

# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE COMPLETED
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MAKE Cirrus  
MODEL SR22T-FIKI  
S/N 22T-0112  
REG. NO. 343TX  
WORK ORDER  
14157-03-2011



## Cirrus Design Factory Service Center

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

DATE: 4/2/2011  
A/C TSN: 12.4  
HOBBS: 17.3

### Airframe Entries

(2) Painted and buffed out blend line on L/H upper wing skin iAW AMM chapter 51-20

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: 4/2/2011

SIGNED:

Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 14157-03-2011

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ENGINE MODEL:  
TSIO-550-K(1)  
ENGINE S/N: 1004062  
REG. NO. N343TX  
WORK ORDER: 113198

### Clear Star Aviation

Repair Station No. 5CSR009B  
4765 Frank Luke Dr  
Addison, Texas 75001  
Phone: 972-267-2376

DATE: 4/8/2011  
A/C TSN: 19.6  
ENG TT: 19.6  
FLIGHTTIME: 19.6

### Engine Entries

Adjusted the engine takeoff fuel flow setting.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/8/2011



SIGNED:

Daw, Isaiah  
Certified Repair Station No. 5CSR009B

Work Order: 113198

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# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL SR22T S/N: 0112 REG. NO. N343TX WORK ORDER: 113234	<b>Clear Star Aviation</b> Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 5/11/2011 A/C TSN: 25.3 FLIGHTTIME: 25.3
	<b>Airframe Entries</b>		
	Replaced both door decals, installed L/H nose wheel pant decal, installed R/H wing tip decal. Installed small sections of clear tape to the forward sections of the installed decals to prevent future peeling. Adjusted pilot's door trim and spliced in small sections of the perimeter door edge seal as required. Adjusted pilot's door upper striker pin		
	Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.		
	DATE: 5/11/2011	SIGNED: 	Work Order: 113234
		Daw, Isaiah Certified Repair Station No. 5CSR009B	Printed by EBis 3 (datcomedia.com)
	ENGINE MODEL: TSIO-550-K(1) ENGINE S/N: 1004062 REG. NO: N343TX WORK ORDER: 113234	<b>Clear Star Aviation</b> Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 5/11/2011 A/C TSN: 25.3 ENG TT: 25.3 FLIGHTTIME: 25.3
	<b>Engine Entries</b>		
	Performed 25HR inspection in accordance with TCM maintenance manual. Cleaned the fuel injectors. The oil and filter was changed and serviced with 8 quarts of AeroShell W100 and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ.		
	Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.		
	DATE: 5/11/2011	SIGNED: 	Work Order: 113234
		Daw, Isaiah Certified Repair Station No. 5CSR009B	Printed by EBis 3 (datcomedia.com)

# MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
			<p>MARK: C-440S MODEL: SR72T S/N: 0112 REG NO: N343TX WORK ORDER: 113406</p> <p style="text-align: center;"><b>Clear Star Aviation</b></p> <p>Repair Station No: 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376</p> <p><b>Airframe Entries</b></p> <p>Replaced all the fuel dials P/N 18484-501..Installed fuel quantity indicator P/N 13557-003 S/N 0237 after repair performed by Air Dallas Instruments, see work order 65443 dated 10/12/2010. Performed fuel indicator calibration..Adjusted the L/H crew door lower striker pin.</p> <p>Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.</p>	<p>DATE: 9/23/2011 A/C TSN: 34.9 FLIGHTTIME: 34.9</p>
			<p>DATE: 9/23/2011</p> <p>SIGNED: <i>Isaiah Daw</i></p> <p>Daw, Isaiah Certified Repair Station No: 5CSR009B</p> <p style="text-align: right;">Work Order: 113406 Printed by EBis 3 (datcomedia.com)</p>	
			<p>ENGINE MODEL: TSIO 550-K(1) ENGINE S/N: 1004062 REG NO: N343TX WORK ORDER: 113535</p> <p style="text-align: center;"><b>Clear Star Aviation</b></p> <p>Repair Station No: 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376</p> <p><b>Engine Entries</b></p> <p>Performed fuel system set up..Complied with AD 2011-25-51 by installation of new starter drive adapter P/N 6420R5A19</p> <p>Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.</p>	<p>DATE: 11/30/2011 A/C TSN: 38.3 ENG TT: 38.3 FLIGHTTIME: 38.3</p>
			<p>DATE: 11/30/2011</p> <p>SIGNED: <i>Isaiah Daw</i></p> <p>Daw, Isaiah Certified Repair Station No: 5CSR009B</p> <p style="text-align: right;">Work Order: 113535 Printed by EBis 3 (datcomedia.com)</p>	

# MAINTENANCE RECORD



McGregor Executive Airport  
355 McGregor Airport Road  
McGregor, TX 76657  
Phone: 254-848-2345  
Fax: 254-848-2555

N#:	<u>N343TX</u>	Make:	<u>Cirrus</u>
H/M:	<u>47.6</u>	Model:	<u>SR22T</u>
Date:	<u>5-7-12</u>	S/N:	<u>0112</u>

**Tach: 47.6**

Performed an **Annual Inspection** as required by **FAR 91.409** in accordance with the Cirrus SR22 series service manual, and **FAR 43 Appendix D**. Accomplished the following items:

- 1) Inspected ELT in accordance with FAR 91.207d, no defects noted. ELT battery replaced now expires FEB 2017.

I certify that this aircraft was inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

(Authorized Signature)

for CRS# U9RR733J

Details of the work performed are on file at this station, reference Work Order #: AA12-0360





# MAINTENANCE RECORD F.A.R. 43.9



McGregor Executive Airport  
355 McGregor Airport Road  
McGregor, TX 76657  
Phone: 254-848-2345  
Fax: 254-848-2555

N#: N343TX      Make: Cirrus  
H/M: 47.6      Model: SR22T  
Date: 5-7-12      S/N: 0112

## TSMOH: 47.6

Performed an **Annual Inspection** as required by **FAR 91.409** in accordance with the Cirrus SR22 service manual, and **FAR 43 Appendix D**. Accomplished the following items:

- 1) Compressions check results: 1) 72/80, 2) 76/80, 3) 70/80, 4) 74/80, 5) 71/80 and 6) 75/80.
- 2) Drained oil and serviced engine with 8 quarts of Aeroshell 100W. Replaced oil filter with new CH48108-1. Leak check satisfactory.
- 3) Complied with SB 2X-71-18 R2.
- 4) Complied with SB 2X-71-19 R1.
- 5) Complied with SB 2X-71-20.

Performed an engine ground run for operational and leak checks, including to full power, no defects noted. I certify that this engine was inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

(Authorized Signature)

for CRS# U9RR733J

Details of the work performed are on file at this station, reference Work Order #: AA12-0360



2-21-13	#2 AH. changed.	log back out of sequence	
	look at 7-13-13 for log entry	Carl Fung	
	AA13-0024		







Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX November 07, 2014 HOBBS. 410.3  
Tach: 239.0 FLIGHT TIME: 339.2

WORK ORDER #14-118  
ENGINF PAGE ONE OF ONE

Drained oil. Took sample for Aviation Laboratories (results on file).  
Replaced Oil filter P/N CH48108-1. Cut and inspected old filter.  
Serviced with 8 quarts of AeroShell W 100 oil. Ground ran Engine  
& no leaks noted. All work accomplished in accordance with Cirrus  
maintenance manual P/N 13773-001 Chapter 12-10 Page 7.8 & 9  
Section B Items 1,2,3 & 4.

ENGINE is approved for return to service. Approval for return to  
service is only for work documented herein.

Mark A. Smith A&P 3563543

ENGINE MODEL:  
TSIO-550-K(1)  
ENGINE S/N: 1004062  
REG. NO: N343TX  
WORK ORDER: 115009



**Clear Star Aviation**  
4765 Frank Luke Dr  
Addison, TX 75001  
Phone: 972-267-2376

DATE: 3/20/2015  
A/C TSN: 354.8  
ENG TT: 354.8  
FLIGHTTIME: 354.8

**Engine Entries**

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30..The cylinder compression was checked with the following results: #1, 64/80 #2, 70/80 #3, 72/80 #4, 64/80 #5, 66/80 #6, 70/80 psi. Master orifice 43/80..The oil and filter was changed and serviced with 8 quarts of AeroShell W100+ and a new AA48108-2 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ..Replaced boost pump p/n 11839-002S s/n 5545. Replaced #1 alternator p/n 656802 with new #1 alternator p/n 656802 s/n H-O100692. Installed 2 new intake filters..Installed new Spinner baffle..Lubricated throttle cable and checked routing..Adjusted idle and idle mixture..Replaced All rocker cover gaskets..Installed Prop Governor upper adjust fitting with Tight seal..Installed new crankshaft seal..Installed new magneto pressure filter P/N 653386. Cleaned the fuel injector nozzles and reinstalled using new seals as required..R&R both magnetos due to failure of mag check. Leads and timing check good. Removed LH mag P/N 10-500556-101 S/N D11AA046 and installed P/N 10-500556-101 and S/N D15AA046. Removed RH mag P/N 10-500556-101 and S/N D11AA031 and installed P/N 10-500556-101 S/N D11AA044. Ops check ok.

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

DATE: 3/20/2015

SIGNED:

Work Order: 115009

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**MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton Kansas**

06-08-15 N343TX, Cirrus SR22T, SN 0112

TCM TSIO-550-K1B, S/N 1004062

Hobbs: 486.1 hrs Flight Hrs: 404.8

Changed oil and filter P/N CH48108-1, serviced with 8 qts AeroShell 50w100. Old oil filter cut open and inspected for contaminants, none noted. Oil sample taken and sent to Aviation Laboratories. Ground ran engine and no leaks noted.

Michael S. Ammerman A&P 2205775

# Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX      September 25, 2015      HOBBS: 544.9  
FLIGHT TIME: 457.3

WORK ORDER #15-149  
ENGINE PAGE ONE OF ONE

Drained oil. Took sample for Aviation Laboratories (results on file). Replaced Oil filter P/N CH48108-1. Cut and inspected old filter. Serviced with 8 quarts of Aeroshell W 100 oil. Ground ran Engine & no leaks noted. All work accomplished in accordance with Cirrus maintenance manual P/N 13773-001 Chapter 12-10 Page 7,8 & 9 Section B Items 1,2,3 & 4.

ENGINE is approved for return to service. Approval for return to service is only for work documented herein.

*[Signature]*  
Mark A. Smith      A&P 3563543



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **11-10-2015**  
Work Order: **S8157**  
N343TX S/N 22T-0112  
Hobbs: **586.5**  
Flight: **494.3**



Complied with SA15-04R1 by complying with CMI CSB15-7, replacement of the oil cooler cross fitting with new P/N 658607 as required by this service documents and P/N AN915-1J / 45 degree fitting replaced. Complied with SB2X-71-27R1 Alternate Air Box bracket inspection by installing Kit 70518-001 spacer P/N 27075-001 with (2) new MS90725-36 screws. All work was performed with ref. to applicable sections of Cirrus SR22/22T A.M.M. Rev. B5 & CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014) and was ground checked for operation, security and leakage; found satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *[Signature]*  
Chad J. Koehn / CRS Release Authority


# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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McGregor Executive Airport  
355 McGregor Airport Road  
McGregor, TX 76657  
Phone: 254-848-2345  
Fax: 254-848-2555

N#:	N343TX	Make:	Cirrus
H/M:	107.0	Model:	SR22T
Date:	7-3-13	S/N:	0112

**TSMOH: 77.8**

Performed an **Annual Inspection** as required by **FAR 91.409** in accordance with the Cirrus SR22 service manual, and **FAR 43 Appendix D**. Accomplished the following items:

- 1) Compressions check results: 1) 72/80, 2) 77/80, 3) 73/80, 4) 76/80, 5) 73/80 and 6) 74/80.
- 2) Drained oil and serviced engine with 8 quarts of Aeroshell 100W. Replaced oil filter with new CH48108-1. Leak check satisfactory.
- 3) Complied with SB 2X-71-22.
- 4) Complied with SB 2X-79-01.
- 5) Rigged engine max RPM fuel flow to within limits IAW Cirrus SR22T AMM rev B4 dated 1 Feb. 2013. Performed engine ground maintenance run up, no defects noted.

Performed an engine ground run for operational and leak checks, including to full power, no defects noted. I certify that this engine was inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

Carl Flores

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(Authorized Signature)

for CRS# U9RR733J

Details of the work performed are on file at this station, reference Work Order #: AA13-0080











Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX June 20, 2016 HOBBS: 668.7  
Tach: 566.6 FLIGHT TIME: 566.6

WORK ORDER #16-042  
ENGINE PAGE ONE OF ONE

Drained oil. Took sample for Aviation Laboratories (results on file).  
Replaced Oil filter P/N CH48108-1. Cut and inspected old filter.  
Serviced with 8 quarts of Aeroshell W 100 oil. Ground ran Engine  
& no leaks noted.

ENGINE is approved for return to service. Approval for return to  
service is only for work documented herein.

Mark A. Smith A&P 3563543

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Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX October 19, 2016 HOBBS: 735.2  
FLIGHT HOBBS: 626.3

WORK ORDER #16-077  
ENGINE PAGE ONE OF ONE

Drained oil. Took sample for Aviation Laboratories (results on file).  
Replaced filter P/N CH48108-1. Cut and inspected old filter.  
Serviced with 8 qts Aeroshell 100W. Leak check: good.

All work accomplished in accordance with Continental IO-550  
maintenance manuals.

ENGINE is approved for return to service. Approval for return to  
service is only for work documented herein.

Mark A. Holloway A & P/IA 3029868



Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX November 23, 2016 HOBBS: 776.9  
FLIGHT HOBBS: 663.2

WORK ORDER #16-085  
ENGINE PAGE ONE OF ONE

Troubleshoot left magneto, Removed left magneto P/N: 10-500556-  
101, S/N: D15AA046. Installed overhauled magneto P/N: 10-  
500556-101, S/N: E-09279, using new gasket P/N: 649950. Timed  
magneto to engine. Op's and Leak check good.

All work accomplished in accordance with Continental IO-550  
maintenance manuals.

ENGINE is approved for return to service. Approval for return to  
service is only for work documented herein.

Mark A. Holloway A & P/IA 3029868



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: 12-06-2016  
Work Order: S8357  
N383TX S/N 22T-0112  
Hobbs Meter: 793.5  
Flight Meter: 677.8  
TTAF: 677.8

ENGINE LOG  
Eng. S/N: 1004062



Drained engine oil after pre-run and collected sample for lab analysis. Removed and inspected oil filter element; no discrepancies noted at this time.  
Serviced engine with 7 quarts of Aeroshell 100W and one CH48108-1 filter.

All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B6 and CMI TSIO-550-B, C, E, G, K and N Permod  
series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature:   
Chad J. Koehn / CRS Release Authority

Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				

forward →



Michels Aviation  
1280 Airport Blvd  
Mesquite, TX 75181-1337  
(972) 222-8128

N343TX January 25, 2017 HOBBS: 816.7  
FLIGHT HOBBS: 697.4

WORK ORDER #17-011  
ENGINE PAGE ONE OF ONE

Troubleshoot right magneto, Removed right magneto P/N 10-500556-101, S/N: D15HA128. Installed overhauled magneto P/N 10-500556-101R, S/N: E-12014, using new gasket P/N: 649950. Timed magneto to engine. Op's and Leak check good.

All work accomplished in accordance with Continental IO-550 maintenance manuals.

ENGINE is approved for return to service. Approval for return to service is only for work documented herein.

*[Signature]*  
Mark A. Holloway A & P/IA 3029868



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **03-08-2017**  
Work Order: **S8390**  
N343TX S/N 22T-0112  
Hobbs Meter: **840.1**  
Flight Meter: **718.2**  
TTAF: **718.2**

**ENGINE LOG**  
Eng. S/N: 1004062

Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with ref. to the Cirrus SR22 / 22T A.M.M. Rev. B6, Chapter 5. Performed differential compression test. Results were as follows: #1 64/80, #2 52/80, #3 54/80, #4 56/80, #5 64/80, #6 58/80 - M/O 46/80. Drained engine oil after pre-run and collected sample for lab analysis. Removed and inspected oil filter element; no discrepancies noted at this time. Serviced engine with 7 quarts of Aeroshell W100 and one CH48108-1 filter. Complied with SB2X-28-12R1 electric fuel pump check. Manifold deck pressure checked after replacement of skeet hose found with hole in it P/N 6-528. Replaced #4 cylinder coil spring to spark plug lead, P/N M2929. Replaced 12 spark plugs P/N RHB32E.

- All applicable AD's have been complied with at this time.
- All applicable mandatory SB's have been complied with at this time.

C/W SB16-08 Exhaust Manifold CMI SB.  
All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B6 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I certify that this Engine (TSIO-550-K1B, S/N 1004062) has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *[Signature]*  
Chad J. Koehn / CRS Release Authority



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **10-02-2017**  
Work Order: **S8538**  
N343TX S/N 22T-0112  
Hobbs Meter: **960.3**  
Flight Meter: **823.3**  
TTAF: **823.3**

**ENGINE LOG**  
Eng. S/N: 1004062

Drained engine oil after pre-run and collected sample for lab analysis. Removed and inspected oil filter element; no discrepancies noted at this time. Serviced engine with 7 quarts of Aeroshell 100W and one CH48108-1 filter. Adjusted Fuel Flow up from 38.4 to 39.5

All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B6 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *[Signature]*  
Chad J. Koehn / CRS Release Authority



# Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Cal



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **03-14-2018**  
Work Order: **S8623**  
N343TX S/N 22T-0112  
Hobbs Meter **1010.3**  
Flight Meter: **866.1**  
TTAF: **866.1**

**ENGINE LOG**  
Eng. S/N: 1004062



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with ref. to the Cirrus SR22 / 22T A.M.M. Rev. B7, Chapter 5. Performed differential compression test. Results were as follows: #1 62/80, #2 65/80, #3 78/80, #4 48/80, #5 75/80, #6 50/80 - M/O 44/80, # 4 meets minimums and should get better as it was carbon build up. Drained engine oil after pre-run and collected sample for lab analysis. Removed and inspected oil filter element; no discrepancies noted at this time. Serviced engine with 7 quarts of Aeroshell W100 and one CH48108-1 filter. Addressed MF low pressure issue by cleaning intake lines to Controller. Replaced LH turbo oil line return adel clamps MS21919WDG-14 & MS2191WDG-16. Replaced air filters (2) P/N 27166-001. Replaced ALT 1 Brushes on 500 hour inspection, P/N ALE-3045BS & gasket P/N 653981. Replaced ALT 2 Brushes on 500 hour inspection, P/N 40278

- All applicable AD's have been complied with at this time.
- All applicable mandatory SB's have been complied with at this time.
- C/W SB16-08 Exhaust Manifold Inspection Completed with M-18 inspection guide.

All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B7 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I certify that this Engine (TSIO-550-K1B, S/N 1004062) has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn  
Chad J. Koehn / CRS Release Authority



WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **06-12-2018**  
Work Order: **S8670**  
N343TX S/N 22T-0112  
Hobbs Meter **1053.4**  
Flight Meter: **899.5**  
TTAF: **899.5**

**ENGINE LOG**  
Eng. S/N: 1004062



Troubleshoot turbocharger control system. Checked for blockage in the intake reference lines & indication system hoses, cleaned fitting on intake, checked bulkhead fitting at baffle, checked operation of wastegate and checked torque on intake flanges. Removed, verified proper operation and re-installed manifold pressure controller. Replaced engine driven fuel pump with overhauled pump P/N 649368-60A7 S/N B10GA118. Replaced Engine and fuel pump drain hoses P/N MIL6000-1/4 (4'). Replaced oil and filter. Filter P/N AA48108-2 and added 7qts. of Aeroshell W100.

Performed post-run and adjusted engine to within specifications.

All work was performed with ref. to applicable sections of the Cirrus SR22/22T A.M.M. Doc. #13773-001 Rev. B7 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2017). Post-run and leak check was satisfactory at this time. Flight check performed by D. Rogers was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn  
Chad J. Koehn / CRS Release Authority



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Date: **04-03-2018**  
Work Order: **S8650**  
N343TX S/N 22T-0112  
Hobbs Meter **1039.1**  
Flight Meter: **890.1**  
TTAF: **890.1**

**ENGINE LOG**  
Eng. S/N: 1004062



Supply hose to RH turbo found loose on back of engine oil cooler. Cleaned cowling and all oil wet areas and tighten fitting to oil cooler. Added Aeroshell W100 oil (2) quarts. Post run and leak check satisfactory at this time.

-C/W SB2X-79-07R1 Oil line chaffing.

All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B7 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Chad J. Koehn  
Chad J. Koehn / CRS Release Authority

# Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carrier: TOP FLIGHT AVIATION MAINTENANCE 843-408-9555

N343TX SR22T SN: 0112 FLIGHT HOBBS:937 TT:937 10/01/2018

Performed annual inspection IAW Cirrus maintenance manual checklist. Ground ran engine and checked all operating parameters, checked good. Performed hot compression checks, found three cylinders with low compressions. After consulting with owner removed all six cylinder assemblies and sent to Triad aviation in Burlington NC for overhaul, upon receipt of cylinders from Triad installed all six cylinders and wet torqued IAW TCM TSIO-550K overhaul and service manual using all new gaskets and seals. Checked compressions after break in run and all compressions are 78/80. Removed and replaced front crankshaft seal due to leaking. Removed and cleaned sense fittings for turbo. Cleaned fuel injectors. Replaced all champion sparkplugs with new tempest plugs. Drained oil and removed filter and cut open to inspect. Filter clean. Installed new 48108 filter and sadfried.



Serviced engine with 8 quarts Phillips 20W-50 oil. Ground ran engine and adjusted fuel system IAW SID97-3E. Set engine for 50RPM rise at idle cut off. Checked engine for oil leaks, fuel leaks and exhausts leaks. I certify this engine was inspected IAW an annual inspection and was found to be in an airworthy condition.

Terence Wray IA 2702874

Model	<u>IO-550-K1B</u>	<b>Interstate Turbine Management</b>	Date	<u>3-15-19</u>
S/N	<u>1004062</u>	2700 Fort Trenholm Rd.	FLT	<u>971.4</u>
Reg #	<u>N343TX</u>	Johns Island, SC 29455	TTE	<u>971.4</u>
WO#	<u>4482</u>			

Engine: Drained oil and inspected filter. Installed new oil filter, P/N AA48108-2, and serviced engine with Phillips Aeroshell 100 plus oil. Replaced starter with new Skytek PN: C24ST5. C/W right mag 500hr inspection, replaced points with new PN: 10-382584 and timed mag to engine. C/W #1 alternator 500hr inspection. Leak and operational check satisfactory.

3014716 A&P IA




# Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min



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 (620)663-1546  
[www.wellsac.com](http://www.wellsac.com)

Date: **06-19-2017**  
 Work Order: **S8470**  
 N383TX S/N 22T-0112  
 Hobbs Meter: **895.6**  
 Flight Meter: **766.9**  
 TTAF: **766.9**



Drained engine oil after pre-run and collected sample for lab analysis. Removed and inspected oil filter element; no discrepancies noted at this time. Serviced engine with 7 quarts of Aeroshell 100W and one CH48108-1 filter. Complied with SB 2X-79-04 by installing oil pressure sensor relocation kit. P/N 70551-001.

All work was performed with ref. to applicable sections of the Cirrus SR22 / 22T A.M.M. Rev. B6 and CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2014). Post-run and leak check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*  
 Chad J. Koehn / CRS Release Authority

6/20/2019 N343TX Continental TSIO-550-K(1) SN:1004062 Engine Logbook

Hobbs Hours: 1191.8 :: Flight Time: 1009.8  
 Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48108-2 oil filter. Washed engine, run up and checked for leaks.  
 The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed *Jason Gruener*  
 Jason Gruener A&P 3666651



wo: WO\_56

Engine page 1 of 1



Carolina Aero Tech LLC 71 Summit Drive - Hiltonhead SC 29926 843-816-2650

**N343TX** Continental, TSIO-550-K(1), S/N: 1004062 September 16, 2019  
 Tach: 1048.0 TTSN: 1048.0 Hobbs: 1239.6

1. Remove and replace oil filter, Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (8) Aeroshell 15w50 - Aeroshell 15w50. Installed (1) AA48108-2 - Oil Filter.
2. Clean injector cylinder 5. Check Comp 74/80. Bore scope no defects noted. Check Mag timing and clean and test spark plugs cylinder 5. No defects Noted.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_56.

Jason Gruener A&P 4268587 *Jason Gruener*



wo WO\_74

Engine page 1 of 1



Carolina Aero Tech LLC 71 Summit Drive Hilton Head, SC 29926 843-816-2650

D.

**N343TX**  
Tach: 1074.4

**Continental, TSIO-550-K(1), S/N: 1004062**  
TTSN: 1074.4 Hobbs: 1271.2

**November 1, 2019**

and  
ves,

Carried

1. 100 Hour Inspection Per Continental MM Less SB's CAW inspection of Turbo Charger system Installed (1) URHB32E - Spark Plug.
2. Diff Comp reading 1-76 2-75 3-78 4-72 5-71 6-74.
3. Install GAMI injection kit Per STC SE09963SC File 337 Installed (1) TIGT550-19 - GAMI Injector Kit.
4. Remove and replace oil filter. Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (8) Aeroshell 15w50 - Aeroshell 15w50. Installed (1) AA48108-2 - Oil Filter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_74.

Jason Gruener A&P 4268587

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wo WO\_106

Engine page 1 of 1



Carolina Aero Tech LLC 71 Summit Drive Hilton Head, SC 29926 843-816-2650

**N343TX**  
Tach: 1089.8

**Continental, TSIO-550-K(1), S/N: 1004062**  
TTSN: 1089.8 Hobbs: 1291.4

**December 13, 2019**

Replaced starter drive adapter Installed (1) 642085-A19 - Starter Adapter, S/N: QAA47940. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_106.

Jason Gruener A&P 4268587

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Engine

page 1 of 1

**N343TX**  
Tach: 1106.3

**Continental, TSIO-550-K(1), S/N: 1004062**  
TTSN: 1106.3 Hobbs: 1312.6

**January 24, 2020**

1. Remove and replace oil filter. Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (1) AA48108-2 - Oil Filter. Installed (8) Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_138.

Jason Gruener A&P 4268587




DATE

wo: WO\_74

Airframe page 1 of 1

**CAROLINA AERO TECH**

Carolina Aero Tech LLC - 71 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX**

Tach: 1074.4

**CIRRUS DESIGN CORP, SR22T, S/N: 0112**

TTSN: 1074.4

Hobbs: 1271.2

**November 1, 2019**

I Certify this Airframe, Engine, and Propeller has been Inspected in accordance with and Annual inspection Per Part 43 Appendix D and Found in Airworthy condition and return to service.

*John D. Hood ATP 1836948 IA*

*John D. Hood*

IT. NO.

6E

26



# M

## MAXWELL'S MAGNETOS Maintenance Release Serviceable Parts Tag

The magneto described below was:  Inspected per app. Mfr. manual

Repaired as necessary

Overhauled per app. Mfr. manual

120 Aviation Drive  
Palm Coast, Fla. 32164

1-800-255-5805

And tested in accordance with FAA regulations. Approved for return to service. All parts used on work order # 5002 on record at this facility.

MANUFACTURER:  Bendix / TCM  Slick

Model # S6RSC-25P Serial # 643095

Part # 10-500556-101 See AD compliance record dated: 2020-12

Notes: CHG: A

Signed [Signature] Cert # A&P 2703524 Date: 06/15/20

## and Maintenance Record

ns including engine part removal and with inspections, Airworthiness Directives, and Service Bulletins

Engine page 1 of 1

April 15, 2020

sh engine and run engine to all 15w50 - Aeroshell 15w50.

. Details of work performed

wo WO\_226

**CAROLINA AERO TECH**

Engine page 1 of 1

Carolina Aero Tech LLC 85 Summi. Drive Hiltonhead SC 29926 843-816-2650

**N343TX**

Tach: 1162.6

**Continental, TSIO-550-K(1), S/N: 1004062**

TTSN: 1162.6

Hobbs: 1386.9

June 18, 2020

Removed both Mags and sent to Maxwells for overhaul. Installed 2 overhauled mags. WO# 5002 And timed to Spec. Operational checks complete. Installed (1) 10-500556-101 - S6RSC-25P, S/N: D04IA174. Installed (1) 10-500556-101 - S6RSC-25P, S/N: 643095.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO 226.

Jason Gruener A&P 4268587 [Signature]

wo WO\_248

**CAROLINA AERO TECH**

Engine page 1 of 1

Carolina Aero Tech LLC 85 Summi. Drive Hiltonhead SC 29926 843-816-2650

**N343TX**

Tach: 1174.8

**Continental, TSIO-550-K(1), S/N: 1004062**

TTSN: 1174.8

Hobbs: 1403.1

July 15, 2020

1. Remove and replace oil filter. Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (1) AA48108-2 - Oil Filter. Installed (8) Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO 248.

Jason Gruener A&P 4268587 [Signature]

Entry: 2 of 2

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

wo WO\_323



Engine page 1 of 1

Carolina Aero Tech LLC 85 Summit Drive Hiller Road, SC 29926 843-816-2650

**N343TX**

tach: 1211.4

**Continental, TSIO-550-K(1), S/N: 1004062**

TTSN: 1211.4

hobbs: 1450.1

**October 29, 2020**

1. Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (1) AA48108-2 - Oil Filter. Installed (8) Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_323.

Jason Gruener A&P 4268587

Entry: 2 of 2

wo WO\_326



Engine page 1 of 1

Carolina Aero Tech LLC 85 Summit Drive Hiller Road, SC 29926 843-816-2650

**N343TX**

tach: 1212.4

**Continental, TSIO-550-K(1), S/N: 1004062**

TTSN: 1212.4

hobbs: 1451.5

**November 5, 2020**

1. Performed 100 Hour Inspection Per Continental MM Less SB's.
2. Diff Comps 1-78 2-77 3-79 4-79 5-78 6-78.
3. Performed Inspected of Turbo Chargers Per Continental CAW. No defects noted.
4. CW AD20-16-11 Cross Flow cylinder ass'y Fracture. Does not apply affected parts not installed.
5. Replaced Starter motor and test operation. Installed (1) C24ST5 - Sky-Tec Starter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_326.

Jason Gruener A&P 4268587

Entry: 1 of 1

wo WO\_357



Engine page 1 of 1

Carolina Aero Tech LLC 85 Summit Drive Hiller Road, SC 29926 843-816-2650

**N343TX**

hobbs: 1472.4

**Continental, TSIO-550-K(1), S/N: 1004062**

tach: 1229.3

TTSN: 1229.3

**January 4, 2021**

1. Removed Right Magneto and sent to Maxwell magneto for replacement of Impulse Coupler. Installed on aircraft and preformed timing. Runup operational checks complete. Installed (1) 10-5005556-101 - S6RSC-25P, S/N: D04IA174.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_357.

Jason Gruener A&P 4268587

Entry: 1 of 2

# Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Engine - page 1 of 1

Car

wo: WO\_435



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

April 9, 2021

**N343TX**  
hobbs: 1513.4

**Continental, TSIO-550-K(1), S/N: 1004062**  
TTSN: 1260.4  
tach: 1260.4

Replaced wastegate per continental MM and test operation. Installed (1) 481064-9002 - Wastegate. S/N: H-QAO00086.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_435.

Jason Gruener A&P 4268587

Entry: 1 of 1

wo: WO\_620



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

Engine - page 1 of 1

December 14, 2021

**N343TX**  
FLIGHT TIME: 1350.8

**Continental, TSIO-550-K(1), S/N: 1004062**  
ETT: 1350.8  
HOBBS: 1629.5

1. Performed 100 Hour inspection Per Continental MM Les SB's.
2. Replaced oil filter and drain oil. fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and perform run up and inspect for leaks. Installed (8) P/N AW20W50 - Phillips Victory AW 20W50 . Installed P/N AA48108-2 - Oil Filter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_620.

Jason Gruener A&P 4268587

Engine - page 1 of 1

wo: WO\_714



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

March 17, 2022

**N343TX**  
FLIGHT TIME: 1385.2

**Continental, TSIO-550-K(1), S/N: 1004062**  
ETT: 1385.2  
HOBBS: 1674.5

1. Replaced oil filter and drain oil. fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and perform run up and inspect for leaks. Installed P/N AA48108-2 - Oil Filter, Installed (8) P/N Aeroshell 15w50 - Aeroshell 15w50.
2. Clean and gap and tested all spark plugs. Reinstalled and performed run up.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_714.

Jason Gruener A&P 4268587



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	Hours	Min	Hours	Min	

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Ca

wo: WO\_810



Engine - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **July 14, 2022**  
 FLIGHT TIME: 1427.2      ETT: 1427.2                      HOBBS: 1726.3

Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (8) P/N Aeroshell 15w50 - Aeroshell 15w50. Installed P/N AA48108-2 - Oil Filter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_810.

Jason Gruener A&P 4268587 

wo: WO\_812



Airframe - page 1 of 1

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**N343TX**                      **CIRRUS DESIGN CORP, SR22T, S/N: 0112**                      **August 01, 2022**  
 FLIGHT TIME: 1431.7      ACTT: 1431.7                      HOBBS: 1732.2

1. Replaced #2 Alternator Per Cirrus MM and test operation Installed P/N 657199 - TCM Alternator ASM-24V-70A Belt DRV.
2. Cleaned Connections at P107 for Intake air temp sensor. Applied Dow #4 to connection and re-assembly. Test operation.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_812.

Jason Gruener AP/IA 4268587 

wo: WO\_895



Engine - page 1 of 1

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**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **November 08, 2022**  
 FLIGHT TIME: 1465.9      ETT: 1465.9                      HOBBS: 1773.8

Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed P/N AA48108-2 - Oil Filter, Installed (8) P/N Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service.

Avimael Moreno Gomez AP 4707247 

# Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Carrie

Engine page 1 of 1

wo: WO\_394



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **February 19, 2021**  
 hobbs: 1491.1                      tach: 1244.5                      TTSN: 1244.5

1. Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (1) AA48108-2 - Oil Filter. Installed (8) Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_394.

Jason Gruener A&P 4268587

Entry: 2 of 2

wo: WO\_425

Engine page 1 of 1



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **March 24, 2021**  
 hobbs: 1510.1                      tach: 1258.0                      TTSN: 1258.0

1. Cleaned injector on cylinder 1 and 5.
2. Check and adjust mag timing to 24deg. Preform run up and check operation.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_425.

Jason Gruener A&P 4268587

Entry: 2 of 2

wo: WO\_487

Engine page 1 of 1



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **June 01, 2021**  
 FLIGHT TIME: 1283.0                      ETT: 1283.0                      HOBBS: 1542.8

Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (1) AA48108-2 - Oil Filter. Installed (8) Aeroshell 15w50 - Aeroshell 15w50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_487.

Jason Gruener A&P 4268587

Entry: 1 of 1

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	Hours	Min	Hours	Min	

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Carri wo: WO\_531 **CAROLINA AERO TECH** Airframe - page 1 of 1  
 Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX** **CIRRUS DESIGN CORP, SR22T, S/N: 0112** **July 28, 2021**  
 FLIGHT TIME: 1306.9 ACTT: 1306.9 HOBBS: 1574.2

Replaced Cylinder #6 EGT Sensor with New unit from Cirrus Aircraft and test operation. Installed (1) 24585-001 - Cirrus EGT Sensor.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_531.

Jason Gruener A&P 4268587

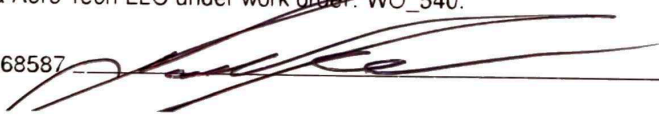


**N343TX** **Continental, TSIO-550-K(1), S/N: 1004062** **August 16, 2021**  
 FLIGHT TIME: 1313.4 ETT: 1313.4 HOBBS: 1582.5

1. Replaced oil filter and drain oil. fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (8) Aeroshell 15w50 - Aeroshell 15w50 . Installed (1) AA48108-2 - Oil Filter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO\_540.

Jason Gruener A&P 4268587



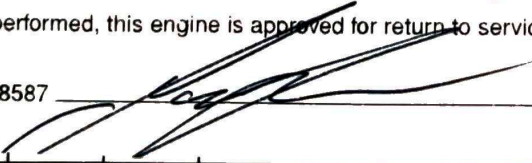
wo: WO\_927 **CAROLINA AERO TECH** Engine - page 1 of 1  
 Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

**N343TX** **Continental, TSIO-550-K(1), S/N: 1004062** **January 03, 2023**  
 FLIGHT TIME: 1475.8 ETT: 1475.8 HOBBS: 1766.4

1. Performed 100 Hour inspection IAW Continental MM Less SB's.
2. Diff Comps 1-(77) 2-(78) 3-(74) 4-(75) 5-(79) 6-(79).
3. Replaced oil filter and drain oil. fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed (8) P/N Aeroshell 15w50 - Aeroshell 15w50. Installed P/N AA48108-2 - Oil Filter.
4. Replaced Push Rod Tube seals on Cylinder #2 and #4 IAW Continental Overhaul Manual. Installed (4) P/N 630286 - Seal. Installed (4) P/N 534610 - PACKING-PUSH ROD HOUSING.
5. Replaced all 12 sparkplugs. Installed (12) P/N RHB32E - Spark Plug.

With respect to the work performed, this engine is approved for return to service.

Jason Gruener AP/IA 4268587



wo: WO\_945



Airframe - page 1 of 1

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**N343TX**                      **CIRRUS DESIGN CORP, SR22T, S/N: 0112**                      **January 11, 2023**  
FLIGHT TIME: 1479.3      ACTT: 1479.3                      HOBBS: 1790.9

Carrie

Replaced MAT Sensor and preform operational Checks Installed P/N 25598-002 - Sensor. MAT.  
With respect to the work performed, this airframe is approved for return to service.

Jason Gruener AP/IA 4268587 

wo: WO\_1001



Airframe - page 1 of 1

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**N343TX**                      **CIRRUS DESIGN CORP, SR22T, S/N: 0112**                      **March 14, 2023**  
FLIGHT TIME: 1406.0      ACTT: 1406.0                      HOBBS: 1811.7

Repaired chaffed wired for alt air door circuit at left exhaust manifold -- performed operational checks.  
With respect to the work performed, this airframe is approved for return to service.

Jason Gruener AP/IA 4268587 

wo: WO\_1057



Engine - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive, Suite A · Hilton Head, SC 29926 · 843-816-2650

**N343TX**                      **Continental, TSIO-550-K(1), S/N: 1004062**                      **April 18, 2023**  
FLIGHT TIME: 1507.8      ETT: 1507.8                      HOBBS: 1827.1

Replaced oil filter and drain oil, fill to manufacturers spec Cut open filter and inspect. Nothing Noted. Wash engine and preform run up and inspect for leaks. Installed P/N AA48108-2 (08-01268) Oil Filter - TEMPEST AA48108-2 OIL FILTER. Installed (8 quarts) P/N 08-05450 (550050835) 15W-50 - AEROSHELL AVIATION OIL 15W-50 MULTIGRADE.

With respect to the work performed, this engine is approved for return to service.

Avimael Moreno Gomez AP 4707247 

wo: WO\_1057



Airframe - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive, Suite A · Hilton Head, SC 29926 · 843-816-2650

**N343TX**                      **CIRRUS DESIGN CORP, SR22T, S/N: 0112**                      **April 18, 2023**  
FLIGHT TIME: 1507.8      ACTT: 1507.8                      HOBBS: 1827.1

Reconnected Fuel servo and fuel divider vent line. Inspect for leaks.  
With respect to the work performed, this airframe is approved for return to service.

Avimael Moreno Gomez AP 4707247 



wo: WO\_1185



Engine - page 1 of 1

Carolina Aero Tech LLC - 85 Summit Drive, Suite A - Hilton Head, SC 29926 - 843-816-2650

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**N343TX**

**Continental, TSIO-550-K(1), S/N: 1004062**

**August 04, 2023**

FLIGHT TIME: 1547.7

ETT: 1547.7

HOBBS: 1875.3

Replaced oil filter and drain oil, fill to manufacturers spec. Cut open filter and inspect. Nothing Noted. Wash engine and perform run up and inspect for leaks. Installed P/N AA48108-2 (08-01268) Oil Filter - TEMPEST AA48108-2 OIL FILTER, Installed (8 quarts) P/N 08-05450 (550050835) 15W-50 - AEROSHELL AVIATION OIL 15W-50 MULTIGRADE.

With respect to the work performed, this engine is approved for return to service.

Avimael Moreno Gomez AP 4707247

wo: WO\_1287



Engine - page 1 of 1

Carolina Aero Tech LLC - 85 Summit Drive, Suite A - Hilton Head, SC 29926 - 843-816-2650

**N343TX**

**Continental, TSIO-550-K(1), S/N: 1004062**

**November 01, 2023**

FLIGHT TIME: 1572.7

ETT: 1572.7

HOBBS: 1906.7

Replaced oil filter and drain oil, cut filter open and inspect for FOD None noted. Filled to spec and washed engine. Performed Runup and inspect for leaks. None noted. Installed P/N AA48108-2 (08-01268) Oil Filter - TEMPEST AA48108-2 OIL FILTER, Installed (8 quarts) P/N 08-05450 (550050835) 15W-50 - AEROSHELL AVIATION OIL 15W-50 MULTIGRADE.

With respect to the work performed, this engine is approved for return to service.

Avimael Moreno Gomez AP 4707247

# INSPECTION RECORD

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

DATE

wo: WO\_927

**CAROLINA AERO TECH**

Airframe - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

**N343TX**

**CIRRUS DESIGN CORP, SR22T, S/N: 0112**

**January 03, 2023**

FLIGHT TIME: 1475.8

ACTT: 1475.8

HOBBS: 1766.4

1. Performed 100 Hour Annual inspection IAW Cirrus MM 5-20 Less Sb's.
2. Test and inspect ELT Per 91.207(d), Battery Due 12/2023.
3. Replace Both Engine air induction filters. Installed (2) P/N 27166-001 - Air Filter.
4. Removed O2 Bottle For Hydrostatic Test. Computed Tempory W&B and placed in POH. Removed P/N 026N2003-3 - 77.1 Cu Ft O2 Bottle (AS REMOVED) S/N: 6268-1954.
5. AD's checked though TDATA Cycle 2022-26 No AD's Due at this time.  
I Certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition. With respect to the work performed, this airframe is approved for return to service.

Jason Gruener AP/IA 4268587

HOBBS: 1744.6

and replaced relay with  
system checked good no

the work performed

Michael Strobl

wo: WO\_927

**CAROLINA AERO TECH**

Propeller - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

**N343TX**

**Hartzell, PHC-J3YF-1N/N7605B, S/N: NJ429B**

**January 03, 2023**

FLIGHT TIME: 1475.8

TT: 1475.8

SMOH: 125.0

HOBBS: 1766.4

- Performed 100 Houer Inspection IAW Hartzell MM Less SB's.  
With respect to the work performed, this propeller is approved for return to service.

Jason Gruener AP/IA 4268587

Cirrus SR22T