

17.577	14000	14760	N/A	N/A	N/A	-40	140	22000	IDENTIFICATION
16.886	15000	N/A	N/A	N/A	100	-40	140	22000	DIGITS
16.216	16000	N/A	N/A	N/A	100	-40	155	25000	LIGHTING CHECK
14.942	18000	19960	N/A	N/A	120	-40	180		ANTENNA CHECK
13.750	20000	N/A	N/A	N/A	140		205		TRANSPONDER
12.636	22000	24960	N/A	N/A	160		230		P/N:
11.104	25000				180		255		S/N:
8.885	30000				250		280		
7.041	35000								
5.538	40000								
4.355	45000								
3.425	50000								

6. HYSTERESIS: 50% MAX. ALT. 0 ERROR +/- 75 FT. 40% MAX ALT. 0 ERROR +/- 75 FT. (B) (ii).
7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W N/A PART 43 APPX. E (A) (3).
8. STATIC PORT AREA NOT DEFORMED OR ALTERED. C/W N/A PART 43 APPX E. (A) (4).



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER K36

PRIMER _____

COLOR FBC 920048

COLOR FBC 105220

COLOR _____

CLEAR F3905



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC 92004B

COLOR

FBC 105220

COLOR

CLEAR

F3905

Aircraft Log

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TC #A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22T DATE OF MFG. MAR. 11

SERIAL NUMBER 0105 REGISTRATION NUMBER N224CT

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	T310-550K	R 1003759
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13Y1F-1N	R NJ379B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT
SA01708SE

CDC  on 02 / 10 / 2011.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

INSTALLED EQUIPMENT

	ITEM	MANUFACTURER	MODEL	SERIAL NO.
	ENGINE			R
	ENGINE			L
	ENGINE			R
	ENGINE			L
PF	PROPELLER			
	PROPELLER			
PF	ENGINE			
	ENGINE			
CC	ENGINE			
	PROPELLER			
	PROPELLER			
CC	ENGINE			
	ENGINE			
CC	ENGINE			
	PROPELLER			
CL	PROPELLER			
	ENGINE			
	ENGINE			
	PROPELLER			
	PROPELLER			

MAJOR ALTERATIONS

[illegible]

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

[illegible][illegible]

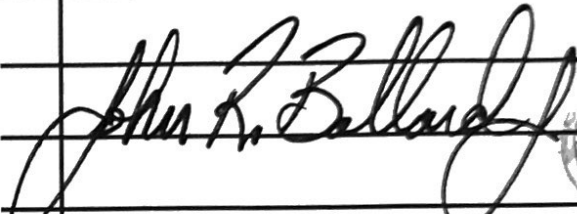
LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS					
	SERIAL NUMBER	INSTALLATION DATE (HOURS)	TIME ON PART AT INSTALL	LIFE LIMIT OR TEST	REMARKS

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		3/4/11 1-9	Searched AD's through bi-weekly issue <u>2011-05</u> . All AD's are in compliance at this time.			 

MAKE CITRUS
MODEL SR22T
S/N 0105
REG NO 224CT
WORK ORDER
14285-06-2011



Cirrus Design Factory Service Center

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

DATE 6/29/2011
A/C TSN 1723
HOBBS 2214

SB Entries

(27) Flight meter 172.3 hrs - Complied with SB2X-27-16R1 Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions by installing kit P/N 70255-001. Performed flap travel adjustment and rig check with satisfactory results. Work done IAW Service Bulletin instructions and SR-22 AMM 27-50.

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: 6/29/2011

SIGNED:

Peterson, Daniel J
Certified Repair Station No YD5R855Y

Work Order: 14285-06-2011

Printed by EBis 3 (datcomedia.com)



8/19/13

Reg: N224
Date: 19 AU
Hobbs: 48L
Tach: 374.9

The Altimeter, F
tested and found
required by FAR

The ATC Transp
FAR 43, Appenc

NEXAIR A

Alt

Altimeter: PFS

ALT	
-1000	
0	
500	
1000	
1500	
2000	
3000	
4000	
6000	
8000	
10000	
12000	
Barometric	

Tested By:
Mansfield A

Altimeter Correction Card

Altimeter: **STANDBY**

SN: N224 CT

ALT	Error	ALT	Error
-1000	-5	14000	-50
0	+15	16000	-50
500	+5	18000	-40
1000	+20	20000	-20
1500	+10	22000	
2000	+20	25000	
3000	+20	30000	
4000	+15	35000	
6000	-5	40000	
8000	-25	45000	
10000	-40	50000	
12000	-50	55000	
Barometric InHg: 29.92		Test Date: 19 AUG 2013	

Tested By: B. Schultz CRS N4OR087B
Mansfield Airport 265 Fruit St Mansfield MA 02048

APPROVED BY: _____
AGENCY _____ CERT. NO. _____

CKS



DATE

MANUFACTURER

8/19/13

Reg: N224C

Date: 19 AUG

Hobbs: 48L

Tach: 374.9

The Altimeter, P
tested and found
required by FAR

The ATC Transp
FAR 43, Append

NEXAIR A

Altimeter Correction Card

Altimeter: PFD

SN: N224CT

ALT	Error	ALT	Error
-1000	-20	14000	-20
0	-20	16000	-30
500	-20	18000	-30
1000	-20	20000	-30
1500	-20	22000	X
2000	-20	25000	
3000	-20	30000	
4000	-20	35000	
6000	-20	40000	
8000	-20	45000	
10000	-20	50000	
12000	-20	55000	

Barometric InHg: 29.92

Test Date: 19 AUG 2013

Tested By: B. Schultz CRS N4OR087B
Mansfield Airport 265 Fruit St Mansfield MA 02048

RECHECK
REQUIREDAPPROVED BY:
AGENCY CERT NO.

Reg: N224CT

Date: 19 AUG 2013

Hobbs: 4824

Tach: 374.9



The Altimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, Appendix E and F, as required by FAR 91.411. Tested to 20,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413.

Benjamin Schultz

NEXAIR AVIONICS CRS:N4OR087B WO#: 1709

NZ24CT

ERROR OR RESULTS

**NEXT CHECK
DUE**

CHECKED BY:
SIGNATURE — CERT. NO.

Altimeter Correction Card

Altimeter: ADX 1

SN: NIA

ALT	Error	ALT	Error
-1000	-10	14000	-15
0	-10	16000	-15
500	-10	18000	-15
1000	-10	20000	-15
1500	-10	22000	-15
2000	-10	25000	-15
3000	-10	30000	N/A
4000	-10	35000	I
6000	-10	40000	
8000	-10	45000	
10000	-10	50000	
12000	-10	55000	

Barometric InHg: 29.92

Test Date: 10/29/15

Tested By: DM

CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048

N224CT
10/29/15
570.4
443.0

N E X A I R
A V I O N I C S

imeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, Appendix E and F, as required by FAR 91.411. Tested to 25,000 ft

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR AVIONICS CRS:N4OR087B WO:2952

NEXAIR AVIONICS CRS:N4OR087B WO:2952



Altimeter Correction Card			
Altimeter: <i>standby</i>		SN: <i>N/A</i>	
ALT	Error	ALT	Error
-1000	<i>-10</i>	14000	<i>-10</i>
0	<i>-10</i>	16000	<i>-20</i>
500	<i>-10</i>	18000	<i>-20</i>
1000	<i>-15</i>	20000	<i>-20</i>
1500	<i>-15</i>	22000	<i>-25</i>
2000	<i>-15</i>	25000	<i>-20</i>
3000	<i>-15</i>	30000	<i>N/A</i>
4000	<i>-15</i>	35000	
6000	<i>-15</i>	40000	
8000	<i>-20</i>	45000	
10000	<i>-15</i>	50000	
12000	<i>-10</i>	55000	
Barometric InHg: <i>29.92</i>		Test Date: <i>10/29/15</i>	
		GPS N40R087B	

Tested By: DM CRS N4OR087B
Mansfield Airport 265 Fruit St Mansfield MA 02048

RONIC CHECKS

[illegible]NEAIR
AVIONICS

The ALTimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, Appendix E and F, as required by FAR 91.411. Tested to 25,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR AVIONICS CRS:N4OR087B WO:2952

Reg: N224CT
Date: 10/29/15
TTSN: 570.4
TACH: 443.0

N E X A I R
A V I O N I C S

The ALtimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR43, Appendix E and F, as required by FAR 91.411 Tested to 25,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR AVIONICS CRS:N4OR087B WO:2952

Logbook Entry

Name: Windsor Aviation
W.O.: 9879R
Date: 1/12/18

A/C: N 224CT
TT: 549.9 Flight.
A/C S/N: 0105

CHECKED BY:
SIGNATURE — CERT. NO.

I certify that this altimeter, altitude reporting, and static pressure system has been tested and found to comply with FAR 91.411, FAR 91.217, and FAR Part 43 Appendix E & F. This altimeter has been tested to 25000 feet.

Altimeter Model: 5934AD-3 S/N: 491112

Signature: [Signature]

FlightLevel Norwood, LLC

Norwood Airport - KOWD
209 Access Road, Norwood MA 02062

CRS #FRKR-394D

FORM FLN A-5

Revision Original, dated 7/29/16

ADC # 1

Logbook Entry

Name: Windsor Aviation.
W.O.: 9879R
Date: 1/12/18

A/C: N 224CT
TT: 549.9 Flight.
A/C S/N: 0105

I certify that this ADC altimeter, altitude reporting, and static pressure system has been tested and found to comply with FAR 91.411, FAR 91.217, and FAR Part 43 Appendix E & F. This ADC altimeter has been tested to 25000 feet.

Altimeter Model: GDC 74A S/N: 20610060

Signature: [Signature]

FlightLevel Norwood, LLC

Norwood Airport - KOWD
209 Access Road, Norwood MA 02062

CRS #FRKR-394D

FORM FLN A-5

Revision Original, dated 7/29/16

ADC#2

Logbook EntryName: Windsor AviationA/C: N 224CTW.O.: 9879RTT: 549.9 17.5hrDate: 1/12/18A/C S/N: 0105CHECKED BY:
SIGNATURE — CERT. NO.

I certify that this ~~altimeter~~ ^{ADC}, altitude reporting, and static pressure system has been tested and found to comply with FAR 91.411, FAR 91.217, and FAR Part 43 Appendix E & F. This ~~altimeter~~ ^{ADC} has been tested to 25000 feet.

ADC
Altimeter Model: ADC 74A S/N: 20610067Signature: [Signature]**FlightLevel Norwood, LLC**

Norwood Airport - KOWD

209 Access Road, Norwood MA 02062

CRS #FRKR-394D**FORM FLN A-5**

Revision Original, dated 7/29/16

Logbook EntryName: Windsor AviationA/C: N 224CTW.O.: 9879RTT: 549.9 17.5hrDate: 1/12/18A/C S/N: 0105

I certify that this ATC transponder has been tested and found to comply with FAR 91.413 and FAR Part 43 Appendix F.

Transponder Model: GTX-33 S/N: 89120925Signature: [Signature]**FlightLevel Norwood, LLC**

Norwood Airport - KOWD

209 Access Road, Norwood MA 02062

CRS #FRKR-394D**FORM FLN A-2**

Revision Original, dated 7/29/16

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
------	------------	-------------------	---------------	------------------	----------------	--------------------------------------

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360
LOG ID# 2005 19-December-2019 WO# 6052 AC TT 818.1 HOBBS 818.1
N224CT S/N 0105 CIRRUS SR22 TACH 635.3

Pg 1 / 1

UPDATED G1000 SOFTWARE FROM VERSION 0764.15 TO VERSION 0764.23 IN ACCORDANCE WITH CIRRUS SB2X-42-10R2 DATED SEPTEMBER 8, 2015. OPS CHECK NORMAL.

NOTE: WORK ORDER 6052 ON FILE.

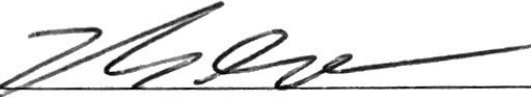
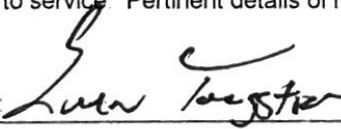
THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

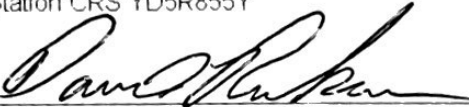

N40R0873 BENJAMIN SCHULTZ

[illegible]

MAINTENANCE RECORD

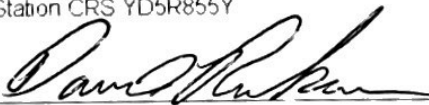
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE Cirrus MODEL SR22T S/N 0105 REG NO 224CT WORK ORDER: 14120-03-2011		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3438	DATE: 3/10/2011 A/C TSN: 3.9 HOBBS: 6.7
Airframe Entries (2) Removed and replaced the W1300 Audio Harness P/N: 24500-008 IAW SR22 WM 23-50-01 and CDC Installation Drawing 24501. Audio system functional checks satisfactory.			
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: 3/10/2011	SIGNED:  Mike Grew Certified Repair Station No. YD5R855Y		Work Order: 14120-03-2011 Printed by EBis 3 (datcomedia.com)
MAKE Cirrus MODEL: SR22T S/N 0105 REG NO 224CT WORK ORDER: 14123-03-2011		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3438	DATE: 3/11/2011 A/C TSN: 3.9 HOBBS: 7
Airframe Entries (2) Reseated contact pin 14 on connector J1312 IAW SR22 AMM 20-10. Audio receive function check satisfactory.			
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: 3/11/2011	SIGNED:  Evan Youngstrom Certified Repair Station No. YD5R855Y		Work Order: 14123-03-2011 Printed by EBis 3 (datcomedia.com)

OF ETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE Cirrus MODEL SR22T S/N 0105 REG NO 224CT WORK ORDER 14139-03-2011	 Cirrus Design Factory Service Center Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438	DATE 3/18/2011 A/C TSN 19 HORBS 24
Airframe Entries (2) Flight meter 19 0 hrs - Performed Cirrus Aircraft 25 Hour Demo Inspection IAW Demo care inspection program checklist (10) Inspected and cleaned gascolator filter and bowl IAW AMM ch 28-20, operational and leak check good (17) Replaced main landing gear tubes with P/N 14076-002 IAW CDC AMM 32-41			
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: 3/18/2011		SIGNED:  Dave Ruuskanen Certified Repair Station No YD5R855Y	Work Order: 14139-03-2011 Printed by EBis 3 (datcomedia.com)
	MAKE Cirrus MODEL SR22T S/N 0105 REG NO 224CT WORK ORDER 14142-03-2011	 Cirrus Design Factory Service Center Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438	DATE 3/22/2011 A/C TSN 19 3 HORBS 24
Airframe Entries (2) (Flight Time 19 3) Lubricated cabin door push buttons IAW CDC AMM 12-20 Ops check satisfactory (3) Replaced pin 28 (EVS Video IN) on J1253 (MFD connector) IAW SR22T WM 20-10 Operational Test - EVS Camera was satisfactory IAW SR22T AMM 93-50			
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: 3/22/2011		SIGNED:  Peterson, Daniel J Certified Repair Station No YD5R855Y	Work Order: 14142-03-2011 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE Cirrus MODEL SR22T S/N 0105 REG NO 224CT WORK ORDER 14139-03-2011	 Cirrus Design Factory Service Center Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438	DATE 3/18/2011 A/C TSN 19 HOEBS 23.2
Airframe Entries (2) Flight meter 19.0 hrs - Performed Cirrus Aircraft 25 Hour Demo Inspection IAW Demo care inspection program checklist (10) Inspected and cleaned gascolator filter and bowl IAW AMM ch 28-20, operational and leak check good (17) Replaced main landing gear tubes with P/N 14076-002 IAW CDC AMM 32-41			
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: 3/18/2011		SIGNED:  Dave Ruuskanen Certified Repair Station No YD5R855Y	Work Order: 14139-03-2011 Printed by EBis 3 (datcomedia.com)
	MAKE Cirrus MODEL SR22T S/N 0105 REG NO 224CT WORK ORDER 14142-03-2011	 Cirrus Design Factory Service Center Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438	DATE 3/22/2011 A/C TSN 19.3 HOEBS 24
Airframe Entries (2) (Flight Time 19.3) Lubricated cabin door push buttons IAW CDC AMM 12-20 Ops check satisfactory (3) Replaced pin 28 (EVS Video IN) on J1253 (MFD connector) IAW SR22T WM 20-10 Operational Test - EVS Camera was satisfactory IAW SR22T AMM 93-50			
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: 3/22/2011		SIGNED:  Peterson, Daniel J Certified Repair Station No YD5R855Y	Work Order: 14142-03-2011 Printed by EBis 3 (datcomedia.com)

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED[illegible]

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
	TAIL No: N224CT MODEL: SR22T S/N: 0105	A/C T.T.: 155,8 FLIGHT: 155,8 PAGE: 1 OF 1	ENG TSN: 155,8 PROP TSN: 155,8 DATE: JUN 09th, 2011

COMPLIED WITH OIL AND OIL FILTER CHANGE. INSTALLED NEW FILTER P/N CH48108-1, SERVICED WHIT 8 QTS ENGINE OIL PHILLIPS 66, SAE 50, ASHLESS DISPERSANT. ENGINE WAS RUN AND CHECKED FOR LEAKS.

AUTHORIZED SIGNATURE: LEONARDO MORON A&P 2539805 IA.

ECUADOR CONSOSA
Lic. 044A&P2539805 IA

MAKE Cirrus Design Corp
MODEL Sr22T
S/N 0105
REG NO N224CT
WORK ORDER 0598

PLATINUMService

Platinum Aviation Service
1635 NW 51st Place - Hangar 31
Fort Lauderdale FL 33309
Phone (954) 771-1288

DATE 13 June
A/C TSN
FLIGHTTIME

Airframe Entries

Inspected and found that the connector to the oil pressure transducer had been zip tied to an oil line putting pressure on the connection. Cut zip tie and inspected for damage. Treated connector with stabilant and reconnected. Operational check satisfactory.

DATE 13 June, 2011

SIGNED

James Chrisman

James Chrisman A&P 3558281

Work Order 0598

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR22T
S/N 0105
REG NO 224CT
WORK ORDER
14285-06-2011



Cirrus Design Factory Service Center

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

DATE 6/30/2011
A/C TSN 1723
HOBBS 2214

Airframe Entries

(3) Flight meter 1723 hrs - Performed aircraft Annual/100 Hr inspection IAW cirrus mm chapter 5-20 and 5-30 (6) Researched ADs through bi-weekly issue 2011-13, all ADs are in compliance at this time (21) Lubricated flap actuation motor IAW cirrus mm chapter 12-20 (22) Complied with FAR 91 207d inspection and operational check of ELT model ME406, S/N 197-08390, found serviceable, due each 1 year, battery replacement due Feb 2017 (23) Verified torque on upper engine mount weldment to firewall IAW SR-22 AMM 71-20 (24) Replaced LH and RH Brake O-Rings IAW CDC AMM 32-42 Leak check good (25) 32-42 007A Performed Brake Bleeding Procedure with MIL-H-5606 IAW CDC SR22 AMM 32-42 (34) Installed Garmin GDL69/A Weather System IAW Cirrus Repair Deviation R10308 by installing XM receiver (P/N 24657-002, S/N 47762844), mounting rack (P/N 24657-101), rack backing plate (P/N 24657-102), W1290 XM wire harness (P/N 24590-005), XM antenna cable (P/N 24667-002) GRT-10 wireless transceiver (P/N 24640-001, S/N 14Q001350), GRC-10 remote control (P/N 24641-001, S/N 14R001276), 3 amp circuit breaker (P/N 50350-003), removed GPS #1 WAAS antenna (P/N 12744-004 S/N 346753) and installed GPS #1 WAAS/XM combo antenna (P/N 12744-005 S/N 358252) Updated Garmin Perspective software for the GDL69/A XM WX/Audio option XM system functional checks satisfactory (XM DATA ID A98HT0R6, XM AUDIO ID ZGVHT00R) (36) Updated Weights, Balance, and Equipment list IAW SR22 AMM chapter 8 and section 6 of the POH for the installation of the GDL/69A XM System and the Tanis Engine Pre-Heater Kit (50) 32-41 Wheel Bearings Disassembled NLG and MLG wheels, cleaned and inspected for defects Replaced all cups and cones Replaced RH wheel brake disc Reassembled and installed on aircraft All work accomplished IAW CDC AMM 32-41 and Cleveland CMM #AWBCMM0001-6/USA (51) Replaced LH and RH MLG Brake Pads and conditioned IAW CDC AMM 32-42 (52) Replaced Air Conditioning Compressor Drive P/N 21119-102 IAW CDC AMM 21-50 Leak check satisfactory (53) Applied a non-structural 4 ply fiberglass repair to the inner Lower Left Cowl using a Heloxy, Epicure resin system Work accomplished IAW CDC AMM 51-30 (56) Serviced O2 system to 2000 PSI IAW Precise flight POH Supplement #102NMAN0001 per STC SA01708SE (59) Repaired solder connection on the overhead dome light switch IAW SR22 WM 20-10 (62) Inspected Oxygen System IAW Precise Flight Instructions for Continued Airworthiness Document Number 102NMAN0003 (65) Adjusted high speed stop on the prop governor to achieve 2480 RPM on ground run Flight test performed by CDC PFT Pilot with satisfactory results (66) Removed and replaced the TKS windshield pump IAW CDC AMM 30-07 Ops and leak check satisfactory

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: 6/30/2011

SIGNED:

Peterson, Daniel J
Certified Repair Station No YD5R855Y

Work Order: 14285-06-2011

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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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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N224CT33AN Cirrus SR22T S/N: 22T-0105 Airframe Log Entry

14 July 2011 Flight Hobbs: 0186.4 Hobbs Meter: 0240.1

Inspected inboard fuel drains for operation and sealing. No defects noted. Serviced oxygen as needed.

Serviced all tires as required

[Signature]

L. John Wells A&P 3221132

w/o 30602

MAKE: Cirrus
MODEL: SR22T
S/N: 0105
REG. NO: N224CT
WORK ORDER:
2040-07-2011



Houston Aviation Center, LLC

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

DATE: 8/2/2011
A/C TSN: 258.1
HOBBS: 258.1

Airframe Entries

(Flight Meter: 200.9) CW SB 2X-71-17 "Disbonding of Induction System Air Box Seals" by installing Reinforced Silicone Fiberglass Seal kit P/n 70527-001.

Maintenance Release

The aircraft and/or component(s) on N224CT 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. 2040-07-2011.

DATE: 8/2/2011

SIGNED:

[Signature: Phong Hoang]

P Hoang, A&P: 2712235

Work Order: 2040-07-2011

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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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AIRCRAFT
Model: SR22T
S/N:0105

Date: August 26, 2011.
Aircraft Total Time: 216.3 hrs
Hobbs:279.1 hrs

Aircraft Logbook Entry

The Ignition harness RH was replaced with a new p/n:10-421674-21, s/n_on:K11G, s/n_off:K11A, Performed ground run check., ground run ok.

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance 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 the referenced Work Order.

Signed: ERR, AEP3221522

Work Order: 0110817

MAKE CIRRUS
MODEL SR22T
S/N 0105
REG NO N224CT
WORK ORDER 113633

Clear Star Aviation

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

DATE: 2/3/2012
A/C TSN. 265
FLIGHTTIME: 265

Airframe Entries

Installed new #2 field control module P/N 18268-003. Replaced the #2 alternator output ring terminal
Installed new #2 alternator P/N 657199 S/N H-L110502. Complied with SB 2X-28-10. Complied with SB 2X-71-19. Complied with SB 2X-71-20. Installed new main gear tires and tubes, tire S/N's L/H 12602112 and R/H 12603127

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

DATE 2/3/2012

SIGNED: Isaiah Daw

Work Order: 113633

Daw, Isaiah
Certified Repair Station No. 5CSR009B

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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

MAKE Cirrus
MODEL SR22T
S/N 0105
REG NO N224CT
WORK ORDER 113756

Clear Star Aviation

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

DATE 6/22/2012
A/C TSN 304 7
FLIGHTTIME 304 7

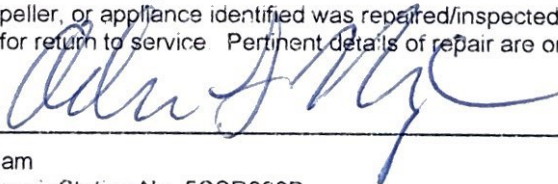
Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals. Inspected O2 system in accordance with the instructions for continued airworthiness document 102NMAN0003 Rev. E. Serviced and tested the #1 battery. Performed ELT operational test per FAR 91.207(d). Installed new outer retaining nut on LH aft passenger Bose headphone jack. Replaced bent pin on PFD connector. Installed replacement TKS tail proportioning unit P/N 26355-003 or 13232-10 S/N CASI10A187 see CAV Aerospace Inc. form 8130-3 work order SSA0000968 dated Apr 2, 2012. Adjusted the LH intercooler so it is not chafing on the baffle. Replaced the sheared rivets on the LH aft baffle. Replaced the intake air SCEET tube on LH side of alternate air door. Secured SCEET tube that was rubbing on the manifold pressure controller and tube under RH turbo. Stop drilled small crack on baffle just in front of Alt #2. Installed the new heater element pad P/N TE02656-115/80 and connector P/N TX02598 on engine oil pan. Installed both new induction air filters P/N 27166-001. Installed new LH aft passenger cup holder P/N 51179-001. Cleaned the air conditioner condenser coil of dirt and soot. Installed missing alternator #2 baffle closeout panel P/N 19058-001. Used the slack at the elevator bellcrank to adjust the angle of the elevators to match at the tips. Cleaned and sprayed protective primer on the nose gear strut tube and applied protective tape on to the areas to prevent further chaffing. Secured main landing gear fairing grommets back to strut legs. Installed new brake caliper shims P/N 068-01100. Complied with SB 2X-21-05 Cabin air coupler actuator rigging by adjusting for proper valve operation. Complied with SB 2X-42-08 by loading Perspective avionics new system software v0764.15. Complied with AD 2012-01-11 by modifying turbo air boxes per SB 2X-71-17R1. Complied with SB 2X-71-18R2 LH induction lift kit by installation of new LH turbo reservoir P/N 658272 and induction filter mount kit P/N 70253-002.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an annual 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: 6/22/2012

SIGNED:



Work Order: 113756

Menge, Adam
Certified Repair Station No 5CSR009B

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MAINTENANCE RECORD

F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9



FLIGHTLEVEL

Airframe Logbook Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	T.T 374.9
W.O.: 8342	Serial #: 0105	Hobbs 481.4
Date: 09/01/2013	Model SR22T	Flight 374.9

Completed annual aircraft inspection this date IAW Cirrus SR22T MM & MM checklist. C/W FAR 91.207(d), ELT Battery next due 2/2017. Reinstalled RH wing tip after repair and paint. Removed LH cabin door and sent out for touch up paint, after touch up reinstalled door. Installed new brake caliper heat sensors 2 each P/N 51698-001. Replaced TKS filters with new 2 each P/N 908-01 filters, installed using new O-rings. Replaced Battery #2 with 2 each P/N 24947-001 batteries. C/W Cirrus SB 2X-28-11 R2 Fuel line replacement and resealed both TKS tanks, installed kit P/N 70267-002. Cirrus SB 2X-27-16 R2 Flap Mod. P/C/W at manufacture. C/W Cirrus SB 2X-79-01 R2, Installed Kit P/N 70263-001. Serviced O2. C/W Precise flight oxygen inspection IAW Precise flight ICA. Installed part of seal on bottom of RH door. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

Signature: _____

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

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
10/3/14	531.5 140665		
	415.4 1=1ight		
		This Aircraft has been inspected and has been found Safe for the intended flight in accordance with Special Flight Permit dated 10/2/14	
		the work	
		10029146 A&P.	



LOGBOOK ENTRY

AIRFRAME

Name: Windsor Aviation LLC

W.O.: 8714

Date: 6/06/2014

A/C: N224CT

Flight Time: 405.0

Hobbs Time: 518.4

AC S/N: 0105

Inspected the wiring to the fuel flow transmitter. Removed sender plug and cleaned with deoxit cleaner. Reinstalled plug. Checked for leaks or broken wires. Run up and ops checked okay.

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

Signature:

A&P 38401436

Lance Drew

FlightLevel Norwood LLC - Maintenance

209 Access Rd., Norwood, MA 02062

F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF

AIRCRAFT TIME

DESCRIPTION OF WORK PERFORMED

COMI

**FLIGHTLEVEL**
N O R W O O D

Airframe Logbook Entry

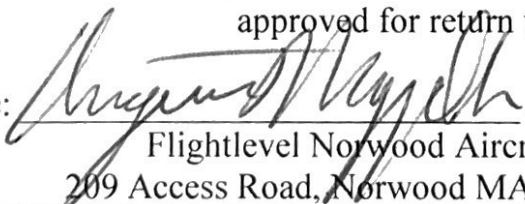
Name: Windsor Aviation, LLC	Tail # N224CT	Flight Time: 443.6
W.O.: 9216	Serial #: 0105	Hobbs Time: 570.0
Date: 11/20/15	Model: SR22T	

Complied with cleaning and repacking of all wheel bearings. Removed fuel flow sensor and installed new fuel flow sensor P/N 26370-002. Ops check good, no leaks noted. Complied with SB 2X-28-12 R1 Electric Fuel pump by inspection. No defects noted at this time. Revision added to POH. Disassembled alternate air box and inspected. Installed (1) spacer P/N 27075-001 and (2) screws P/N MS90725-36. No damage noted. Complied with SB 2X-71-27 R1. Complied with FAR 91.207 (d) Annual ELT test, no defects noted. Completed Precise Flight Annual Oxygen inspection. Removed old seal on top cowling and cleaned area – installed new seal. Removed old deice nozzle bracket and installed new bracket P/N 15373-005. Re-tensioned nose gear pivot tension. Complied with aircraft battery capacity test, found satisfactory. Recharged battery. Replaced all brake pads with new P/N 066-06200. Removed and replaced right side yellow brake temperature sticker with new P/N 51698-003. Removed oxygen bottle and sent out for testing to Precise Flight Inc. for hydrostatic test. After regulator overhaul and certification by Precise Flight Inc., reinstalled bottle into aircraft. Filled bottle and purged system. Installed new POH P/N 13772-003 Reissue A into aircraft. Checked bi-weekly ADs through 2015-23.

I certify that this airframe has been inspected IAW FAR 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature:  Lance Drew A&P 38401436

I certify that this aircraft has been inspected IAW an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature:  August Mazzella A&P IA 1898863
Flightlevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

FICATE NO.
URNED TO SERVICE

AIRFRAME

A/C: N224CT
Hobbs Time:
AC S/N: 0105

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

Signature: Steven Wolff A&P 16629146
FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

AIRCRAFT TIME IN SERVICE

SIGNATURE — CERT. NO.

Name: Brett Schelde Date:

Signature: [Signature]

Title: Production Flight Test Pilot

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 3 / 08 / 2011.
The next inspection is due 3 / 31 / 2012

JEFFREY K. HOLTER
DMIR-410073-CF

INSPECTION RECORD

F.A.R. 43.11-91.409



FLIGHTLEVEL
N O R W O O D

Airframe Logbook Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	
W.O.: 9562	Serial #: 0105	Hobbs 621.1
Date: 12/09/2016	Model SR22T	Flight 483.8

Completed annual aircraft inspection this date IAW FAR 43 Appendix D. C/W FAR 91.207(d), ELT Battery next due 2/2017. Serviced O2. C/W Precise flight oxygen annual inspection IAW Precise flight ICA. Replaced battery and installed RG24-15M S/N 40832950 and updated weight and balance with equipment list. Cleaned, inspected and greased all wheel bearings. Replaced cowl seal on upper cowl. Tightened flap knob. Repaired paint chip on LH wing upper skin. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

C/W Cirrus SB 2X-71-22 Alternate air box modification. Replaced rivets with bolts and nuts in alternate air box.

C/W Cirrus SB 2X-71-25 installed intercooler stiffeners 2 each P/N 31796-001 and 1 each P/N 31796-002.

C/W Cirrus SB 2X-32-22 Nose gear strut inspection. No defects noted.

C/W Cirrus AB 2X-52-08 R2 Catcher Diverter and gas strut rod end replacement for cabin doors. Installed Kit P/N 70544-001.

CAPS Line cutters. Replaced CAPS line cutters 2 each P/N 26707-001 S/N 3615 & 3616 Both DOM 6/2012. Replacement due 6/2018. Installed IAW Cirrus SR22T CMM 95-01-01.

Signature: _____

Steven Wolff
Steven Wolff A&P IA 16629146
Flightlevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE



LOGBOOK ENTRY

AIRFRAME

Name: Windsor Aviation LLC
W.O.: 9623

A/C: N224CT
Flight Time: 493.1
Hobbs Time: 634.6
AC S/N: 0105

Date: 2/27/2017

Removed loaner line cutters and installed new line cutters 2 each P/N 26707-001 IRRL 1116 S/N 10163 and 10175. Both have Date of MFG Nov. 2016. Line cutters next due for replacement Nov. 2022. Installed line cutters IAW SR22T CMM 95-01-01.

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

Signature: _____

Steven Wolff

A&P 16629146

FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

IN-STATUS & DISCREPANCY LIST
PROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

INSPECTION RECORD

F A R 43 11 - 01 400

DATE



FLIGHTLEVEL
N O R W O O D

Airframe Logbook Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	
W.O.: 9898	Serial #: 0105	Hobbs 705.1
Date: 1/22/2018	Model SR22T	Flight 549.9

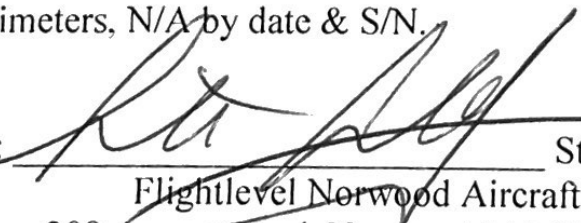
Completed annual aircraft inspection this date IAW FAR 43 Appendix D. C/W FAR 91.207(d), Replaced ELT Battery P/N 452-6499, battery next due replacement 5/2024. Replaced ELT remote switch battery P/N 131-0001. Replaced RH tire P/N 156E66-4 and inner tube P/N 302246401. Serviced O2. C/W Precise flight oxygen annual inspection IAW Precise flight ICA. Cleaned and purged RH OB TKS panel. Serviced nose strut. Replaced nose gear strut fairing seal. Replaced cowl seal in several areas as needed. Tightened fuel caps. Replaced High temp. Decal from RH brake caliper. Replaced Amsafe EMA controller, installed P/N 50358-421 L/N 35146376 Bare code A21 FEB 17-11, CDC P/N 20902-001, Next due replacement 2/2024. Cleaned, inspected and greased all wheel bearings. Replaced nose gear fork thrust washer P/N 50545-001 & nut P/N MS17825-8, adjusted tension and saftied. Replaced TKS filters 2 each P/N 26115-101. Replaced battery #2, 2 each P/N 50979-001. C/W Auto pilot servo 3 year/1000 hr. inspection & 2 year/1000 hr. clutch torque check inspection. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

C/W Cirrus SB 2X-79-04 improved installation of oil pressure sensor. Installed kit P/N 70551-001.

AD's

C/W AD 2017-04-06 Altimeters, N/A by date & S/N.

Signature: 

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686

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 DISAPPROVING AIRCRAFT FOR SERVICE
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LOGBOOK ENTRY

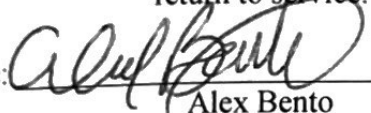
AIRFRAME

Name: Windsor Aviation LLC
W.O.: 9953

A/C: N224CT
Flight Time: 556.9
Hobbs Time: 714.7

Date: 3/6/2018
Replace nose wheel tire P/N 500x5x6 FCIII, and tube P/N 302-013-400
with new I/A/W Cirrus SR22 AMM. Serviced tire and inspected.

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

Signature:  A&P 3804641
(Alex Bento)

FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

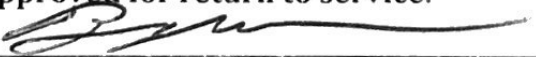


104 Grafton Drive Portsmouth New Hampshire 03801
FAA Certified Repair Station No. P49R490N

February 11, 2019 N224CT Cirrus SR22T S/N 0105 Hobbs: 765.0 W/O A13137

Performed annual ELT test and inspection on the ME406 ELT system to include the transmitter P/N 453-6603 S/N 197-08390 IAW FAR part 91.207(d) and ME406 Series Manual. 15-digit hex ID: ADCC4 08318 00315. Battery P/N 452-6499 replacement due May 2024.

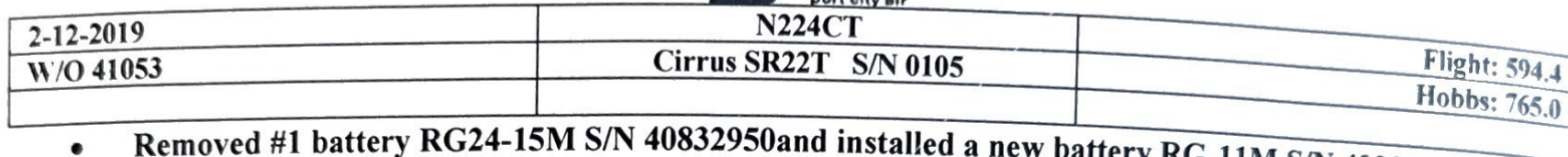
Replaced defective transponder dipole antenna with a new Rami AV22 dipole antenna. Ground ops check good.
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as
manufacturer recommendations and are approved for return to service.

Authorized Signature: Bryan Frobese 

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

**AIRCRAFT TIME
IN SERVICE**

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



- Removed #1 battery RG24-15M S/N 40832950 and installed a new battery RG-11M S/N 40987016.
- Complied with 50-hour servicing of fuel gascolator.
- Removed and replaced right induction filter with P/N 27166-001.
- Complied with operational check and functional check.
- C/W AD 84-26-02 induction filter on right side next due @ 861 flight Hobbs.
- Removed and replaced left TKS tank placard with P/N 25769-001.
- C/W Precise flight annually requirements IAW Precise flight IAC., serviced oxygen

I certify this AIRCRAFT has been inspected in accordance with an Annual inspection. The work / inspections listed above were performed in accordance with the current manufacture's maintenance manuals and current FAA regulations. With respect to the work / Inspections performed, the aircraft identified above was found to be in an airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE: RICHARD P DOLE A&P 3971178 IA

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801

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 DISAPPROVING AIRCRAFT FOR SERVICE



4-15-2020	N224CT	Flight: 643.2
W/O PCA-P160	Cirrus SR22T S/N 0105	Hobbs: 828.6

- C/W Annual per Cirrus Annual/100-hour inspection guide listed in chapter 05-20.
- C/W AD research to ATP rev. 03/20/2020
- Replaced oxygen bottle with P/N 102N0100-1 S/N HPR101190/2498 and new mask & oxymizer cannulas and an overhaul regulator. **Next hydrostatic inspection is due 4/2025.** Serviced oxygen system.
- Removed and replaced 1 each nose wheel bearing and race P/N 08231/20629, 08125/20629.
- Complied with operational check and functional check.
- Serviced nose strut.
- Removed and replaced left wing root (no step) placard with P/N 12433-001
- C/W Precise flight annual requirements IAW Precise flight IAC.

I certify this AIRCRAFT has been inspected in accordance with an Annual inspection. The work / inspections listed above were performed in accordance with the current manufacture's maintenance manuals and current FAA regulations. With respect to the work / Inspections performed, the aircraft identified above was found to be in an airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE: RICHARD P DOLE A&P 3971178 IA *Richard P Dole*
PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



New Hampshire Helicopters

104 Grafton Drive, Portsmouth NH. 03801

FAA Certified Repair Station No. P49R490N

Aircraft: N224CT Date: 4/15/2020

Altimeter: G1000

Test	Error	Test	Error
-1000	-15	14,000	-30
0	-20	16,000	-40
500	-20	18,000	-40
1000	-20	20,000	-40
1500	-20	22,000	-50
2000	-20	25,000	-50
3000	-20	30,000	
4000	-20	35,000	
6000	-20	40,000	
8000	-30	45,000	
10,000	-30	50,000	
12,000	-30		

INSPECTION RECORD

F.A.R. 43.11-91.409



New Hampshire Helicopters

Grafton Drive Portsmouth New Hampshire 03801

FAA Certified Repair Station No. P49R490N

SR22T S/N 0105 Hobbs: 829.1 W/O PCA-A178

static system, Garmin G1000 system and standby altimeters to 25K feet, the
under as required by FAR part 91.411 and 91.413, IAW FAR part 43 appendix E

on the ME406 ELT system to include the transmitter P/N 453-6603 S/N 197-
106 Series Manual. 15-digit hex ID: ADCC4 08318 00315. Battery P/N 452-6499

fixed above were repaired in accordance with current FAR'S as well as
re approved for return to service.
ds



INSPECTION RECORD F.A.R. 43.11-91.409



04 Grafton Drive, Portsmouth NH. 03801
FAA Certified Repair Station No. P49R490N
Aircraft: N224CT
Altimeter: Standby
Date: 4/15/2020

Test	Error	Test	Error
-1000	10	14,000	-20
0	10	16,000	40
500	10	18,000	40
1000	10	20,000	40
1500	10	22,000	50
2000	10	25,000	50
3000	10	30,000	
4000	0	35,000	
6000	0	40,000	
8000	-20	45,000	
10,000	-40	50,000	
12,000	-40		

04 Grafton Drive Portsmouth New Hampshire 03801
FAA Certified Repair Station No. P49R490N

rus SR22T S/N 0105 Hobbs: 829.1 W/O PCA-A178

's static system, Garmin G1000 system and standby altimeters to 25K feet, the
sponder as required by FAR part 91.411 and 91.413, IAW FAR part 43 appendix E

ection on the ME406 ELT system to include the transmitter P/N 453-6603 S/N 197-
ME406 Series Manual.15-digit hex ID: ADCC4 08318 00315. Battery P/N 452-6499

entified above were repaired in accordance with current FAR'S as well as
id are approved for return to service.

hards

April 15, 2020 N224CT Cirrus SR22T S/N 0105 Hobbs: 829.1 W/O PCA-A178

Performed annual ELT test and inspection on the ME406 ELT system to include the transmitter P/N 453-6603 S/N 197-08390 IAW FAR part 91.207(d) and ME406 Series Manual. 15-digit hex ID: ADCC4 08318 00315. Battery P/N 452-6499 replacement due May 2024.

The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.

Authorized Signature: Corey Richards

in accordance with current FAR'S as well as
e.

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 DISAPPROVING AIRCRAFT FOR SERVICE



FLIGHTLEVEL
AVIATION

AIRFRAME

Name: Windsor Aviation, LLC	Tail: N224CT	
W.O.: 11396	Serial: 0105	Flight Time: 668.0 Hobbs Time: 860.6
Date: 8/12/2021	Model: SR22T	

Removed and replaced Cirrus CAPS System per Cirrus SB2X-95-19R3 and Cirrus Maintenance Manual for SR22/SR22T Airframe Parachute System. Installed packed parachute system, **P/N 25574-004 REB, S/N 0159R1**. Exp. Date is July 23, 2031. Installed new rocket motor, **P/N 295000-405, S/N 4476**. Exp. Date is 6/29/2031. Frangible link, **P/N 29705-402**, Ignition kit, **P/N 70271-001** for Garmin **P/N 70273-002**. Installed upgraded MCU140, **P/N 19800-005S, S/N 00828**. See 8130-3 for details. Reinstalled line cutters, **P/N 26707-001, S/N 10163** and **10175**, exp. 11/22. Next CAPS replacement is 6/29/2031. W&B has been revised. See POH.

I certify that this airframe has been inspected IAW FAR 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature: Lance Drew Lance Drew A&P 38401436

FlightLevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

DATE

**FLIGHTLEVEL
AVIATION**

DL

*incorrect log
entry. see**corrected log entry next page 8/26/2021***AIRFRAME**

Name: Windsor Aviation, LLC	Tail #: N224CT	Flight Time: 860.6
W.O.: 11396	Serial #: 0105	Hobbs Time: 668.0
Date: 8/26/2021	Model: SR22T	

Serviced all wheel bearings. C/W FAR 91.207(d) Annual ELT Inspection. No defects noted. Battery replacement date is May 2024. C/W ICA for Precise Flight O2 system. Ne defects noted. Serviced O2 system. C/W Cirrus SB 2X-71-20R1 Alternate Air Valve Assy. Inspection. No defects noted. C/W SB 2X-71-31R1 Oil Line Replacement. Installed new Gascolator, **P/N 14069-002** and oil line, **P/N 43210-001**. C/W Cirrus SB 2X-95-24R2 Rocket Shelf Ground. Installed kit **P/N 70572-001**. Removed and replaced MCU140, **S/N 00828**, upgrade for CAPS replacement. Replaced LH and RH seat inflators, installed (2) inflator, **P/N 20902-005**. LH seat **S/N 27EF22D0191** and RH seat **S/N 27EF322D0348**. Installed (2) harnesses, **P/N 20902-006**, (2) fittings **P/N 20902-007**, and (8) brackets, ~~**P/N 20902-008**~~. Inflators expire 2/2031. Installed (2) #2 batteries, **P/N 50979-001**. Next due 8/2023 or 1168 FH. Cap checked #1 battery. C/W Cirrus SB 2X-42-19 Software Update to 0764.38. new database cards were installed in PFD and MFD for the terrain database, **P/N 010-01432-01**. Checked bi-weekly AD's through 2021-17.

I certify that this airframe has been inspected IAW FAR Part 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature: _____

Lance Drew

A&P 38401436

I certify that this airframe has been inspected IAW FAR 43 Appendix D for an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature: _____

Steven Wolff

IA 16629146

FlightLevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686



FLIGHTLEVEL AVIATION

AIRFRAME

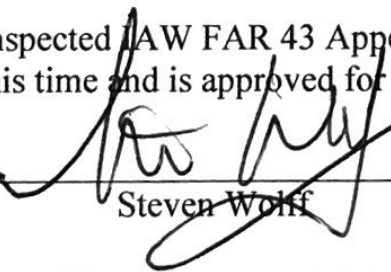
Name: Windsor Aviation, LLC	Tail #: N224CT	Hobbs: 860.6
W.O.: 11396	Serial #: 0105	Flight: 668.0
Date: 8/26/2021	Model: SR22T	

Serviced all wheel bearings. C/W FAR 91.207(d) Annual ELT Inspection. No defects noted. Battery replacement date is May 2024. C/W ICA for Precise Flight O2 system. Ne defects noted. Serviced O2 system. C/W Cirrus SB 2X-71-20R1 Alternate Air Valve Assy. Inspection. No defects noted. C/W SB 2X-71-31R1 Oil Line Replacement. Installed new Gascolator, P/N 14069-002 and oil line, P/N 43210-001. C/W Cirrus SB 2X-95-24R2 Rocket Shelf Ground. Installed kit P/N 70572-001. Removed and replaced MCU140, S/N 00828, upgrade for CAPS replacement. Replaced LH and RH seat inflators, installed (2) inflator, P/N 20902-005. LH seat S/N 27EF22D0191 and RH seat S/N 27EF322D0348. Installed (2) harnesses, P/N 20902-006, (2) fittings P/N 20902-007, and (8) brackets, P/N 20903-008. Inflators expire 2/2031. Installed (2) #2 batteries, P/N 50979-001. Next due 8/2023 or 1168 FH. Cap checked #1 battery. C/W Cirrus SB 2X-42-19 Software Update to 0764.38. new database cards were installed in PFD and MFD for the terrain database, P/N 010-01432-01. Checked bi-weekly AD's through 2021-17.

I certify that this airframe has been inspected IAW FAR Part 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature:  A&P 38401436
Lance Drew

I certify that this airframe has been inspected IAW FAR 43 Appendix D for an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature:  IA 16629146
Steven Wolff

FlightLevel Norwood Aircraft Maintenance
209 Access Road, Norwood MA 02062 781-769-8686

ter/Transponder Certification Checklist.

ed 8/9/2022

FAR 91.411 & 91.413 Part 43 CERTIFICA

& FAR 91, APPENDIX G, WHEN APPLICABLE

CERTIFICATION; (☒) IFR CERTIFICATION; () VFR CERTIFICATION

Coalt INSPECTED BY: Steven Coalt

A/C S/N: 105 W.O. #: 22-12012 R

ADC MAKE: Garmin P/N: 24651 S/N: 20610060

N: 100685937 CALIBRATED: 5/26/22 CAL. DUE: 5/26/23

76280 CALIBRATED: 5/23/22 CAL. DUE: 5/23/23

☒ PART 43 APPX. E (A) (1)

C/W ☒ PART 43 APPX. E (B) (V)

N. TOL., -100 FT. C/W ☒ PART 43 APPX. E (A) (2)

VALENT ALTITUDE OF THE MAX. CABIN DIFFERENTIAL PRESSURE

☒ PART 43 APPX. E (A) (2)

FOR ELECTRONIC FLIGHT INSTRUMENTS/AIR DATA COMPUTERS

MANANCE MANUAL C/W ☒ PART 43 APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.
29.92	<u>-20</u>	0
30.50	<u>510</u>	+531
30.90	<u>870</u>	+893
30.99	<u>950</u>	+974

T 43 APPX. E (B) (iii)

43 B) (i) ROR	TOL. +/- FT.	PART 43 APPX. E (C) ENCODER TESTS ENC READING TOL. +/- 125 FT	TRANSPONDER TEST PART 43 APPX. F
0	20	<u>-1000</u>	
	20	<u>0</u>	

INSPECTION RECORD
F.A.R. 43.11-91.409

Logbook Entry

Name: <u>Windsor Aviation</u>	Date: <u>9/13/22</u>	W.O. #: <u>22-12012R</u>
A/C: <u>N 224CT</u>	A/C S/N: <u>105</u>	Tach/Hobbs: <u>699.0</u>

I certify that the altimeter(s)/Air Data Computer(s), static system(s) and altitude reporter test required by FAR's 91.411 & 91.217 has been performed and found within limits of FAR 43 Appendix E.

This altimeter/air data computer has been tested to 25,000 feet.

#1 ADC/Altimeter Model: GDC74A P/N: 24651-001 S/N: 26610066
#2 ADC/Altimeter Model: GDC74A P/N: 24651-001 S/N: 20610067
#3 Standby ADC/Altimeter Model: N/A P/N: 12731-003 S/N: 491112

I certify that the following transponder(s) have been tested and inspection as required by FAR 91.413 and found within limits of FAR 43 Appendix F.

#1 Transponder Model: GTX 33 P/N: 24653-001 S/N: 89120975
#2 Transponder Model: N/A P/N: N/A S/N: N/A

Signature: [Signature]

FlightLevel Norwood, LLC

Norwood Airport - KOWD
209 Access Road, Norwood MA 02062

CRS #FRKR-394D

FORM FLN A-5

Revision #2, dated 7/17/19

FOR SERVICE

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

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



FLIGHTLEVEL
N O R W O O D

Airframe Logbook Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	
W.O.: 11987	Serial #: 0105	Hobbs 900.3
Date: 9/23/2022	Model SR22T	Flight 699.0

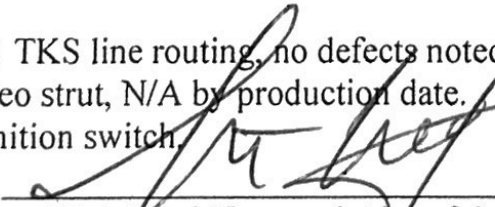
Completed annual aircraft inspection this date IAW FAR 43 Appendix D. C/W FAR 91.207(d), Replaced ELT battery next due replacement 5/2024. C/W Precise flight oxygen annual inspection IAW Precise Flight O2 ICA. Note: oxygen masks and flow meters not installed in aircraft. Cleaned, inspected and greased all wheel bearings. Swapped roll and pitch auto pilot servo's. C/W Auto pilot servo 3 year/1000 hr. inspection & 2 year/1000 hr. clutch torque check inspection. Replaced TKS filters P/N 908-01. Replaced Both engine air filters P/N 27166-001. C/W 2 year magnetometer calibration check. Weighed fire extinguisher and noted weight on label, no defects noted. Performed battery capacity test on main battery, battery passed, recharged and installed. Performed CAPS ignition inspection. Replaced Both brake disc's and all brake linings P/N 164-02504 and 066-06200. Replaced LH turbo intake duct. Purged LH & RH horizontal stabilizer TKS panels. Reattached LH gear fairing grommet. Replaced LH & RH outboard hinges P/N 11626-004 on LH & RH elevator attachment hinges, replaced all hinge pins P/N 11621-002. C/W nose strut inspection, no defects noted. Serviced nose oleo strut with nitrogen. Replaced nut plate P/N MS21059-08 on bottom LH cowl. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

C/W Cirrus MSB 2X-34-29 R1 TKS line routing, no defects noted.

C/W Cirrus MSB 2X-32-25 Oleo strut, N/A by production date.

C/W Cirrus MSB 2X-74-02 Ignition switch.

Signature: 

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686

FT FOR SERVICE

☒ FAR'S

060
067
112

413

0975
A.

Transponder Certification Checklist. 18/9/2022

INSPECTION RECORD

FAR 91.411 & 91.413 Part 43 CERTIFICATION
& FAR 91, APPENDIX G, WHEN APPLICABLE
CERTIFICATION; (☒) IFR CERTIFICATION; () VFR CERTIFICATION

INSPECTED BY: Steven Wright

VC S/N: 105 W.O. #: 25-13110R

ADC MAKE: Garmin P/N: 24651-001 S/N: 20610060

1065937 CALIBRATED: 5/6/24 CAL. DUE: 5/6/25

80 CALIBRATED: 5/8/24 CAL. DUE: 5/8/25

☒ PART 43 APPX. E (A) (1)

☒ PART 43 APPX. E (B) (V)

TOL., -100 FT. C/W ☒ PART 43 APPX. E (A) (2)

ILENT ALTITUDE OF THE MAX. CABIN DIFFERENTIAL PRESSURE

PART 43 APPX. E (A) (2)

OR ELECTRONIC FLIGHT INSTRUMENTS/AIR DATA COMPUTERS

ANCE MANUAL. C/W NA PART 43 APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.
29.92		
30.50		0
30.90		+531
30.99		+893
		+974

43 APPX. E (B) (iii)

(i) OR	TOL. +/- FT.	PART 43 APPX. E (C) ENCODER TESTS
		ENC READING
		TOL. +/- 125 FT

INSPECTION RECORD
F.A.R. 43.11-91.409

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

Name: Windsor Aviation Logbook Entry

A/C: N224CT

Date: 11/15/25

A/C S/N: 105

W.O. #: 25-13110R

Tach/Hobbs: 754.9

I certify that the altimeter(s)/Air Data Computer(s), static system(s) and altitude reporter test required by FAR's 91.411 & 91.217 has been performed and found within limits of FAR 43 Appendix E.

This altimeter/air data computer has been tested to 25,000 feet.

#1 ADC/Altimeter Model: GDC 74A

P/N: 24651-001

S/N: 20610060

#2 ADC/Altimeter Model: GDC 74A

P/N: 24651-001

S/N: 20610067

#3 Standby ADC/Altimeter Model: N/A

P/N: 12731-003

S/N: 491112

I certify that the following transponder(s) have been tested and inspection as required by FAR 91.413 and found within limits of FAR 43 Appendix F.

#1 Transponder Model: GTX 33

P/N: 24653-001

S/N: 89120975

#2 Transponder Model: N/A

P/N: N/A

S/N: N/A

Signature: [Signature]

FlightLevel Norwood, LLC

Norwood Airport - KOWD
209 Access Road, Norwood MA 02062

CRS #FRKR-394D

FORM FLN A-5

Revision #2, dated 7/17/19

1. Approving Civil Aviation
Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

ACR Electronics, Inc., 5757 Ravenswood Road, Fort Lauderdale, FL 33312-6603

PT11

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

1

ARTEX BATTERY ME406 KIT YEL

455-0012

15

1014798-001

12. Remarks:

AIRWORTHINESS APPROVAL

Item 1 is a Sub-Component of TSO C126/C91a Article.

BATTERY EXPIRATION DATE: FEB/2031

PRE-APPROVED: 579511278-2024-0010

13a. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in a condition for safe operation.

MA Controller next due replacement 11/2031.

Signature:

Steven Wolff IA 16629146

Flightlevel Norwood Aircraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686

AIRCRAFT TIME

KIND OF INSPECTION-STATES


FLIGHTLEVEL
 NORWOOD

Airframe Logbook Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	Hobbs 975.0
W.O.: 13097	Serial #: 0105	Flight 754.9
Date: 1/24/2025	Model SR22T	

Completed annual aircraft inspection this date IAW FAR 43 Appendix D. C/W FAR 91.207(d), Replaced ELT battery P/N 455-0012 S/N 1014798-006, ELT battery next due replacement 2/2031. Performed battery capacity test on main battery, battery passed, recharged and installed. Performed CAPS ignition inspection. C/W nose strut inspection, no defects noted. C/W FIKI inspection. Cleaned, Inspected and greased all wheel bearings. C/W annual precise flight oxygen system inspection, removed oxygen bottle and regulator for hydrostatic test and regulator overhaul, updated weight and balance and placarded instrument panel O2 INOP. Replaced RH main wheel outboard bearing & race P/N 13889 & P/N 13836. Replaced LH & RH brake caliper decals due to coming off as needed P/N 51698-003 & P/N 51698-001. Replaced nose gear thrust washer P/N 50545-001 and nut P/N MS17825-8, set tension and safetied. Serviced nose strut with nitrogen. Repositioned as needed engine fuel drains. Freed RH TKS tank quantity float. Replaced O-rings 2 each P/N 15164-092 in TKS line in LH wing most inboard and forward panel location. Replaced nose strut upper strut hinge tab P/N 26960-104. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

AD's

AD 2024-24-11 Upper Power Lever, Due at 1200 Flight hours.

SB's

C/W Cirrus SB 2X-25-30 R1 Crew Seat Back Break Over Bolt Adjustment, adjusted pilots and co-pilots seats.

Life Limited Parts:

Replaced Amsafe EMA Controller with new P/N 508358-421, L/N 40486443, S/N A11NOV24-138 date of Manufacture A1124, EMA Controller next due replacement 11/2031.

Signature: _____

Steven Wolff IA 16629146

Flightlevel Norwood Aircraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686

FORM FLN A-1 Altimeter/Transponder Certification Checklist.

Revision 1, dated 9/19/17

FlightLevel Norwood, LLC

FAR 91.411 & 91.413 Part 43 CERTIFICATION

() IFR CERTIFICATION; () VFR CERTIFICATION

SYSTEM #: ADK-1 DATE: 1/12/18 PERFORMED BY: Steven Warr INSPECTED BY: Steven Warr
 CUSTOMER: Windsor Aviation A/C N#: 224CT A/C S/N: 0105 W.O. #: 9879R
 ALT. MAKE: N/A P/N: N/A S/N: N/A ADC MAKE: Garmin P/N: 011-00883 S/N: 20610060
 TRANSPONDER TESTER: AvioFlex MODEL: IFR6000 S/N: 10000654608 CALIBRATED: 3/13/17 CAL. DUE: 3/13/18
 PITOT/STATIC TESTER: Barckard MODEL: DP51000 S/N: 00470 CALIBRATED: 1/13/17 CAL. DUE: 1/13/18

1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W ☒ PART 43 APPX. E (A) (1)
2. CASE LEAK TEST @ 18K FT FOR 1 MIN. TOLERANCE. 100 FT. C/W ☒ PART 43 APPX E (B) (V)
3. STATIC SYSTEM: UNPRESS @ FLD ELEV. +1000 FT FOR 1 MIN. TOL., -100 FT. C/W ☒ PART 43 PRESSURIZED @ 30K FT. FOR 1 MIN. TOL. -500 FT. C/W N/A APPX. E (A) (2)
4. ALT. BARO SCALE ERROR TEST REF. ALT: 0 FT=29.92 IN. HG. C/W ☒ APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	-1750	-1727	29.92	-20	0
28.50	-1360	-1340	30.50	510	+531
29.00	-880	-863	30.90	875	+893
29.50	-410	-392	30.99	955	+974

5. AFTER EFFECT ERROR 0 TOLERANCE 30 FT. PART 43 APPX E (B) (iii)

TESTER PRESS IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS	TRANSPONDER TEST PART 43		
		BEFORE VIB. READING	AFTER VIB. READING				ENC READING TOL. +/- 125 FT	TEST	READ.	TOL.
31.018	-1000	N/A	N/A	N/A	-20	20	-1000			
29.921	0	N/A	N/A	N/A	-20	20	0			
29.385	500	N/A	N/A	N/A	-20	20	500			
28.856	1000	980	980	70	-20	20	1000			
28.335	1500	N/A	N/A	N/A	-20	25	1500			
27.821	2000	1980	1980	70	-20	30	2000			
26.817	3000	2980	2980	70	-20	30	3000			
25.842	4000	N/A	N/A	N/A	-25	35	4000			
24.896	5000	4975	4975	70	-25	N/A	5000			
23.978	6000	N/A	N/A	N/A	-25	40	6000			
22.225	8000	N/A	N/A	N/A	-30	60	8000			
20.577	10000	9970	9970	80	-30	80	10000			
19.029	12000	N/A	N/A	N/A	-30	90	12000			
17.577	14000	N/A	N/A	N/A	-30	100	14000			
16.886	15000	14965	14965	90	-35	N/A	15000			
16.216	16000	N/A	N/A	N/A	-35	110	16000			
14.942	18000	N/A	N/A	N/A	-35	120	18000			
13.750	20000	19960	19960	100	-40	130	20000			
12.636	22000	N/A	N/A	N/A	-40	140	22000			
11.104	25000	24960	24960	120	-40	155	25000			
8.885	30000			140		180				
7.041	35000			160		205				
5.538	40000			180		230				
4.355	45000	N/A	N/A	N/A		255				
3.425	50000			250		280				

6. HYSTERESIS: 50% MAX. ALT. 0 ERROR +/- 75 FT. 40% MAX ALT. 0 ERROR +/- 75 FT. (B) (ii).
7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W N/A PART 43 APPX. E (A) (3).
8. STATIC PORT AREA NOT DEFORMED OR ALTERED. C/W N/A PART 43 APPX E. (A) (4).

FORM FLN A-1 Altimeter/Transponder Certification Checklist.
Revision 1, dated 9/19/17

FlightLevel Norwood, LLC

FAR 91.411 & 91.413 Part 43 CERTIFICATION

SYSTEM #: ADC-2 DATE: 1/12/18 PERFORMED BY: Steven L. Wolf INSPECTED BY: Steven L. Wolf
CUSTOMER: Windsor Aviation A/C #: 224CT A/C S/N: 005 W.O. #: 98292
ALT. MAKE: N/A P/N: N/A S/N: N/A ADC MAKE: Garmin P/N: 000000882 S/N: 20610067
TRANSPONDER TESTER: Aviation MODEL: IFR6000 S/N: 10000084608 CALIBRATED: 3/13/17 CAL. DUE: 3/13/18
PITOT/STATIC TESTER: Barfield MODEL: DP56000 S/N: 00470 CALIBRATED: 11/13/17 CAL. DUE: 11/13/18

1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W ☒ PART 43 APPX. E (A) (1)
2. CASE LEAK TEST @ 18K FT FOR 1 MIN. TOLERANCE. 100 FT. C/W ☒ PART 43 APPX E (B) (V)
3. STATIC SYSTEM: UNPRESS @ FLD ELEV. +1000 FT FOR 1 MIN. TOL., -100 FT. C/W ☒ PART 43
PRESSURIZED @ 30K FT. FOR 1 MIN. TOL. -500 FT. C/W N/A APPX. E (A) (2)
4. ALT. BARO SCALE ERROR TEST REF. ALT: 0 FT=29.92 IN. HG. C/W ☒ APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	-1740	-1727	29.92	-18	0
28.50	-1350	-1340	30.50	520	+531
29.00	-885	-863	30.90	880	+893
29.50	-405	-392	30.99	960	+974

5. AFTER EFFECT ERROR 6 TOLERANCE 30 FT. PART 43 APPX E (B) (iii)

TESTER PRESS IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS	
		BEFORE VIB. READING	AFTER VIB. READING				ENC READING TOL. +/- 125 FT	
31.018	-1000	N/A	N/A	N/A	-15	20	-1000	TRANSPONDER TEST PART 43
29.921	0	N/A	N/A	N/A	-18	20	0	
29.385	500	N/A	N/A	N/A	-15	20	500	TEST READ. TOL.
28.856	1000	985	985	70	-15	20	1000	
28.335	1500	N/A	N/A	N/A	-15	25	1500	FREQ +/-3 MHZ
27.821	2000	1985	1985	70	-15	30	2000	TX PWR >125 WATTS
26.817	3000	2980	2980	70	-20	30	3000	
25.842	4000	N/A	N/A	N/A	-20	35	4000	SENS MODE A -73 +/- 4 DBM
24.896	5000	4980	4980	70	-20	N/A	5000	
23.978	6000	N/A	N/A	N/A	-20	40	6000	SENS MODE C -73 +/- 4 DBM
22.225	8000	N/A	N/A	N/A	-20	60	8000	
20.577	10000	9980	9980	80	-20	80	10000	DIFF A & C +/- 1 DBM
19.029	12000	N/A	N/A	N/A	-20	90	12000	
17.577	14000	N/A	N/A	N/A	-20	100	14000	SLS @ 0 DBM 1% REPL MAX
16.886	15000	14980	14980	90	-20	N/A	15000	
16.216	16000	N/A	N/A	N/A	-25	110	16000	SLS @ -9 DBM 90% REPL MAX
14.942	18000	N/A	N/A	N/A	-25	120	18000	
13.750	20000	19975	19975	100	-25	130	20000	IDENT CHECK ()
12.636	22000	N/A	N/A	N/A	-30	140	22000	
11.104	25000	24970	24970	120	-30	155	25000	DIGITS CHECK ()
8.885	30000			140		180		LIGHTING CHECK ()
7.041	35000			160		205		ANTENNA CHECK ()
5.538	40000			180		230		TRANSPONDER:
4.355	45000	N/A	N/A	N/A		255		P/N:
3.425	50000			250		280		S/N:

6. HYSTERESIS: 50% MAX. ALT. 0 ERROR +/- 75 FT. 40% MAX ALT. 0 ERROR +/- 75 FT. (B) (ii).
7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W N/A PART 43 APPX. E (A) (3).
8. STATIC PORT AREA NOT DEFORMED OR ALTERED. C/W N/A PART 43 APPX E. (A) (4).

FORM FLN A-1 Altimeter/Transponder Certification Checklist.
Revision 1, dated 9/19/17

FlightLevel Norwood, LLC

FAR 91.411 & 91.413 Part 43 CERTIFICATION

SYSTEM #: Stand DATE: 1/12/18 PERFORMED BY: Steven Wood INSPECTED BY: Steven Wood
CUSTOMER: Wenderson Aviation A/C N#: 224CT A/C S/N: 0105 W.O. #: 9879R
ALT. MAKE: United P/N: 8934AD-3 S/N: 49112 ADC MAKE: N/A P/N: N/A S/N: N/A
TRANSPONDER TESTER: AviTex MODEL: HR6000 S/N: 10000684608 CALIBRATED: 3/13/17 CAL. DUE: 3/13/18
PITOT/STATIC TESTER: Barefield MODEL: DPS1000 S/N: 60470 CALIBRATED: 11/13/17 CAL. DUE: 11/13/18

1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W ☒ PART 43 APPX. E (A) (1)
2. CASE LEAK TEST @ 18K FT FOR 1 MIN. TOLERANCE. 100 FT. C/W ☒ PART 43 APPX E (B) (V)
3. STATIC SYSTEM: UNPRESS @ FLD ELEV. +1000 FT FOR 1 MIN. TOL., -100 FT. C/W ☒ PART 43
PRESSURIZED @ 30K FT. FOR 1 MIN. TOL. -500 FT. C/W N/A APPX. E (A) (2)
4. ALT. BARO SCALE ERROR TEST REF. ALT: 0 FT=29.92 IN. HG. C/W ☒ APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	<u>-1710</u>	-1727	29.92	<u>15</u>	0
28.50	<u>-1325</u>	-1340	30.50	<u>530</u>	+531
29.00	<u>-840</u>	-863	30.90	<u>915</u>	+893
29.50	<u>-380</u>	-392	30.99	<u>999</u>	+974

5. AFTER EFFECT ERROR 10 TOLERANCE 30 FT. PART 43 APPX E (B) (iii)

TESTER PRESS IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS ENC READING TOL. +/- 125 FT	TRANSPONDER TEST PART 43		
		BEFORE VIB. READING	AFTER VIB. READING					TEST	READ.	TOL.
31.018	-1000	N/A	N/A	N/A	<u>-10</u>	20	<u>-1000</u>			
29.921	0	N/A	N/A	N/A	<u>15</u>	20	<u>0</u>			
29.385	500	N/A	N/A	N/A	<u>-5</u>	20	<u>500</u>			
28.856	1000	<u>1060</u>	<u>1040</u>	70	<u>15</u>	20	<u>1000</u>	FREQ	<u>1082.94</u>	+/-3 MHZ
28.335	1500	N/A	N/A	N/A	<u>0</u>	25	<u>1500</u>	TX PWR	<u>239</u>	>125 WATTS
27.821	2000	<u>2060</u>	<u>2040</u>	70	<u>10</u>	30	<u>2000</u>	SENS MODE A	<u>-74.9</u>	-73 +/- 4 DBM
26.817	3000	<u>3060</u>	<u>3040</u>	70	<u>18</u>	30	<u>3000</u>	SENS MODE C	<u>-74.9</u>	-73 +/- 4 DBM
25.842	4000	N/A	N/A	N/A	<u>15</u>	35	<u>4000</u>	DIFF A & C	<u>.2</u>	+/- 1 DBM
24.896	5000	<u>5060</u>	<u>5030</u>	70	<u>0</u>	N/A	<u>5000</u>	SLS @ 0 DBM	☒	1% REPL MAX
23.978	6000	N/A	N/A	N/A	<u>-10</u>	40	<u>6000</u>	SLS @ -9 DBM	☒	90% REPL MAX
22.225	8000	N/A	N/A	N/A	<u>-25</u>	60	<u>8000</u>	IDENT CHECK		(✓)
20.577	10000	<u>10020</u>	<u>10000</u>	80	<u>-40</u>	80	<u>10000</u>	DIGITS CHECK		(✓)
19.029	12000	N/A	N/A	N/A	<u>-45</u>	90	<u>12000</u>	LIGHTING CHECK		(✓)
17.577	14000	N/A	N/A	N/A	<u>-60</u>	100	<u>14000</u>	ANTENNA CHECK		(✓)
16.886	15000	<u>15010</u>	<u>14980</u>	90	<u>-60</u>	N/A	<u>15000</u>	TRANSPONDER: <u>GTA33</u>		
16.216	16000	N/A	N/A	N/A	<u>-50</u>	110	<u>16000</u>	P/N: <u>011-00779-10</u>		
14.942	18000	N/A	N/A	N/A	<u>-40</u>	120	<u>18000</u>	S/N: <u>89120975</u>		
13.750	20000	<u>20050</u>	<u>20005</u>	100	<u>-20</u>	130	<u>20000</u>			
12.636	22000	N/A	N/A	N/A	<u>15</u>	140	<u>22000</u>			
11.104	25000	<u>25120</u>	<u>25060</u>	120	<u>60</u>	155	<u>25000</u>			
8.885	30000			140		180				
7.041	35000			160		205				
5.538	40000			180		230				
4.355	45000	N/A	N/A	N/A		255				
3.425	50000			250		280				

6. HYSTERESIS: 50% MAX. ALT. -25 ERROR +/- 75 FT. 40% MAX ALT. -40 ERROR +/- 75 FT. (B) (ii).
7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W N/A PART 43 APPX. E (A) (3).
8. STATIC PORT AREA NOT DEFORMED OR ALTERED. C/W ☒ PART 43 APPX E. (A) (4).