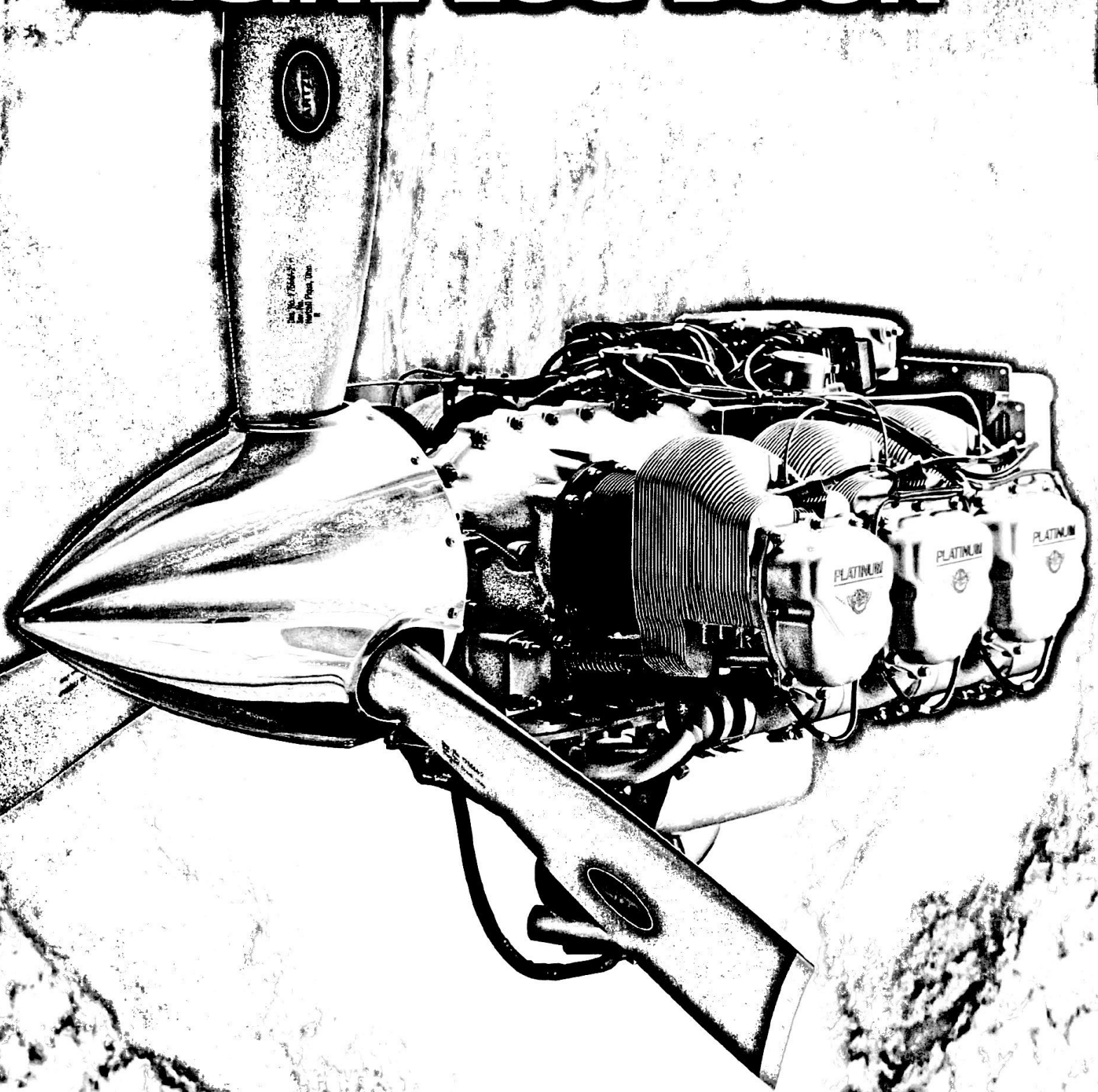
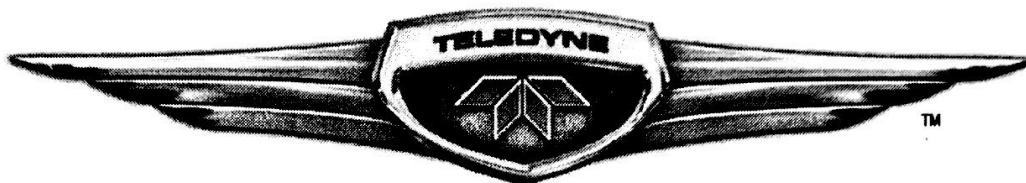


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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: 10/21/2007

This engine model I0550N50, Serial No. 691445 was manufactured on 10/21/2007 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

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

Hrs. Min. Hrs. Min.

Brought Forward →



LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC
d/b/a MILLION AIR - RICHMOND
CRS VXWR051W

Manufacturer: TCM Date: 9/16/2008
Model: IO-550-N (50) W.O.: M080925
S/N: 691445 Reg #: N856SR
TTE: 170 ACTT: 170.0
Flight Hobbs: 170.0

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed defective # 1 alternator and installed a serviceable new alternator as before. OP's checked good at this time. P/N off/on ES10024. S/N off H096927 and S/N on H123898.

Signed:
Print: John T. Gardner

for
COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W



LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC
d/b/a MILLION AIR - RICHMOND
CRS VXWR051W

Manufacturer: TCM Date: 10/10/2008
Model: IO-550-N (50) W.O.: M081014
S/N: 691445 Reg #: N856SR
TTE: 178.6 ACTT: 178.6
Flight Hobbs: 178.6

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Ran engine to operating temperature. Drained engine oil and removed oil filter. Inspected filter element for metallic contamination. No contamination noted. Installed a new oil filter P/N AA48108 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Performed engine ground run. OP's and leak checks good.

Signed:
Print: John T. Gardner

for
COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W



LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC
d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer: TCM Date: 1/16/2009
Model: IO-550-N(50) W.O.: M090108
S/N: 691445 Reg #: N856SR
TTE: 216.0 ACTT: 216.0
Hobbs: 244.3 Flight Hobbs: 216.0

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

The Teledyne Continental IO-550-N(50) S/N: 691445 engine was inspected referencing the current maintenance rules of the Federal Aviation Regulations for a 100 hour inspection using the Cirrus Design SR22 current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with engine cylinder compression check. Results as follows:

- #1 - 68/80
- #2 - 66/80
- #3 - 75/80
- #4 - 75/80
- #5 - 76/80
- #6 - 76/80

Complied with annual inspection requirements for Tornado Alley Turbo Normalizer referencing Tornado Alley Report 215-10.

Removed # 1 cylinder exhaust rocker cover and staked exhaust valve. Cylinder pressure increased to 68/80. Reinstalled rocker cover.
Removed defective # 6 top spark plug and installed new spark plug P/N RH832S.

Drained engine oil and removed oil filter. Inspected filter element for metallic contamination. None noted. Installed new oil filter P/N AA48108 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ops and leak check good on ground run.

Removed, cleaned, inspected and reinstalled fuel injectors into original cylinders referencing TCM EMM.

Removed defective clevis pin on right turbo waste gate and installed new clevis pin P/N MS20392-1C19

Signed:
Print: John T. Gardner

for
COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	TCM	Date	1/16/2009
Model:	IO-550-N(50)	W.O.:	M090108
S/N:	691445	Reg #:	N856SR
TTE:	216.0	ACTT:	216.0
Hobbs:	244.3	Flight Hobbs:	216.0

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

The Teledyne Continental IO-550-N(50) S/N: 691445 engine was inspected referencing the current maintenance rules of the Federal Aviation Regulations for a 100 hour inspection using the Cirrus Design SR22 current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with engine cylinder compression check. Results as follows:

- #1 - 68/80
- #2 - 66/80
- #3 - 75/80
- #4 - 75/80
- #5 - 76/80
- #6 - 76/80

Complied with annual inspection requirements for Tornado Alley Turbo Normalizer referencing Tornado Alley Report 215-10.

Removed # 1 cylinder exhaust rocker cover and staked exhaust valve. Cylinder pressure increased to 68/80. Reinstalled rocker cover.

Removed defective # 6 top spark plug and installed new spark plug P/N RHB32S.

Drained engine oil and removed oil filter. Inspected filter element for metallic contamination. None noted. Installed new oil filter P/N AA48108 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ops and leak check good on ground run.

Removed, cleaned, inspected and reinstalled fuel injectors into original cylinders referencing TCM EMM.

Removed defective clevis pin on right turbo waste gate and installed new clevis pin P/N MS20392-1C19

Signed:
Print


John T. Gardner
for

COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

		Last Overhaul	
Hrs.	Min.	Hrs.	Min.

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

Brought Forward →



LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC

d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	TCM	Date	1/21/2010
Model:	IO-550-N(50)	W.O.:	M091224
S/N:	691445	Reg #:	N856SR
TTE:	464.2	Hobbs:	492.6
		Flight Hobbs:	464.2

ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

The Teledyne Continental IO-550-N(50) S/N: 691445 engine was inspected referencing the current maintenance rules of the Federal Aviation Regulations for a 100 hour inspection using the Cirrus Design SR22 current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with engine cylinder compression check. Results as follows:

- #1 - 62/80
- #2 - 70/80
- #3 - 70/80
- #4 - 70/80
- #5 - 72/80
- #6 - 72/80

Complied with Annual Inspection for the Tornado Alley turbo installation referencing the Tornado Alley Continued Airworthiness Document 22-6460004.

Drained oil and removed old oil filter. Cut open oil filter and inspected element. No metallic contamination noted. Installed a new oil filter P/N: AA48108-2. Serviced the engine with 8 quarts of Aeroshell 15W-50 oil. Ran engine. Ops and leak checks good referencing TCM IO-550 MM and Cirrus SR22 AMM 12-10.

AD 2009-16-03 does not affect this engine, no SAP investment cast cylinder assy's installed.

AD 2009-24-52E does not affect this engine, this engine was assembled on 10/21/07 and no record of any lifters replaced.

Staked # 1 cylinder intake and exhaust valves and got compression of 62/80 referencing TCM IO-550-N EMM 19-15.

Removed defective #1 and # 4 cylinder lower spark plugs and installed new spark plugs referencing Cirrus SR22 AMM 74-20. P/N: RHB-32S.

Staked intake valve on # 3 cylinder and got compression of 70/80 referencing TCM IO-550-N EMM 19-15.

Complied with 450 hour replacement of left and right turbo exhaust V band clamps referencing the TATI ICA 22-6460004. V band replacement next due at flight hobbs 914.2. P/N: 11-1100023.

AD 2009-25-52E N/A, engine manufactured on 10/21/07 and no record of any lifters being replaced.

AD 2009-16-03 N/A, no SAP investment cast cylinder assy's installed.

Signed:
Print: John T. Gardner
for

COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

Date: 4/28/2010
Hobbs: 552.7
Flight Hobbs: 524.3
Reg. #: N856SR
Drained oil and removed old oil filter. Installed a new oil filter P/N AA48108-2 Tempest brand. Added 8 quarts Exxon Elite 20W-50 aviation grade engine oil. Ran engine. Ops check good. No leaks noted.
Dan Roy, CFI 2649714

Brought Forward →

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 21909



Hobbs: 620.0
FHM: 591.6
Total Time: 591.6
Date: 12/23/2010

ETT: 591.6
Performed 100 hour inspection using Cirrus Inspection Checklist as a guide. Performed compression w/ following results: #1) 44/80 #2) 62/80 #3) 62/80 #4) 66/80 #5) 68/80 #6) 68/80. Master orifice reading "42". Removed oil & filter. Cut open & inspected filter. No metal noted. Installed new CH48108-1 filter & serviced w/ 20W50 Exxon Elite oil. Set up fuel system I/A/W Tornado Alley Turbo ICA's. Adjusted MAP controller to 29.6" Hg. Adjusted slave waste gate actuator cable. Ground ran. No defects noted. For further details see WO# 21909 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.


For: Air Care, Inc.
FAA Repair Station
AC0R030C

Date: 9/21/11
Hobbs: 674.2
Flight Hobbs: 645.9
Reg.#: N856SR
Drained oil and removed
Old oil filter. Installed a
new oil filter P/N AA48108-2
Tempest brand. Added 8
quarts Exxon Elite 20W-50
aviation grade Engine oil.
Ran engine. Ops Check
good. No leaks noted.
Andrew Roy



Hrs.	Min.	Hrs.	Min.

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

Brought Forward →



DOMINION AVIATION

Date: 9/02/2011; Aircraft: 856SR; Type: CIRRUS SR-22; S/N: 2834; Hobbs: 666.10; Total Time: 637.80; Engine - Type: IO-550N50B, S/N: 691445; Prop - Type: , S/N:

****Engine****

Removed starter (P/N 656181E2V) and installed new starter (P/N 657596) & seal o-ring (P/N MS9021-038) in reference to Teledyne Continental Motors IO550N Overhaul Manula Chapter 18-8A.

Installed the Continental Motors' rebuilt starter adapter (P/N R-642085A17) with new gasket (P/N 653470) and gasket maker (P/N 646942) in reference to Teledyne Continental Motors IO550N Overhaul Manula Chapter 18-8A.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 22760

Signed [Signature]

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 22222



Hobbs: 694.2
FHM: 665.9
Total Time:
Date: 12/2/2011

C/W TCM MSB11-4 by replacing starter adapter assembly w/ Continental overhauled adapter P/N R-642085A17, replacement meets the requirements of AD2011-25-51E. C/W TATI MSB11-05 by replacing spark plugs w/ new P/N URHB32E (12 ea). Replaced LH exhaust tail pipe. Installed TATI new P/N 22-6150034 using new v-band clamp P/N 11-1100023. Replaced gasket P/N FG0120830 on wastegate dump tube adapter. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22222 on file this station.

[Signature]
For: Air Care, Inc.
FAA Repair Station
AC0R030C

Date

Hrs. Min. Hrs. Min.

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

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 22263



Hobbs: 698.3
FHM: 670.0
Total Time: 670.0
Date: 1/13/2012

S/N 691445 ETT: 670.0

Performed 100 hour inspection using Cirrus SR22 M/M scheduled inspection report as a guide. Changed oil & filter. Took Blackstone oil analysis. Cut open & inspected filter. No defects noted. Installed new filter P/N CH48108-1. Serviced w/ 7 qts Exxon Elite 20W50. Checked compression: #1) 56/80 #2) 64/80 #3) 55/80 #4) 60/80 #5) 64/80 #6) 72/80. Master orifice reading "42". Results meet requirements of TCM SB03-3. Performed borescope inspection of cylinders. No defects noted. C/W Tornado Alley Turbo Inc. ICA. C/W 500 hour magneto IRAN; performed by G & N Aircraft (CRS# MW2R020L WO# 68338). Reinstalled mags w/ new gaskets & timed to engine. C/W TATI SB11-04 by inspection. No defects noted. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22263 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

[Signature]
For: Air Care, Inc.
FAA Repair Station
AC0R030C

T.C.M
MAGNETO

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 22385



Hobbs: 757.0
FHM: 728.7
Total Time:
Date: 6/1/2012

Changed oil & filter. Took Blackstone oil sample. Removed filter. Cut open & inspected. No defects noted. Installed new filter P/N CH48108-1. Serviced w/ 7 qts Exxon Elite 20W50 & 1 pint of Camguard. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22385 on file this station.

[Signature]
For: Air Care, Inc.
FAA Repair Station
AC0R030C

Bro

Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 22561



Hobbs: 794.0
 FHM: 765.7
 Total Time: 765.7
 Date: 3/4/2013

S/N 691445 ETT: 765.7

Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. C/W TATI ICA's. Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open filter & inspected. No defects noted. Installed new filter P/N CH48108-1. Serviced w/ 7 qts Exxon Elite 20W50 & 1 pint CamGuard. Checked compression: #1) 47/80 #2) 70/80 #3) 65/80 #4) 60/80 #5) 66/80 #6) 71/80. Master orifice "42" per SB03-3. Borescope inspected cylinders. No defects noted. AD2012-03-06C N/A, affected parts not installed. AD2012-10-13 P/C/W as AD2011-25-51 12/2/11 @ TT: 665.9. AD2012-10-52E N/A by turbocharger P/N's. C/W TATI SB12-02 by inspection. No defects or leaks noted. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22561 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

Timothy J. Padgett
 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 22678



Hobbs: 848.3
 Flight: 819.9
 Total Time:
 Date: 7/26/2013

Removed oil & filter. Took SOAP sample. Cut open filter. No metal noted. Installed new filter P/N AAH48108-2 & serviced w/ 7 qts of Exxon Elite 20W50 & 1 pt of CamGuard. Performed 50 hour inspection using SAVVY checklist as a guide. Washed engine & ground ran acft. No leaks or defects noted at this time. For further details see WO# 22678 on file this station.

Timothy J. Padgett
 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 22818



Hobbs: 878.8
 FHM: 850.4
 Total Time: 850.4
 Date: 5/1/2014

S/N 691445 ETT: 850.4

Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone Labs oil sample. Cut open & inspected filter. No defects noted. Installed new filter P/N CH48108-1. Serviced w/ 7 qts Aeroshell 100W & 1 pt CamGuard. Checked compression: #1) 50/80 #2) 62/80 #3) 65/80 #4) 68/80 #5) 74/80 #6) 70/80. Master orifice "43" per SB03-3. Borescoped cylinders. No defects noted. AD2014-05-29 N/A; no SAP cylinders installed. C/W TATI ICA's. No defects noted. C/W TATI SB12-02 by inspection. No defects noted. C/W TATI SB11-04 by inspection & cleaning. No defects noted. Replaced RH exhaust tailpipe V-band clamp w/ new P/N 11-1100023. Due next @ TT: 1200.4. LH due next @ 1015.9. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 22818 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

Timothy J. Padgett
 For: Air Care, Inc.
 FAA Repair Station

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Record
inspections,

Date: 11/22/14
Hobbs: 921.2
Flight: 893.0
Reg#: N856SR

Date: 2/18/15
Hobbs: 937.4
Flight: 909
Reg#: N856SR

Drained oil and removed filter.
Installed a new oil filter P/N
AA48108-2 Tempest brand.
Added 7 qts Exxon Elite 20W-50
aviation grade oil and 1 pint
Camguard. Ran engine, ops
check good, no leaks detected.

Replaced main battery with Gill
G-243. Ops check normal

Andrew Roy
Private Pilot Cert. #: 2755398

Andrew Roy
Private Pilot Cert. #: 2755398



Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 23079



Hobbs: 964.2
FHM: 935.9
Total Time: 935.9
Date: 7/2/2015

S/N 691445 ETT: 935.9

Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone Labs oil sample. Cut open filter & inspected. No defects noted. Installed new filter P/N AA48108-2. Serviced w/ 7 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 48/80 #2) 64/80 #3) 66/80 #4) 62/80 #5) 68/80 #6) 67/80. Master orifice "41" per SB03-3. Borescoped cylinders. No defects noted. C/W TATI ICA's. C/W TATI SB12-02 by inspection. No defects noted. C/W TATI SB11-04 by inspection & cleaning. No defects noted. C/W TATI SB10-01 by inspection. No defects noted. C/W TATI SB10-02 Rev B by inspection. No defects noted. RH exhaust manifold repaired by CRS# NJ5R069N WO# 112282. Replaced master wastegate w/ overhauled unit (CRS# MAMR190K WO# 49374) P/N 470842-0004, S/N LIN00374. Replaced slave wastegate w/ new P/N 22-6150026. Replaced wastegate cable pulley bracket w/ new P/N 22-5600003. Replaced wastegate cable linkage pins w/ new P/N MS20392-1C25, MS20392-2C13. Engine driven fuel pump repaired by CRS# 1GPR022B on WO# 15-406. Washed engine. Ground run acft. Set up engine per TATI ICA's. Ops check normal & no leaks noted at this time. For further details see WO# 23079 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.


For: Air Care, Inc.
FAA Repair Station
AC0R030C

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 23128



Hobbs: 966.4
FHM: 938.0
Total Time:
Date: 8/6/2015

S/N 691445

Replaced slave wastegate with warranty exchange unit P/N 22-6150026. Ops check normal. For further details see WO# 23128 on file this station.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 23351



Hobbs: 1003.9
FHM: 975.5
Total Time: 975.5
Date: 8/5/2016

S/N 691445 ETT: 975.5

Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open filter & inspected. No defects noted. Installed new P/N AA48108-2. Serviced w/ 6 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 50/80 #2) 55/80 #3) 57/80 #4) 60/80 #5) 70/80 #6) 60/80. Master orifice "43" per SB03-3. Borescoped cylinders. No defects noted. C/W TATI ICA's. C/W TATI SI08-01 by cleaning breather/tailpipe tube. C/W TATI SB10-01 & SB12-02 by inspection. C/W TATI SB11-04 by cleaning & inspected turbo oil inlet screens. Cleaned #5 fuel injector nozzle. Replaced all nozzle o-rings & upper deck sheath washers. Replaced LH exhaust v-band clamp w/ new P/N 11-1100023. Replacement due NLT TT: 1425.5. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 23351 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 23576



Hobbs: 1050.1
FHM: 1021.8
Total Time: 1021.8
Date: 9/1/2017

S/N 691445 ETT: 1021.8

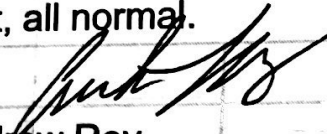
Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection program as a guide. Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open filter & inspected. No defects noted. Installed new P/N AA48108-2. Serviced w/ 7 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 53/80 #2) 66/80 #3) 70/80 #4) 74/80 #5) 70/80 #6) 69/80. Master orifice "44". Borescoped cylinders. No defects noted. C/W TAT ICA's. AD2016-16-02 N/A, no ECI cylinders installed. C/W TAT SB10-01, SB10-02 Rev B by inspection. No defects noted. C/W TAT SI08-01 by cleaning breather tube. C/W TAT SB12-02 by inspection & leak check. No defects noted. C/W TAT SB11-04 by inspection & cleaning of oil inlet screens. No defects noted. C/W TAT 10 year hose replacement by installing new hose kit P/N ETI-G3-8. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 23576 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

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

Date: 1/9/2018
 Hobbs: 1057.4
 Flight: 1029.1
 Reg#: N856SR
 Serial#: 2834

Replaced all (12) spark plugs with new Tempest part # URHB32E spark plugs. Ground test, all normal.


 Andrew Roy
 Private Pilot Cert. #: 2755398

Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 23764



Hobbs: 1060.4
 FHM: 1032.0
 Total Time: 1032.0
 Date: 10/10/2018

S/N 691445 ETT: 1032.0
 Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open filter & inspected. No defects noted. Installed new P/N CH48108-1. Serviced w/ 7 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 52/80 #2) 52/80 #3) 64/80 #4) 65/80 #5) 64/80 #6) 68/80. Master orifice "43". Borescoped cylinders. No defects noted. C/W TATI ICA's. C/W TATI SI08-01 by cleaning tailpipe breather tube. C/W TATI SI10-01 by inspection. No defects noted. C/W TATI SB12-02 by inspection/leak check. No defects noted. C/W TATI SB11-04 clean/inspect turbo oil inlet screens. No defects noted. C/W TATI SB10-02 Rev B by inspection. No defects noted. C/W TATI SI11-03 by inspection & repair as follows: replaced LH & RH wastegate support brackets w/ new P/N 22-6250000-5 and bolts w/ new P/N MS20005-25, MS21250-05020. Replaced #1 alternator gasket w/ new P/N 653981. Replaced fwd cam cover gasket w/ new P/N 653415. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 23764 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.


 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

Brought

Reg #: N856SR
 Model: Cirrus SR22
 Serial #: 2834
 Work Order #: 23892



Hobbs: 1078.8
 FHM: 1050.4
 Total Time: 1050.4
 Date: 11/1/2019

S/N 691445 ETT: 1050.4
 Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone SOAP sample. Cut open & inspected filter. No defects noted. Installed new P/N CH48108-1. Serviced w/ 7 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 50/80 #2) 57/80 #3) 56/80 #4) 67/80 #5) 61/80 #6) 62/80. Master orifice "40". Borescoped cylinders. No defects noted. C/W TATI ICA's. C/W TATI SI08-01 by cleaning tube. C/W TATI SI10-01 by inspection. No defects noted. C/W TATI SB12-02 by inspection. No defects noted. C/W TATI SB11-04 by cleaning & inspection screens. No defects noted. C/W TATI SB10-02 Rev B by inspection. No defects noted. C/W TATI SI11-03 by inspection. No defects noted. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see WO# 23892 on file this station. I certify that this engine has been inspected I/A/W a 100 hr inspection & is approved for return to service.

Timothy J. Roberts
 For: Air Care, Inc.
 FAA Repair Station
 ACOR030C

Reg #: N856SR
 Model: Cirrus SR22
 Serial #: 2834
 Work Order #: 23936



Hobbs: 1082.3
 FHM: 1054.0
 Total Time: 1054.0
 Date: 1/30/2020

S/N 691445 ETT: 1054.0
 Performed pre-buy evaluation. Evaluation does not constitute a full inspection. Changed oil and filter. Cut open and inspected filter. No defects noted. Installed new p/n CH48108-1. Serviced with 7 qts Aeroshell W100 and 1 pt Camguard. Checked compression: #1) 50/80, #2) 53/80, #3) 56/80, #4) 61/80, #5) 60/80, #6) 64/80. Master Orifice "40". Borescoped cylinders. No defects noted. Washed engine. Ground run acft. Ops check normal and no leaks noted at this time. For further details WO# 23936 on file this station.

Timothy J. Roberts
 For: Air Care, Inc.
 FAA Repair Station
 ACOR030C

ENGINE LOG

1-25-21



Engine Service and Maintenance Record

ions, Inspections, Airworthiness Directives, Special Inspections, ations and Service Bulletins

Make: **Cirrus**
Hobbs: **1090.2**

Eng. S/N: **691445**
Model: **IO-550-N**
Tach: **1061.8**
TTSMOH:

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 7 QT of 20/50 Phillips oil.
3. Cylinder compressions were taken hot as follows: 1: 46, 3: 72, 5: 64, 2: 58, 4: 68, 6: 62
4. Removed #1 cylinder, installed overhauled cylinder assy from PCS, WO# 21011
5. Cleaned crankcase vent at tail pipe

I certify this engine has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition.

Kevin Pierron, A&P 3343189IA

WWW.STEELAVIATION.COM

ENGINE MODEL:
ENGINE S/N:
REG. NO: 865SR
WORK ORDER:
9224-03-2021

CSA Aircraft Maintenance
4225 Airport RD
Ogden, UT 84405 USA
Phone: 801-392-9238

DATE: 3/3/2021
A/C TSN: 1086.5
ENG TT:
TSMOH:
TACH: 1086.5

Engine Entries

(2) ENGINE OIL DRAINED HOT. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NONE FOUND. NEW OIL FILTER P/N CH48108-1 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 8 QTS OF XC 20-50W OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY

Maintenance Release

The aircraft and/or component(s) on 865SR was repaired or inspected in accordance with current CFRs and rules of the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this maintenance shop under Work Order No. 9224-03-2021, Dated 3/3/2021.

DATE: 3/3/2021

SIGNED:

Scott Goodfellow, A&P: 3349690

Work Order: 9224-03-2021

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ENGINE MODEL:
ENGINE S/N:
REG. NO: 856SR
WORK ORDER:
9270-03-2021

CSA Aircraft Maintenance
4225 Airport RD
Ogden, UT 84405 USA
Phone: 801-392-9238

DATE: 3/26/2021
A/C TSN: 1096.7
ENG TT:
TSMOH:
TACH: 1096.7

Engine Entries

(1) #1 ALTERNATOR P/N ES-10024 S/N 1090055 REMOVED. INSTALLED NEW ALTERNATOR P/N ES-10024 S/N H-V030531 PER CONTINENTAL MOTORS M.M. STANDARD PRACTICE FOR SPARK IGNITED ENGINE M-O 10-4

Maintenance Release

The aircraft and/or component(s) on 856SR was repaired or inspected in accordance with current CFRs and rules of the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this maintenance shop under Work Order No. 9270-03-2021, Dated 3/26/2021.

DATE: 3/26/2021

SIGNED:

Jesse Champagne, A&P: 4289160

Work Order: 9270-03-2021

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Brought Forward →

ENGINE LOG



Date:	07/20/2022
Reg:	N856SR
Make:	CIRRUS
Hobbs:	1211.7
Eng Model:	IO-550N

S/N:	2834
Model:	SR22
Tach:	1183.3
Eng S/N:	691445
SMOH:	1183.3

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50M Phillips.
3. Checked compressions.
#1:71 3: 52 #5:60 #2:48 #4:68 #6:52.
4. R&R # 2,4,6,3,5cylinder assy, with O/H assy P/N.
- 5..R&R new drain back tube seals P/NSA632248
- 6.R&R induction air tube seals P/N06-02263.
- 7.R&R O/H LH turbo assy.P/N 646677 S/N H-oll00063.
8. R&R new mag filter P/N 04-6700015.
9. R&R New starter P/N PM2407 S/N H-W030733.
- 10.R&R NEW RTC#13588 turbo suport rod & bushings.
11. R&R LH heatshield P/N ETI-G2-20-22 MO 12411.
- 12.R&R RH & LH V band clamps p/N 4404C375-M.
13. R&R A/C drive bushngs P/N 1133089-4.
14. R&R A/C drive P/N 1133089-2.
15. R&R Prop Gov gasket P/NMS9144-01.
16. R&R bat cable boot P/n 11-03916.

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

A/P33043191/A Jeff Pleiman

Signed: _____