

AIRCRAFT LOG
AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER

F3975

PRIMER

COLOR

FBC92813

COLOR

COLOR

CLEAR

F3905

Aircraft Log TABLE OF CONTENTS

TC # A00009CH

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Aero Products Corporation

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UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N541WP	CIRRUS SR22	1931	NORMAL

5. AUTHORITY AND BASIS FOR ISSUANCE

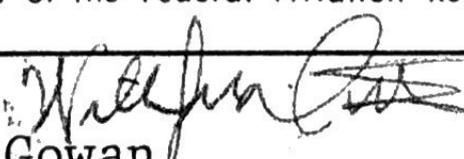
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

NONE

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
R Apr 29, 2006	William J McGowan 	LGB FSDO WP05

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp. MODEL SR 22 DATE OF MFG. April 2006

SERIAL NUMBER 22-1931 REGISTRATION NUMBER N3635D N541WP

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-550-W	R 689692
ENGINE			L
ENGINE			R
PROPELLER	Hartzell Propeller Inc.	PHC-53YF-1RF	FP4574B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAINTENANCE RECORD

F A R 12 0

DATE OF
COMPLETION

MAKE Cirrus
MODEL SR22-G2
S/N 22-1931
REG NO 363SD
WORK ORDER
6337-05-2006



Cirrus Design Factory Service Center

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

DATE 5/2/2006
A/C TSN 68
HOBBS 68

E NO.
D TO SERVICE

Airframe Entries

(1) Repaired paint on LH wing root fairing IAW CDC AMM CH 51-20 (2) Repaired paint on RH wing tip outboard edge IAW CDC AMM CH 51-20 (4) Adjusted pilots door seal to accomplish proper latching of lower door latch IAW AMM 53-40, OPS Check satisfactory.... (5) Flight test was performed for left door latch operation with satisfactory results.

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: 5/2/2006

SIGNED:

Mitch Knase
Certified Repair Station No. YD5R855Y

Work Order: 6337-05-2006

Printed by EBis 3 (datcomedia.com)

DATE 05-26-2006

N 363SD

Airframe
HM 43.2

1. Complied with the engine oil and filter change.
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

GERALD HUGGINS A&P 37865119

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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Airframe

DATE 08-03-2006

N 363SD

HM 83.2

1. Complied with the engine oil and filter change.
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Installed a new nose tire due to cut P# 505C66-5 S/n 41650183.
6. Inspected the left and right brakes.
7. Serviced the aircraft battery.
8. Installed the same as removed nose wheel caster due to shimmy cleaned the stub and set the break away torque to specs.
9. Checked the external lights.
10. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

Airframe

DATE 09-29-2006

N 363SD

HM 136.5

1. Complied with the engine oil and filter change.
2. Serviced the engine oil with Aeroshell Mineral 100 weight
3. Inspected the oil filter element for metal particles no discrepancies noted.
4. Complied with the Engine oil SOAP sample (Skywatch).
5. Serviced the aircraft battery.
8. Installed the same as removed nose wheel caster due to shimmy cleaned the stub and ser the break away torque to specs.
9. Checked external lights.
10. Ground ran leak checked approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

Airframe

DATE 12-26-2006 N 363SD FLT HM 172.7 HBS HM 172.7

1. Due to the # 1 alternator over-excitation complied with the following.
2. Installed the same as removed aircraft battery after service due to low voltage.
3. Trouble shot the # 1 alternator system and found the voltage regulator to be causing over-excitation of the alternator.
4. Removed the MCU 130 P# 19900-002s s/n 00055, s/n off 00393.
Ground ran and functional tested the output of # 1 and # 2 alternators no discrepancies noted.
5. Complied with the # 2 aircraft battery 6 month recharge.
6. Removed the nose wheel fairing for repairs due to cracks on the side walls.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

& CERTIFICATE NO.
ED/RETURNED TO SERVICE

Airframe

DATE 01-18-2007 N 363SD FLT HM 132.2 HBS HM 173.5

1. Due to an over voltage condition complied with the following.
2. Installed a warranty replacement new alternator assembly P# 649304A1 S/n 006KA006.
Removed alternator P# 649304 s/n 006AA072.
3. Installed a MCU 130 P# 19900-002 s/n 00083.
4. Removed the MCU 130 P# 19900-002 S/N off 00393.
Ground ran and functional tested the output of # 1 and # 2 alternators no discrepancies noted.
5. Installed Data Acquisition Unit (DAU) P# 16692-002s s/n 414 due to not communicating with the MFD message.
6. Installed an auto pilot computer due to auto pilot circuit breaker tripping when the battery turned on.. P#s 01192-34-61T
Removed auto pilot computer assembly P# 01192-34-61T s/n 0611-9542
7. Ground ran and functional tested approved for return to service.

I CERTIFY THAT THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS INSPECTED OR REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE

Gerald Huggins
GERALD HUGGINS A&P 437865119

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG NO: N363SD
WORK ORDER:
26961-04-2007



Commander Aero, Inc.

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

DATE: 4/10/2007
A/C TSN: 178 8
HOBBS: 178 8

Airframe Entries

(1) Complied with SB A2X-95-10 (CAPS Pick-up Collar Support Replacement) CAPS SN 2687... (2) Complied with CAPS SB 2X-95-09 (CAPS Strap Abrasion Inspection)

Maintenance Release

The aircraft and/or component(s) on N363SD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 26961-04-2007, Dated 4/10/2007.

DATE: 4/10/2007

SIGNED:

Holland, Susan
Certified Repair Station No. GA5R-876M

Work Order: 26961-04-2007

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG NO: N363SD
WORK ORDER:
26926-03-2007



Commander Aero, Inc.

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

DATE: 4/10/2007
A/C TSN: 178 8
HOBBS: 178 8

Airframe Entries

(1) Applied decals to new nose wheel pant and installed new pant.

Maintenance Release

The aircraft and/or component(s) on N363SD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 26926-03-2007, Dated 4/10/2007.

DATE: 4/10/2007

SIGNED:

Holland, Susan
Certified Repair Station No. GA5R-876M

Work Order: 26926-03-2007

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR22
S/N 1931
REG NO N363SD
WORK ORDER:
26956-03-2007



Commander Aero, Inc.

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

DATE 4/10/2007
A/C TSN 178 8
HOBBS 178 8

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) Complied with FAR Part 91.207 on ELT.... (7) Changed O-rings in both brakes.... (8) Serviced, charged & load tested battery.... (9) Applied corrosion inhibitor to MCU.... (10) Removed left MLG protective film. Sanded and cleaned fuel stains from nose pant. Polished nose pant and replaced protective film.... (11) Replaced alt #1 wire and excitor wire per SB 2X-24-06.... (12) Replaced ELT batteries. New expiration date March 2012.... (13) Replaced missing well nut @ baggage threshold.... (14) Replaced internally broken right hand passenger air vent.... (15) Replaced both step pads LH & RH.... (16) Replaced broken alt air bracket on exhaust pipe.... (17) Replaced rubber rebound bumper.... (18) Replaced missing screw on heat exchanger.... (19) Replaced 14 inches of seal on lower left and right cowling.... (20) Removed, cleaned, reinstalled Nose gear fork with 2 new bellville washers to obtain correct range of force required by AMM the nose gear fork.... (22) RMG rubber grommet that was totally out of position, no damage on gear strut per Cirrus.... (23) Replaced LMG rubber grommet that was moving out of position.... (24) Replaced right wing to fuselage fairing tape.... (25) Retorqued screws on left inboard fuel transmitter.... (26) Replaced left under wing fuel sump drain valve.... (27) Retorqued actuator bolt on left wing.... (28) Sealed gap in upper wing to fuselage fairing.... (29) Replaced tire and tube on RMG location.... (30) Replaced missing Copilot fwd outboard seat rail attach nut and washers.... (31) Replaced nose gear front and rear cowl seal.... (32) Replaced landing light lens.... (33) Complied with SB 2X-24-06 Wiring and Alternator Inspection.... (34) Complied with SB 2X-52-04R2. Cabin Door Strut Modification.... (36) Checked AD's thru 07-07.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.

The aircraft and/or component(s) on N363SD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 26956-03-2007, Dated 4/10/2007.

DATE 4/10/2007

SIGNED:

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

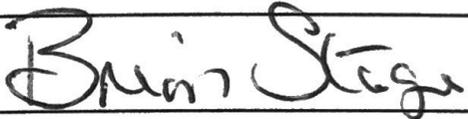
Work Order: 26956-03-2007

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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
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SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700			Page 1 of 1
Date: 05/03/2007	Work Order# A1907	Time: Hobbs- 200.4	
N363SD Cirrus	SR22	S/N: 1931	
Work Performed: Airframe 1. Removed Avidyne Entegra Version 6 PFD P/N: 700-00006-000 S/N: 25620106 and sent to MFG. Received PFD S/N: 25620106 and installed in aircraft, preformed ground test and alignment, system checks good on ground IAW Avidyne and Cirrus Maintenance Manuals, preformed flight test and alignment, system checks good IAW Avidyne and Cirrus Maintenance Manuals. This aircraft is approved for return to service.			
FAA Authorization: CRS# QSBR593X	Brian Stage	Signature: 	

SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700			
Date: 05/14/2007	Work Order# M2466	Time: Hobbs- 166.3	
N363SD Cirrus	SR22	S/N: 1931	
Work Performed: Engine 1. Performed 50 hr inspection, drained oil, cut oil filter no defects noted, installed new 48108-1 oil filter, added 8qts of Castrol AD 100 oil, ops check good, no leaks noted. I certify that this aircraft/ engine/ component was serviced and inspected I/A/W an approved factory maintenance program and has been found to be in an airworthy condition and is approved for return to service.			
FAA Authorization: 2758710 AP	Thomas Hiemstra	Signature: 	

MAINTENANCE RECORD

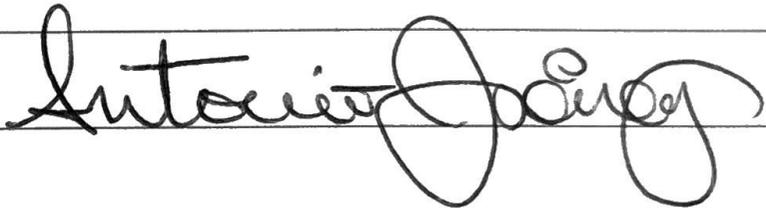
F.A.R. 43.9

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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SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700 Page 1 of 1

Date: 06/14/2007 Work Order# M2476 Time: Tach- 229.9 Hobbs- 229.9
N363SD Cirrus SR22 S/N: 1931

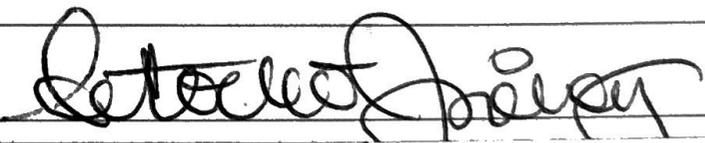
Work Performed: **Airframe**
1. Removed MCU P/N: 19900-002, S/N: 00083. Installed new MCU P/N: 19900-002, S/N: 00398. Ops check good.

FAA Authorization: 3039072 AP Antonio Jimenez Signature: 

SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700 Page 1 of 1

Date: 06/14/2007 Work Order# M2476 Time: Tach- 229.9 Hobbs- 229.9
N363SD Cirrus SR22 S/N: 1931

Work Performed: **Engine**
1. Removed alternator #1 P/N: 649304, S/N: 006KA006. Replaced with new alternator P/N: 649304, S/N: 007CA109. Ops check good.

FAA Authorization: 3039072 AP Antonio Jimenez Signature: 

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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FOR UPS SHIPPING ONLY

SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700 Page 1 of 1

Date: **05-31-2007** M2476 Time: Tach- **229.9** Hobbs- **229.9**
N363SD **CIRRUS** **SR22** S/N: **1931**

Work Performed: **Airframe**

- Complied with Service Bulletin 2X-27-14 Flight controls Rudder- Aileron Interconnect Modification. Removed hardware from Rudder-Aileron Interconnect. Removed hardware on Adel clamp as per SB2X-27-14, replaced existing hardware with screw P/N#AN525-10R12 Cirrus Design Qty.2 used on Adel clamps, bolt P/N# AN3-5 Cirrus Design Qty.1 used on Interconnect Mod., nut P/N#MS17825-3 Cirrus Design Qty.1 used on Interconnect Mod, Cotter pin P/N#MS24665-132 Cirrus Design Qty.1 Installed cable clamp against the swage end of the cable terminal, releasing tension from the bungee cord. Verified bungee cord does not get tensioned while in full aileron trim travel. Ops check good. Compliance with SB2X-27-14.

All work I/A/W Cirrus SR20 MM. OPS checks good. Aircraft returned to service.

A&P# 3039072 Name: **Antonio Jimenez** Signature:

MAKE: Cirrus
 MODEL: SR-22
 S/N: 1931
 REG. NO: N363SD
 WORK ORDER:
 2811-06-2007



Lone Mountain Aviation, Inc.
 Repair Station No. L9OR473Y
 2830 N. Rancho Dr. Suite A
 Las Vegas, NV 89130
 Phone: (702) 309-2200

DATE: 6/21/2007
 A/C TSN: 236.9
 HOBBS: 176.4

Airframe Entries

Replaced MCU IAW Cirrus AMM ch.24-30, ran aircraft and performed Operational Inspection - Master Control Unit per Cirrus AMM ch. 24-30. Operational check good.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 6/21/2007

SIGNED:
 Kenneth Scherado
 Certified Repair Station No. L9OR473Y

Work Order: 2811-06-2007

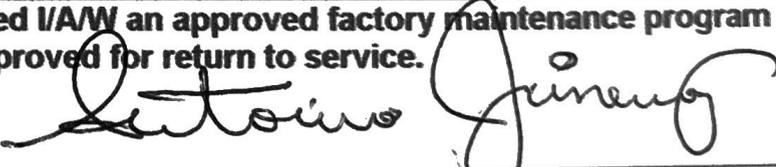
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MAINTENANCE RECORD

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
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SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700		Page 1 of 1
Date: 07/23/2007	Work Order# M2509	Time: Hobbs- 194.6
N541WP Cirrus	SR22	S/N: 1931
Engine- Continental	IO-550-N	S/N: 689692
Work Performed: Engine		
1. R&R oil with 8 qts Castrol AD100 and oil filter with new P/N: CH48108. All work I/AW Cirrus MM. I certify this aircraft return to service on this date.		
FAA Authorization: AP3100384	Erik Keene	Signature: 

SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700		
Date: 8/1/2007	WO # M2510	Time: Hobbs- 282.6
N541WP Cirrus	SR22	S/N: 1931
Work Performed: Airframe		
Complied with service bulletin SB 2X-52-07-R1, Removed Door Rod End from Aircraft. Installed new and Improved Rod End P/N 70186-001, Set of 4 rod ends. Door Operational and functional Op's check. O.K. All work I/AW Cirrus MM.		
I certify that this aircraft/ engine/ component was serviced and inspected I/AW an approved factory maintenance program and has been found to be in an airworthy condition and is approved for return to service.		
FAA Authorization: 3039072 AP	Antonio Jimenez	Signature: 

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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SkyBlueAir Inc. 50 Durley Ave. Camarillo, CA 93010 Phone: 805-987-7700

Page 1 of 1

Date: **08/06/2007** Work Order# **A1944** Time: Hobbs- **289.4**
N541WP **Cirrus** **SR22** S/N: **1931**

Work Performed: Airframe

1. Trouble shot MFD Display problem to a GPS RAIM problem, located and repaired poor connection at GPS Antennas, performed ground test, systems checks good on ground IAW Cirrus Maintenance Manuals.

This aircraft is approved for return to service.

FAA Authorization:
CRS# **QSBR593X**

Brian Stage

Signature: 

Date: **11/05/2007** Time: Hobbs-
N541WP **Cirrus** **SR22**

Page 1 of 1

Engine-
Continental **IO-550-N** S/N: **689692**

Work Performed: Engine

1. Performed oil change. Drained oil, cut oil filter no defects noted, installed new 48108-1 oil filter, added 8qts of Castrol AD 100 oil, ops check good, no leaks noted. **All work performed I/AW Cirrus MM.**

I certify this aircraft has been found to be in an airworthy condition and is approved for return to service on this date.

FAA Authorization:
2758710 AP

Tom Hiemstra

Signature: 

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

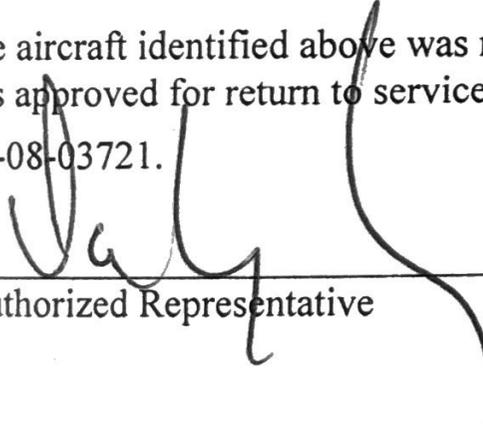
Reg. #: N541WP
Date: 01/24/08

Model: Cirrus SR22
Hobbs Time: 395.2

SN: 1931

Replaced MCU PN: 19900-002 OFF SN: 0504, ON SN: 0160 to resolve landing light relay and Alt 2 charging problem. Complied with **AD 2008-03-16** and Service Bulletin **2X-27-14R3** rudder aileron interconnect by re-orienting rudder clamp, changing bungee clamp, and adjusting bungee's as required. Replaced spinner. Replaced right forward baffle. Re-taped lower right wing root fairing. Reconnected pitot heat plug at pitot tube. Replaced nav light bulb. Washed and ran engine.

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this Repair Station under work order LT-08-03721.


Authorized Representative

CWNR273K

MAKE: Cirrus Design Corp.
 MODEL: SR22
 S/N: 1931
 REG. NO: N541WP
 WORK ORDER: 23535



American Aircraft Maintenance, Inc.

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

DATE: 3/28/2008
 A/C TSN: 281.8
 HOBBS: 281.8

TE NO.
 ED TO SERVICE

Airframe Entries

Complied with an Annual inspection as per Manufacturer's Service and/or Maintenance Manual. Tested and inspected ELT as per FAR 91.207D. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2008-06.... Removed and replaced induction filter.... Removed and inspected left and right brake assemblies and replaced o-rings and temperature sensors. Work performed IAM Cirrus AMM 32-42.... Complied with SB 2X-52-07 R4 by installing kit 70186-005.... Replaced left main landing gear tire IAW Cirrus AMM 32-41.... Replaced left and right brake lining's IAW Cirrus AMM 32-42.... Removed and replaced left aileron gap seal and adhesive IAW Cirrus AMM 57-50.... Installed nose wheel fairing AERO-TECT cover.... Replaced worn left and right cabin entry step pads.

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

DATE: 3/28/2008

SIGNED:

Work Order: 23535

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Date - 07/22/08	Cirrus SR-22	Reg: N541WP	S/N: 1931	Hobbs-FLT: 329.5
ENGINE: Continental		TYPE: IO-550-N		S/N: 689692
Work Performed: Engine				
1. Performed oil change. Drained oil, cut oil filter no defects noted, installed new CH48108-1 oil filter, added 8qts of AS15W50-D oil, ops check good, no leaks noted.				
I certify this aircraft has been found to be in an airworthy condition and is approved for return to service on this date.				
Authorization: Mike Avalos/Miyashiro	Signature:			Date: 7-22
Date - 03-1	Cirrus SR-22	Reg. N541WP	S/N: 1931	Hobbs-FLT: 358.7
ENGINE: Continental		TYPE: IO-550-N		S/N: 689692
Work Performed: Engine				
1. Performed oil change. Drained oil, cut oil filter no defects noted, installed new CH48108-1 oil filter, added 8 qts of AS15W50-D oil, ops check good, no leaks noted.				
I certify this aircraft has been found to be in an airworthy condition and is approved for return to service on this date.				
Authorization: Mike Avalos	Signature:			Date: 3-10-09

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

26 APR 2006 6.3 HRS

Production Flight Test accomplished in accordance with
Cirrus Procedure #90502.

Name: Thomas Althaus Date 26 APRIL 2006

Signature: Thomas Althaus

Title: Production Flight Test Pilot

29 APR 2006 6.3

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 04/29/2006.
The next inspection is due 04/30/2007.

Troy J McDonald

Troy J. McDonald
DMIR-830296-CE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	-----------------------------	---



Desert Aircraft Maintenance
79-880 Avenue 42
Bermuda Dunes, CA 92203
760-772-9075

REG: N541WP
Make: Cirrus SR22
Serial no.: 1931
Flight time: 362.1

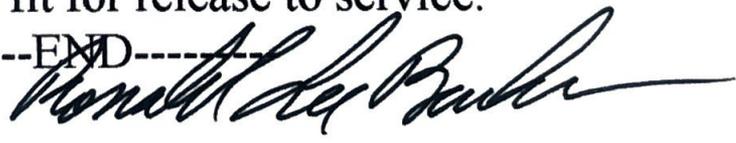
1 April 2009

1. Completed an Annual inspection this date as per the Cirrus Maintenance Manual inspection Schedule chap. 5-20.
2. Replaced both no. 2 batteries with new part no. 5079-001
3. Replaced landing light ballast with new, part no. 12580-104.
4. Complied with MSB 2X-21-03R1 Air-conditioning condenser seal using kit part no. 70220-001.
5. Replaced batteries in ELT with part no. MN1300 Duracell and function test and inspection in accordance with 14 CFR 91.207
6. Installed new 15/6:00-6 Flight Custom 3 tire on RH main gear.
7. Cleaned and repacked all wheel bearings.
8. Installed new style TKS feed tubes and P-clips on prop, part no. 15407-003 and 15325-001.

All AD's and MSB's complied with thru this date, Ground run, all parameters satisfactory, I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time and is fit for release to service.

-----END-----

Ronald Lee Barker A&P448542743IA



INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Removed Garmin GTX 327 P/N 011-00490-00 S/N 83723723. Moved S-Tec System 55A Autopilot Mounting rack down to the bottom of the radio stack. Installed Garmin GTX 330 Mode S transponder P/N 011-00230-01 S/N 84133531 in accordance with Garmin Install Manual # 190-00207-02 Revision M dated 6/2007. Circuit protection is provided by the existing two Amp Klixon circuit breaker mounted in the circuit breaker panel and labeled "Encoder/Transponder". Added wiring for Arinc 429 data to provide TIS information to the # 1 GNS 430 and the MFD in accordance with Cirrus Wiring Manual section 34-50-05 using the existing SkyWatch wiring. Also added wiring to provide TIS audio to the Garmin GMA 340 Audio Panel ADF input, and relabeled the ADF button "TIS".

The Altimeter, Automatic altitude reporting, Static systems, and ATC transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.

Removed existing avionics cooling fan and installed a Sandia ACF528 5 port Cooling fan on forward side of the copilot's bolster panel. Power is supplied by the existing fan supply. Four nipples were added to the rear of the radio stack and connected to each radio and the Autopilot. 5/8" cooling hose was run to each nipple from the fan for improved avionics cooling. System operation normal.

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W03307

Signature

Date

Sunrise Mountain Avionics
2830 N. Rancho Dr., Suite A
Las Vegas, Nv. 89130
Repair Station SMCR379X

D. Sawyer

4-3-09

INS
F.



LANCASTER AVIONICS, INC

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CE
5-27-11	Hobbs 666.2	Adjusted Correll Match PFD and Garmin SB O Software from updating both to ver 5.04. All ops check file. w.o. Re

Customer: Advanced A/cr Services		Aircraft Type: SR22		Test Alt		Pilot		Co-Pilot	
				20K		Up Down		Up Down	
Altimeter	Manufacturer	Part Number	Serial Number	Test Ceiling	10fpm	Tol			
Pilot	Avidyne	PEJ	25620106	System Leak	10000	0		9995 +20	
Co-Pilot	United	5934D-3	451991	Hysteresis:	10000	0		10015	
Encoder	ACK	A-30	100107	50%	7998	0		7995 +15	
				40%	8000	0		8010	
				After Effect	0	-10		450 0	
					470			450	
					460				

Error	Pilot	Co-Pilot	Tol	Encoder 125'		Friction			
-1000	-1005	-1020	20	-40	-940				
zero	5	-10	20	60	1000	Pilot	Tol	Co-Pilot	
500	510	485	20	460	560	0	70	30	
1000	1000	995	20	960	1060	0	70	30	
1500	1510	1490	25	11460	1560	0	70	25	
2000	2000	2000	30	1960	2060	0	70	30	
3000	3000	3005	30	2960	3060	0	80	35	
4000	4000	4005	35	3950	4050	0	90	40	
6000	6000	6000	40	5950	6045	0	100	35	
8000	8000	7995	60	7940	8040		120		
10000	10000	9995	80	9940	10040		140		
12000	12005	11995	90	11940	12035		160		
14000	14005	14005	100	13935	14035		180		
16000	16000	16020	110	15930	16030		250		
18000	18000	18030	120	17930	18025	Pressure - Alt Diff. Tol +/- 25			
20000	20000	20035	130	19920	20020	Pilot	Tol	Co-Pilot	
22000			140			28.10"	-1720	-1727	-1730
25000			155			28.50"	-1335	-1340	-1340
30000			180			29.00"	-860	-863	-865
35000			205			29.50"	-390	-392	-395
40000			230			29.92"	0	zero	0
45000			255			30.50"	540	+531	530
50000			280			30.90"	900	+893	895
						30.99"	980	+974	975

	PASS	FAIL
Pilot Altimeter	X	
Co-Pilot Altimeter	X	
Encoder	X	

Technician: Andrew W. Kroulton (Signature)
Date: 5-27-2011

LANCASTER AVIONICS
I CERTIFY THAT THE
STATIC SYSTEM TESTS
HAVE BEEN PERFORMED
ON THIS UNIT
#1 ALTIMETER
#2 ALTIMETER
ENCODER(S)
STATIC SYSTEM
SIGNATURE: Andrew W. Kroulton

(717) 569-1953 Phone
(717) 569-1722 Fax

Lancaster Avionics Inc.
500-U Airport Rd
Lititz, PA 17543

CRS# LN7R261N

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-27-11	Hobbs 666.2	<p>Adjusted Correllation of ACK A-30 encoder, SN 100107 to Match PFD altimeter, SN 25620106 to 20,000ft. C/W Garmin SB 0935 Rev.A by updating GTX330, SN 84133531 Software from 6.00 to 6.11. C/W Garmin SB 0844 by updating both GNS430s main software in acft from ver 5.01 to ver 5.04. Both units GPS software is current at ver 3.03.</p> <p>All ops chks OK. Details on file. W.O. Ref. # 16363 <i>(mk)</i></p> <div style="text-align: right;"> <p>LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 5-27-11 CERTIFICATE NO. LN7R261N SIGNED <i>Andrew K. Kowalski</i></p> </div>

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	Avidyne	20,000ft
#2 ALTIMETER	United	20,000ft
ENCODER(S)	ACK	20,000ft
STATIC SYSTEM TEST DATE	5-27-11	
SIGN <i>Andrew K. Kowalski</i>	DATE 5-27-11	

LANCASTER AVIONICS INC

CRS # LN7R261N

CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	GTX-330
#2 TRANSP	N/A
SIGN <i>Andrew K. Kowalski</i>	DATE 5-27-11

MAKE: Cirrus
 MODEL: SR22
 S/N: 1931
 REG. NO: N541WP
 WORK ORDER:
 2307-06-2012

Advanced Aircraft Services

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

DATE: 7/2/2012
 A/C TSN: 497.7
 FLIGHTTIME:

R SERVICE

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 06/13. All AD's current thru 2012-12. Run up and ops check good.... Removed and replaced the CAPS reefing line cutters, installed serial numbers 2815 and 2651, next replacement due Feb 2018.... Removed and replaced the #5 header.... Removed and replaced the #5

Removed rocket from cylinder.... Secured right wingroot fairing
 Removed and replaced
 Removed and replaced

MAKE: Cirrus
 MODEL: SR22
 S/N: 1931
 REG. NO: N541WP
 WORK ORDER:
 2606-11-2012

Advanced Aircraft Services

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

DATE: 11/30/2012
 A/C TSN: 512.4
 FLIGHTTIME:

Airframe Entries

Removed MCU cover and inspected general condition of the MCU interior. Check all connections, fuses and wires. No defects noted. Inspected the wire harness for breaks, chafes, and general condition. No defects noted. Installed MCU cover. Performed load test on aircraft #1 Battery. Ops check good. Could not duplicate an erratic battery current indication.

I certify that this AIR

DATE: 7/2/2012

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 11/30/2012

SIGNED:

Richard A. Barnhart II, IA: 3124994AP

Work Order: 2606-11-2012

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8-2-13	Hobbs 690.5	Res
Flt:	551.3	Adins
		Avid

20,000 ft. Ref ACK A 30 Ops/Install manual
 PN A30M, Rev 3, dated 7/9/2003. All ops check
 OK. Details on file. W.O. Ref 1830

LANCASTER AIRPORT
 LITITZ, PA 17543

DATE 8-2-13

CERTIFICATE NO. LN7R261N

SIGNED *Richard W. Knowlton*

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
2307-06-2012

Advanced Aircraft Services

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

DATE: 7/2/2012
A/C TSN: 497.7
FLIGHTTIME:

DATE

AIRCRAFT
INS

R SERVICE

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 06/13. All AD's current thru 2012-12. Run up and ops check good.... Removed and replaced the CAPS reefing line cutters, installed serial numbers 2815 and 2651, next replacement due Feb 2018.... Removed and replaced the #5 header.... Removed and replaced the #5 EGT probe. Ops check good.... Removed and replaced the alternate air valve pivot bolt and nut.... Removed rocket from airframe, re-torqued rocket to launch tube. Reinstalled rocket.... Repaired the engine baffle at #5 cylinder.... Secured the tow lugs with Loctite.... Dressed fittings on the gascolator drain. Leak check good.... Rebonded the right wingroot fairing.... Removed and replaced the induction air filter cap.... Secured the shroud on the Heat Exchanger.... Removed and replaced the #6 top spark plug.... Retorqued the valve covers.... Removed and replaced the R/H brake linings.... Removed and replaced the #1 Battery. Ops check good.

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

DATE: 7/2/2012

SIGNED:

Richard A. Barnhart II, IA:13124994AP

Work Order: 2307-06-2012

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on objet. Ne tapez rien

8-2-13

Hobbs
690.5

Flt: 551.3

Reseated GNS430 antenna behind glareshield/MFD.

Adjusted Correlation of ACK A-30 encoder, SN 100107 to match

Avidyne PFD Altimeter, SN 25620106 to

20,000 ft. Ref ACK A-30 Ops/Install manual

PN A30M, Rev 3, dated 7/9/2003. All ops check

OK. Details on file. W.O. Ref 1830

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543

DATE 8-2-13

CERTIFICATE NO. LN7R281N

SIGNED *Richard W. Knowlton*

12/14/2011



LANCASTER AVIONICS, INC

INSPECTION RECORD

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

Customer: Advanced Acft. 6 ves.		Aircraft Type: SR22		N#: 541WP					
Altimeter	Manufacturer	Part Number	Serial Number	Test Ceiling	Test Alt	Pilot		Co-Pilot	
Pilot	Avidyne	EXP. 5000 PFD	25620106	System Leak	20K	Up Down	Diff	Up Down	Diff
Co-Pilot	United	5934D-3	451991	Hysteresis: 50%	10,000	9990	0	+/- 75	9995
Encoder	ACK	A-30	100107	40%	8,000	9990	-10	+/- 75	10015
				After Effect	0	7990	0	+/- 30	7995
						370	0		8015
						370	0		360
									365
									+20
									+20
									+5

Error	Pilot	Co-Pilot	Tol	Encoder 125'		Friction			
						Pilot	Tol	Co-Pilot	
-1000	-990	-1020	20	-1020	-920				
zero	0	-10	20	-20	80	1000	0	70	
500	500	485	20	480	580	2000	0	70	
1000	1000	995	20	980	1080	3000	0	70	
1500	1505	1500	25	1480	1580	5000	0	70	
2000	2000	2005	30	1980	2080	10000	0	80	
3000	3000	3010	30	2980	3080	15000	0	90	
4000	4000	4010	35	3970	4070	20000	0	100	
6000	6000	6000	40	5955	6055	25000		120	
8000	8000	7995	60	7950	8050	30000		140	
10000	9990	9995	80	9940	10040	35000		160	
12000	11990	11995	90	11930	12030	40000		180	
14000	13995	14010	100	13920	14020	50000		250	
16000	15995	16025	110	15910	16010	Pressure - Alt Diff. Tol +/- 25			
18000	17995	18030	120	17900	18000		Pilot	Tol	Co-Pilot
20000	19990	20040	130	19890	19990	28.10"	-1725	-1727	-1735
22000			140			28.50"	-1340	-1340	-1345
25000			155			29.00"	-865	-863	-865
30000			180			29.50"	-395	-392	-395
35000			205			29.92"	0	zero	0
40000			230			30.50"	530	+531	530
45000			255			30.90"	895	+893	895
50000			280			30.99"	975	+974	975

	PASS	FAIL	Technician: <i>Andrew V. Kuntz</i> (Signature)
Pilot Altimeter	X		
Co-Pilot Altimeter	X		
Encoder	X		Date: 8-2-13

(717) 569-1953 Phone
(717) 569-1722 Fax

Lancaster Avionics Inc.
500-U Airport Rd
Lititz, PA 17543

CRS# LN7R261N

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

CRAFT TIME
IN SERVICE

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND
STATIC SYSTEM TESTS REQUIRED BY FAR 91.411
HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
# 1 ALTIMETER	Avrdyne	20,000 ft
# 2 ALTIMETER	United	20,000ft
ENCODER (S)	ACK	20,000ft
STATIC SYSTEM TEST DATE	8-2-13	
SIGN <i>Indrak W. Kwon</i>	DATE 8-2-13	

LANCASTER AVIONICS INC CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S)
TEST REQUIRED BY FAR 91.413 HAS BEEN
PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	GTX 330
#2 TRANSP	N/A
SIGN <i>Indrak W. Kwon</i>	DATE 8-2-13

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
2985-07-2013



Advanced Lancaster LP

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

DATE: 8/8/2013
A/C TSN: 551.3
FLIGHTTIME:

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 08/2017. All AD's current thru 2013-15. Ops check good.... Touched up paint on both wing fuel sumps and the horizontal stabilizer.... Secured the interior carpet with new velcro as required.... Removed and replaced the EMA controller, next due June 2020.... Replaced the ELT & RCPI batteries, next due Aug 2017.... Removed and replaced the #2 batteries.... Replaced all damaged heat tape on the bottom cowl.... Retorqued the NLG strut at the engine mount.... Repositioned the prop gov cable at the left cylinder drain tube.... Replaced the #4 header and collector bolt.... Applied new leading edge urethane sealant to the wings TKS panel edges.... Rebonded the aft cabin window.... Repositioned the R/H Flap.... Rebonded the right lower wingroot fairing.

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

DATE: 8/8/2013

SIGNED:

Joel A. Glover

Work Order: 2985-07-2013

Joel A. Glover, IA: 2849196AP

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INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
3602-10-2014



Advanced Lancaster LP

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

DATE: 10/14/2014
A/C TSN: 597.7
FLIGHTTIME:

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 08/2017. All AD's current thru 2014-20.... AD 2015-05-29 - SAP Cylinder Assemblies. N/A by installation.... C/W SA-13-05 - Elevator Hinge Pin Inspection. No defects found.... Removed and replaced both brake discs and all brake linings.... Rotated MLG tires on their rims.... Removed and replaced NLG pucks.... Retorqued engine mount bolts at firewall.... Removed and replaced #6 EGT probe.... Removed and replaced the A/C drive assembly and serviced the system.... Removed and replaced the L/H O/B tail pipe support spring.... Retensioned all exhaust collector muffler spring hardware.... Secured the throttle cable at the oil cooler.... Re-applied all leading edge urethane.

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

DATE: 10/14/2014

SIGNED:

Work Order: 3602-10-2014

Milan Jovanovic, IA: 316417AP

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U I

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIM
IN SERVICE

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
4240-11-2015

ADVANCED Advanced Lancaster LP

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

DATE: 11/20/2015
A/C TSN: 663.1
HOBBS:

CE

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 11/2017. All AD's current thru 2015-23.... Removed and replaced the pilots push to talk switch.... C/W SB 2X-05-02 Alternate Air Valve Bolt Replacement. Removed and replaced the bolt and castle nut.... C/W SB 2X-28-12 R1 Electric Fuel Pump Inspection, no defects.... C/W SB 2X-32-19 R3 NLG Inspection, no defects.... Removed and replaced the fire extinguisher, installed RTA600 S/N Y-490851.... Removed and replaced the ELT batteries, Next due 11/2017... Cleaned and re-torqued the R/H I/B fuel quantity probe.... Re-sealed the aft center window as required.... Shimmed the NLG upper puck pan bushings to prevent bushing migration.... Applied additional heat tape to the lower L/H cowl.

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

DATE: 11/20/2015

SIGNED:



Work Order: 4240-11-2015

Richard A. Barnhart II, IA: 3124994AP

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SR22 Cirrus N541WP H: 800.7
LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND
STATIC SYSTEM TESTS REQUIRED BY FAR 91.411
HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	<i>United (STBY)</i>	<i>20,000</i>
#2 ALTIMETER	<i>Audyne</i>	<i>20,000</i>
ENCODER (S)	<i>ACK</i>	<i>20,000</i>
STATIC SYSTEM TEST DATE	<i>11-17-15</i>	
SIGN	<i>[Signature]</i>	DATE <i>11-17-15</i>

F: 663.1
LANCASTER AVIONICS INC
CRS # LN7R261N

CERTIFY THAT THE TRANSPONDER (S)
TEST REQUIRED BY FAR 91.413 HAS BEEN
PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	<i>GTX 330</i>
#2 TRANSP	<i>N/A</i>
SIGN	<i>[Signature]</i>
DATE	<i>11-17-15</i>



ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

per LP

Customer: <i>Advanced Aircraft</i>		Aircraft Type: <i>F22</i>		Test Alt		Pilot		Co-Pilot	
				20,000		Up Down		Diff	
				18FPM		Tol			
Altimeter	Manufacturer	Part Number	Serial Number	Test Ceiling				Up Down	Diff
Pilot	<i>Avidyne</i>	<i>EXP5000 FFD</i>	<i>25620106</i>	System Leak					
Co-Pilot	<i>United</i>	<i>59340-3</i>	<i>451991</i>	Hysteresis: 50%	<i>10,000</i>		<i>N/A</i>	<i>0</i>	<i>+10</i>
Encoder	<i>ACK</i>	<i>A-30</i>	<i>100107</i>	40%	<i>8,000</i>			<i>+5</i>	<i>+10</i>
				After Effect	<i>0</i>			<i>0</i>	<i>+20</i>
								<i>+20</i>	<i>+20</i>
Error	Pilot	Co-Pilot	Tol	Encoder 125'		Friction			
-1000	<i>-20</i>	<i>-15</i>	20	<i>N/A</i>	<i>-420</i>		Pilot	Tol	Co-Pilot
zero	<i>-5</i>	<i>0</i>	20	<i>-40</i>	<i>+60</i>	1000	<i>N/A</i>	70	<i>35</i>
500	<i>0</i>	<i>-5</i>	20	<i>465</i>	<i>560</i>	2000		70	<i>40</i>
1000	<i>0</i>	<i>0</i>	20	<i>965</i>	<i>1060</i>	3000		70	<i>35</i>
1500	<i>0</i>	<i>0</i>	25	<i>1455</i>	<i>1565</i>	5000		70	<i>30</i>
2000	<i>0</i>	<i>+15</i>	30	<i>1965</i>	<i>2060</i>	10000		80	<i>35</i>
3000	<i>-5</i>	<i>+20</i>	30	<i>2955</i>	<i>3060</i>	15000		90	<i>40</i>
4000	<i>-15</i>	<i>+15</i>	35	<i>3450</i>	<i>4050</i>	20000		100	<i>60</i>
6000	<i>-10</i>	<i>+20</i>	40	<i>5960</i>	<i>6050</i>	25000		120	
8000	<i>-15</i>	<i>+5</i>	60	<i>7950</i>	<i>8045</i>	30000		140	
10000	<i>-20</i>	<i>0</i>	80	<i>9450</i>	<i>10,055</i>	35000		160	
12000	<i>-20</i>	<i>0</i>	90	<i>11,940</i>	<i>12,045</i>	40000		180	
14000	<i>-20</i>	<i>-5</i>	100	<i>13,940</i>	<i>14,035</i>	50000		250	
16000	<i>-25</i>	<i>-10</i>	110	<i>15,920</i>	<i>16,030</i>	Pressure - Alt Diff. Tol +/- 25			
18000	<i>-20</i>	<i>-15</i>	120	<i>17,910</i>	<i>18,010</i>		Pilot	Tol	Co-Pilot
20000	<i>-20</i>	<i>-15</i>	130	<i>19,900</i>	<i>20,015</i>	28.10"	<i>-1735</i>	-1727	<i>-1720</i>
22000			140			28.50"	<i>-1345</i>	-1340	<i>-1340</i>
25000			155			29.00"	<i>-865</i>	-863	<i>-865</i>
30000			180			29.50"	<i>-400</i>	-392	<i>390</i>
35000			205			29.92"	<i>-5</i>	zero	<i>0</i>
40000			230			30.50"	<i>525</i>	+531	<i>530</i>
45000			255			30.90"	<i>885</i>	+893	<i>895</i>
50000			280			30.99"	<i>975</i>	+974	<i>965</i>
		PASS	FAIL			Technician: <i>[Signature]</i>			
Pilot Altimeter		<i>X</i>				(Signature)			
Co-Pilot Altimeter		<i>X</i>				Date: <i>11-17-15</i>			
Encoder		<i>X</i>							

check list ch 5-20. Per
pected in accordance v
ad the pilots push to tal
olt and castle nut.... C
on, no defects.... Rem
aced the ELT batteries
er window as required
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4AP

2.7
261N

F: 60
LANCA

E

TO

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00

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2-15

CERTIFY

TEST RE

PERFOR

UNIT

#1 TRA

#2 TRA

SIGN

DATE

(717) 569-1953 Phone
(717) 569-1722 Fax

Lancaster Avionics Inc.
500-U Airport Rd
Lititz, PA 17543

CRS# LN7R261N

INSPECTION RECORD

F.A.R. 43.11-91.409

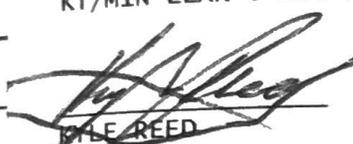
DATE AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 4284 25-May-2016 WO# 21012/1 HOBBS 829.1
N541WP S/N 1931 CIRRUS DESIGN CORP. SR22
FLIGHT TIME 686.2

Pg 1 / 1

**** ITEM # 21012-1 C/W PITOT/STATIC SYSTEM LEAK CHECK ****
DISCREPANCY: C/W PITOT/STATIC SYSTEM LEAK CHECK FOLLOWING PARACHUTE REPACK.
ACTION: PITOT/STATIC SYSTEM LEAK CHECK PASSES WITHIN ALLOWABLE TOLERANCE. STATIC SYSTEM FINAL LEAK
CHECK ANALYSIS IS A 26 FT/MIN LEAK @ 1,000 FT AGL. PITOT SYSTEM FINAL LEAK CHECK ANALYSIS IS A ZERO
KT/MIN LEAK @ 180 KTS. TEST PERFORMED I.A.W. WITH FAR 91.411 AND FAR 43, APPENDIX E.


DALE REED

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
4474-04-2016

 **ADVANCED** Fly Advanced

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

DATE: 6/3/2016
A/C TSN: 686.2
HOBBS:

Airframe Entries

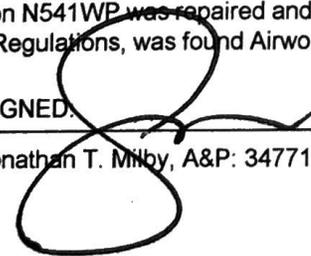
C/W SB 2X-95-18 R3 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute S/N 02451R1. Next replacement due 5/13/2026. Installed rocket motor assembly S/N 1733. Next due 5/16/2026. Installed frangible link assembly S/N 2362. Reinstalled the CAPS reefing line cutters serial numbers 2651 & 2815. Next due for replacement 02/2018 Weight and balance updated, see POH... C/W SB 2X-95-13 CAPS Strap Inspection and Grommet Installation.... Re-bonded the wing root fairing as needed.... Removed and installed the pilots yolk assembly for re-covering at SCS interiors.... Removed and replaced the #2 alternator, installed S/N 05076229... Removed and replaced the electric fuel boost pump, installed S/N 4790.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 6/3/2016

SIGNED:


Jonathan T. Milby, A&P: 3477163AP

Work Order: 4474-04-2016

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INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 4284 25-May-2016 WO# 21012/1 HOBBS 829.1
N541WP S/N 1931 CIRRUS DESIGN CORP. SR22
FLIGHT TIME 686.2

Pg 1 / 1

**** ITEM # 21012-1 C/W PITOT/STATIC SYSTEM LEAK CHECK ****
 DISCREPANCY: C/W PITOT/STATIC SYSTEM LEAK CHECK FOLLOWING PARACHUTE REPACK.
 ACTION: PITOT/STATIC SYSTEM LEAK CHECK PASSES WITHIN ALLOWABLE TOLERANCE. STATIC SYSTEM FINAL LEAK
 CHECK ANALYSIS IS A 26 FT/MIN LEAK @ 1,000 FT AGL. PITOT SYSTEM FINAL LEAK CHECK ANALYSIS IS A ZERO
 KT/MIN LEAK @ 180 KTS. TEST PERFORMED I.A.W. WITH FAR 91.411 AND FAR 43, APPENDIX E.


 DALE REED

MAKE: Cirrus
 MODEL: SR22
 S/N: 1931
 REG. NO: N541WP
 WORK ORDER:
 4474-04-2016

ADVANCED Fly Advanced

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

DATE: 6/3/2016
 A/C TSN: 686.2
 HOBBS:

Airframe Entries

C/W SB 2X-95-18 R3 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute S/N 02451R1. Next replacement due 5/13/2026. Installed rocket motor assembly S/N 1733. Next due 5/16/2026. Installed frangible link assembly S/N 2362. Reinstalled the CAPS reefing line cutters serial numbers 2651 & 2815. Next due for replacement 02/2018 Weight and balance updated, see POH... C/W SB 2X-95-13 CAPS Strap Inspection and Grommet Installation.... Re-bonded the wing root fairing as needed.... Removed and installed the pilots yolk assembly for re-covering at SCS interiors.... Removed and replaced the #2 alternator, installed S/N 05076229... Removed and replaced the electric fuel boost pump, installed S/N 4790.

Maintenance Release

The aircraft and/or component(s) on N541WP was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 6/3/2016

SIGNED

Work Order: 4474-04-2016

Jonathan T. Milby, A&P: 3477163AP

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 4649 13-February-2017 WO# 21670/1 AC TT 854.1 HOBBS 854.1
N541WP S/N 1931 CIRRUS DESIGN CORP. SR22
FLIGHT HOBBS 704.4

Pg 1 / 1

**** ITEM # 21670-1 REPAIR #1 GNS430 ****

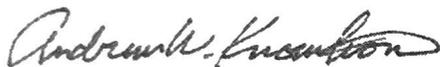
DISCREPANCY: REPORTED - INTERMITTENTLY INOP.

ACTION: RAMP CHECKED AND FOUND GPS SATELLITES INTERMITTENTLY WILL NOT LOCK ON. RESEATED GNS430 IN MOUNTING TRAY. FOUND EX5000 MFD CAUSING RFI INTERFERENCE OF #1 GPS ANTENNA. (BOTH GPS ANTENNAS MOUNTED BEHIND MFD.) RELOCATED #1 GA56 GPS ANTENNA, S/N 59418270 TO ALTERNATE LOCATION BEHIND INSTRUMENT PANEL TO CORRECT FAULT. ALL OPS CHECKS OK.

**** ITEM # 21670-2 REPAIR XM RADIO ****

DISCREPANCY: INOP.

ACTION: XM REMOTE CONTROL INDICATES "CONNECTION FAILED". REPLACED 3 AA BATTERIES IN XM REMOTE CONTROL. REMOTE WAS THEN ABLE TO ESTABLISH CONNECTION WITH XM RECEIVER. 2/13/2017 PERFORMED OPS CHECK OF XM SYSTEM OUTSIDE; ALL OPS CHECKS OK.



ANDREW W. KNOWLTON

MAKE: Cirrus
MODEL: SR22
S/N: 1931
REG. NO: N541WP
WORK ORDER:
4923-01-2017

 **ADVANCED** Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 2/14/2017
A/C TSN: 704.4
HOBBS: 853.8

Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 11/2017. All AD's current thru 2017-02.... Reseated a pin in the landing light harness connector at the ballast.... Removed corrosion from the firewall ground block.... Rebonded tywrap base on the #2 battery box.

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

DATE: 2/14/2017

SIGNED: 

Work Order: 4923-01-2017

Derrick S. Miller
Certified Repair Station No. 5T2R901C

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HA1512
S466440

#1 / #2 / Standby Altimeter, Static Pressure, and Altitude Reporting Systems have been tested IAW FAR Part 43 Appendix E to comply with FAR 91.411. Systems tested to 20,000 feet.

P/N or Model: 5934D-3 S/N: 456201C
 Workorder No.: 10047 Date: 4-12-18

Signature: [Signature]

RED EAGLE AVIONICS - CRS# EHER536D

ADC # 1, P/N: EXP5000PFD, S/N: 2562010C
 complies with requirements of FAR 91.411.

Certified to 20,000 feet.

Workorder No. 10047 Date 4-12-18

Signature: [Signature]

Transponder P/N: GT7330, S/N: 84133531
 has been tested in accordance with FAR Part 43 Appendix F to comply with FAR 91.413.

Workorder No. 10047 Date 4-12-18

Signature: [Signature]

RED EAGLE AVIONICS - CRS# EHER536D
 302-325-2727 - reainfo@redeagleav.com

RED EAGLE AVIONICS CRS#: EHER536D ALTIMETER INDICATOR CALIBRATION		W/O No.: <u>10047</u>	
Date: <u>4-12-18</u>			
Pilot's Altimeter: <input type="checkbox"/>			
Copilot's Altimeter: <input type="checkbox"/>			
Standby Altimeter: <input type="checkbox"/>			
Test Setting	Instrument Reading	Test Setting	Instrument Reading
-1000	<u>-1000</u>	14000	<u>13990</u>
0	<u>0</u>	16000	<u>15990</u>
500	<u>500</u>	18000	<u>17990</u>
1000	<u>1000</u>	20000	<u>19990</u>
1500	<u>1500</u>	22000	<u>219</u>
2000	<u>2000</u>	25000	
3000	<u>2990</u>	30000	
4000	<u>3990</u>	35000	
6000	<u>5990</u>	40000	
8000	<u>7990</u>	45000	
10000	<u>9990</u>	50000	
12000	<u>11990</u>		
		Form AIC-1 Rev. 1, 5/30/08	

RED EAGLE AVIONICS CRS#: EHER536D ALTIMETER INDICATOR CALIBRATION		W/O No.: <u>10047</u>	
Date: <u>4-12-18</u>			
Pilot's Altimeter: <input type="checkbox"/>			
Copilot's Altimeter: <input checked="" type="checkbox"/>			
Standby Altimeter: <input type="checkbox"/>			
Test Setting	Instrument Reading	Test Setting	Instrument Reading
-1000	<u>-1000</u>	14000	<u>14020</u>
0	<u>0</u>	16000	<u>16020</u>
500	<u>500</u>	18000	<u>18040</u>
1000	<u>1000</u>	20000	<u>20040</u>
1500	<u>1500</u>	22000	<u>219</u>
2000	<u>2000</u>	25000	
3000	<u>3020</u>	30000	
4000	<u>4020</u>	35000	
6000	<u>6020</u>	40000	
8000	<u>8000</u>	45000	
10000	<u>10010</u>	50000	
12000	<u>12020</u>		
		Form AIC-1 Rev. 1, 5/30/08	



Make: Cirrus
Model: SR-22
S/N: 1931

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 04/12/2018
N541WP
Hobbs: 901.3
Flight: 744.5
Aircraft TT: 744.5

Airframe Entry:

Performed an annual inspection IAW FAR 43 Appendix D. using Cirrus MM. Chapter 5-20 inspection check list as a guide. Performed a light check. Lubed airframe. Checked all cable tensions. Drained all fuel sumps and serviced the gasculator. Inspected landing gear and brakes. Repacked all wheel bearings. Serviced the brake fluid reservoir. ELT inspected IAW FAR 91.207 (d). – removed and replaced the ELT batteries – next due: 04/2020. Removed and replaced the ELT RCPI battery – next due: 04/2023. No applicable AD's at this time – reference AD report dated 04/2018 for details. C/W SB2X-32-18R3 – NLG Strut Assembly Inspection – no defects noted at this time. C/W SB2X-52-08 R2 – Catcher Diverter and Gas Strut Rod End Replacement. C/W SB2X-05-02 – Induction Duct Flapper Bolt by replacement – next due: 1244.5 flight time or 04/12/2020 whichever comes first. Removed and replaced the CAPS line cutters – installed S/N's 12903, and 13011 with manufacture date of 02/2018 – next replacement due: 02/2024. Removed and replaced the airbag inflators – installed co-pilot's S/N Z7172295039, and pilot's S/N Z7172295016 with manufacture date of 03/2018 – next replacement due: 03/2030. Removed and replaced the lower door hinge rod ends and clevis bolts on both cabin doors. Removed and replaced the aileron push/pull tube rod ends behind instrument panel. Removed and replaced the left exhaust muffler. Removed and replaced the left exhaust tail pipe clamp assembly. Removed NLG assembly and replaced bolts, all bushings and spacers at pivot points to engine mount. Removed and replaced all brake linings. Safetied the TKS b-nuts at the spinner baffle bulkhead fitting. Removed and replaced the #5-cylinder EGT probe. Removed and replaced the aft rudder control rod end in the empennage. Re-tensioned the NLG spindle cup as required. Resealed the MCU mounting hardware at the firewall. Replaced several MLG mushroom fairing well nuts. Fabricated and installed RMLG wheel pant upper bracket cushion. Removed and replaced the #1 battery – installed Concorde RG24-15M S/N 40882008. Details of this inspection are on file at this facility under work order #10407. END.

I certify that this AIRFRAME has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Milan Jovanovic
A&P3164117IA



Make: Cirrus
Model: SR-22
S/N: 1931

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 02/01/2022
N541WP
Hobbs: 1081.8
Flight: 894.2
Aircraft TT: 894.2

Airframe Entry:

Performed an annual inspection IAW FAR 43 Appendix D. using Cirrus MM. Chapter 5-20 inspection check list as a guide. Performed a light check. Lubed airframe. Checked all cable tensions. Drained all fuel sumps and serviced the gasculator. Inspected landing gear and brakes. Repacked all wheel bearings. Serviced the brake fluid reservoir. ELT inspected IAW FAR 91.207 (d). – removed and replaced the ELT batteries – next due: 12/2022. AD's check through bi-weekly 2022-01. C/W CAPS Electronic Checkout Procedure. C/W SB2X-32-19R3 – NLG Strut Assembly Inspection – no defects noted at this time. Replaced both exhaust collector bolts. Replaced the A/C drive turn buckle. Replaced the inboard wing aerotect. Replaced the NLG strut fairing aerotect. Installed tow bar aerotect. Replaced the NLG puck stack and rebound bumper. Replaced the Left brake disc and linings. Adjusted the NLG spindle cup tension and replaced the thrust washer. Details of this inspection are on file at this facility under work order #LWO-15035. END.

I certify that this AIRFRAME has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Ryan McGee
A&P3786795IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6 FEB 2023	140BBS: 1290.1	TACH: 1067.1 REPLACE ELT BATTERIES
MIN 1300	REPAIR - FEB 25 OPS V PER FAR 91-207@014	RELOC - FEB 2024

WO: WO_2824

Airframe page 1 of 2
AP 3482921A



Heck Air LLC · 1389 General Aviation Dr. · Melbourne, FL 32935 · 3212559155

N541WP

Cirrus, SR22

February 09, 2023

1. Performed 100 Hour inspection IAW Cirrus SR22 Maintenance Manual, 13773-002.
 - Inspected, cleaned and lubricated applicable airframe components
 - Washed aircraft and engine area
 - C/W Beringer Continued Airworthiness Items IAW Beringer Maintenance Manual, BRG-ALTP-02.
2. Replaced both main tires repacked all wheel bearing
3. Removed bracket and sent for repair. Installed repaired L/h gear fairing bracket.
4. Removed and replaced r/h brake pads.
5. Replaced r/h nose wheel pant bracket with p/n 11799-004.
6. Replaced LH nose wheel pant bracket with P/N S446440.
7. Replaced Brake Disc P/n 164-02504 IAW cr22 MM.
8. Installed new caliper overheat temp placard.



Heck Air LLC · 1389 General Aviation Dr. · Melbourne, FL 32935 · 3212559155

I certify that this aircraft has been inspected in accordance with/Annual inspection and was determined to be in airworthy condition.

H. HAMILTON AP3482921A H. Hamilton

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

N541WP SN 1931 Cirrus SR22 TT

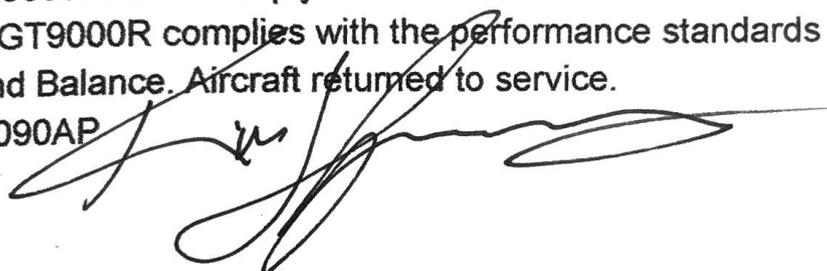
12/01/2022

The Lynx NGT9000R was installed IAW STC AML SA02444AK installation manual.

The IFD 540 was installed IAW STC AML SA000343BO installation manual.

Removed Comant VHF Antenna. Replaced with Comant GPS/VHF Antenna Pn CI-2580-200. Installed GPS Splitter pn: LDCBS1X2 under glareshield copilot side next to the door post. Removed 2ea GNS430W from radio stack. Replaced with IFD540 and IFD440. Removed GTX330 from radio stack. Installed NGT9000R transponder under pilot floorboard. Installed ADSB FAIL Warning light(Amber) in the lower radio stack next to flap switch. Removed STEC 55x controller. Installed wire harness modification to flap switch. Installed DFC90 Autopilot. Removed EX5000PFD to comply with Mod 55 for use with DFC90. Performed operational ramp check to find that the NGT9000R complies with the performance standards in 14CFR Part 91.227 for ADS-B out. Updated Weight and Balance. Aircraft returned to service.

Kevin W. Haynes 3295090AP

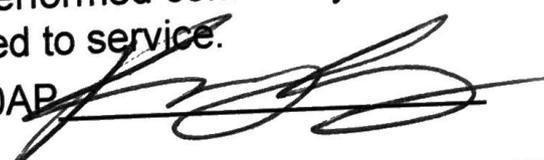


Reg# N541WP SN 1931 Date 2/20/23

Device pn 70000171003 sn M220518413

Installed SW version 10.3.1.2 IAW OEM installation instructions. Performed conformity and operations check. Returned to service.

Kevin W Haynes 3295090AP



Blue Ash Aircraft Service

1966.7

Date 12-21-23 100hr inspection-Tach/Hobbs 1209.6 hrs. Pack main & nose wheel bearings - Check brake fluid & fill resevoir - Service struts & shimmy damper - Grease gear & service torque links - Run gear retraction & extension NA - Service battery - Check ELT battery - Replace Y (N) Due 3-20-24 ELT performance check 91.207 a thru d

Check all controls cables and attach fittings & lube
Replace ELT Remote battery. Replace all brake lining with new
Replace both caliper shoes with new. Replace all caliper
temp sensors - adjust nose castor tension -
EW SB 2X-32-19 R3 Nose strut inspect OK - EW-SB2X-05-02
induction flapper bolt - next due 12-25 00500 hrs -
Remove with tags for 500w inspection.

Blue Ash Aircraft Service

Perform Annual Inspection on this aircraft N 541WD and found to be in Airworthy / ~~Unairworthy~~ condition this Date 12/21/23

Signed: [Signature] AP3677236

RECORD
.409

STATUS & DISCREPANCY LIST
DURING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

WO: W

N541
Flight

Remo
95-01

Stiever

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME
IN SERVICE

WO: WO_4477

Airframe - page 1 of 1



Heck Air LLC · 1389 General Aviation Dr. · Melbourne, FL 32935 · 3212559155

N541WP
Flight: 1215.7

Cirrus, SR22
Hobbs: 1475.3

February 22, 2024

Removed and replaced reefing line cutters with kit 25347-002 in accordance with CAPs component Maintenance Manual 95-01-01 Section A steps 1 (removal) through 2 (installation).

Stieven Sperry A&P 4210486



FCA Flight Training & Aircraft Maintenance LL
2770 Old SR 38 NE
Washington Court House OH 43160
9374037170

Make: Cirrus
Model: SR22
Tail: N541WP
S/N: 1931

Hours: AC:11600.4 TT:1600.4 EngTT: 1319.7 PropTT: 1319.7 Hobbs: 1600.4 Misc:

Replaced brake lines RA66-62 on both main gear assemblies check Compression, check magneto timing, inspected spark plugs all tested good, installed new right muffler AWI A21892-001 SN: 2438, Installed New Receiver /Dryer 1134275-9 recharge A/C

Signed:

Name: Jerry Van Dyke

Cert: 3291097 I/A
Date: 09/13/2024

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

S466440 HA1512

Date: 12/16/2024 **Hours:** TTAF: 1656.0 Tach: 1366.1 TTE: 1366.1 TTP: 1366.1

Tail#: N541WP

Make: Cirrus

Model: SR22

S/N: 1931

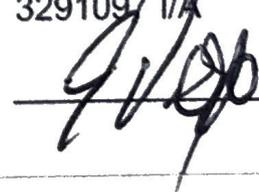
Corrective Action: Annual Inspection completed Per 43 Appendix "D" I certify that his **Airframe** has been inspected in A/W Annual Inspection and is found to be in Airworthy condition as of 12/16/2024, Replace right main tire and inner tube, pack wheel bearings, inspect complete airframe, removed interior and all exterior inspection panels,,



Jerry Van Dyke

FCA Flight Training & Aircraft Maintenance
LL

Cert: 3291097 I/A

Sign: 

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

AIRCRAFT TIME

DATE

Warren County Avionics
2460 Greentree Rd.
Lebanon, Ohio 45036
FAA Repair Sta.
#8WCR657C

Date: 01-08-2025
W.O. No: 52198
Tech: JC
A/C Reg. No.: N541WP

Altimeter Correction Card

SIN: 451991

Alt	Error	Alt	Error
-1000	-10	10,000	+20
0	0	12,000	+10
500	0	14,000	+10
1,000	0	16,000	+20
1,500	0	18,000	+20
2,000	+10	20,000	+20
3,000	0	22,000	/
4,000	0	25,000	
6,000	0	30,000	
8,000	+10	35,000	

Warren County Avionics
2460 Greentree Rd.
Lebanon, Ohio 45036
FAA Repair Sta.
#8WCR657C

Date: 01-08-2025
W.O. No: 52198
Tech: JC
A/C Reg. No.: N541WP

Altimeter Correction Card

SIN: 25620106

Alt	Error	Alt	Error
-1000	0	10,000	+10
0	0	12,000	-20
500	0	14,000	-20
1,000	0	16,000	0
1,500	0	18,000	0
2,000	0	20,000	+10
3,000	0	22,000	/
4,000	0	25,000	
6,000	0	30,000	
8,000	0	35,000	

