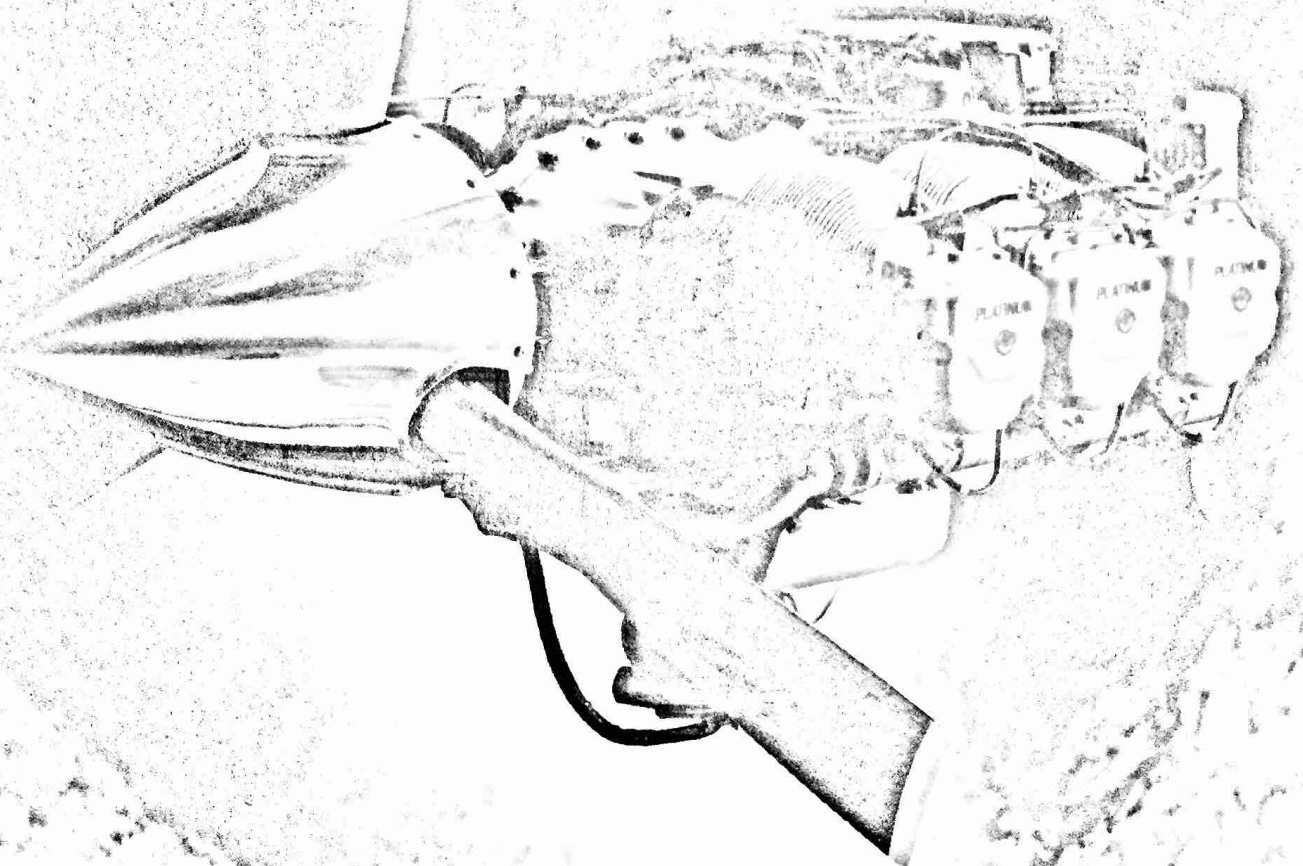


PLATINUM ENGINE LOG BOOK



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.

www.GenuineContinental.aero

Production Certificate 508

Printed: 02/10/2011

Test Date: 02/08/2011

This engine model I0550N61B, serial number 1004021 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

A handwritten signature in black ink, appearing to be "D. Williams", written over a horizontal line.

ENGINE MODEL:
IO-550-N-81
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
1744-05-2011

Advanced Aircraft Services

530 Airport Rd.
Littitz, PA 17543
Phone: 717-735-5179

DATE: 5/13/2011
A/C TSN: 23.7
ENG TT:
HOBBBS: 33.8

Engine Entries

Cirrus 25 hour inspection completed: Removed engine cowl and cleaned. Inspected spark plug leads for chaffing, corrosion, and deposits. Visually inspected air intake ducts and filter for general condition. Drained and cleaned gascolator, fuel filter, and bowl. Inspected exhaust system. Visually inspected breather tube for obstructions and security. Replenished brake fluid reservoir. Visually inspected engine compartment for loose nuts, bolts, screws, and parts. Inspected cylinder drains for clogging or restriction. Visually inspected magnetos and performed mag drop check. Cleaned spark plugs and fuel injectors. Compressions X/80.

1-78 2-77 3-78 4-78 5-78 6-78. Serviced tire pressures. Checked brakes. Run up and ops check good... Ran aircraft to operating temps. adjusted oil pressure to manufacture specs. Ops check good.... C/W SID 97-3E Fuel System Adjustment. All work completed in accordance with Cirrus AMM and TCM MM.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy, and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1744-05-2011, Dated 5/13/2011.

DATE: 5/13/2011

SIGNED

Richard A. Barnhart II, IA: 3124994A

Work Order: 1744-05-2011

Printed by EBIS 3 (datcomedia.com)



AVIATION SERVICES

469 Airport Road, Johnstown, PA 15904
Phone 814.361.3500 Fax 814.361.3498

Registration: N463TF

Hobbs: 78.8 Hours

W/O: 061107

Date: 6/13/11

ENGINE LOG ENTRY

Teledyne-Continental Model: IO-550-N, Serial Number: 1004021.

1. Drained oil and serviced with 6 quarts of Exxon Elite. Removed and replaced oil filter with a CH48108-1 IAW AMM 79-20-00, operational and leak check satisfactory.

I certify the previously described maintenance is airworthy and is approved for return to service. Further details are on file under the work order referenced above.

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 →					



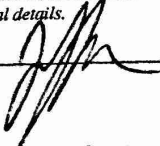
AVIATION SERVICES INC.

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Registration N463TF	Time: 115.0	W/O: 071109	Date: 7-18-2011
---------------------	-------------	-------------	-----------------

Serial 22-3758
TCM IO-550N SERIAL 1004021
CHANGED OIL AND FILTER SERVICED WITH EXXON 20W50 ELITE

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature:  Certificate: CRS # N64R483Y

ENGINE MODEL:
IO-550-N-81
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
1875-08-2011

Advanced Aircraft Services
530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 8/8/2011
A/C TSN: 181.8
ENG TT: 181.8
HOBBS: 199.5

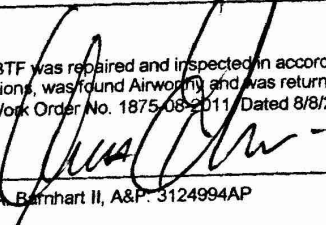
Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 7 qts of Exxon Elite 20/50W. Cut open filter and inspected, No contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1875-08-2011 Dated 8/8/2011.

DATE: 8/8/2011

SIGNED: 
Richard A. Barnhart II, A&P: 3124994AP

Work Order: 1875-08-2011

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3758
REG. NO: N463TF
WORK ORDER:
1875-08-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/8/2011
A/C TSN: 161.8
HOBS: 199.5

Airframe Entries

Replaced the MAP sensor, ops check good.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1875-08-2011, Dated 8/8/2011.

DATE: 8/8/2011

SIGNED: 

Work Order: 1875-08-2011

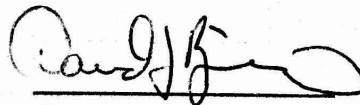
Richard A. Barnhart II, A&P-3124994AP

Printed by EBis 3 (datamedia.com)

8/23/11
ACTF:203.4
FHR:245.8

N463TF
Engine

Change oil and filter this date using 7Qts Etton 20W50 Elite and
CH48108-1 Filter. Runup and leak check OK. Cut open and Inspect filter OK
End-----



For Aero Innovations Inc.
David J. Ziegenfus
2024852661A

Date
 Brought Forward

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

Engine Service and Maintenance Record

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

ENGINE MODEL:
 IO-550-N-61
 ENGINE S/N: 1004021
 REG. NO: N463TF
 WORK ORDER:
 1765-05-2011

Advanced Aircraft Services

530 Airport Rd.
 Lititz, PA 17543
 Phone: 717-735-5179

DATE: 9/23/2011
 A/C TSN: 254.5
 ENG TT: 254.5
 HOBBS: 304.4

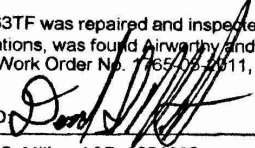
Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 7 qts of Exxon Elite 20W50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Compression checks completed. #1 76, #2 74, #3 71, #4 72, #5 74, #6 74

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1765-05-2011, Dated 9/23/2011.

DATE: 9/23/2011

SIGNED: 
 Derrick S. Miller, A&P: 3221608

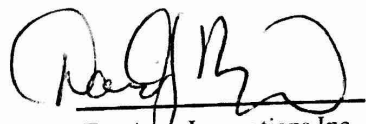
Work Order: 1765-05-2011

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10/21/11
 Hobbs: 379.1
 FLT: 307.1

N463TF
 Engine

Change oil and filter this date using 7Qts 20/50 Exxon Elite and new AA48108-2 Filter. Inspect filter OK. Runup and leak check OK. Retorque Rocker covers, Repair Ignition lead chafes with Ty- Raps. End-----


 For Aero Innovations Inc.
 David J. Ziegenfus
 302452661A

David J. Ziegenfus
202452661A

ENGINE MODEL:
ENGINE S/N:
REG. NO: N463TF
WORK ORDER:
07110-11-2011

US Flight Aircraft Maintenance

136 Tower Rd Hangar M
White Plains, NY 10604 USA
Phone: 914-288-8088

DATE: 18 November, 2011
A/C TSN:
ENG TT:
TSMOH:
FLIGHTTIME: 359.7

Engine Entries

(1) C/W OIL CHANGE SERVICE... Performed ground functional check of engine and related systems. Ran up engine to operating temperatures. Removed engine cowl, drained oil, and removed filter. Cut open filter and visually inspected for signs of metal, no metal found. Torque and secured new AA48108-2 filter, and serviced engine with 7Q of Exxon Elite 20w-50 oil. Reinstalled engine cowl and performed ground functional check of engine and related systems, all check ok, no leaks found. Aircraft airworthy.

The work performed has been approved for return to service.

DATE: 18 November, 2011

SIGNED:



Work Order: 07110-11-2011

Bernard Paquette, A&P: 445400374A

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N-61
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2050-12-2011

Advanced Aircraft Services

530 Airport Rd.
Litzitz, PA 17543
Phone: 717-735-5179

DATE: 1/6/2012
A/C TSN: 397.2
ENG TT: 397.2
HOBBS: 481.7

Engine Entries


Dressed prop blades.... Retorqued starter mounting nuts.... Removed fuel injectors, cleaned, installed fuel injectors.... Drained the engine oil and replaced filter, Serviced engine with 7 qts of Exxon Elite 20/50W. Cut open filter and inspected, No contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2050-12-2011, Dated 1/6/2012.

DATE: 1/6/2012

SIGNED:



Work Order: 2050-12-2011

Derrick S. Miller, A&P: 3221608

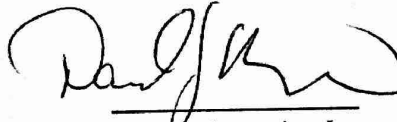
Printed by EBis 3 (datcomedia.com)

Brought Forward →

2/2/12
Tach: 462.4
Hobbs: 555.8

N463TF
Engine

Changed oil and filter this date using 7qts. Exxon Elite 20W50 oil and 1 Camgaurd. Installed new AA48108-2 Filter. Cut open and inspect filter OK. Runup and inspect filter OK. Runup and leak check OK at this time.
End-----



For Aero Innovations Inc.
David J. Ziegenfus
2024852661A

ENGINE MODEL:
IC-550-N-81
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2122-02-2012

Advanced Aircraft Services

530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 2/17/2012
A/C TSN: 492.3
ENG TT: 492.3
HOBBS: 588.6

Engine Entries

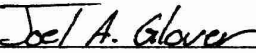
Removed and replaced the R/H mag. S/N off D11AA053. S/N installed D11LA031. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2122-02-2012, Dated 2/17/2012.

DATE: 2/17/2012

SIGNED:



Work Order: 2122-02-2012

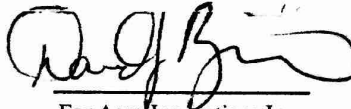
Joel A. Glover, IA: 2849196

Printed by EBis 3 (datcomedia.com)

3/2/12
Hobbs: 612.7
Flight: 513.7

N463TF
Engine

Changed oil filter this date using new AA48108-2 filter and 7Qts 20W50 Exxon Elite oil. Installed 6 oz. Camguard. Cut open and inspect filter OK. Runup and leak check OK. End-----



For Aero Innovations Inc.
David J. Ziegenfus
2024852661A

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 Log Entry

REG#	N463TF	MFG	TCM	MODEL	IO-550-N	S/N	1004021
WO#	120401	Hobbs	666.8	Flight	562.8		
DATE	04/3/12						

1. Drained Oil and changed Filter. Opened Filter and inspected for contamination, no contamination found. Serviced Engine with 8 Exxon 20W50. Test run good, no leaks.

Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature *[Signature]*
License # / Type PA0790880

4/18/12 N463TF
Flight: 609.9 Engine
Hobbs: 718.6

Change oil and filter this date using 7qts 20W50 Exxon oil and New CH48108-1 Filter. Cut open and inspect Filter OK. Install 10oz. Camguard. Runup and leak checks OK at this time. End-----

[Signature]

For Aero Innovations Inc.
David J. Ziegenfus
2024852661A

ENGINE MODEL:
O-550-N-61
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2102-02-2012

Advanced Aircraft Services

530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 5/8/2012
A/C TSN: 633.1
ENG TT: 633.1
HOBS: 744.7

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 71 2: 76 3: 76 4: 74 5: 75 6: 72. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Exxon Elite 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2012-09.... C/W AD 2012-03-06 Avstar Diaphragms, N/A, not installed.... C/W AD 2011-25-51 Starter adapter, N/A by date.... Removed and replaced the #1 fuel injector line clamp.... Removed and replaced the #1 alternator. Installed P/N: 656802 S/N: H-M030309. Ops and leak check good.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/8/2012

SIGNED:



Work Order: 2102-02-2012

Joel A. Glover, IA: 2849196

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N-61
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2282-06-2012

Advanced Aircraft Services

530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 7/20/2012
A/C TSN: 633.1
ENG TT: 633.1
HOBS: 744.7

Engine Entries

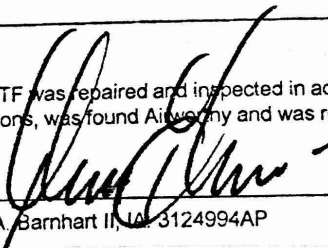
Checked mag timing. Adjusted mag timing on left mag.... Removed and replaced spark plugs.... Removed and replaced all 12 spark plug lead end springs.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/20/2012

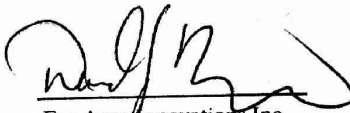
SIGNED:



Work Order: 2282-06-2012

Richard A. Barnhart II, IA: 3124994AP

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Hrs.	Min.	Last Overhaul		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
		Hrs.	Min.	
Brought Forward	→	6/15/12		N463TF Engine
		Hobbs:811.2		
		Flight:691.4		
<p>Change oil and filter this date using New CH48108-1 Filter and 6 qts. 20W50 Exxon Elite oil. Add 9.5 oz. Camguard. Retorque Rocker covers. Runup and leak checks OK at this time. End-----</p>				
				 For AeroInnovations Inc. David J. Ziegenfus 2024852661A

ENGINE MODEL: IO-550-N-81
 ENGINE S/N: 1004021
 REG. NO: N463TF
 WORK ORDER: 2282-06-2012

Advanced Aircraft Services

530 Airport Rd.
 Lritz, PA 17543
 Phone: 717-735-5179

DATE: 7/20/2012
 A/C TSN: 833.1
 ENG TT: 833.1
 HOBBS: 744.7

Engine Entries

Checked mag timing. Adjusted mag timing on left mag.... Drained the engine oil and replaced filter, Serviced engine with 7 qts of Exxon Elite 20W50. Cut open filter and inspected, No contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Removed and replaced spark plugs.... Removed and replaced all 12 spark plug lead end springs.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/20/2012

SIGNED: 
 Joel A. Glover, IA: 2849196

Work Order: 2282-06-2012
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO550N
 ENGINE S/N: 1004021
 REG. NO: 463TF
 WORK ORDER: 14896-08-2012

Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4514 Taylor Circle
 Duluth, MN 55811
 Phone: 218- 788-3438

DATE: 9/4/2012
 A/C TSN: 769.6
 ENG TT: 769.6
 HOBBS: 900.2

Engine Entries

(4) Adjusted magneto timing to 22 degrees BTC IAW TCM IO550 maintenance manual, M-16. Ops check good.
 (14) Adjusted idle mixture to achieve an idle mixture rise of 50 RPM and idle speed of 710 RPM IAW TCM SID97-3E. Ops check satisfactory.
 (19) (FLT TIME: 769.6 Hrs.) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter and Mag. plug, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-10

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 CRS YD5R855Y.

DATE: 9/4/2012

SIGNED: 
 Tim O'Reilly
 Certified Repair Station No. YD5R855Y

Work Order: 14896-08-2012
 Printed by EBis 3 (datcomedia.com)

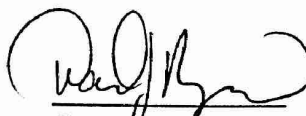
Brought Forward →

Modifications and Service Bulletins

10/9/12
Flight: 825.2
Hobbs: 961.5

N463TF
Engine

Change oil and filter this date using 6Qts 20w50 Exxon Elite and new AA48108-2 filter. Retorque starter bolts and rocker covers. Cut open and inspect filter ok. Runup and leak check OK. Oil Analysis taken at this time. End-----



For Aero Innovations Inc.
David J. Ziegenfus
36421891A

Uniflight West Penn, LLC
627 Airport Road
Belle Vernon Pa. 15012
CRS: 3UWR890B

Registration: N463TF Serial #: 3758 Make: Cirrus Model: SR22
Hobbs: 998.7 Flight Hours: 857.6

Maintenance Performed:

1) Removed unserviceable starter pn - 657596, sn - 4C3-491006. Installed customer supplied new starter pn - 657596, sn - 4C3-061259. Ops check found satisfactory. Work performed as per Continental IO - 550N mm chapter 17-7, Revision date 31 August 2011.

For a more detailed description of work performed refer to Uniflight West Penn Work Order # 40146 dated: 06-November-2012.

This Aircraft has been returned to service in accordance with United States Title 14 CFR 43.9 and / or 43.11. Uniflight West Penn certifies that the work specified was carried out in accordance with all applicable Federal Aviation Regulations in respect to the work performed and the aircraft is approved for return to service.

Uniflight West Penn, LLC
627 Airport Road
Belle Vernon Pa. 15012
CRS# 3UWR890B

Signature



11/15/12
Hobbs: 1018.6
Flight: 874.8

N463TF
Engine

Change oil and filter this date using 6 Qts. 20W50 Aeroshell Elite, 9.5oz. Camguard, and new AA48108-2 filter. Cut open and inspect filter OK. Oil Analysis taken at this time. Runup and leak check OK. End-----



For Aero Innovations Inc.
David J. Ziegenfus
36421891A

Hobbs: 1066.9 Engine
Flight: 917.4

Change oil and filter this date using 6.5 Qts 20W50 Exxon Elite and New AA48108-2 Filter. Cut open and inspect filter OK. Runup and leak check OK at this time. End-----



For Aero Innovations Inc.
David J. Ziegenfus
36421891A

ENGINE MODEL:
IO-550-N-61
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2592-11-2012

Advanced Aircraft Services

530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5179

DATE: 12/18/2012
A/C TSN: 941
ENG TT: 941
HOBBS: 1093

Engine Entries

Removed and replaced the left magneto to engine gasket. leak check good.... Removed, cleaned, and installed all injectors ... Cleaned and tested all spark plugs. ops check good.... Checked magneto timing and set to 22 degrees BTDC .. Removed and replaced the starter adaptor. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N463TF was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations; was found Airworthy and was returned to service.

DATE: 12/18/2012

SIGNED:

Work Order: 2592-11-2012

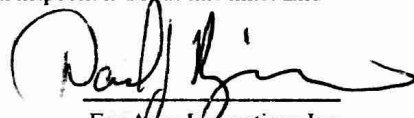
Jonathan T. Milby, A&P: 3477163AP

Printed by EBis 3 (datcomedia.com)

1/15/13
Hobbs: 1124.5
Flight: 968.7

N463TF
Engine

Change oil and filter this date using 6Qts 20W50 Exxon Elite, 9oz. Camguard and New CH48108-2 Filter. Cut open and inspect filter OK. Runup and leak check OK at this time. Visual inspection OK at this time. End-----

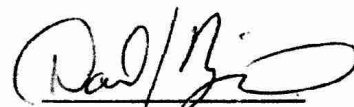


For Aero Innovations Inc.
David J. Ziegenfus
36421891A

2/5/13
Hobbs: 1169.5
Flight: 1009.2

N463TF
Engine

Change oil and filter this date using 6Qts Exxon Elite 20W50 oil and 9oz. Camguard. Install New CH48108-2 Filter. Runup and leak check ok at this time. Cut open and inspect filter OK. End-----



For Aero Innovations Inc.

Brought Forward →

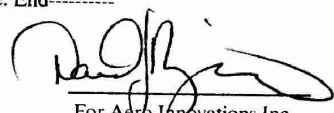
Hrs. Min. Hrs. Min.

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

2/26/13
Hobbs: 1223.8
Flight: 1058.5

N463TF
Engine

Change oil and filter this date using 6qts 20W50 Exxon Elite and new AA48108 filter. Add 2 oz. Camguard. Visual inspect engine and exhaust OK at this time. Oil analysis taken at this time. Cut open and inspect filter OK. Runup and leak check OK at this time. End-----

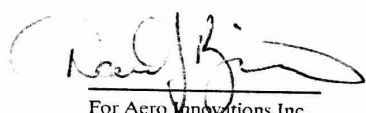


For Aero Innovations Inc.
David J. Ziegenfus
2024852661A

3/22/13
Hobbs: 1280.8
Flight: 1108.7

N463TF
Engine

Changed oil and filter this date using 6qts Exxon 20W50 Elite and 9oz. camguard and AA48108-2 Filter. Visual Inspect Engine OK at this time. Cut open and inspect filter OK. Runup and leak check OK at this time. End-----



For Aero Innovations Inc.
David J. Ziegenfus
36421891A

4/15/13
Hobbs: 1337.8
Flight: 1160.4

N463TF
Engine

Change oil and filter this date using 7Qts 20W50 Exxon Elite, 2oz. Camguard and new AA48108-2 Filter. Cut open and inspect filter OK. Runup and leak check OK at this time. End-----



For Aero Innovations Inc.
David J. Ziegenfus
36421891A

forward

MAKE: Cirrus
MODEL: SR22
S/N: 3758
REG. NO: N463TF
WORK ORDER:
2837-04-2013

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/4/2013
A/C TSN: 1183.6
HOBBS: 1363.9

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 03/2017. All AD's current thru 2013-08. Ops check good.... Repaired the L/H wing tip paint by sanding, filling, priming, and painting the wing tip. Removed and replaced the wing tip decal.... Removed and installed both the L/H muffler and R/H muffler/heat exchanger for repair at Dawley Aviation under Invoice 48062.... Removed and replaced both wing walks.... SB 2X-27-16 R2 Flap Actuator Mod, PCW.... C/W SB 2X-28-11 R1 Fuel Line Replacement.... Removed and replaced all wheel bearings and races.... Rotated the MLG tires on their rims.... C/W SB 2X-57-13 R2 MLG Bracket Retorque.... Removed and replaced the A/C drive belt tension turnbuckle.... Adjusted the #1 header collector bolt tension.... Repaired the #4 collector bolt bracket.... Removed and replaced the NLG strut fairing seal.... Removed and replaced a rivet on the rudder trim tab.... Removed and replaced the right wingroot fairing no step sticker.... Adjusted the prop de-ice tube for the second groove on the propeller boot.... Removed and replaced the cowl seal as required.... Retorqued both L/H and R/H aileron actuation brackets.... C/W Airwolf ICA's.... Removed and replaced the MLG fairing hardware.... Removed rocket from airframe. Re-torqued the 3 nylon screws holding rocket to launch tube. Reinstalled rocket to airframe.... Secured interior door panels to the door structure.... Cleaned, lubed and adjusted the copilots door latches.... Removed and replaced both MLG brake discs and all 8 linings.

I certify that this AIRFRAME has been inspected JAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/4/2013

SIGNED:

Work Order: 2837-04-2013

Joel A. Glover, IA: 2849196AP

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N-61
ENGINE S/N: 1004021
REG. NO: N463TF
WORK ORDER:
2837-04-2013

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/4/2013
A/C TSN: 1183.6
ENG TT: 1183.6
HOBBS: 1363.9

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 74 2: 71 3: 72 4: 73 5: 72 6: 74. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Exxon Elite 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2013-08.... AD 2012-10-13 Starter Adapter, N/A by P/N.... SA12-03 Lock Plate Inspection, N/A by ESN.... Removed and replaced the #1 fuel injector line clamp.... Removed and replaced the #2 alternator belt.... Retorqued all valve cover gasket screws.... Removed and replaced all ignition lead springs.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/4/2013

SIGNED:

Work Order: 2837-04-2013

Joel A. Glover, IA: 2849196AP

Printed by EBis 3 (datcomedia.com)

PROP MODEL:
PHC-J3Y1F-1N
PROP S/N: FP7712B
REG. NO: N463TF
WORK ORDER:
2837-04-2013

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 5/4/2013
A/C TSN: 1183.6
PROP TT: 1183.6
HOBBS: 1363.9

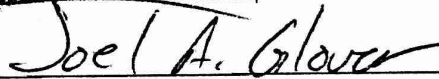
Prop Entries

Cirrus Propeller Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Cleaned and dressed blades. Serviced hub. All ADs current through 2013-08. Ops check good.

I certify that this PROPELLER has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/4/2013

SIGNED:



Work Order: 2837-04-2013

Joel A. Glover, IA: 2849196AP

Printed by EBis 3 (datcomedia.com)

5/24/13

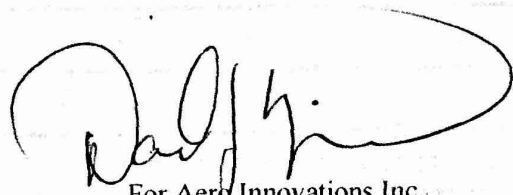
N463TF

Hobbs: 1413.7

Engine

Flight: 1229.2

Change oil and filter this date using 7qts 20W50 Exxon Elite and new AA48108-2 Filter. Cut open and inspect Filter OK. Runup and leak check OK. Oil analysis taken at this time. End-----

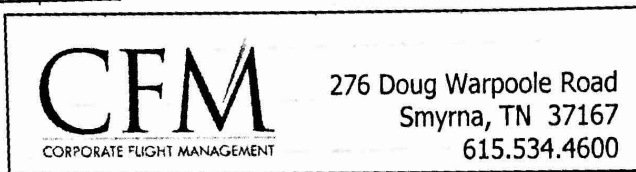


For Aero Innovations Inc.

David J. Ziegenfus

36421891A

MODEL: SR22
S/N: 3758
REG. No: N463TF



DATE: 9/12/2013
HOBBS: 1646.3
TACH: 1438.0

Engine S/N 1004021

Maintenance Accomplished:

-Performed Oil Change IAW AMM 12-00. Drained oil and removed oil filter, cut open filter, no metal particles found. Serviced with 7 quarts of EXXON Elite 20w-50 and 1 quart of Camguard and oil filter AA48108-2. Run up performed, no leak noted at this time.

The engine identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No **CIR321**.

Signed: *[Signature]*

For: **Corporate Flight Management, Inc.**

Certified Repair Station

FJTR920D

Form CFM 007

Engine Service and Maintenance Record

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

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

Brought Forward

N463TF **Hobbs 1940.3**
Date 06/14/2014 **Flt. Hobbs 1696.0**

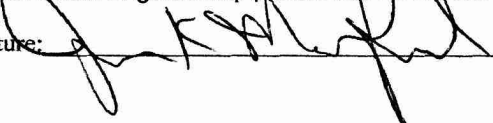
Changed oil and filter using 7qt. of 20W50 Exxon Elite and Cam guard run up ops leak ok. *Cut Filter & Inspected OK*

Ken Beck Pilot and owner Cert. 3066034



N#:463TF **VA Virginia** FAA REPAIR STA.
 WO#: V14-1243 **Aviation** #RSUR804H
 DATE: 7/10/2014 VARS-115
 Hobbs: 1942.3 FLT Hobbs: 1698.2

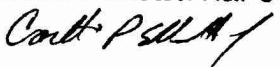
Disassembled the engine induction system to gain access to the magnetos. Removed L/H magneto PN# 10-500556-1 SN# D11AA062 and R/H magneto PN# 10-500556-1 SN# D11LA031 for 500 hour inspection. See CRS# T7KR187Y WO# T3414 for repair details. Reinstalled inspected L/H & R/H magnetos i/a/w TCM EMM 6-3.9.1. Replaced the engine induction tubes. Engine runup performed. No defects noted.

END.
 Signature: 

Please affix to your aircraft/engine logbook.

N463TF **Hobbs 1976.1**
08/04/2014 **Flt Hobbs 1726.6**

Inspected engine for rough running magneto tested plugs and harness and found the harness lead on the right magneto for the #2 cylinder to be faulty. Removed and replaced the magneto harnesses P/N 10-423674-19 I/A/W the Teledyne Continental O/H manual and the Cirrus AMM . Performed operations check. Ops checked good this aircraft is ok for return to service at this date in time.

Carlton P Elliott Jr A&P 3404417 IA


FREEDOM
AVIATION

(434) 237-3342
CRS# BGSR439C

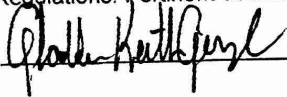
Date: 6/04/2015; Aircraft: N463TF; Type: Cirrus SR-22; S/N: 3758; AFTT: 1800.2; HOBBS: 2059.7,
WO#: F15-1400; Engine Model: IO-550-N-61; S/N: 1004021; Engine TSN: 1800.2

Engine Entries

Complied with annual inspection on engine IAW Cirrus SR-22 AMM 05-20. Drained oil and removed filter. No metal found in removed filter. Installed new filter PN# CH48109-1. Serviced with 7 quarts of Exxon Elite 20W-50 oil. Cleaned and gapped plugs. Engine compressions are #1 62, #2 72, #3 56, #4 72, #5 68, #6 72/80. Ran aircraft. No leaks noted. Oil leaking around cover plate on lower forward engine case, Removed and installed a new P/N 654828 gasket IAW TCM IO-550 OH MM 74-20-00. Engine run up for leak and operational check, no defects observed.

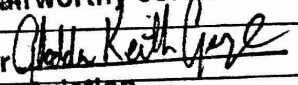
Maintenance Release

The aircraft and/or component(s) as listed above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station.



Gladden Keith George CRS#: BGSR439C

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

Inspector 
Freedom Aviation,
Repair Station #BGSR439C

Engine Service and Maintenance Record

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

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

Brought Forward →

N463TF

Date 11/28/15

Hobbs 2105.4

Ft. Hobbs 1840.2

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

+ Conguard

Ken Beck Pilot and owner Cert. 3066034

[Signature]

N463TF

Date 1/25/16

Hobbs 2147.1

Ft. Hobbs 1881.1

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

+ Conguard

Ken Beck Pilot and owner Cert. 3066034

[Signature]

N463TF

Date 4/28/16

Hobbs 2200.1

Ft. Hobbs 1920.2

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

+ Conguard

Ken Beck Pilot and owner Cert. 3066034

[Signature]

N463TF

Date 6/5/16

Hobbs 2244.5

Ft. Hobbs 1963.4

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

Ken Beck Pilot and owner Cert. 3066034

[Signature]

Date



Freedom Aviation
310 Hangar Road
Lynchburg, VA 24502
(434) 237-3342

CRS# BGSR439C

Date: 07-08-16 Aircraft: N463TF Type: Cirrus SR22 S/N 3758; Hobbs:2252.6 TAT 1970.1
WO#: F16-1784

Engine Model: IO-550-N S/N 1004021 TAT 2252.6

Engine Entries

Complied with Annual Inspection of the Engine IAW Cirrus SR22 AMM 5-20.
Performed Engine Compression #1 64/80 #2 62/80 #3 56/80 #4 56/80 #5 56/80 #6
68/80 Master Orfice 42. Removed old Induction air Filter, and Installed a new filter
P/N BA-24 IAW Bracket Document I-194. Multiple Tempest URHB38S Spark plugs
failed, unable to gab seven spark plugs within tolerance because of brittleness.
Replaced all spark plugs upon owner request. Installed twelves (12) new spark
plugs (PN: URHB38S) IAW Continental IO-550-N MM 6-3.9.2 Aircraft Engine TCM
P/N IO-550-N S/N 1004021 has reach the TBO Time of 2000 Hrs.
Owner Is aware of the time on engine, and decline to overhaul at this time & date.

Maintenance Release

The aircraft and/or component(s) as listed above was repaired in accordance with current Federal Aviation
Regulations. Pertinent details are on file at this repair station.


Matthew L Meeks CRS# BGSR439C

Time Record
Special Inspections,

Brought Forward

N463TF

Date 9/19/16

Hobbs 2295.2

Flt. Hobbs 2006.2

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

Ken Beck Pilot and owner Cert. 3066034



N463TF

Date 12/13/16

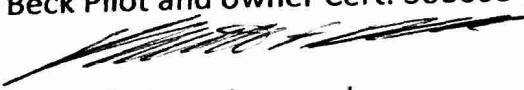
Hobbs 2342.0

Flt. Hobbs 2047.4

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

+ Camjerald

Ken Beck Pilot and owner Cert. 3066034



N463TF

Date 6/2/17

Hobbs 2381.6

Flt. Hobbs 2081.5

Changed oil and filter using 7qt. of 20W50 Exxon Elite and one CH48109-2 Filter. Cut filter and inspected for metal none found ground runs performed and leak checked ok.

Ken Beck Pilot and owner Cert. 3066034

