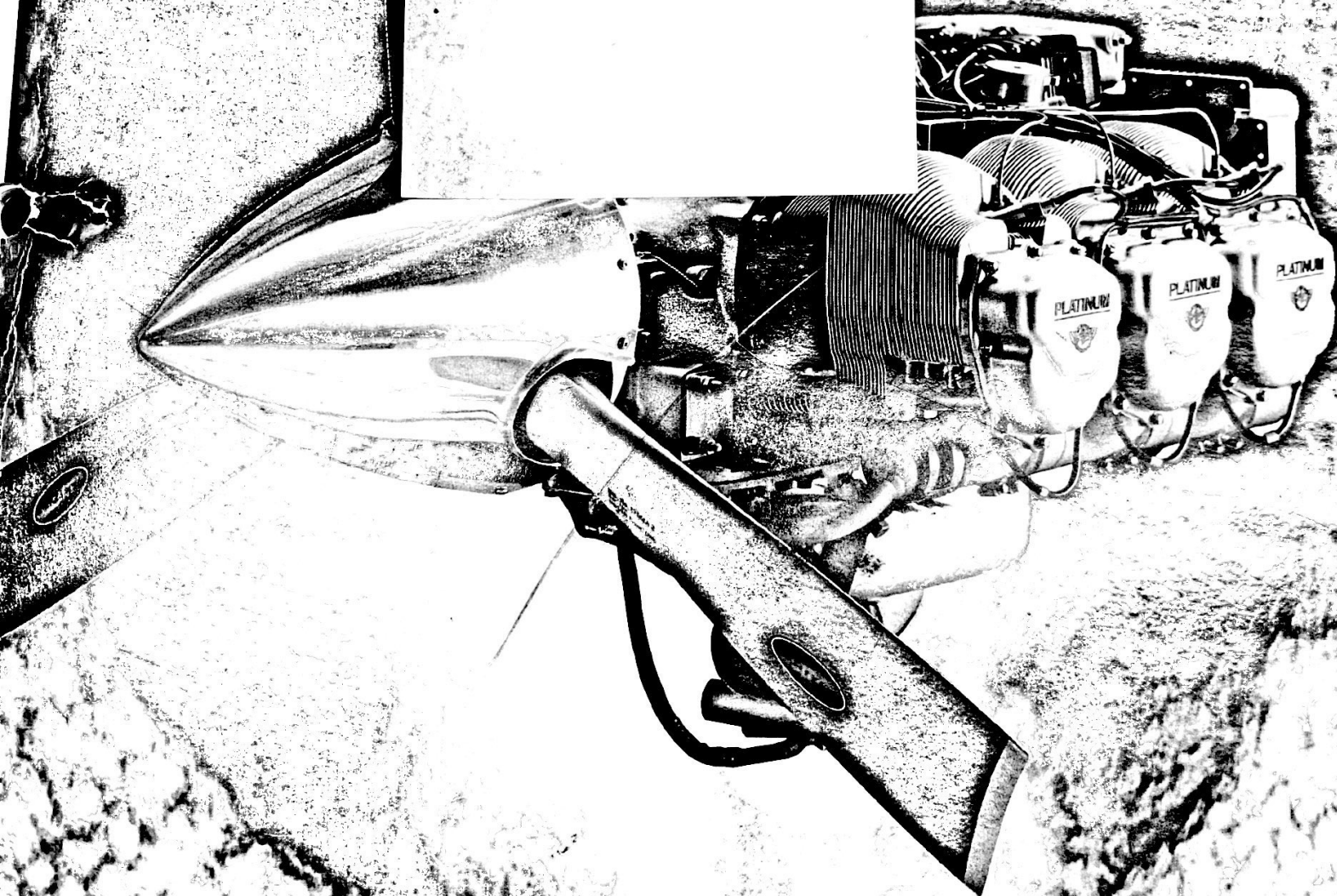

Logbooks
DAMAGED
IN FLOOD
8/4/18

PLATINUM ENGINE LOG BOOK

Only Needs One Page



CONTINENTAL MOTORS

Supplemental Type Certificates

Aircraft Registration Number N427KG

Aircraft Make and Model Cirrus SR 22 Turbo

Aircraft Serial Number 3068

Engine Make and Model Number **TCM IO-550-N51**

Engine Serial Number 691745

Propeller Make and Model Number Hartzell PHC-J3YF-1N Propeller Serial Number FP6736B

[illegible]

Service Bulletin Compliance Record

Aircraft Registration Number N427KG

Aircraft Make and Model Cirrus SR 22 Turbo

Aircraft Serial Number 3068

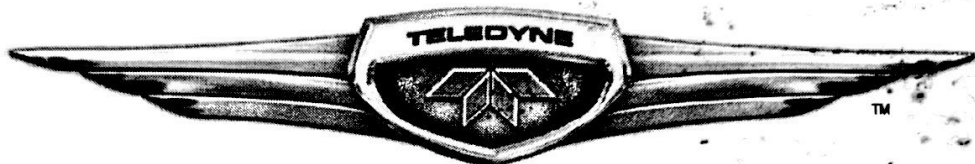
Engine Make and Model Number TCM IO-550-N51

Engine Serial Number 691745

Propeller Make and Model Number Hartzell PHC-J3YF-1N Propeller Serial Number FP6736B

[illegible]

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 05/16/2008

This engine model I0550N51, Serial No. 691745 was manufactured on 05/16/08 by Teledyne Continental Motors in accordance with approved design data and the requirements of Part 21 of the Federal Aviation Regulation. The approved design of this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE

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.	
6/17/08	6	.2			

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE
SE10589SC

CDC *[Signature]* on 7/28/2008
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

Date: 7/30/2008; Aircraft: N427KG; Type: CIRRUS; S/N: 3068; Hobbs: 39.0; Total Time: 31.7; Engine - Type: IO550N51, S/N: 691745, Time: 31.7
 Cirrus 25 hour maintenance check completed. Replaced RH induction tube to intercooler. Changed oil and filter serviced with Aeroshell 15W50 oil run leak check good, clean fuel injectors installed same cylinder pulled cleaned gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount wiring baffling hoses #1 battery all good.
 Complied with SA 08-15 and Kelly Aerospace SB033 replaced #2 alternator pulley and fan as per S/B. Service advisory 08-11 Kelly aerospace A-131 checked both turbo data tags found both secure. At the time of compliance of Kelly Aerospace Power Systems SIL-A-131 this aircraft was equipped with a Tornado Alley Turbonormalizing system which contained a part number 460304-0003 turbocharger, serial number KKL01083 mounted on the left side (pilot) of the engine and a part number 466304-0003 turbocharger, serial number KKL01082 mounted on the right side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6736B was NOT on list no further action needed.

This aircraft, airframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this Certified Repair Station Q6UR446Y.
 Monaco Air Duluth, LLC - 4535 Airport Approach Rd. - Duluth, MN 55811
 (218) 727-2911

Signature: *[Signature]*



AOA Maintenance LLC
319 N Crystal Lake Drive
Orlando Florida 32803



N427KG TACH: 42.1
S/N 3068 HOBBS: 51.0
MODEL: SR22 Turbo

Tuesday, 26 August, 2008

CIRRUS MAINTENANCE 50 HR INSPECTION

- 1) COMPLIED WITH 50 HR INSPECTION IAW CIRRUS MAINTENANCE CHECKLIST
- 2) DRAINED ENGINE OIL, CLOSED DRAIN. REMOVED OIL FILTER AND INSPECTED FILTER ELEMENT, NO DEFECTS NOTED. INSTALLED NEW FILTER PN CH48108-1 AND SAFETY WIRED. SERVICED ENGINE WITH 8 QTS AS 15W50 OIL.
- 3) DRAINED AND CLEANED GASCOLATOR FUEL FILTER AND BOWL.
- 4) SERVICED WITH TKS FLUID.

[Signature]
PAUL J STERN
A&P 3078823

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletin
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
<p><i>[Signature]</i> TACH: 107.3 HOBBS: 107.3 CIRRUS MAINTENANCE 100 HR INSPECTION</p>					<p>ACA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803 Tuesday, 20 October, 2009</p> <p>ENGINE COMPLIED WITH 50 HOUR INSPECTION IAW CIRRUS MAINTENANCE CHECKLIST. DRAINED OIL, SERVICED ENGINE WITH 8 QTS AS15W50 REMOVED AND INSPECTED OIL FILTER ELEMENT, NO DEFECTS NOTED. INSTALLED CH48108-1 AND SAFETY WIRED. DRAINED AND CLEANED GASCULATOR FUEL FILTER AND BOWL. GROUND RAN AND LEAK CHECKED WITHOUT DEFECTS.</p> <p><i>[Signature]</i> PAUL STERN A&P 3078823</p>
<p><i>[Signature]</i> TACH: 193.9 HOBBS: 222.7 CIRRUS MAINTENANCE 50 HR INSPECTION</p>					
<p><i>[Signature]</i> TACH: 251.4 HOBBS: 251.4 CIRRUS MAINTENANCE 50 HR INSPECTION</p>					
<p><i>[Signature]</i> TACH: 338.9 HOBBS: 382.7 CIRRUS MAINTENANCE 50 HR INSPECTION ENGINE</p>					<p>ACA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803 Wednesday, 5 May, 2010</p> <p>CIRRUS MAINTENANCE 50 HR INSPECTION ENGINE COMPLIED WITH 50 HR SERVICE IAW CIRRUS MAINTENANCE CHECKLIST. REMOVED OIL FILTER, INSPECTED FILTER ELEMENT, NO DEFECTS NOTED. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETY WIRED. DRAINED ENGINE OIL. SERVICED ENGINE WITH 8 QTS AS15W50 OIL. GROUND RAN AND LEAK CHECKED, NO DEFECTS NOTED. AIRCRAFT RETURNED TO SERVICE WITH NO DEFECTS NOTED.</p> <p><i>[Signature]</i> CHARLES WILSON AP3114515</p>
<p><i>[Signature]</i> TACH: 379.0 HOBBS: 429.2 CIRRUS MAINTENANCE 50 HR INSPECTION ENGINE</p>					
<p><i>[Signature]</i> TACH: 429.2 HOBBS: 429.2 CIRRUS MAINTENANCE 50 HR INSPECTION ENGINE</p>					

WILLIAM B. MORRIS
AP285724450

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

AIR ORLANDO
AOA Maintenance LLC
319 N Crystal Lake Drive
Orlando Florida 32803



N427KG
S/N 3068
MODEL: SR22 Turbo

TACH: 394.4
HOBBS: 447.4

Wednesday, 9 June, 2010

ENGINE

COMPLIED WITH ANNUAL INSPECTION IAW FAR43 15(C)(2). APPENDIX D USING CIRRUS 100 HOUR CHECKLIST AS A GUIDE. DRAINED OIL. REMOVED OIL FILTER. INSPECTED OIL FILTER ELEMENT. NO DEFECTS NOTED. INSTALL NEW OIL FILTER CH48108-1. SERVICE ENGINE WITH 8 QTS AS15W50 OIL. COMPRESSIONS: #1 78/80, #2 76/80, #3 78/80, #4 78/80, #5 76/80, #6 78/80. REMOVED, CLEANED AND INSPECTED SPARK PLUGS. NO DEFECTS NOTED. CLEANED GASCULATOR FILTER AND BOWL. REMOVED AND REPLACED MAG FILTER WITH NEW P/N 1396-2. REMOVED AND REPLACED 2 VBAND CLAMPS WITH NEW P/N 11-1100023. ALL AD'S RESEARCHED THROUGH 2010-11. GROUND RAN AIRCRAFT WITH NO LEAKS OR DEFECTS NOTED

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND RETURNED TO SERVICE

C. Wilson
CHARLES WILSON
AP31145151A

ENGINE MODEL:
ENGINE S/N:
REG. NO. N427KG
WORK ORDER:
28373-09-2010



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 9/22/2010
A/C TSN: 422.8
ENG TT: 422.8
TACH: 422.8

Engine Entries

(4) Replaced #3 fuel nozzle with one letter size smaller.

Maintenance Release

The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28373-09-2010.

DATE: 9/22/2010

SIGNED:

Gary Kromer
Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 28373-09-2010

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO550 N
(51)
ENGINE S/N: 691745
REG. NO. N427KG
WORK ORDER:
28505-01-2011



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 1/31/2011
A/C TSN: 435.2
ENG TT: 435.2
FLIGHTTIME: 435.2

Engine Entries

(1) Removed intercoolers and spark plugs. Installed new spark plugs and replaced intercoolers. Test ran ok.... (2) Fabricated doubler and installed on aft side left hand engine baffling.... (3) Changed oil & filter. Serviced with 7 qts Aeroshell 15W-50. Cut open filter with no discrepancies noted. Washed down engine and ran for leak check.... (4) Took oil sample.

Maintenance Release

The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28505-01-2011.

DATE: 1/31/2011

SIGNED:

Gary Kromer
Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 28505-01-2011

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
ENGINE S/N:
REG. NO. N427KG
WORK ORDER:
28466-12-2010



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 12/8/2010
A/C TSN: 488.2
ENG TT: 488.2
TACH: 488.2

Engine Entries

(1) Removed and reinstalled left and right magnetos after 500 hr inspection. Right mag S/N D08BA291 Left mag S/N D08BA308.

Maintenance Release

The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28466-12-2010.



DATE: 12/8/2010


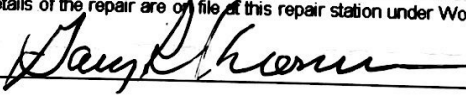
SIGNED:

Gary Kromer
Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 28466-12-2010

Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
	Hrs.	Min.	Hrs.	Min.		
Brought F	<div>ENGINE MODEL: 10550 N (51) ENGINE S/N: 691745 REG. NO: N427KG WORK ORDER: 28566-03-2011</div> <div>Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580</div> <div>DATE: 4/27/2011 A/C TSN: 460.2 ENG TT: 460.2 FLIGHTTIME: 460.2</div>					
	Engine Entries (13) Changed oil & filter. Cut open and inspected oil filter with no discrepancies noted. Serviced with 7 qts Aeroshell 15W-50. Washed engine and ran for leak check.... (14) Checked operation of both turbo wastegates. Both wastegates open and close fully. No defects noted at this time.... (16) Removed and replaced pushrod tube seals on #3, #4, and #5 cylinder also replaced all exhaust gaskets and lock tabs on rocker shaft bolts.... (17) Removed right turbo drain fitting, cleaned surfaces, and installed new gasket. Reinstalled fitting, torqued, and saftied bolts on right turbocharger.					
	Maintenance Release The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28566-03-2011.					
	DATE: 4/27/2011 SIGNED:  Work Order: 28566-03-2011 Kromer, Gary Certified Repair Station No. GA5R-876M Printed by EBis 3 (datcomedia.com)					
	1 of 1					

	<div>ENGINE MODEL: 10550 N (51) ENGINE S/N: 691745 REG. NO: N427KG WORK ORDER: 28616-05-2011</div> <div>Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580</div> <div>DATE: 6/1/2011 A/C TSN: 481.7 ENG TT: 481.7 FLIGHTTIME: 481.7</div>					
	Engine Entries (2) Complied with 100 hour Engine inspection. Changed oil and filter.... (4) Checked Compression - 1) 70/80; 2) 74/80; 3) 54/80; 4) 72/80; 5) 68/80; 6) 64/80; 7) 60/80; 8) 56/80; 9) 52/80; 10) 48/80; 11) 44/80; 12) 40/80; 13) 36/80; 14) 32/80; 15) 28/80; 16) 24/80; 17) 20/80; 18) 16/80; 19) Replaced knock sensor and baffling.... (20) Serviced K&N induction air filter.... (27) Complied with 500 hour fuel nozzle cleaning.... (30) Replaced exhaust V-band clamps.... (31) Installed new magneto pressurization filter.... (32) Removed and replaced #1 alternator.... (35) Replaced airbox assembly.... (36) Replaced aft left side baffle.... (38) Replaced 2 rivets popped on baffling under Alt 1.... (40) Cleaned sludge out of end of crankshaft.... (41) Washed down engine and ran for leak check.					
	I certify that this engine was inspected in accordance with a 100 hour inspection and found to be airworthy. The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28616-05-2011.					
	DATE: 6/1/2011 SIGNED:  Work Order: 28616-05-2011 Kromer, Gary Certified Repair Station No. GA5R-876M Printed by EBis 3 (datcomedia.com)					
	1 of 1					

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

Brou

N427KG
6-27-11

Cirrus Design SR22
Flight Hour Meter: 529.9 Hrs

S/N: 3068

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground ran and leak checked OK. All work was done I/A/W Cirrus SR22 MM 79-20.
- Washed engine to remove oil residue in engine compartment. Tightened loose bolt at crankcase between magnetos. Leak checked good on ground run.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. LT-11-05369.


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N427KG
8-03-11

Cirrus SR22
Hobbs: 668.6 Hrs

S/N: 3068
Flight Hour Meter: 574.5 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 7 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground run and no leaks.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-11-05375.


Authorized Representative

NO FURTHER ENTRIES ON THIS PAGE.

		Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Hrs.	Min.	Hrs.	Min.	

Bro

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
9-23-11

IO-550-N51
Cirrus Design SR22
Hobbs: 728.5 Hrs

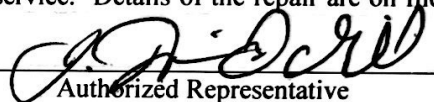
S/N: 691745
S/N: 3068
Flight Hour Meter: 622.6 Hrs
ETT: 622.6 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression check as follows: #1. 74/80 #2. 72/80 #3. 56/80 #4. 72/80 #5. 66/80 #6. 62/80
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Tightened loose mounting bolts on L/H & R/H exhaust to turbo flange and L/H & R/H wastegates as required.
- Cleaned, inspected and serviced K&N air filter.
- Adjusted R/H magneto timing to 21 1/2° I/A/W TAT ICA.
- Complied with TAT SI08-01 Rev. A by inspection and cleaning of breather hose, discharge tube and tailpipe discharge hole. No defects noted.
- Complied with TAT SI08-04 by borescope inspection of cabin heat augments tailpipe and found OK at this time.

I certify that this **engine** has been inspected in accordance with a **100 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05487.


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
11-09-11

IO-550-N51
Cirrus Design SR22
Hobbs: 786.0 Hrs

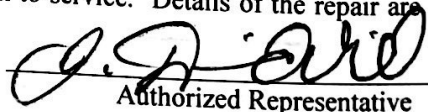
S/N: 691745
S/N: 3068
Flight Hour Meter: 668.1 Hrs
ETT: 668.1 Hrs

Maintenance performed:

- Complied with **50 Hour Inspection** I/A/W Crownair 50 Hour Inspection Checklist, Form CA-107.
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Cleaned and re-oiled induction air filter.

I certify that this **engine** has been inspected in accordance with a **50 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05546.


Authorized Representative

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.	

Brot

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
11-21-11

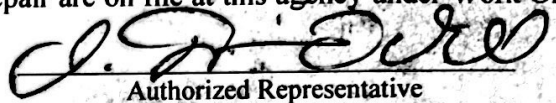
IO-550-N51
Cirrus Design SR22
Flight Hour Meter: 682.0 Hrs

S/N: 691745
S/N: 3068
TSN: 682.0 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 7 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground ran and leak checked OK.
- Took oil sample for analysis.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-11-05566.


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
1-06-12

IO-550-N51
Cirrus Design SR22
Hobbs: 853.1 Hrs

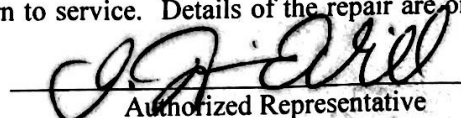
S/N: 691745
S/N: 3068
Flight Hour Meter: 723.6 Hrs
ETT: 723.6 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression check as follows: #1. 75/80 #2. 70/80 #3. 60/80 #4. 66/80 #5. 54/80 #6. 52/80
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- **AD 2011-25-51 (CMI MSB11-4)** To prevent failure of the starter adapter gear shaft is N/A by date of engine manufacture. Also, no record of starter adapter replacement between January 1, 2011 & November 20, 2011.
- Cleaned and re-oiled engine air filter.
- Replaced points and gaskets on both L/H & R/H magnetos with new P/N 10-382584 and P/N 649954 respectively.

I certify that this engine has been inspected in accordance with a **100 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05608.


Authorized Representative

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.

Br

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
3-01-12

IO-550-N51
Cirrus Design SR22
Flight Hour Meter: 777.3 Hrs

S/N: 691745
S/N: 3068
TSN: 777.3 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground ran and leak checked OK.
- Took oil sample for analysis.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05669.


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
4-06-12

IO-550-N51
Cirrus Design SR22
Hobbs: 969.6 Hrs

S/N: 691745
S/N: 3068
Flight Hour Meter: 820.3 Hrs
ETT: 820.3 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression check as follows: #1. 78/80 #2. 72/80 #3. 46/80 #4. 70/80 #5. 50/80 #6. 48/80
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Removed R/H exhaust manifold assy and installed a new style manifold, P/N 22-6850003 using all new gaskets. Ground ran and Ops checks good.
- Inspected and cleaned induction air filter. Serviced with oil and reinstalled filter.
- Repaired cracked baffles under L/H & R/H intercoolers by fabricating patch out of stock aluminum and riveted in place as required.

I certify that this engine has been inspected in accordance with a **100 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05716.


Authorized Representative

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.	

Brc

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N427KG
 6-28-12

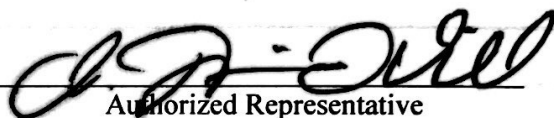
IO-550-N51
 Cirrus Design SR22
 Hobbs: 1126.7 Hrs

S/N: 691745
 S/N: 3068
 Flight Hour Meter: 953.7 Hrs

Maintenance performed:

- Customer complaints of max power at 93%. Inspected installation of wastegate control cable. Ran engine several times and made adjustments as required. Final run max power checked good at 103%.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05819.


 Authorized Representative

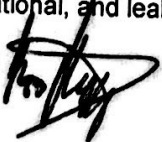


Make: CIRRUS DESIG Model: SR22 Reg. No.: N427KG
 Order No.: 1013 Completed: 06/26/12 00:00
 S/N: 3068 Tach Time: 938.30 TTAF:

1) Removed and replaced turbo waste gate slave cable p/n 22-5650009 with new. Checked cable adjustment and performed functional inspection in accordance with manufacturers instructions.

2) Performed run-up, operational, and leak check of all interrupted systems OK.

Ross Phipps A&P 2679548



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.	

Bro

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N427KG
 7-10-12

IO-550-N51
 Cirrus Design SR22
 Hobbs: 1143.3 Hrs

S/N: 691745
 S/N: 3068
 Flight Hour Meter: 968.1 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Washed engine.
- Took oil sample for analysis.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05819.

[Signature]
 Authorized Representative

ENGINE MODEL:
 ENGINE S/N:
 REG. NO: N427KG
 WORK ORDER: 26068



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
 19711-B Campus Drive
 Santa Ana, CA 92707
 Phone: (949) 852-8420

DATE: 7/20/2012
 A/C TSN:
 ENG TT:
 HOBBS: 979.6

Engine Entries

Tested and adjusted fuel system as per TCM SID97-3E and TAT ICA. Adjusted prop governor, fuel pump, and turbo controller as needed. No abnormal % power readings noted thruout ground test runs. Operational check normal.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 7/20/2012

SIGNED:

Richard Sanchez
 Certified Repair Station No. Z5SR421Y

Work Order: 26068

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NO FURTHER ENTRIES THIS PAGE

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

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
10-17-12

IO-550-N51
Cirrus Design SR22
Flight Hour Meter: 1012.7 Hrs

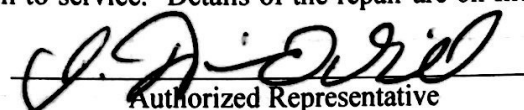
S/N: 691745
S/N: 3068
ETT: 1012.7 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** using Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression check as follows: #1. 70/80 #2. 66/80 #3. 22/80 #4. 54/80 #5. 54/80 #6. 26/80.
- Removed #3, #4, #5 & #6 cylinders and sent to Powermaster Aircraft Engines for overhaul due to low compression. Received same overhauled cylinders and reinstalled in their original positions using new piston pins, seals and gaskets. All work was done I/A/W TCM Overhaul Manual.
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 100 mineral oil due to new cylinders and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Removed L/H & R/H magnetos for 500 Hr Inspection. Tested coils and condensers, checked good. Cleaned blocks and gears, checked good. Installed new points, P/N 10-382584 in left & right mags. Timed mags internally and installed to engine using new gaskets, P/N 649954. Timed L/H & R/H mags to 21.5 degrees I/A/W TATI Instructions. Next due @ 1512.7 Hrs Flight Hour Meter.
- Serviced and installed new K&N induction air filter, P/N 30-2022.
- Removed burned section of L/H TIT probe wiring, installed new terminals to wires and reattached to probe. Covered connections with heat proof material. Ground run TIT indicates normal.
- Replaced R/H exhaust turbo support rod with new P/N ETI-G2-600-36.
- Replaced L/H side baffle spring with new P/N 51021-001.
- Removed all injector nozzles, cleaned and reinstalled using new o-rings, P/N 630979-9 and new seals, P/N 640612.
- Removed and replaced #2 alternator with new Continental Motors ALT-ASM-24V-70A-BELT-DRV, P/N 657199, S/N H-M020805. Ground run Ops checked good. Old S/N 1050521 off.
- Oil temp reading high and erratic. Removed exhaust and induction components to gain access to oil temp harness and probe. Cleaned connections, tightened and safety wired plug. Reinstalled engine components, oil temp now reads correct and steady.
- Replaced R/H TIT probe with new P/N 86245. Ground run, L/H & R/H TIT indication reading normal.

I certify that this engine has been inspected in accordance with a **100 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05883.


Authorized Representative

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

Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

TCM Engine
 N427KG
 12-04-12

IO-550-N51
 Cirrus Design SR22
 Hobbs: 1244.6 Hrs

S/N: 691745
 S/N: 3068
 Flight Hour Meter: 1045.7 Hrs

Maintenance performed:

- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05973.



 Authorized Representative

N427KG TACH: 1082.7 DATE: 8 MARCH 2013

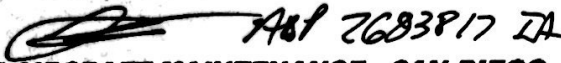
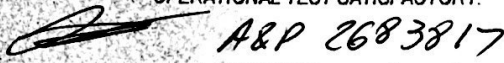

REMOVED AND REPLACED STARTER
 INSTALLED SKYTEC C24ST5 S/N 4C5-301207
 IAW CONTINENTAL SERVICE MANUAL
 OPERATIONAL TESTED SATISFACTORY

 **A&P 2683817 IA**
SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA

FAA - PMA

This tag certifies that Sky-Tec Model No. **C24ST5**
 Serial No. **4C5-301207** was manufactured new on **30 MAR 2012**
 by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
 No. **6** per CFR14 Part 21 in accordance with Sky-Tec's
 FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
 conforms to the relevant FAA-approved drawings. This part has been
 determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Starter Installed on N **427KG** by 
 (Aircraft) (Mechanic)

A&P 2683817 IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
N427KG TACH: 1092.5 DATE: 29 MAR. 2013 ADJUSTED IDLE MIXTURE IAW CONTINENTAL SID 97-3E RUN UP SATISFACTORY AND TEST FLIGHT SATISFACTORY  SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA					
N427KG TACH: 1,095.2 DATE: 15 APRIL 2013 REPLACED STARTER ADAPTER, INSTALLED P/N 642085-A17 SN QAA7982 OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES, INSTALLATION IAW WITH CONTINENTAL IO-550 SERVICE MANUAL OPERATIONAL TEST SATISFACTORY.  SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA					
N427KG FHM: 1103.2 HOBBS: 1315.9 DATE :14 JUNE 2013 TSO: 1103.2 COMPLIED WITH AN <u>ANNUAL INSPECTION</u> IAW CIRRUS CHECK LIST FOR SR-22 DRAINED OIL, REPLACED FILTER CH48108, SERVICED WITH 8 QTS AEROSHELL 15W-50. CLEANED INDUCTION FILTER. REPLACED ALL 12 EA. SPARK PLUGS URHB32E . CHECKED MAG TIMING. CLEANED FUEL INJECTORS. PERFORMED CYLINDER COMPRESION TEST. #1=60/80 #2= 73/80 #3= 75/80 #4=78/80 #5=76/80 #6=78/80 REPLACED RIGHT CLAMP FOR TURBO SUPPORT I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL INSPECTION</u> , AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA					
N427KG TACH: 1180.1 HOBBS: 1408.8 DATE: 28 SEPT. 2013 DRAINED OIL, INSPECTED OIL SCREEN, REPLACED OIL FILTER P/N CH48110, SERVICED WITH 10 QTS OF AEROSHELL 15W50 , WASHED ENGINE & COMPARTMENT, INSPECTED ALL CONTROL CABLES, HOSES, ENGINE MOUNTS & STRUCTURE. RUN UP :NO LEAKS SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA					

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

Brought Forward

SORBI AIRCRAFT MAINTENANCE



N427KG ENGINE: CONTINENTAL IO-550 N 51 S/N 691745
DATE: 15 AUG. 2014 FHM: 1222.4 TTSN: 1222.4 HOBBS: 1461.6 CYCLES: N/A

ENGINE ENTRIES:

Complied with an **ANNUAL INSPECTION** IAW CIRRUS Check list for SR-22 and Tornado Alley Turbo Inc. instructions.
Cylinder compression check: #1=74 #2=78 #3=78 #4=78 #5=79 #6=78
Changed oil and filter. Serviced with Aeroshell 15W50. Open filter and no metal on element. Filter CH48109. Oil run leak check good.
Removed prop. governor for overhaul. Installed prop. governor Mc Cauley P/N C290D3-R/T23 S/N 071945.
Replaced alternator #1 ON P/N es-10024 S/N H-0031056 new.
Removed all oil and fuel hoses for overhaul by Herber Aircraft see form 8130-3 attached. Installed oil and fuel hoses pressure tested.
Complied with muffler and heat exchanger inspection by "V" clamp inspection, pressure test and boroscope, no defects noted.
Replaced air / induction filter 33-2022.
Replaced bracket tail pipe support left P/N 22-6200045.
Replaced turbo clamp V - band P/N 11-1100023.
Searched AD s, report list updated with new items.

MAINTENANCE RELEASE:

This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service.

SIGNED  CERTIFICATE **ASP 2683817 IA** W/O 10552, 10601, 10616

SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
2-25-15

IO-550-N51
Cirrus Design SR22
Hobbs: 1517.8 Hrs

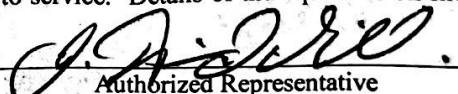
S/N: 691745
S/N: 3068
Flight Hour Meter: 1268.7 Hrs

Maintenance performed:

- Complied with **50 Hour Inspection** using the Cirrus SR22 and SR22T AMM Inspection Checklist, Chapter 05-20.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with nothing abnormal found at this time.
- Took oil sample and sent in for analysis.
- Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs.
- Retorqued all rocker cover screws as required.

I certify that this engine has been inspected in accordance with a **50 Hour 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 Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-06985.


Authorized Representative

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

Brought Forward

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N427KG
3-10-15

IO-550-N51
Cirrus Design SR22
Hobbs: 1523.8 Hrs

S/N: 691745
S/N: 3068
Flight Hour Meter: 1272.0 Hrs

Maintenance performed:

- Removed and replaced oil temp sensor with new P/N MS28034-1, torqued and safety wired. Functional checks good and no defects or leaks noted at this time.
- Replaced worn L/H wastegate support bracket with new P/N 22-625006 using new bolt P/N MS21250-05020 and torqued as required.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-15-07012.


Authorized Representative

SORBI AIRCRAFT MAINTENANCE

SAN DIEGO, CA



N427KG ENGINE: CONTINENTAL IO-550 N 51 S/N 691745
DATE: 2 Sept. 2015 FHM: 1301.7 TTSN: 1301.7 HOBBS: 1560.8 CYCLES: N/A

ENGINE ENTRIES:

Complied with an **ANNUAL INSPECTION** IAW CIRRUS Check list for SR-22 and Tornado Alley Turbo Inc. instructions.
Cylinder compression check: #1=78 #2=66 #3=72 #4=75 #5=72 #6=76
Changed oil and filter. Serviced with Aeroshell 100 mineral oil. Open filter and no metal on element. Filter CH48109.
Oil run leak check good.
Complied with muffler and heat exchanger inspection by "V" clamp inspection, pressure test and boroscope, no defects noted.
Removed and installed #1 cylinder for overhaul.
Replaced 2 EGT probes. Operational check satisfactory.
Replaced clevis pins on right turbo wastegate cable.
Searched AD s, report list updated with new items.

MAINTENANCE RELEASE:

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

SIGNED  CERTIFICATE **AIP 3564380 1A**

SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

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

SORBI AIRCRAFT MAINTENANCE
SAN DIEGO, CA


N427KG **ENGINE: CONTINENTAL IO-550 N 51** **S/N 691745**
DATE: 20 OCT. 2015 **FHM: 1326.1** **TTSN: 1326.1** **HOBBS: 1591.7** **CYCLES: N/A**

ENGINE ENTRIES:

Drained engine oil, replaced oil filter PN: CH48110-1.
 Serviced engine with 8 Qts. of aeroshell 15W-50. Cut open filter to inspect for metal. None found at this time.

MAINTENANCE RELEASE:

This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service.

SIGNED  CERTIFICATE **AP 3564380**

SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

SORBI AIRCRAFT MAINTENANCE
SAN DIEGO, CA


N427KG **ENGINE: CONTINENTAL IO-550 N 51** **S/N 691745**
DATE: 29 MAR. 2016 **FHM: 1382.2** **TTSN: 1382.2** **HOBBS: 1659.9** **CYCLES: N/A**

ENGINE ENTRIES:

Drained engine oil, replaced oil filter PN: CH48110-1.
 Serviced engine with 8 Qts. of aeroshell 15W-50. Cut open filter to inspect for metal. None found at this time.

MAINTENANCE RELEASE:

This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service.

SIGNED  CERTIFICATE **AP 2683817 DA**

SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

SORBI AIRCRAFT MAINTENANCE
SAN DIEGO, CA


N427KG **ENGINE: CONTINENTAL IO-550 N 51** **S/N 691745**
DATE: 19 JUL. 2016 **FHM: 1403.9** **TTSN: 1382.2** **HOBBS: 1686.6** **CYCLES: N/A**

ENGINE ENTRIES:

Replaced TIT probe P/N 86245.
 Operational tested satisfactory.

MAINTENANCE RELEASE:

This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service.

SIGNED  CERTIFICATE **AP 2683817 DA**

SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

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

ENGINE MODEL: **Lone Mountain Aircraft Maintenance**
 ENGINE S/N:
 REG. NO: N427KG 2460 Greentree Road
 WORK ORDER: Hangar 12
 1545-05-2017 Lebanon, Ohio 45036
 Phone: 888-566-3686

DATE: 5/31/2017
 A/C TSN: 1713.1
 ENG TT:
 TACH: 1426

Engine Entries

(3) Complied with the Engine Annual Inspection in accordance with the Manufacturers Maintenance Manual. Cleaned, inspected, and gapped all spark plugs. Megged all ignition leads. Serviced Engine oil and filter. Cut filter for inspection, no defects noted. Serviced engine with Phillips 20W50XC oil.... (11) Removed and replaced worn slave wastegate, attach pins, and knuckle.... (15) Removed and replaced leaking master wastegate. Installed s/n KGN00523.... (24) Removed and replaced cracked alternator belt.... (28) Removed and replaced all 12 spark plugs.... (29) Compression test are as follows: #1-60, #2-60, #3-64, #4-72, #5-62, #6-76, Master orifice 44/80. Borescope inspection revealed no known defects.

This engine has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 5/31/2017

SIGNED:

Ryan Yenger, IA 3669633

Work Order: 1545-05-2017

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ENGINE MODEL:
 ENGINE S/N:
 REG. NO: N427KG **Lone Mountain Aircraft Maintenance**
 WORK ORDER: 2460 Greentree Road
 1553-06-2017 Hangar 12
 Lebanon, Ohio 45036
 Phone: 888-566-3686

DATE: 6/14/2017
 A/C TSN: 1713.1
 ENG TT:
 TACH: 1426

Engine Entries

(1) Removed and replaced L/H TIT probe.... (2) Adjusted manifold pressure controller down to 31.7, prop rpm reads 2660 at full throttle.

DATE: 6/14/2017

SIGNED:

Ryan Yenger, IA 3669633

Work Order: 1553-06-2017

Printed by EBis 3 (datcomedia.com)



4510 Airport Rd.
 Cincinnati OH 45226
 (513) 321-1200



N427KG Date: 7/27/2017 Engine SN 691745 Flight: 1456.1

1. Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell.
2. 12 ounces of Cam-Guard added.
3. Installed new oil filter p/n AA48108-2. Cut open old filter and inspected for metal debris. None found.
4. Routine oil sample taken for analysis.
5. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA

Greg Herrmann

4510 Airport Rd.
Cincinnati OH 45226
(513) 321-1200



N427KG ENG. S/N: **Date:** 6/20/2018 **Engine** **Flight:** 1519.6 **TSN:** 1519.6 AIRGRA

Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20, and 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

The following work was accomplished at this time:

1. Compressions: 1)76/80 2)74/80 3)71/80 4)76/80 5)68/80 6)72/80 master orifice 42psi.
2. Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell 15W-50.
3. Serviced oil with 12 ounces CamGuard.
4. Installed new oil filter p/n AA8108-2.
5. Routine oil sample taken for analysis.
6. Installed new #4, #5, and #6 valve cover gaskets p/n 658735.
7. Installed new master wastegate bracket p/n 22-625006, and spring p/n 10530.
8. Installed new left exhaust tailpipe springs p/n 51381-001.
9. Installed new turbo support rod sleeves p/n 22-6200048.
10. Installed both new turbo oil return gaskets p/n 652100.
11. Installed both new waste gate gaskets p/n FG0120830.
12. Installed new forward turbo support bushings p/n 22-6200023.
13. Installed magnetos s/n D08BA291 and D08BA308 after **500hr inspection** by Professional Aircraft Accessories CRS# PO5R554Y under w/o 60641.
14. Inspected fuel gascolator and installed new stato-seal p/n NAS1523-8B.
15. Performed TAT Turbo ICA manual functional inspection of fuel injection system.
16. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Airworthiness Directives

All AD's complied with to this date

Service Bulletins

1. Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. **Next due at flight: 1619.6**
2. Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin. **Next due: 6/2019**
3. Accomplished Tornado Alley Turbo service bulletin TAT SB11-04 Turbo oil supply inlet screen inspection. **Next due: 6/2019**
4. Accomplished Tornado Alley Turbo service bulletin TAT SB12-02 Check fuel pump for leaks. **Next due: 6/2019**
5. Accomplished Tornado Alley Turbo service instruction TAT SI08-01rev. A. Cleaned and inspected crankcase breather discharge **Next due: 6/2019**
6. Accomplished Tornado Alley Turbo service bulletin TAT SI08-04. Pressure test cabin heater augmentors. **Next due: 6/2019**
7. Accomplished Tornado Alley Turbo Service Instruction TAT SI08-05 rev. A. Air filter recharge **Next Due: 6/2019**
8. Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication. **Next Due: 6/2019**
9. Accomplished Tornado Alley Turbo service bulletin TAT SI11-03. Inspect turbo support rods. **Next due: 6/2019**

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

Gust Hermann