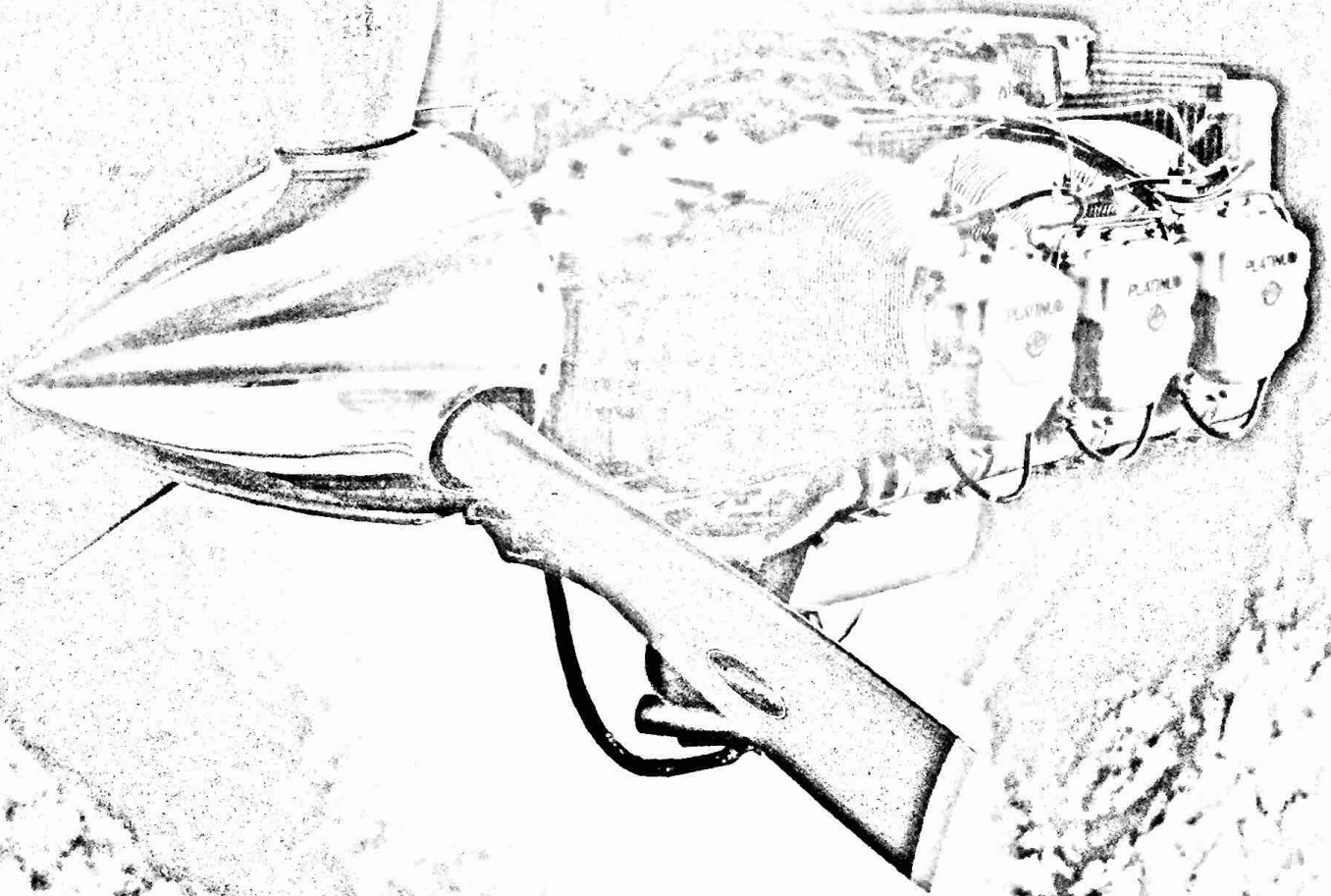


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 12/14/2007


This engine model I0550N50, Serial No. 691522 was manufactured on 12/14/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

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.	
2/5/08	4	.7			THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC CDC  on Feb 05, 2008 Cirrus Design Corporation Duluth, MN USA PC# 338CE



Leading Edge Aviation Services
 Vandenberg Airport
 Tampa, FL 33610
 (813)-626-1515

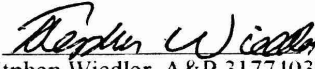


5 March 2008

N942CT

Hobbs: 40.9 Flight Hobbs: 33.1

Drained oil and serviced with 8 quarts of Aero Shell 15W50. Installed new oil filter, P/N CH48108-1. Cut open oil filter for inspection. no abnormal particles were found at this time.
 Performed post maintenance engine run-up. no defects noted at this time.


 Stephen Wiedler A&P 3177403

ENGINE MODEL
 ENGINE S/N



Cirrus Design Factory Service Center

DATE 3/27/2008

ENGINE MODEL:
ENGINE S/N:
REG NO: 942CT
WORK ORDER:
10949-03-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3101

DATE: 3/27/2008
A/C TSN: 76.7
ENG TT: 76.7
HOBBS: 76.7

Engine Entries

(7) Researched engine ADs through bi-weekly issue 2008-06, all ADs are in compliance at this time. (12) Flight time 62.3. Drained engine oil and removed oil filter, cut open oil filter and performed particulate inspection, no discrepancies noted on inspection. Installed new Champion oil filter P/N CH48108-1 and serviced engine with 8Qts of Aeroshell 15W50 oil, leak and operational check good. Work performed IAW cirrus mm chapter 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: 3/27/2008

SIGNED:

Peterson, Daniel J.
Certified Repair Station No. YD5R855Y

Work Order: 10949-03-2008

Printed by EBis 3 (datcomedia.com)

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
LOG ID# 5646 26-June-2008 WO# 3797 REF# 3797 AC TT 100.2 HOBBS 102.0
N942CT S/N 2942 CIRRUS SR22 G3 TURBO TSNEW 100.2
FHM 100.2

Pg 1 / 1

ENGINE

*COMPLIED WITH CIRRUS 100 HOUR INTERVAL WARRANTY MAINTENANCE INSPECTION.
*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

7640973 6/26/2008
DOUG K BOWLING A&P# 2640973 DATE

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					

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
 LOG ID# 5779 21-August-2008 WO# 3953 REF# 3953 AC TT 150.7 HOBBS 174.6
 N942CT S/N 2942 CIRRUS SR22 G3 TURBO TSNEW 150.7
 FHM 150.7

Pg 1 / 1

ENGINE

*C/W CIRRUS 150 HOUR IN-SERVICE INSPECTION I.
 *DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 100W OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
 *REINSTALLED ORIGINAL ENGINE DATA PLATE WITH NEW RIVETS, P/N 21007, IAW TCM SIL00-9.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

D K B 2640973 8/21/08
 DOUG K BOWLING A&P# 2640973 DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
 LOG ID# 6117 26-September-2008 WO# 4052 REF# 4052 AC TT 198.4 HOBBS 222.3
 N942CT S/N 2942 CIRRUS SR22 G3 TURBO TSNEW 198.4
 FHM 198.4

Pg 1 / 1

ENGINE

*COMPLETED CIRRUS 200 HOUR IN-SERVICE INSPECTION II.
 COMPRESSION: #1 - 76/80; #2 - 72/80; #3 - 74/80; #4 - 74/80; #5 - 70/80; #6 - 70/80.
 *DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 100W OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

D K B 14 2640973 9/26/2008
 DOUG K BOWLING A&P# 2640973 DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
 LOG ID# 6357 31-October-2008 WO# 4185 REF# 4185 AC TT 254.0 HOBBS 277.4
 N942CT S/N 2942 CIRRUS SR22 G3 TURBO
 FHM 254.0 TSN 254.0 TSO 254.0

Pg 1 / 1

ENGINE

*COMPLETED 250 HOUR IN-SERVICE INSPECTION I. OPS CHECK: GOOD.
 *DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 80W OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

J P 31-10-08
 JON PILLSBURY A&P# 2843910 DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
LOG ID# 6772 14-February-2009 WO# 4427 REF# 4427 QF-14 AC TT 262.7 HOBBS 287.1
N942CT S/N 2942 CIRRUS SR22 G3 TURBO
FHM 262.7 TSN 262.7 TSO 262.7

Pg 1 / 1

ord
ctions,

ENGINE

*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 2/11/09. NEXT ANNUAL INSPECTION DUE 2/28/2010.
COMPRESSION: #1 - 75/80; #2 - 74/80; #3 - 72/80; #4 - 74/80; #5 - 76/80; #6 - 75/80.
*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
*COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3E. OPS/LEAK/FLIGHT TEST: GOOD. ALL IAW TCM MM X30634A.
*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2B AND SB03-3. FLIGHT TEST GOOD.
*REMOVED AND REPLACED RH INTERCOOLER, P/N ETI-G3-500-3, IAW CIRRUS SR22 MM 72-60.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED/REPAIRED IN ACCORDANCE WITH A CIRRUS ANNUAL INSPECTION PROGRAM AND CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

Douglas Duncan
DOUGLAS DUNCAN IA/A&P# 237089496

2-14-09
DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
LOG ID# 6877 11-March-2009 WO# 4512 REF# 4512 QF-14 AC TT 306.4 HOBBS 330.8
N942CT S/N 2942 CIRRUS SR22 G3 TURBO
FHM 306.4 TSN 306.4 TSO 306.4

Pg 1 / 1

ENGINE

*COMPLIED WITH 50 HOUR IN-SERVICE INSPECTION I.
*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS 20W50-X/C OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
*REMOVED AND REPLACED AIR CONDITIONING DRIVE GARLOCK SEAL, P/N 25102, IAW TCM MANUAL X30568A & X30634A. OPS/LEAK CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

DK
DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

3/11/09

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
LOG ID# 7063 24-April-2009 WO# 4625 REF# 4625 QF-14 AC TT 360.8 HOBBS 385.1
N942CT S/N 2942 CIRRUS SR22 G3 TURBO
FHM 360.8 TSN 360.8 TSO 360.8

Pg 1 / 1

ENGINE

*C/W CIRRUS 100 HOUR IN-SERVICE INSPECTION II.

*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

DKL 4/24/09
DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
LOG ID# 7255 04-June-2009 WO# 4726 REF# 4726 QF-14 AC TT 402.0 HOBBS 426.8
N942CT S/N 2942 CIRRUS SR22 G3 TURBO
FHM 402.0 TSN 402.0 TSO 402.0

Pg 1 / 1

ENGINE

*C/W CIRRUS 100 & 200 HR IN-SERVICE INSPECTION II. NEXT INSPECTION DUE AT 450.0 FHM.
COMPRESSION: #1 - 74/80; #2 - 72/80; #3 - 72/80; #4 - 70/80; #5 - 72/80; #6 - 72/80.

*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

*C/W SA09-07 (TAT SB09-01), EXHAUST MANIFOLD INSPECTION FOR CRACKS. NO DEFECTS NOTED. DUE AGAIN AT 452.4 FHM.

*C/W SA09-08, CRANKCASE BREATHER DISCHARGE TUBE INSPECTION. DUE AGAIN AT 452.4 FHM.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Tim Masters 6/4/09
TIM A MASTERS SATSAIR LLC CRS# J4PR714Y DATE

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	→				

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
 LOG ID# 7347 19-June-2009 WO# 4764 REF# 4764 QF-14 AC TT 448.0 HOBBS 472.4
 N942CT S/N 2942 CIRRUS SR22 G3 TURBO
 FHM 448.0 TSN 448.0 TSO 448.0

Pg 1 / 1

ENGINE

*C/W CIRRUS 50 HOUR IN-SERVICE INSPECTION I. NEXT INSPECTION DUE AT 500.0 FHM.
 *DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N
 CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
 *REMOVED, CLEANED, INSPECTED, AND REINSTALLED #3 FUEL INJECTOR IAW TCM FI-02. OP/LEAK CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
 WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH
 REGARDS TO MAINTENANCE PERFORMED.

 6-19-09
 MICHAEL MENASIAN SATSAIR LLC CRS# J4PR714Y DATE


SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607
 LOG ID# 7615 15-September-2009 WO# 4780 REF# 4780 QF-14 AC TT 510.6 HOBBS 534.9
 N942CT S/N 2942 CIRRUS SR22T
 FHM 510.6 TSN 510.6 TSO 510.6

Pg 1 / 1

ENGINE

*COMPLETED CIRRUS 500 HR IN-SERVICE INSPECTION. NEXT INSPECTION DUE AT 550.0 FHM.
 COMPRESSION: #1 - 65/80; #2 - 60/80; #3 - 70/80; #4 - 72/80; #5 - 70/80; #6 - 74/80.
 *DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N
 CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
 *REMOVED #3 FUEL INJECTOR, CODE E, AND INSTALLED REPLACEMENT INJECTOR, P/N TIGT550-19B/C, CODE C,
 FROM GAMI INJECTORS IAW TCM FI-02. OPS/LEAK CHECK: GOOD.
 *REMOVED MAGNETOS, P/N 10-500556-101, LH S/N D07KA135, RH S/N D07KA098, FOR 500 HOUR INSPECTION BY
 QUALITY AIRCRAFT ACCESSORIES. REINSTALLED REPAIRED MAGNETOS, LH S/N D07KA098, TSO: 510.6, RH S/N
 D07KA135, TSO: 510.6, IAW TCM MANUAL X30568A CH 8. OPS/LEAK CHECK: GOOD. NEXT INSPECTION DUE AT
 1010.6 FHM.
 *REMOVED #1 ALTERNATOR, P/N ES-10024, S/N H113923, FOR INSPECTION. FOUND INSPECTION NOT DUE PER
 ALTERNATOR MANUFACTURER. REINSTALLED ORIGINAL ALTERNATOR, S/N H113923, IAW CIRRUS SR22 MM 24-30.
 OPS/LEAK CHECK: GOOD.
 *REPLACED MISSING ENGINE DATA PLATE RIVETS, P/N 21007, IAW CIRRUS TCM SIL00-9A.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
 WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH
 REGARDS TO MAINTENANCE PERFORMED.

 9/15/09
 DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

Engine LogBook Entry		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441					Authorized Cirrus Service Center	
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	FH/ TT	
RDU- 4854	10/20/2009	N942CT	Cirrus	SR22T	2942	573.3	549.0	

Engine: IO-550N50 S/N: 691522

1. Performed Cirrus Maintenance Program 50 hour in service inspection I.
2. Drained oil and removed filter, inspected filter for contamination, No contamination noted, Installed, torqued and safetied new filter P/N: CH48108-1. Serviced engine with 7 qts. Oil, type: Phillips 20W50 XC.
3. Inspected oil lines and fittings, spark plug cable ends, air intake ducts, filter, air flapper valve for general condition. performed inspection check of exhaust system, inspected breather tube, inspected engine compartment for loose hardware, inspected cylinder drains for clogs and restrictions. Visually inspected magnetos.
4. Performed ground run/ operational check. With no leaks or defects noted.
5. Performed inspection of Turbo system per TCA ICA.
6. Performed inspection of Oxygen system per Precise flight ICA.

***** End *****

I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.


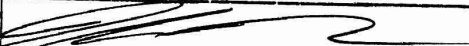
Authorized Signature:	Warren Bourne A&P 3236539
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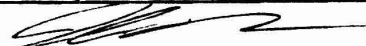
Engine Service and Maintenance Record

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

TIME SINCE
Last Overhaul
Hrs. Min. Hrs. Min.

Brought Forward →

Engine LogBook Entry		TAC Air		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441			 Authorized Cirrus Service Center	
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs	Flight Hobbs	
RDU-4854	20 OCT 2009	N942CT	Cirrus	583.6	2942	583.6		
<ul style="list-style-type: none">Installed new RH intercooler forward duct (p/n ETI-G2-200-R).Installed new LH tailpipe support bracket (p/n 22-6200045).Removed wastegate interconnect rod assy and installed new cable interconnect kit (p/n 22-5650008) IAW TAT Report 22-6460001 (REV J EO 3687 & 3690, dated April 2, 2008). <p>The following work was performed by Warren Bourne, A&P 3236539:</p> <ul style="list-style-type: none">Installed new RH fuel drain manifold assembly (p/n 13913-002). <p>I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and that this article is approved for return to service with regard to work performed.</p> <p>Authorized Signature:  Jon A. Delamarter, A&P 3035359</p>								

Engine LogBook Entry		TAC Air		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441			 Authorized Cirrus Service Center	
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs	Flight Hobbs	
RDU-5220	5 Jan 2010	N942CT	Cirrus	SR22	2942	623.1	598.8	
				Engine Model	Serial No.			
				IO-550N50	691522			
<ul style="list-style-type: none">Completed Cirrus Maintenance Program (CMX) 100 and 300 Hour Interval Items (In-Service Inspection II).Performed 100 Hour Inspection IAW TCM MM.Drained oil. Opened and inspected oil filter; no abnormal particulates noted. Installed new oil filter, p/n CH48108-1, and serviced with 7.5 qts Phillips 20W50 X/C oil. Performed ground run and leak check.Performed compression check; MO - 70/80, #1 - 76/80, #2 - 78/80, #3 - 76/80, #4 - 76/80, #5 - 76/80, #6 - 76/80.Cleaned, inspected, gapped, tested, rotated, and reinstalled sparkplugs using new gaskets (p/n M674), replacing one sparkplug with new unit (p/n RHB32S).Cleaned, inspected, and reinstalled fuel injection nozzles using all new o-rings (p/n 630979-9), rubber washers (p/n 640612), copper crush gaskets (p/n X1473), washers (p/n 628556), and upper deck line seals (p/n 633958-3). Next cleaning due @ 898.8 hrs.Removed defective #1 alternator (p/n ES-10024, s/n H113923). Removed elastomer drive coupling from defective alternator; inspected, installed on new alternator, and performed torque slippage test. Installed new #1 alternator (p/n 656802, s/n J071915). <p>The following work was performed by Jeffrey Shawn Crean, A&P 3230521:</p> <ul style="list-style-type: none">Serviced gascolator using new o-ring (p/n MS29513-137) and Stat-O-Seal (p/n NAS1523-8B). <p>I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and that this article is approved for return to service with regard to work performed.</p> <p>Authorized Signature:  Jon A. Delamarter, A&P 3035359</p>								

Engine
LogBook
Entry

TACAir

TAC Air Aircraft Maintenance
1725 E. International Drive, Raleigh NC 27623
Raleigh Durham International Airport
Phone: (919) 840-4440 Fax: (919) 840-4441



Authorized
Cirrus Service
Center

Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	FH/TT
RDU005220	1-15-10	N942CT	Cirrus	SR22	2942	623.1	598.8

TCM, IO-550-N50 s/n 691522. This engine turbonormalized with Tornado Alley STC SE10589SC by Cirrus. Inspected turbo group and engine using Tornado Alley ICA and TCM 50/100hr inspection checklist as revised. Performed TCM Top Care Health Checklist form, SID 97-2B, boroscoped cylinders, all results normal. Cleaned induction air filter IAW K&N ICA. **500hr mag inspection due: FH 1010.6 and 300hr nozzle inspection due: FH 898.8.** Cleaned engine, ground run, checked fuel system IAW Tornado Alley, Inc., Report 215-10, page 18, item E(1)(a&b) and TCM SID 97-3E as a guide, found within limits, ops and leak check OK. I certify this Engine has been inspected IAW a 100hr/Annual inspection using Cirrus SR22 MM, Chapter 5-20, 100hr inspection, Tornado Alley and TCM checklists as revised and was determined to be in airworthy condition and approved for return to service.





I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.

Authorized Signature:

Otis D. Hudson, Jr.

Otis D. Hudson, Jr. A&P2468264521A

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.			

		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441					
		Work Order No.	Date	"N" Number	Aircraft Make		
RDU- 5515	2-22-10	N942CT	Cirrus	SR22	2942	669.7	645.4

Engine: S/N:

- Performed Cirrus Maintenance Program 50 hour per Cirrus SR 22MM 5-20 checklist, TCM 50 hour checklist, and tornado alley 50hr items. Drained oil and removed filter, inspected filter for contamination, No contamination noted, Installed, torqued and safetied new filter P/N: CH48108-1. Serviced engine with 8 qts. Oil, type: Phillips 20W50 XC, Oil sample taken for analysis.
- Inspected oil lines and fittings, spark plug cable ends, air intake ducts, filter, air flapper valve for general condition, performed inspection check of exhaust system, inspected breather tube, inspected engine compartment for loose hardware, inspected cylinder drains for clogs and restrictions. Visually inspected magnetos.
- Performed ground run/ operational check. With no leaks or defects noted.
- Performed inspection of Turbo system per TCA ICA.
- Performed inspection of Oxygen system per Precise flight ICA.
- The following discrepancies were addressed on this inspection: Replaced manifold pressure switch P/N12635-001.

***** End *****

I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.

Authorized Signature: J Shawn Crean J Shawn Crean A&P 3230521



DOMINION AVIATION

Date: 12/13/2010; Aircraft: 942CT; Type: CIRRUS SR-22; S/N: 2942; Hobbs: 763.20; Tach: Total Time: 738.20; Engine - Type: S/N: Time: 763.20; Prop - Type: S/N: Time: 738.30

****ENGINE****

Complied with the annual inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus maintenance manual chapter 5 page 3-19.

Checked and listed all applicable Airworthiness Directives using ATP revision dated 11/29/2010. Complied with the logbook research. Updated the computer profiles.

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 53/80, #2 - 58/80, #3 - 60/80, #4 - 58/80, #5 - 58/80, #6 - 60/80. Master orifice reading 46/80.

Complied with the oil and filter change. Drained oil and removed oil filter. Cut open the old filter and found no defects. Installed new oil filter p/n CH48108. Serviced with 8 quarts of Phillips 20W50. Removed, inspected, cleaned and reinstalled the sump screen with a new gasket. Ran engine and leak checked, no leaks noted.

Complied with Tornado Alley Turbo system 100 hour ICA's inspection in accordance with 22-6460004 continued airworthiness. Performed heater pressure test in accordance with Service Instructions TAT SI08-04. No defects noted.

Complied with the 100 hour lubrication schedule items. Reference Cirrus SR22T maintenance manual 12-20.

Removed the spark plugs. Inspected, cleaned, gapped and tested the spark plugs with no discrepancies found. Rotated and installed the spark plugs with new gaskets, p/n# M674.

Cleaned and oiled air induction filter in accordance with K & N air filter service instructions 18677A dated 7/13/2006. Removed air induction filter. Cleaned and oil filter. Re-installed air induction filter.

Removed the fuel strainer. Cleaned and inspected as required no defects noted. Re-installed the fuel strainer with new o-ring part number MS29513-137 and stat-o-seal part number NAS 1523-8B. Performed leak check with no leaks detected. Reference Cirrus SR22 maintenance manual 28-20. Ran engine and leak checked, no leaks noted.

Removed and replaced left exhaust stack P/N ETI-SR22-103-3. Removed left tail pipe, turbo, air duct, heat shields, and exhaust stack. Installed with new gaskets P/N 652458. Re-installed wastegate with new gasket P/N FG0120830. Re-installed turbo with new gasket P/N 636465. Fitted cowling. Torqued units to specified values. Reference STC SE10580SC installation instructions.

Tightened heat shield as required on right exhaust. Reference Cirrus SR-22 maintenance manual ch 78.

Removed and replaced right turbo wastegate dump tube P/N 22-61003.



DOMINION AVIATION

right wastegate outlet P/N ETI-SR22-109-1 and right tailpipe P/N 22-6150012 with new gaskets. Torqued units to specified values. Reference STC SE10589SC installation instructions.

Washed engine as required. Dried with shop air.

Lubed both left and right turbocharger wastegate butterfly valves with 7870. Reference Cirrus maintenance manual ch 12.

Complied with Service Advisory SA-10-01 inspection of oil return line and heat shield. No defects noted.

Complied with Service Advisory SA-10-14. SA is not applicable by aircraft has more than 50 hours time in service. No further action taken.

Complied with Service Advisory SA-09-07 inspection of turbo mount flange. No defects noted.

Complied with service advisory SA-08-24 inspection of turbo systems. No defects noted.

Replaced both left and right V-band clamps P/N 11-1100023. Torqued to 60 inch lbs and secured with lock wire. Reference STC SE10589SC.

I certify that this Engine has been inspected in accordance with a/an Annual inspection and was determined to be in airworthy condition. Details on file at this facility.

Signature [Signature]

Work Order # 21750

Dominion Aviation CRS UDAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

2-15-2011 N-942CT Cirrus Corp. SR22 S/N# 2942
TCM 10-550 N/500

MAKE: Cirrus
MODEL: SR22
S/N: 2942
REG. NO: N942CT
WORK ORDER:
1739-01-2011



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498
Phone: 281-494-5800

DATE: 1/11/2011
AC TSN: 776.5
HOBBS: 776.5

Airframe Entries

Installed new magneto filter P/n 1396-2.... Installed new LH TIT boss plug P/n AN806-4J.... Adjusted the LH exhaust heat shield to the C.3 side of the exhaust stack.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 1739-01-2011.

DATE: 1/11/2011

SIGNED:

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

P Hoang, A&P: 2712235

Work Order: 1739-01-2011

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2-15-2011 N-942CT Cirrus Corp. SR22 S/N# 2942

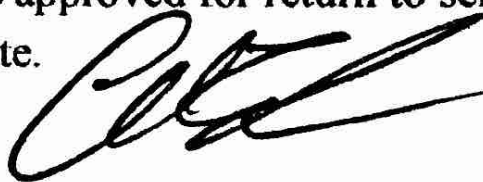
TCM IO-550-N(50) S/N# 691522

Hobbs# 808.5 Tach# 784.1

Uncowled engine and drained oil. Removed oil filter and sump screen to check for contaminants, none found. Serviced engine with 9qts of Phillips X/C 20w50 and CH48108-1 filter. Removed and installed new right side exhaust aft bracket P/N# 20155-009. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and OP'S. All satisfactory. I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R

A&P/IA# 3023363



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

2-25-2011 N-942CT Cirrus Corp. SR22 S/N# 2942

TCM IO-550-N(50) S/N# 691522

Hobbs# 810.0 Tach# 785.7

Removed cowlings and all spark plugs. Cleaned, gapped, tested and rotated all spark plugs upon reinstallation. Performed wire lead test. Checked overall condition of spark plug wires and magneto to engine timing. Performed run up, checked for leaks and OP'S. All satisfactory. I certify that all work was done in accordance with FAA regulations and approved Cirrus maintenance and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R.

A&P/IA# 3023363

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BLAKNEY AVIATION, INC. — WILEY POST AIRPORT — BETHANY, OK 73008

N942CT

3-10-2011

Airframe

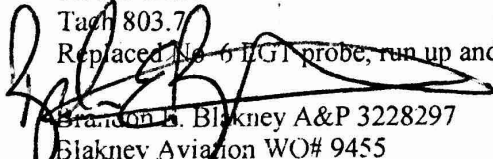
Cirrus SR22

S/N 2942

Hobbs 828.1

Tach 803.7

Replaced No. 6 EGT probe, run up and ops checked satisfactory at this time.

Brandon B. Blakney A&P 3228297

Blakney Aviation WO# 9455

4-20-2011 N-942CT Cirrus Corp. SR22 S/N# 2942

TCM IO-550-N(50) S/N# 691522

Hobbs# 850.4 Tach# 826.0

Uncowled engine and drained oil. Removed oil filter and sump screen to check for contaminants, none found. Serviced engine with 9qts of Phillips X/C 20w50 and CH48108-1 filter. Installed two new Rocker Box Cover Gaskets, P/N 632459, on Cylinders #4 and #6, exhaust side. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and OP'S. All satisfactory. Washed engine with Mineral Spirits and recowled engine. I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R.

A&P/IA# 3023363

8-10-2011 N-942CT Cirrus Corp. SR22 S/N# 2942

TCM IO-550-N(50) S/N# 691522

Hobbs# 872.7 Tach# 848.3

Removed and cleaned #2, 4, and 6 injectors. Reinstalled with all new o'rings. Removed gascolator bowl and screen and cleaned. Ran fuel through system to check for contaminants. Removed left and right magnetos for inspection/repair by Quality Aircraft Accessories of Oklahoma under WO# 73127, L/H, and WO# 73128, R/H, next magneto inspection due Tach# 1348.3. Timed magnetos to engine. Installed new wire harness on both left and right magnetos, P/N M1730. Installed new magneto pressurization filter, P/N 1396-2. Installed all new RHB32S spark plugs. Performed fuel pressure test to check for leaks of work performed this date, all satisfactory. Checked for security, proper operation of all work performed, all satisfactory. Performed engine run-up and test flight. Downloaded information from aircraft and sent to technician at Cirrus Service Center.

I certify that all work was done in accordance with FAA regulations and approved maint/service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R.

A&P/IA# 3023363

N942CT CIRRUS SR22 S/N 2942 HOBBS 883.6 FLIGHT 859.2 DATE 9-23-11

REMOVED ISKRA STARTER TCM P/N 656181E24V S/N 07 205 0020 AND
INSTALLED SKY-TEC STARTER P/N C24ST5 S/N 4C5-271120 OPS CHECKED
GOOD AT THIS TIME

SIGNED



A&P 509662944

Engine Service and Maintenance Record

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

Date

Total Time

Time Since
Last Overhaul

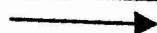
Hrs.

Min.

Hrs.

Min.

Brought Forward



11-2-2011 N-942CT Cirrus Corp. SR22 S/N# 2942

TCM IO-550-N(50) S/N# 691522

Hobbs# 898.5 Tach# 874.1

Uncowled engine and drained oil. Removed oil filter and sump screen to check for contaminants, none found. Serviced engine with 9qts of Phillips X/C 20w50 and CH48108-1 filter. Installed 2' of #9 Scat tubing from right side of cowling to firewall. Checked for proper security and operation of all work performed. All satisfactory. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and OP'S. All satisfactory.

I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R.

A&P/IA# 3023363

ENGINE MODEL:
IO-550-N (50)
ENGINE S/N: 691522
REG. NO. N942CT
WORK ORDER: 113585

Clear Star Aviation

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

DATE: 2/15/2012
A/C TSN: 893.9
ENG TT: 893.9
FLIGHTTIME: 893.9

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, 46/80 #2, 48/80 #3, 48/80 #4, 66/80 #5, 54/80 #6, 58/80 psi. Master orifice 48/80. The oil and filter was changed and serviced with 8 quarts of Phillips 20W50M mineral oil and a new CH48108-1 filter. An oil sample was collected for analysis by Blackstone Laboratories. Adjusted the takeoff manifold pressure and fuel flow. Replaced the forward cam gasket P/N 653415. Adjusted the R/H magneto timing. Reinstalled all cylinders after overhaul performed by Powermaster Aircraft Engines, see work order 120118 dated 01/18/2012. Installed new TIT probe. Installed new anti-chafe pad on the forward induction assembly. Replaced 4 intake tube clamps. Replaced the L/H turbo support upper bushing. Installed new turbo support wear sleeves. Replaced the L/H fuel cylinder drain manifold P/N 643584. Replaced the R/H intercooler Scept tube P/N 04-6400001-5-74-4. Complied with TAT SB 11-05, installed set of RHB32E spark plugs. Cleaned the fuel injectors and reinstalled using new seals as required. Installed new mechanical fuel pump P/N ETI-SR22-2-12 S/N T20975. Installed new starter drive adapter P/N 642085A17. Reinstalled the fuel divider P/N 646433-9A4 S/N C07KA057 after overhaul performed by Mike's A/C Fuel Metering Service, see work order 24727 dated 02/13/2012.

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: 2/15/2012

SIGNED:

Work Order: 113585

Daw, Isaiah
Certified Repair Station No. 5CSR009B

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ENGINE MODEL: IO-550N
ENGINE S/N: 691454
REG. NO. N942CT
WORK ORDER:
2334-02-2012



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 3/21/2012
A/C TSN: 940
ENG TT: 940
HOBBS: 940

Engine Entries

(Flight Meter: 909.2) Adjusted pressure controller to achieve 29.6"Hg. with oil temperature at 170 deg. F.... Adjusted Propeller governor to achieve 2700 RPM at takeoff.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 2334-02-2012.

DATE: 3/21/2012

SIGNED:

Work Order: 2334-02-2012

Fouad F. Hussain, A&P: 3204861

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Engine Service and Maintenance Record

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

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

Brought Forward →

3-23-2012 N-942CT Cirrus Corp. SR22 S/N# 2942
TCM IO-550-N(50) S/N# 691522
Hobbs# 940.7 Flight Time# 909.6

Uncowled engine and drained oil. Removed oil filter to check for contaminants, none found. Serviced engine with 9qts of Phillips X/C 20w50 and CH48108-1 filter. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and OP'S. All satisfactory.

I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R
A&P/IA# 3023363

5-30-2012 N-942CT Cirrus Corp. SR22 S/N: 2942
TCM IO-550-N(50) S/N: 691522
Hobbs# 987.6 Flight Time# 949.5

Uncowled engine and drained oil. Removed oil filter to check for contaminants, none found. Serviced engine with 8qts of Phillips X/C 20w50 and CH48108-1 filter. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and proper operation, all satisfactory.

I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J Evans J.R
A&P/IA# 3023363

DEER HORN AVIATION, LTD.

N942CT

Cirrus SR22

S/N: 2942

Acft HM: 1037.6

August 8, 2012

1. Replaced the accessory drive assembly PN: 1133180-1. (Air Conditioner compressor drive)
2. Replaced the air conditioner drive belt with new PN: 1133062-4
3. Complied with oil and filter change. Replaced oil filter PN: CH48108-1 and serviced engine with 8 quarts of Phillips 20W50 oil. Cut and inspected oil filter for debris with no abnormal contaminants found. Performed engine run with all indications normal and no leaks noted.

Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number 819.

Donald B. Brady

AP 3474356

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	→				

DEER HORN AVIATION, LTD.

N942CT

Cirrus SR22

S/N: 2942

Acft HM: 1037.6

August 8, 2012

Engine

TCM IO-550 (Turbo STC)

1. Complied with oil and filter change. Replaced oil filter PN: CH48108-1 and serviced engine with 8 quarts of Phillips 20W50 oil. Cut and inspected oil filter for debris with no abnormal contaminants found. Performed engine run with all indications normal and no leaks noted.

Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number 819.

Donald B. Brady *Donald B. Brady*

AP 3474356

GENERAL AVIATION SERVICES

P.O. Box 608 Conroe, TX 77305

12-05-2012 N-942CT Cirrus SR22 S/N# 2942 Hobbs# 1085.6

TCM IO-550-N(50) S/N# 691522

Uncowled engine and drained oil. Removed oil filter to check for contaminants, none found. Serviced engine with 8 quarts of Phillips XC 20w50 and CH48108-1 filter. Removed right side turbo, wastegate and right side exhaust system. Installed new R/H Exhaust Manifold, P/N# 22-6850003 with new SA628260 gaskets. Reinstalled turbo and wastegate with new gaskets, P/N# 636465 and P/N# FG0120830. Performed condition inspection of engine for abnormal conditions, none noted. Performed run up, checked for leaks and proper operation, all satisfactory.

I certify that all work was done in accordance with FAA regulations and approved Cirrus maint and service manuals. This engine is approved for return to service with respect to work performed this date.

Gregory J. Evans, Jr.

A&P IA# 3023363 *Gregory J. Evans, Jr.*

GENERAL AVIATION SERVICES

P.O. Box 608 Conroe, TX 77305

02-05-2013 N-942CT Cirrus SR22 S/N# 2942

TCM IO-550-N(50) S/N# 691522

Hobbs# 1106.2

Completed an oil and filter change this date. Drained oil and removed filter, cut filter to check for contaminants, none noted. Serviced engine with 8 quarts of Phillips XC 20W50 and CH48108-1 filter. Checked for proper security and for leaks, all satisfactory.

I certify that all work was done IAW current FAA regulations and approved maintenance service manual. This Engine has been found to be in an airworthy condition and is approved for return to service with respect to work performed this date.

John Meiss

A&P# 1199646 *John Meiss*

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

ENGINE MODEL: IO-550N
 ENGINE S/N: 691454
 REG. NO: N942CT
 WORK ORDER:
 2779-01-2013



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 3/13/2013
 A/C TSN: 1121.1
 ENG TT: 1121.1
 HOBBS: 1121.1

Engine Entries

(Flight meter: 1073.1) Completed an Annual Inspection Ref. CDC SR22 AMM 5-20, TCM MM P/n 30634A and TAT P/n Report 215-10. Performed a cylinder compression check Ref. TCM SB03-3 using differential compression tester with a calibrated orifice value of 44 PSI with results as follows: #1/78, 2/76, 3/74, 4/76, 5/72, 6/78 over 80 PSI. Oil was changed 2/5/2013 at Hobbs: 1106.2. Cut filter open and checked for contaminants. Took oil sample. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SID 97-3E. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested spark plugs. Inspected and cleaned all fuel injectors nozzles. Purged system and checked for leaks. Checked AD's thru BW 2013-05. Starter Adapter Shaft Gear AD 2011-25-51 is Superseded by AD 2012-10-13 and no further action is required by number of hours (greater than 100 Hrs.) on adapter on effective date of this AD, June 8, 2012. AFS Fuel System Servo AD 2012-03-06 is N/A by AVStar Fuel System diaphragm is not installed.... I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 2779-01-2013.

DATE: 3/13/2013

SIGNED:

Philip L Zwahr, A&P: 2685619 IA

Work Order: 2779-01-2013

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GENERAL AVIATION SERVICES

P.O. Box 608 Conroe, TX 77305



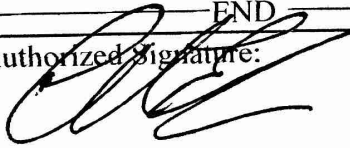
03/29/2013 TCM IO-550-N(50) S/N# 691522

Hobbs# 1134.5

Completed an oil and filter change this date. Drained oil and removed filter, cut filter to check for contaminants, none noted. Serviced engine with 8 quarts of Phillips XC 20W50 and CH48108-1 filter. Checked for proper security and for leaks, all satisfactory.

I certify that all work was done IAW current FAA regulations and approved maintenance/service manual. This Engine has been found to be in an airworthy condition and is approved for return to service with respect to work performed this date.

John Meiss
 A&P# 1199646

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 					
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>General Aviation Services 5260 Central Pkwy. Hangar 14 Conroe, TX 77303</p> </div> <div style="width: 40%; text-align: center;"> Engine Logbook Entry Make: TCM Model: IO-550-N(50) Serial: 691522 Hobbs# 1186.9 FLT HOBBS# 1138.0 </div> <div style="width: 30%; text-align: right;"> Registration: N942CT Make: Cirrus Model: SR-22 Serial: 2942 </div> </div>					
<p>Completed an oil and filter change this date.</p> <ol style="list-style-type: none"> 1. Drained oil and removed filter, cut filter to check for contaminants, none noted. 2. Serviced engine with 8 quarts of Phillips XC 20W50 and CH48108-1 filter. 3. Checked for proper operation, security, and leaks, all satisfactory. <p>I certify that all work was done in accordance with FAA regulations and approved maintenance manual. This Engine was found to be in an airworthy condition, and is approved for return to service with respect to work performed this date.</p>					
Date: September 25, 2013			Authorized Signature: 		Gregory J. Evans JR A&P 3023363 IA

ENGINE MODEL: IO-550N
ENGINE S/N: 691454
REG. NO: N942CT
WORK ORDER:
3127-10-2013



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 10/31/2013
A/C TSN: 1196
ENG TT: 1196
HOBBS: 1196

Engine Entries

Installed (12) new Tempest spark plugs P/n URHB32E.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3127-10-2013.

DATE: 10/31/2013

SIGNED:

Fouad F. Hussain, A&P: 3204861

Work Order: 3127-10-2013

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ENGINE MODEL: IO-550N
ENGINE S/N: 691454
REG. NO: N942CT
WORK ORDER:
3310-02-2014



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 4/17/2014
A/C TSN: 1230.5
ENG TT: 1230.4
FLIGHTTIME: 1181.5

Engine Entries

(Flight meter: 1181.5) Completed a 100Hr/Annual Inspection Ref. CDC SR22 AMM 5-20, TCM MM P/n M-16 and TAT Continued Airworthiness Manual No. 22-6460004. Performed a cylinder compression check Ref. TCM SB03-3 using differential compression tester with a calibrated orifice value of 44 PSI with results as follows: #1/76, 2/56, 3/74, 4/54, 5/64, 6/54 over 80 PSI. Drained oil and inspected for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 Qts. of Philips X/C 20W-50 and CamGuard. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per TCM SID 97-3F. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested spark plugs. Inspected and cleaned all fuel injectors nozzles. Purged system and checked for leaks. Checked AD's thru BW 2014-07. Superior Air Parts Cylinder AD 2014-05-29 is N/A by Superior cylinder assemblies are not installed.... Installed new crankshaft seal P/n 641250 and new propeller o-ring. P/n C-3317-228. Operational check satisfactory.... I certify that this Engine has been inspected in accordance with a 100Hr/Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3310-02-2014.

DATE: 4/17/2014

SIGNED:

Philip L. Zwahr, A&P: 2685619 IA

Work Order: 3310-02-2014

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

ENGINE MODEL: IO-550N
 ENGINE S/N: 691454
 REG. NO: N942CT
 WORK ORDER:
 3885-04-2015



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 5/20/2015
 A/C TSN: 1279.9
 ENG TT: 1279.9
 FLIGHTTIME: 1279.9

Engine Entries

(Flight meter: 1279.9) Completed a 100 HR/Annual Inspection Ref. CDC SR22 AMM 5-20, TCM MM P/n M-16 and TAT Continued Airworthiness Manual No. 22-6460004. Performed a cylinder compression check Ref. TCM SB03-3 using differential compression tester with a calibrated orifice value of 44 PSI with results as follows: #1/72, 2/70, 3/70, 4/72, 5/76, 6/74 over 80 PSI. Drained oil and inspected for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 Qts. of Philips X/C 20W-50 and CamGuard. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per CMI M-16 & TAT Continued Airworthiness Manual No. 22-6460004. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested spark plugs. Inspected all fuel injectors nozzles. Purged system and checked for leaks. Checked AD's thru BW 2015-09. Superior Air Parts Cylinder AD 2014-05-29 is N/A by Superior cylinder assemblies are not installed.... Adjusted RH magneto timing to 22 degrees BTC. Operational check satisfactory.... Installed new LH and RH turbochargers P/n 466304-3, LH S/N H-SCL00044 and RH S/N H-SCL00047. Turbochargers were installed with the following new gaskets: (2) ea. P/n 636465, (2) ea. P/n 649960 and (2) ea. P/n 652100. Pre-oiled turbochargers and checked operation.... Installed new #1 cylinder exhaust push rod tube seal P/n 630286. Installed new lock tabs P/n 501867 and new valve cover gasket P/n 655705. Operational check satisfactory.... I certify that this Engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3885-04-2015.

DATE: 5/20/2015

SIGNED:

Fouad Hussain

Fouad Hussain, A&P: 3204861 IA

Work Order: 3885-04-2015

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General Aviation Services
5260 Central Pkwy. Hangar 14
Conroe, TX 77303

Engine Logbook Entry

Make: TCM

Model: IO-550-N(50)

Serial: 691522

Hobbs# 1382.3

FLT Hobbs# 1332.6

Registration: N942CT

Make: Cirrus

Model: SR-22

Serial: 2942

Completed an oil and filter change this date.

1. Drained oil and removed filter, cut filter to check for contaminants, none noted.
2. Serviced engine with 8 quarts of Phillips XC 20W50 and CH48108-1 filter and 1 pint of camguard.
3. Checked for proper operation, security, and leaks, all satisfactory.

I certify that all work was done in accordance with FAA regulations and approved maintenance manual.
This Engine was found to be in an airworthy condition, and is approved for return to service with respect to work performed this date.

END

Date: 10-22-2015

Authorized Signature:

Gregory J. Evans JR
A&P 3023363 IA

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

ENGINE MODEL: IO-550N
ENGINE S/N: 691454
REG. NO: N942CT
WORK ORDER:
4417-05-2016



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 6/21/2016
A/C TSN: 1385.3
ENG TT: 1385.3
FLIGHTTIME: 1385.3

Engine Entries

(Flight meter: 1385.3) Completed a 100 HR/Annual Inspection Ref. CDC SR22 AMM 5-20, CMI IO-550-N MM P/n M-16 and TAT 22-6460004 Continued Airworthiness Rev. C. Performed a cylinder compression check Ref. TCM SB03-3 using differential compression tester with a calibrated orifice value of 44 PSI with results as follows: #1/74, 2/78, 3/74, 4/74, 5/76, 6/78 over 80 PSI. Drained oil and inspected oil filter for contaminants (AOA sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 Qts. of Philips X/C 20W-50 and CamGuard. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per CMI M-16 & TAT 22-6460004 Continued Airworthiness Rev. C. Inspected intake and exhaust system for leaks. Cleaned, gapped and tested spark plugs. Inspected all fuel injectors nozzles. Purged system and checked for leaks. Checked ADs thru BVV 2016-12.... Installed new oil cap seal P/n 533355. Operational and leak check satisfactory.... Adjusted LH and RH magnetos timing to 22 degrees BTC. Operational check satisfactory.... Installed new magneto filter P/n 04-6700015. Operational check satisfactory.... I certify that this Engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N942CT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4417-05-2016.

DATE: 6/21/2016

SIGNED:

Fouad Hussain, A&P: 3204861 IA

Work Order: 4417-05-2016

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ENGINE MODEL: IO-550-N
(50)
ENGINE S/N: 691522
REG. NO: N942CT
WORK ORDER: 200186



Clear Star Aviation

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

DATE: 7/31/2016
A/C TSN: 1388.2
ENG TT: 1388.2
FLIGHTTIME: 1388.2

Engine Entries

Installed new Slave wastegate clevis arm with new, P/N 22-5600001..Installed new starter cable..Removed and installed correctly the R/H exhaust turbo V-band clamp..Installed new baffle spring on cylinder #4..Replaced both wastegate support bushings and hardware..Installed new RH wastegate support bracket..Installed 3 doubler patches on R/H side engine baffle and replaced 4 sheared rivets on support brackets for baffle..Replaced engine air box cover..Installed new intake "Y" chafe pad and adjusted intake for better clearance..Replaced garlock seal and gasket on A/C drive shaft..Removed fitting on wastegate and installed new o-ring. Secured leaking prop governor top adjustment screw.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/31/2016

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200186

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BENDER AVIATION SERVICES INC

1000 N. HERCULES AVE CLEARWATER, FLORIDA 33765

PH: (727)447-8122

N317KM

Cirrus SR22

s/n-2942

ENGINE

10-7-2016 Hobbs 1,479.6

Performed a associated service item inspection and Changed oil and oil filter-serviced w/ 7qts Phillip 20W50 Aviation oil; Inspected oil filter media-no contaminants detected; Serviced brake reservoir w/ 5606 hydraulic fluid to spec. level; Ran engine for leak checks; Adjusted/clocked waste-gates using clocking jig set adjusting manifold pressure to 30.5 inches static run up.

Signed *Jeff Leach* 3162764A/P

DATE 11-26-2016

N317KM

Hobbs:1500.1

Adjusted oil pressure as needed. Gained access to turbo absolute controller and adjusted to turbo alley MM. Performed leak and operational check-all satisfactory.

Sign

Troy Hasler

A/P2787749

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="margin: 0;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	

BENDER AVIATION SERVICES INC.
1000 N. HERCULES AVE. CLEARWATER, FLORIDA 33765
PH: 727-447-8122

CIRRUS SR22	N317KM	s/n 2942
CONTINENTAL	IO-550-N7	s/n-691522
2-5-2017	Hobbs 1,461.4	AFTT 1,461.4
Removed engine CONTINENTAL IO-550-N7 s/n-691522 for overhaul inspection with an Engine TTIS of 1,461.7		EngTT 1,461.4
Signed <i>[Signature]</i> 3162764A/P		

END

Log Book See #2