
Repair Station No. 5CSR009B  
4785 Frank Luke Dr  
Addison, Texas 75001  
Phone: 972-267-2376

DATE: 9/3/2012  
A/C TSN: 1204.3  
ENG TT: 1204.3  
HOBBS: 1204.3

**Engine Entries**

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Checked the fuel system and adjusted in accordance with SID 97-3E. The cylinder compression was checked with the following results: #1, 62/80 #2, 48/80 #3, 72/80 #4, 66/80 #5, 73/80 #6, 72/80 psi. Master orifice 48/80. The oil and filter was changed and serviced with 8 quarts of AeroShell 100 Mineral Oil and a new CH48108-1 filter. An oil sample was collected for analysis by Blackstone Laboratories. Installed repaired cylinder assemblies P/N 658178A2 see Bolduc Aviation Specialized Services, Inc. work order 25728 dated July 13, 2012 for details. Installed all connecting rods P/N 655911 S/N AEO3AA551, 556, 557, 560, 571, and 589 after overhaul, see Western Skyways, Inc. form 8130-3 work order 0029234 dated July 13, 2012. Installed with new bearings, bolts P/N 655958, and nuts P/N 654490 and torqued to 710 inch lbs. Installed 3 new exhaust lifters P/N 653877 and 4 new intake lifters P/N 653888. Installed missing baffle material on inboard edge of oil cooler and sealed lower gap with RTV. Installed new cylinder #1 fuel injector line P/N 646421. Blended out damaged to engine case adjacent to oil filler tube and adjusted throttle cable bracket for proper clearance. Cleaned the fuel injector nozzles and reinstalled using new seals as required.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/3/2012

SIGNED: *Adam Menge*  
Menge, Adam  
Certified Repair Station No. 5CSR009B

Work Order: 113773

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**LEADING EDGE**  
AVIATION SERVICES, INC.  
Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 3/01/2013; Aircraft: N845XG; Type: CIRRUS; S/N: 0505; Hobbs: 199.70; Engine - Type: , S/N: , Time:

- Drained oil and serviced with 7 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed

Paul Stern *Paul Stern* A&P 3078823  
6582 Eureka Springs Rd. Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 626 1515

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.	
11-5-13					<i>Commission check # 170 <sup>1/2</sup> # 274 <sup>1/2</sup></i>
Brought Forward	→				<i>#372 <sup>1/2</sup> #462 <sup>1/2</sup> #567 <sup>1/2</sup> #667 <sup>1/2</sup></i>
Hobbs	284	3			<i>Drained oil replaced oil filter</i>
Eng T T	1328	3			<i>CH48108-1 Replaced 7QTs Aeroshell</i>
					<i>50wt 8X05, Replaced all spark</i>
					<i>plugs RHB 32E. Clean fuel injectors</i>
					<i>adjust engine controls. Inspected</i>
					<i>exhaust system. Replaced oil filter</i>
					<i>BA 24. S duty that this engine has</i>
					<i>been inspected in accordance with an</i>
					<i>100 HR inspection and was determined to</i>
					<i>be in airworthy condition.</i>
					<i>[Signature]</i>
					<i>A&amp;P 2671010</i>
11-5-13	284	3			11-5-13 S/N 13283
Eng T-T	1328	3			<b>"I certify that this ENGINE has been inspected in accordance with <u>AN/ANNUAL</u> inspection and was determined to be in airworthy condition"</b>
					<i>Donald T. Harris</i>
					<i>A&amp;P 2694696 I.A.</i>
Date 11/11/16 Make: Cirrus Model: SR22 S/N: 505 Reg: N845XG Hobbs: 462 Aircraft TT: 1506 Engine TT: 1506 Engine STO: 302					
Engine Entries					
Performed engine 100 hour / annual inspection in accordance with current Cirrus Design Maintenance manual 5-20, 5-30, 12-10, 12-20 and Continental maintenance and overhaul manual M-16. Cylinder compression was checked with the following results: #1 68/80, #2 71/80, #3 72/80, #4 60/80, #5 73/80, #6 72/80, master orifice 42/80. Drained oil and sent sample to Lab One Aviation for analyses. Received oil analyses with all values normal. Removed oil filter. Cut oil filter open and inspected filaments for contaminants. No contaminants found in filter. Filled engine with 7 quarts of Aeroshell 15W-50. Installed Tempest oil filter AA48108-2. Removed Cleaned gapped and rotated spark plugs per M-16 manual. Removed and cleaned fuel injector nozzles. Reinstalled fuel injector nozzles with new seals. Replaced air filter BA-24. Timed left and right Magnetos to engine. Replaced stiff induction cable with new cable P/N 14067-002. Ran engine and checked for leaks. No leaks found.					
Researched AD's using FAA.gov. All AD's are in compliance at this time. Researched all Cirrus Service bulletins using cirrusaircraft.com/service-support/#techpubs. All mandatory SB's are in compliance at this time. I certify that this engine S/N 686873 has been inspected in accordance with an annual inspection per FAR 43 appendix D and was determined to be in airworthy condition and is approved for return to service at this date and time.					
Steve Heinrich <i>[Signature]</i> AP2753959IA					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
12-18-14					
Brought Forward	→				
Hobbs	1389.0				Compression check #1 175 #2 170 #3 165 #4 160 #5 155 #6 150 Drained oil replaced oil filter CH48108-1. Replenish 7 QTS Aeroshell 50 wt Plus. Cleaned and capped spark plugs. Inspect engine controls for security and operation. Inspect exhaust system installed new BA24 air filter. certify that this engine has been inspected - accelerated with a 101 HP injector and was determined to be in airworthy condition.

Robert B. [Signature]  
 NRP 2691070

12-18-14  
 Hobbs 1389.0

"I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition"

Serial # [unclear] A6112694697 I.A.

ENGINE LOG

Date 10/9/15  
 Tail # N845XC  
 IACH: 14583  
 Ebis WO# 0381-10-2015

Tubreaux Maintenance  
 P O Box 78253  
 Shreveport, LA 71137  
 318-510-4330

Description

Performed annual inspection using Cirrus SR22 Inspection Report and FAR 43.13 Appendix "d" as a guide. Researched AD's using ATP Navigator Bi Weekly thru 10/4/2015. Performed compression check with the following results: #1) 68/80, #2) 70/80, #3) 74/80, #4) 52/80, #5) 70/80, #6) 70/80 Replaced #1 Cylinder EGT Probe and new Probe Operational checks good. Installed new BA24 air filter element. Reference Tubreaux Aviation Maintenance Ebis Work Order: 0381-10-2015 for details of work performed. Washed and ran engine for leak and functional checks. No problems noted at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Aircraft was returned to service this date.

Michael Roll [Signature]

Michael Roll  
 AP36172181A

Hobbs: 1462.7  
 Date: 10/15/2015  
 Removed engine cowl. Drained oil and removed oil filter. Cut oil filter open and inspected filament for contaminants. No contaminants found. Installed champion oil filter CH48109-1. Filled engine with 8 quarts of aeroshell 15W-50. Ran engine and checked for leaks. No leaks found. Installed engine cowl.

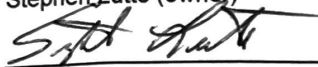
[Signature] AP2863638




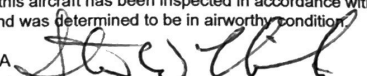


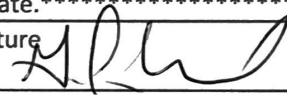
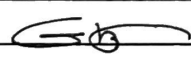

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

Cirrus SR22 N845XG SN 505 date: 06/10/19  
Hobbs time 568.2 Engine total time 1612.2  
Removed cowlng drained oil and removed oil filter. Cut oil filter open and inspected. No abnormal contaminants found. Installed new tempest AA48109. Torqued oil filter to 16 ft lbs.  
Safety wired new oil filter. Added 6 quarts aeroshell W100 plus and 12 ounces of Cam guard. Lubricated exhaust with mouse milk.  
Lubricated throttle cable and prop cable with LPS2. Collected used oil for analysis.  
Ran engine and checked for leaks. No leaks found. Installed cowlng.

Stephen Luite (owner)  
  
ATP2863638

Date: 01/21/2020 Reg: N845XG Make: Cirrus Model SR22 SN 505.  
Hobbs: 595.7 Engine TT 1639.7 engine STOH 435.7  
Accomplished aircraft annual inspection in accordance with Cirrus Design maintenance manual 5-20, 5-30, 12-10, 12-20, and AC 43.13-1B and the Continental maintenance and overhaul manual M-16. Cylinders were inspected per Teledyne continental service bulletin SB03-3 issued 03/28/03 with the following results. #1 70/80 #2 67/80 #3 66/80 #4 60/80 #5 69/80 #6 71/80 master orifice 43. Cylinders were borescope with no defects found. Removed, cleaned, gapped and rotated spark plugs. Cleaned fuel filter. Changed oil with 7 quarts aero shell w100 plus. Added 10 ounces of Cam guard. Removed oil filter and cut open for inspection. No abnormal contaminants found. Replaced oil filter Tempest AA48109. Sent oil sample for analysis. All values reported normal. Removed left and right magneto s/n D03BA091 and D03BA108. Sent both mags to Aircraft systems for 500 hour inspection. Reference work order 53503. Reinstalled left and right magneto on engine and timed to 22°. Replaced air filter BA-24. Removed propeller governor s/n 00459 and sent to Texas aircraft propeller and accessories for overhaul. Reference work order number 18465. Reinstalled propeller governor. Performed function check on electric fuel pump. Ran engine and check for leaks. Engine operated normally no leaks detected. A.I.A.D.'s are in compliance at this time. —end—

AP2753959IA   
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
AP2753959IA 

G&G AVIATION SERVICES		ENGINE Logbook Entry		Registration: N845XG
G&G Aviation Services	SER-686873	MAKE-TCM	MODEL-IO-550N7	Make-Cirrus
10200 Dorbandt Dr. #23D	Hobbs-610.5			Model-SR-22
Conroe, Tx 77303	ACTT-1654.5		ETT-1654.5	Serial-0505
1. Removed filter as part of pre-purchase inspection, opened filter and checked for contaminants none found, Installed new AA48109 filter and 2 qts W-100 plus oil.				
3. Performed run-up checked for leaks and proper operation, no defects noted this date.				
I certify that all work was done in accordance with FAA regulations and approved maintenance manual. This engine was found to be in an airwothy condition, and is approved for return to service with respect to work performed this date. *****END*****				
Date-8-10-2020	Authorized Signature 		Gary Barber A&P 3723248 IA	
9/12/2020	MISSING INFORMATION FROM ABOVE PRE-PURCHASE REPORT. E-mailed to owner			
	COMPRESSION TEST	#1 80/80	#2 76/80	#3 80/80 #4 80/80
		#5 79/80	#6 78/80	
		 ERIC HOLTROP (owner) PP 4026939		



13a and 14a do not consist of regulations by the user/installer  
 FAA Form 8130-3 (02-14)

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.		

Registration	N845XG	 13310 Nevada City Ave. Grass Valley, CA 95945 (530) 477-7701	Date	March 12, 2021
Make	Continental		Hobbs	657.8
Model	IO-550-N7B		STOH	497.5
Serial No.	686873		TT Engine	1701.8
Invoice No.	20-01170			

**Description of Inspections, Tests, Repairs, and Alterations.**

- 1 Removed all Fuel Injection Components and sent to Ly-Con for Inspection/ Test.
- 2 Installed O/H Fuel Manifold Valve p/n 646433-5A2 s/n C03BA135. Ref. Ly-Con W/O # 70471.
- 3 Installed O/H Engine Driven Fuel Pump p/n 655921-1A5 s/n B03BA143. Ref. Ly-Con W/O # 70533.
- 4 Installed O/H Air Fuel Control p/n 653353-5A1 s/n A03BA111. Ref. Ly-Con W/O # 70533.
- 5 Replaced all Induction Tube Gaskets w/ new p/n 649950 and Intake Hoses w/ new p/n 654439-2.
- 6 Removed R/H Magneto to inspect and reinstalled.
- 7 Replaced Ignition Harness w/ new p/n 10-423674-25.
- 8 Performed Fuel Injection Adjustment/ Test IAW Continental M-0 Standard Practice MM, Rev. 1.

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature *Serge Butler*

Cert # 561795804 A&P

Registration	N845XG	 13310 Nevada City Ave. Grass Valley, CA 95945 (530) 477-7701	Date	August 9, 2021
Make	Continental		Hobbs	694.5
Model	IO-550-N7		STOH	534.2
Serial No.	686873		TT Engine	1738.5
Invoice No.	21-11783			

**Description of Inspections, Tests, Repairs, and Alterations.**

- 1 Performed a 50 Hour Inspection and Service IAW Cirrus SR22 Scheduled Inspection Report.
- 2 Drained oil, collected sample for analysis and inspected oil filter for contaminants.
- 3 Replaced Oil Filter with Champion p/n CH48109-1.
- 4 Serviced engine with 7 quarts Phillips 20W-50 engine oil.


This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature *Serge Butler*

Cert # 561795804 A&P

Aviation Services, LLC	N845XG	DATE: 2/23/2022
	Cirrus SR22 Sn 0505 Total Time: 1754.3 IO550N7 SN 686873 STOH: 550 ETT: 1754.3 Hartzell PHC-J3YF-1RF/F7694 SN FP 2178B PTT: 1754.3	Hobbs: 710.3

Changed oil and filter, inspect oil filter for metal. Serviced engine with 8qts Phillips 20W50X/C. Compression test #1 74/80 #2 64/80 #3 74/80 #4 65/80 #5 71/80 #6 63/80. Cleaned and gapped all spark plugs. Checked magneto timing. Check air filter and fuel filter. Remove alternator and sent for 500hr, see 8130-3 WO# 54082 CRSE# XB2R286L. Install alternator and operation checked. Research Airworthiness Directive notes through 2022-04. Engine run-up, and leak checked. Inspected engine per Cirrus AMM. I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

  
 Alexander Hansen  
 A&P 3847469 IA