

N230WA

AIRCRAFT LOG
AF5-1



N230WA

Cirrus SR 20

S/N: 2229

Airframe Logbook #1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-20 DATE OF MFG. APR 2013

SERIAL NUMBER 2229 REGISTRATION NUMBER N230WA

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

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 _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	CONTINENTAL MOTORS INC.	TQ-360-ES	1007857
ENGINE			
PROPELLER	HARTZELL PROPELLER INC.	PHC-J3yF-1RF	FP8159B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE

3/28/13

DESCRIPTION OF ALTERATION

STC SA02013CH (Traffic Advisory System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.

CDC  on 3/28/13

Cirrus Design Corporation Duluth, MN USA
PRODUCTION CERTIFICATE NO. 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

AGENCY
CERT. NO.

REMOVAL
DATE/HOURS

LIFE LIMIT
OR T.B.O.

TIME ON PART
AT INSTALL

INSTALLATION
DATE/HOURS

SERIAL
NUMBER

PART
NUMBER

NAME OF
PART

Life Limited Parts SR20						
PART NAME	PART NUMBER		EXPIRES			
CAPS Rocket Motor	29500-003	S/N 0013	04/09/23			
CAPS Parachute	25337-005	S/N B11116	03/08/23			
CAPS Reefing Line Cutters	26707-001	S/N: 3764 S/N: 3727	04/10/19			
ELT Battery Pack	452-6499	Date Installed 04/09/2013	05/2020			
EMA Controller, AAIR	20902-001	S/N: A08MAR13-19	03/2020			
CO Detector	24660-003	S/N 10595	03/2020			
Pilot Seat Inflator Assembly	20902-002	AASI164Z S/N 20530	11/01/2022			
Co-Pilot Seat Inflator Assembly	20902-002	AASI164Z S/N 20524	11/01/2022			

Line cutters
Next Due 08/2024
ETA
Next Due 7/2027
EMA
Next Due 6/2027
CO Detector
Next Due 7/2027

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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DATE: 30 October, 2013
A/C TSN: 275 9
FLIGHTTIME: 206.4

US Flight Aircraft Maintenance

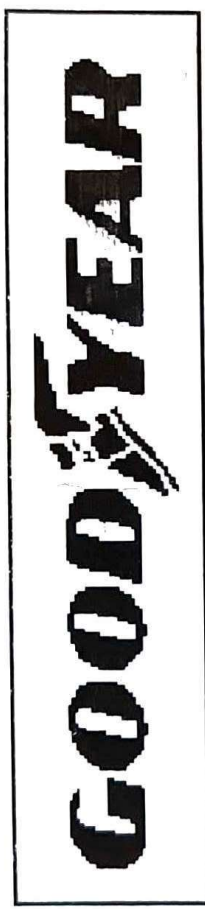
1 Wallingford Rd
Hangar 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

MAKE: Cirrus
MODEL: SR-20
S/N: 2229
REG NO: N230WA
WORK ORDER:
07611-10-2013

Airframe Entries

(1) BATTERY 2 DUE FOR REPLACEMENT... Removed battery pack and disassemble. Installed NEW Batteries P/N 50979-001.

Functional checks good... (2) LEFT MAIN TIRE WORN... Replaced tire and tube with NEW Tire P/N 15X6.00-6 Good year Flight



CERTIFICATE OF CONFORMANCE

Code material: 186518	Tube size: G15/6.00-6 TR20	Product Identification: 302-246-401
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We hereby certify that the parts supplied and produced on this date are manufactured according to the physical properties and balancing specifications outlined in the Aerospace Standard Specification-SAE AS50141A. Substantiating documents regarding the subjects parts are on file for inspection upon request.

1357	RF6005	02/24/13
1654	C A4	11:57

MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

DATE 1/22/2014
WO# 77402
TACH 263.8
T/T
TSMOH

MODEL SR20
S/N 2229
REG N230WA
HOBBS



Complete Work

WA-16 Rev. C

Log Book Attachment
Removed and replace
Wheels and Brakes N
Work performed by L



HOBBS

Code Material: 186491
Tube size: 5.00-5 TR67

We hereby certify that the parts supplied and produced on this date are manufactured according to the physical properties and balancing specifications listed in the Aerospace Standard Specification for SAE AS5010. Subsequent to the date of the subject parts are for the section upon request.

By *[Signature]* Date *2-14*
Carrier *Customer*
Weight *[Blank]*
g # *[Blank]*
302-013-400

RECEIVED



07/31/13 11:00

1357 C RE5001 A4

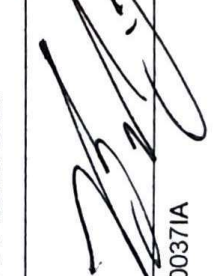
[Signature]

Dave Normandeau
A&P 2455116

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
		<p>DATE 1/22/2014 MODEL SR20</p> <p>WO# 77402 S/N 2229</p> <p>TACH 263.8 REG N230WA</p> <p>T/T</p> <p>TSMOH HOBBS</p>	 <p>WIGGINS AIRWAYS</p> <p><i>1 Garside Way</i> Manchester, NH 03108-4920 603-629-9191, Fax 603-668-3753</p>
		WA-16 Rev. Original Page 1 of 1	
		Log Book Attachment: Airframe	
		Removed and replaced leaking nose tire tube IAW Cirrus AMM 32-20, 32-41 and Cleveland Wheels and Brakes MM.	
		Work performed by Lincoln Spencer, A&P 2653985.	
			
		Dave Normandeau A&P 2455116	

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
LINE MODEL 10-360ES ENGINE SN: 1007857 PART NO N230WA WORK ORDER 07681-03-2014	US Flight Aircraft Maintenance 1 Wallingford Rd Hangar 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088	DATE: 06 March, 2014 A/C TSN: 403.2 ENG TT: 403.2 FLIGHTTIME: 300.6	
Log Entries			
#6 EXHAUST STACK BRACKET ELONGATED... Loosen and remove nuts for #2, #4 & #6 Exhaust stacks.			
Remove Collector to #6 stack bolt.			
Removed stack for repair.			
Exhaust Stack bolt flange welded with steel on both sides of elongated hole and drilled per AC43.13 1B 4-75 (4-57).			
Installed repaired #6 exhaust stack and existing stacks with new exhaust gaskets and new bolt.			
Adjusted tailpipe to alleviate twisting tension on collector to #6 stack bolt.			
work performed has been approved for return to service.			
DATE: 06 March, 2014	SIGNED:		Work Order: 07681-03-2014 Printed by EBis 3 (datcomedia.com)

1. Approving National Aviation Authority/Country:

FAA/UNITED STATES

2.

AUTHORIZED RELEASE

FAA Form 8130-3, AIRWORTHINESS

4. Organization Name and Address:

Whelen Engineering Co. Inc. 51 Winthrop Road Chester, CT 064

6. Item:	7. Description:	8. Part Number:	9. Eligibility:
1	LED POS / AC LIGHT	9056906	N/A
		01-0790569-06	

13. Remarks:
CDC# 17140-007

REBUILT TO ORIGINAL PAH'S SPECIFICATION

THIS FAA APPROVED TSO ARTICLE IS APPROVED FOR RETURN TO SERVICE BY THE
 90569B Rev. Date 12/23/2010
 ON THIS DATE: JUL/17/2012, BY TECHNICIAN [Signature]

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

19.

MA
MC
S/P
RE
W


A

1

T

D

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
		<p>US Flight Aircraft Maintenance</p> <p>1 Wallingford Rd Hangar 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088</p> <p>DATE: 19 June, 2014 A/C TSN: 538 9 FLIGHTTIME: 401.4</p>	
		<p>Life Frame Entries</p> <p>ALL BRAKE LININGS WORN OUT ... Installed 8 new 66-10500 linings.</p> <p>RIGHT MAIN TIRE HAS FLAT SPOT ... Installed a Wilkerson 15X6.00X6 Goodyear retread #1214555 s/n 73060134 with a new Goodyear 15X6.00X6 tube. See tag dated 5/23/12.</p> <p>LEFT MAIN TIRE HAS FLAT SPOT ... Installed a Wilkerson 15X6.00X6 Goodyear retread #1235027 s/n 71031024. See tag dated 11/6/12.</p> <p>ENGINE AIR FILTER DUE FOR REPLACEMENT ... Installed new Brackett BA-24 filter element.</p> <p>ALL LANDING GEAR FARING BLOCKS ARE LOOSE ... Cleaned and bonded faring blocks with cyanoacrylate.</p>	
		<p>The work performed has been approved for return to service.</p>	
DATE 19 June, 2014		<p>SIGNED: </p> <p>SCOTT SPLETZER, A&P: 3402681</p>	<p>Work Order: 07738-06</p> <p>Printed by EBis 3 (datcomed)</p>

**MAINTENANCE RECORD
F.A.R. 43.9**

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AIRCRAFT TIME
IN SET

**WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930**

INSPECTION RECORD AND WORK ORDER

NUMBER 1214555

DATE 5/7/2012

CUST/AC TYPE WCO

SIZE 15X6.00-6

PLY 6 R-LEVEL 1

SERIAL 73060134

MFG Goodyear

OTHER _____

MAINTENANCE RELEASE

This aircraft tire was retreaded and inspected IAW current FAR's and was found airworthy for return to service. Pertinent details on file.

230WA

RELEASED BY Robert Doyle *RT*

Date Released 5/23/2012

WILKERSON COMPANY INC.-FAA MQ1R331K
206 W. Virginia Ave.
Crewe, VA 23930
434-645-9641 (Fax 434-645-7759)



30WA
ER 07738-06-2014
Entries
L BRAKE LINING
GHT MAIN TIRE
e tag dated 5/23
FT MAIN TIRE
GINE AIR FILT
L LANDING G
erformed has be
June, 2014

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
<p>US Flight Aircraft Maintenance</p> <p>1 Wallingford Rd Hangar 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088</p> <p>DATE: 10 October 2 A/C: 734 57 FLIGHTTIME: 30</p>			
<p>MAKE: Cirrus MODEL: SR-20 S/N: 2229 REG. NO.: N233WA WORK ORDER: 07827-10-2014</p>			
<p>Airframe Entries</p>			
2		NOSE WHEEL CASTERING VERY STIFF... Remove nose fork assy and found spindle cup and thrust bearing corroded. Clean all parts of corrosion, apply fresh corrosion block grease to bellville washers and spindle threads, replace thrust washer and lock nut.	
5		Set tension to 25lbs of deflection per Cirrus SR-20 MM Ch-32. #1 ALTERNATOR 500 HOUR INSPECTION IS DUE... Removed alternator P/N 653344, S/N H-K-261201. C/W 500hr/ 2yr periodic inspection I/AAW Hartzell Technologies overhaul manual P/N OE-A2 Rev. 05. Installed alternator with new 649984 gasket and hardware.	
6		Test run. No defects noted. Due again at 1000.7 hours TT or OCT 2016. #2 ALTERNATOR 500 HOUR INSPECTION IS DUE... Removed alternator P/N ES-4024LP, S/N H-M181387. C/W 500hr/ 2yr periodic inspection I/AAW Hartzell Technologies overhaul manual P/N OE-A2 Rev. 05. Installed alternator.	
7		Test run. No defects noted. Due again at 1000.7 hours TT or OCT 2016. ENGINE MOUNT WELDMENT 500 HOUR TORQUE CHECK IS DUE... Torqued engine mount bolts I/AAW Cirrus MM 71-20.	
10		C/W FAR 91.207 ANNUAL ELT INSPECTION... Checked ELT I/AAW FAR 91.207(d) and FAA Action Notice 8150.3. Due again in 12 months.	

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.
DATE: 10 October, 2014		RIGHT BRAKE CALIPER YELLOW TEMPERATURE INDICATOR BLACK (OVERHEATED)... Removed brake caliper, Remove pistons and clean. Replace "O" rings, installed New yellow Temp indicator.	WORK PERFORMED/RETURNED TO SERVICE
Bleed RH brake with 5606 hydraulic fluid. All work done IAW Cleveland BMM and Cirrus SR22 AMM.		 SIGNED: Bernard Paquette, A&P: 445400374A Work Order: 07827-10-2014 Printed by EBis 3 (datcomedia.com)	
<p style="text-align: center;">US Flight Aircraft Maintenance</p> <p>1 Wallingford Rd Hangar 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088</p>			
<p>Airframe Entries</p> <p>CW CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20, ADs checked thru 2014-10.</p>			
<p>I certify this AIRFRAME has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition.</p> <p>I certify that this airframe has been approved for return to service.</p>			
DATE: 10 October, 2014		 SIGNED: Bernard Paquette, IA: 445400374A Work Order: 07826-10-2014 Printed by EBis 3 (datcomedia.com)	

DATE: 10 October, 2014
 A/C TSN: 671.8
 FLIGHTTIME: 500.7

Work Order: 07826-10-2014
 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
US Flight Aircraft Maintenance

DATE: 01 October, 2015
 A/C TSN: 930.4
 FLIGHTTIME: 690.5

1 Wallingford Rd
 Hangar 5
 Danbury, CT 06810 USA
 Phone: 914-288-8088

WILKERS COMPANY INC. - FAA MQ1R331K
 206 W. Virginia Ave.
 Crewe, VA 23930
 434-645-9641 (Fax 434-645-7759)

Airframe Entries

- LEFT MAIN
- Installed ne
- RIGHT MAI
- Installed ne
- NOSE TIRE
- Installed ne
- LEFT MAIN
- Installed ne
- Re-assemb
- ENGINE AIF
- CIRRUS MA
- I/AW SR 20
- Inserted TPC
- ANNUAL EL

Due again in 12 months.

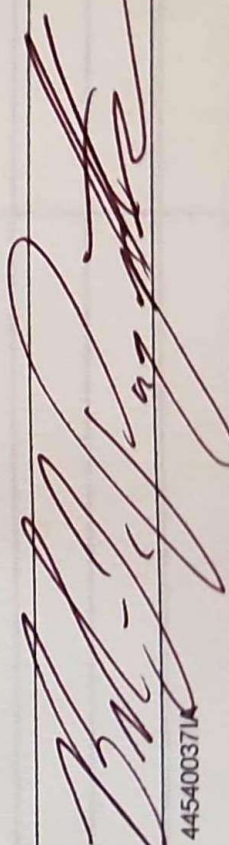
GSM 85A/86 SERVO CLUTCH TEST IS DUE / EVERY 2 YEARS... Performed a GSM 85A/86 servo clutch test I/AW SR 20 MM 22-12. All tested satisfactory.

MAGNETOMETER ADJUSTMENT/TEST IS DUE / EVERY 2 YEARS... Performed a satisfactory Magnetometer Functional Test - Calibration I/AW Cirrus SR 20 MM 34-20.

The work performed has been approved for return to service.

DATE: 01 October, 2015

SIGNED:



Bernard Paquette, A&P: 4454003714

Work Order: 08014-09-2015

Printed by EBis 3 (datacomedia.com)

Nose Wheel N230WA

WILKERS COMPANY, INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER

NUMBER 1336946
 DATE 12/4/2013
 CUST/AC TYPE WCO
 SIZE 5.00-5
 PLY 6 R-LEVEL 1
12652385
 SERIAL _____
 MFG Goodyear
 OTHER _____

MAINTENANCE RELEASE

This article has been overhauled, inspected, and determined to be suitable for return to service IAW the FAA approved process specifications of Wilkerson Company, Inc., as revised.

Sandy Abernathy

RELEASED BY _____
 Date Released **1/3/2014**

MAINTENANCE RECORD

US Flight Aircraft Maintenance

D,

WAVE Citrus
HOTEL SR-20
CA 92629
REG NO: N230WA
E-MAIL ORDER: 08014-09-2015

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

Wframe Entries

LEFT MAIN TIRE BALD ON OUTBOARD SIDE... Installed retread tire 15X6 6 ply Flight Custom III, S/N 72077143.

Installed new tube with new Goodyear G15/6.00-6.

RIGHT MAIN TIRE BALD ON OUTBOARD SIDE... Installed retread tire 15X6 6 ply Flight Custom III, S/N 40650571.

Installed new tube Goodyear G15/6.00-6.

NOSE TIRE INBOARD TREAD WORN OUT... Installed retread Tire 5.00x5 6 ply Flight Custom III, S/N 12652385.

Installed new tube Goodyear G5.00-5/6.

LEFT MAIN WHEEL BRAKE LININGS WORN TO LIMITS... Disassembled and removed worn brake linings.

Installed new brake linings with P/N APS66-10500 and rivets APS105-00200.

Re-assembled brake system and Torqued to 90 in-lbs.

ENGINE AIR FILTER DUE FOR REPLACEMENT... Installed new BA-24 filter element.

CIRRUS MANDATORY SERVICE BULLETIN 2x-28-12 R1, ELECTRIC FUEL PUMP INSPECTION, IS DUE.... Performed an electric fuel pump I/AW SR 20 MM 28-20-01.

Inserted TPOH 15-23 into the flight manual.

ANNUAL ELT INSPECTION IS DUE I/AW FAR 91.207 Checked ELT I/AW FAR 91.207(d) and FAA Action Notice 8150.3.

Due again in 12 months.

GSM 85A/86 SERVO CLUTCH TEST IS DUE / EVERY 2 YEARS... Performed a GSM 85A/86 servo clutch test I/AW SR 20 MM 22-12. All tested

MAGNETOMETER ADJUSTMENT/TEST IS DUE / EVERY 2 YEARS... Performed a satisfactory Magnetometer Functional Test - Calibration I/AW 20 MM 34-20.

The work performed has been approved for return to service.

DATE: 01 October, 2015

SIGNED:




Bernard Paquette, A&P: 445400371A

Work Order: 06

Printed by EBIS 3 (data)

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
<p>US Flight Aircraft Maintenance</p> <p>1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA Phone: 914-288-8088</p> <p>MAKE: Citrus MODEL: SR-20 S/N: 2229 REG NO: N230WA WORK ORDER: 08372-09-2017</p>			
<p>Airframe Entries</p>			
1		GASCOLATOR QUICK DRAIN LEAKING... Installed a new gascolater drain valve P/N 50242-001.	
<p>Leak checked good.</p>			
<p>Technicians Who Worked On The Items Listed Above: SCOTT SPLETZER</p>			
<p>The work performed has been approved for return to service.</p>			
DATE: 07 September, 2017		SIGNED: 	Work Order: 08372-09-2017
<p>Printed by EBis 3 (datamedia.com)</p>			

DATE: 07 September 2017
AC 39 538.6
FLIGHT TIME: 348

Work Order: 08372-09-2017

SCOTT SPLETZER, A&P: 3402681

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

AIRCRAFT TIME
IN SERVICE

DATE

1.3

4-30-13

Production Flight Test accomplished in accordance with
Cirrus Procedure #S0500.

Name: Nate Alm Date 29 APR 2013

Signature: 

Title: Production Flight Test Pilot

4-30-13

1.3

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 04 / 30 / 13.
The next inspection is due 04 / 30 / 14.



David C. Hallfrisch
DMIR-833854-CE

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

AIRCRAFT TIME
IN SERVICE

DATE

MAKE: Cirrus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
07548-08-2013

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 07 August, 2013
A/C TSN: 139.8
FLIGHTTIME: 102.6

Airframe Entries

(1) C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20,

ELT inspected per FAR 91.207, Cks airworthy.

AD'S Checked thru 8-2013

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

I certify that this airframe has been approved for return to service.

DATE: 07 August, 2013 SIGNED:



Work Order: 07548-08-2013

Bernard Paquette, IA: 44540037IA

Printed by EBis 3 (datamedia.com)

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

MAKE: Cirrus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
07607-10-2013

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 24 October, 2013
A/C TSN: 273.4
FLIGHTTIME: 204.9

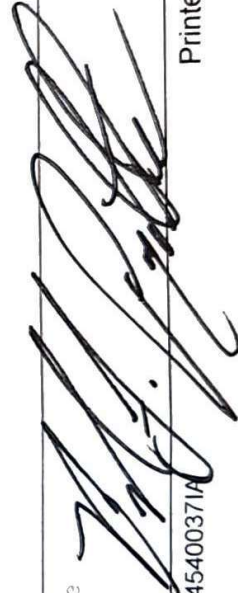
Airframe Entries

(1) CW CIRRUS AIRCRAFT 100HR INSPECTION OF AIRFRAME.... Complied with 100 hour inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20,

ADs checked thru 10-24-2013.

I certify this AIRFRAME has been inspected in accordance with an 100 HR inspection and has been determined to be in airworthy condition.... (4) LEFT AND RIGHT BRAKE STICKERS INDICATE OVER TEMP... Replaced brake caliper "O" rings and temp indicator stickers. Bled system with 5606 hydraulic fluid. performed satisfactory taxi checks.... (5) RH TIRE WORN AND HAS FLAT SPOTS... Replaced tire and tube with NEW Tire P/N 15X6.00-6 Good year Form 8130 Track # 791103750400-003, Tube P/N 097-500-0
Production Lot 22/13.
Inflated tire to spec.

Signature of person whose airframe has been approved for return to service



DATE: 24 October, 2013

SIGNED:

Work Order: 07607-10-2013

Bernard Paquette, A&P: 445400371A Printed by EBis 3 (datcomedia.com)

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

DATE AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus
MODEL: SR-20
SN: 2229
REG NO: N230WA
WORK ORDER:
07682-03-2014

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 06 March, 2014
A/C TSN: 403 2
FLIGHTTIME: 300.6

Airframe Entries

(1) C/W CIRRUS AIRCRAFT 100HR INSPECTION OF AIRFRAME.... Complied with 100 hour inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20,

ADs checked thru 3-6-2014.

I certify this AIRFRAME has been inspected in accordance with an 100 HR inspection and has been determined to be in airworthy condition.

I certify that this airframe has been approved for return to service.

DATE: 06 March, 2014

SIGNED:



Work Order: 07682-03-2014

Bernard Paquette, A&P: 445400371A

Printed by EBis 3 (datcomedia.com)

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

AIRCRAFT TIME
IN SERVICE

DATE

DATE: 19 June, 2014
A/C TSN: 538.3
FLIGHTTIME: 401.4

US Flight Aircraft Maintenance

NAME: Citrus
CODE: SR-20
NSA: 2229
REG NC: N230WA
WORK ORDER: 07737-06-2014

1 Wallingford Rd
Hangar 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8088

Airframe Entries

CW CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20, ADs checked thru biweekly 2014-12/13.

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

certify that this airframe has been approved for return to service.

DATE: 19 June, 2014

SIGNED:



SCOTT SPLETZER, IA: 3402681

Work Order: 07737-06-2014

Printed by EBis 3 (datcomedia.com)

7-19-14 Hobbs: 640.6 FET timer 475.3. Gained Access to ECU, ACR Electronics
PIN # 452-6499 Ser: # 358312091 with BAT Exp. Date 2020. ECU secure
+ connections + condition Good. OPS check of cockpit switch, Red Light +
Audio ops on test RADIO 121.5, ECU ops AS per 91-207 compliance.



347205-IA,
AWP.

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

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 26 October, 2015
A/C TSN: 999.3
FLIGHTTIME: 739

LEFT position

WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER
NUMBER 1214552
DATE 5/7/2012
CUST/AC TYPE WCO
SIZE 15X6.00-6
PLY 6 R-LEVEL 1
SERIAL 73060175
MFG Goodyear
OTHER _____

MAINTENANCE RELEASE
This aircraft tire was retreaded and inspected IAW current FAR's and was found airworthy for return to service. Pertinent details on file.

RELEASED BY Robert Doyle
Date Released 5/23/2012
WILKERSON COMPANY INC.-FAA MQ1R331K
206 W. Virginia Ave.
Crewe, VA 23930
434-645-9641 (Fax 434-645-7759)

AIRCRAFT TIME
IN SERVICE

DATE

DATE: 26 October, 2015

Frame Entries

LEFT TIRE FLAT S
Installed new retre:
Assemble wheel h:
Service and install

work performed has bee

DATE: 26 October, 2015

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION

DATE: 04 May, 2016
A/C TSN: 1156 6
FLIGHTTIME: 853.2

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

Airframe Entries

C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20,

ADs checked thru 5-2016

- 1 I certify this AIRFRAME has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition.
- 5 BATTERY #2 DUE FOR REPLACEMENT/ EVERY 2 YEARS... to be c/w next service
- 9 RIGHT BRAKE LININGS ARE WORN TO LIMITS... Installed 4 new Cleveland 66-105 linings.

Technicians Who Worked On The Items Listed Above

AKE Cirrus
ODEL SR-20
N 2229
EG NO. N230WA
WORK ORDER 08106-05-2016

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-3088

Airframe Entries

- 1 CIRRUS MANDATORY SERVICE BULLETIN 2X-52-08 R2, GAS STRUT AND DIVERTER REPLACEMENT IS DUE
gas strut ends and diverter kit P/N 70544-001

Technicians Who Worked On The Items Listed Above:
SCOTT SPLETZER

The work performed has been approved for return to service

DATE 10 May, 2016

SIGNED

Bernard Paquette ASEP 44443333



DATE 10 May 2016
A/C TSN: 1156 6
FLIGHTTIME: 853.2

CWI 5222-52-08R2 by installing new

F.A.N. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

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

MAKE: Citrus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER: 08146-07-2016

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 26 July, 2016
A/C TSN: 1279
FLIGHTTIME: 943.5

Airframe Entries

- LEFT MAIN TIRE WORN... Remove wheel fairings & jack up left wing, Remove tire from axle.
Remove tire from wheel halves.
Installed new retread tire 15X6x6 ply Flight Custom III, S/N 71031024
Assemble wheel halves with new locknuts.
Service and install on aircraft, secure with cotter pin.
- A/C SYSTEM NOT BLOWING COLD ENOUGH... Serviced air conditioning system with 2.2 lbs R-134 I/AW SR22 MM 12-10.
Run engine after service , Ops checks good.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 26 July, 2016

SIGNED:

Bernard Paquette, A&P: 445400371A

Work Order: 08146-07-2016

Printed by EBis 3 (datacomedia.com)

INSPECTION RECORD
F A B 4311-91.409

SERVICE

DATE: 26 July, 2016
A/C TSN: 1279
FLIGHTTIME: 943.5

(Fax 434-645-7759)

434-645-9641

Crewe, VA 23930
206 W. Virginia Ave.

WILKERSON COMPANY INC. FAA MQ1R331K

Date Released 11/9/2015

RELEASED BY *[Signature]*

MAINTENANCE RELEASE
This article has been overhauled, inspected, and determined to be suitable for return to service in accordance with the FAA approved process specifications of Wilkerson Company, Inc., as revised.

INSPECTION RECORD AND WORK ORDER

WILKERSON CO., INC.
AIR CRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

NUMBER 1529267

DATE 10/27/2015

CUST/AC TYPE WA

SIZE 15X6.00-6

PLY 6 R-LEVEL 2

SERIAL 71031024

MFG Goodyear

OTHER _____

Run engine after service , Ops checks good.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 26 July, 2016

SIGNED:

[Signature]

Bernard Paquette, A&P: 445400371A

Work Order: 08146-07-2016

Printed by EBis 3 (datamedia.com)

WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER

NUMBER 1402656

DATE 1/28/2014

CUST/AC TYPE WCO

SIZE 15X6.00-6

PLY 6 R-LEVEL 1

SERIAL 50940343

MFG Goodyear

OTHER _____

MAINTENANCE RELEASE

This article has been overhauled, inspected, and determined to be suitable for return to service IAW the FAA approved process specifications of Wilkerson Company, Inc., as revised.

RELEASED BY Robert Doyle

Date Released 4/29/2014

WILKERSON COMPANY INC.-FAA MQ1R331K
206 W. Virginia Ave.
Crewe, VA 23930
434-645-9641
(Fax 434-645-9641)

airframe Entries

ANNUAL ELT II
ELT checked I/
Due again in 12
CIRRUS MANI
with 10X magnify.
CMI SERVICE INI
No defects noted.

RIGHT MAIN TIRE BALD... Jack wing on right side.

Remove tire from wheel halves.

Installed new retard tire 15X6x6 ply Flight Custom III, S/N 50940343

Assemble wheel halves with new locknuts.

Service and install on aircraft, secure with cotter pin.

NOSE STRUT EXTENSION LOW... Serviced nose strut to 2.25 inches I/AW SR 20 MM 12-10.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 16 August, 2016

SIGNED:

Bernard Paquette, A&P: 44540037IA

Work Order: 08165-08-2016

Printed by EBis 3 (datamedia.com)

INSPECTION RECORD F.A.R. 43.11-91.409

OFFICE OF INSPECTION STATIS 9. DIS/DEB/ANV/ICT

DATE: 16 August, 2016
A/C TSN: 1290.4
FLIGHTTIME: 952.4

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone 914-288-8088

Airframe Entries
ANNUL. F. INSPECTION IS DUE I/AW FAR 91.207.... Removed ELT P/N 453-6603 S/N 197-15034, HEX Code ADCCY0EAE800315.
E. checked I/AW FAR 91.207(d), FAA Action Notice 8150.3 and SR-20 MM 25-60. ELT reinstalled.

Due again in 12 months
CORRUS MANDATORY SERVICE BULLETIN 2X-32-22, NOSE STRUT INSPECTION, IS DUE... C/W SB 2X-32-22 by inspecting nose gear strut fillet welds
with 10X magnifying glass and boroscope.

C/W SERVICE INFORMATION LETTER SIL15-8, ALTERNATOR MOUNT INSPECTION, IS DUE EA 100HRS... Inspected alternator mount I/AW SIL 15-8.
No defects noted

RIGHT MAIN TIRE BALD... Jack wing on right side.

Remove tire from wheel halves.

Installed new retread tire 15X6x6 ply Flight Custom III, S/N 50940343

Assemble wheel halves with new locknuts.

Service and install on aircraft, secure with cotter pin.

NOSE STRUT EXTENSION LOW... Serviced nose strut to 2.25 inches I/AW SR 20 MM 12-10.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER



The work performed has been approved for return to service.

DATE: 16 August, 2016

SIGNED:

Bernard Paquette, A&P: 44540037/A

Work Order 081471812119

Printed by the FAA at Wallingford, CT

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

AIRCRAFT TIME
IN SERVICE

DATE

MAKE: Cirrus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER: 08165-08-2016

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 16 August, 2016
A/C TSN: 1290.4
FLIGHTTIME: 952.4

Airframe Entries

1 C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION ON AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20,

ADs checked thru 8-2016

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

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER

I certify that this airframe has been approved for return to service.

DATE: 16 August, 2016

SIGNED:

Bernard Paquette, IA: 44540037/IA

Work Order: 08165-08-2016

Printed by EBis 3 (datamedia.com)

WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER

NUMBER 1529266

DATE 10/27/2015

CUST/AC TYPE WCO

SIZE 15X6.00-6

PLY 6 R-LEVEL 1

SERIAL 00992049

MFG Goodyear

OTHER _____

MAINTENANCE RELEASE

This article has been overhauled, inspected, and determined to be suitable for return to service IAW the FAA approved process specifications of Wilkerson Company, Inc., as revised.

RELEASED BY *James Wilkerson*

Date Released 11/9/2015

WILKERSON COMPANY

206 W. VIRGINIA AVE.

CREWE, VA 23930 (540) 445-1759

MAKE: Cirtus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER: 08214-11-20

Airframe Entries

- 1 LEFT AND RIGHT
- Remove left and
- Remove left and
- Jack aircraft, Ren
- Removed right tire
- Per owners requ
- Cleaned and repa
- Removed left tire
- Per owners request, ins
- Cleaned and repacke
- Bled Left and Right br
- Main gear fairings left
- Technicians Who Worked On Th
- Bernard Paquette, SCOTT SPLE

The work performed has been approved for return to service.

DATE: 02 December, 2016

SIGNED:

SCOTT SPLETZER, A&P: 3402681

Work Order: 08214-11-2016

Printed by EBis 3 (datcomedia.com)

... must dots and submittally, concrete authority to install the aircraft engine propeller...
... is essential that the overhauled work in accordance with the national regulations of the...
... Statement in Sheets 13a and 14b to not constitute installation verification. In all cases, aircraft maintenance records used herein to install this certification issued by the...
... FAA Form 8130-3 (02-14)

R

INSPECTION RECORD

US Flight Aircraft Maintenance

DATE: 02 December 2016
A/C TSN: 13753
FLIGHTTIME: 10156

MAKE: Cessna
MODEL: SR-20
SN: 2229
REG NO: N230WA
WORK ORDER: 08214-11-2016

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

Airframe Entries

LEFT AND RIGHT MAIN TIRES FLAT SPOTTED Take pictures of left and right landing gear with fairings on. Remove left and right main gear fairings and take pictures.

Remove left and right brake calipers and inspect brake discs and linings.

Jack aircraft; Removed wheels.

Removed right tire and installed New Wilkerson 15X600-6 6 ply S/N 00992049 with a new Goodyear tube P/N 302-246-401.

Per owners request, Installed a new brake disc P/N APS164-01501 with new 66-105 linings, Replaced caliper temp stickers P/N 51698-001 and 51698-003
Cleaned and repacked wheel bearings.

Removed left tire and installed a Wilkerson 15X600-6 6 ply S/N83090202 with a new Goodyear tube P/N 302-246-401.

Per owners request, Installed a new brake disc P/N APS164-01501 with new 66-105 linings, Replaced caliper temp stickers P/N 51698-001 and 51698-003
Cleaned and repacked wheel bearings.

Bled Left and Right brake systems with 5606 fluid.

Main gear fairings left removed for winter ops as per owners request. Weight change negligible.

Technicians Who Worked On The Items Listed Above:
Bertrand Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 02 December, 2016

SIGNED:

SCOTT SPLETZER, A&P: 3402681

Work Order: 08214-11-2016

Printed by EBis 3 (datacomedia.com)



WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER

NUMBER 16707546
DATE 5/4/2016
CUST/AC TYPE Intentionally left blank
SIZE 15x6.0-6, 156E66-4
PLY 6 R-LEVEL²
SERIAL 83090202
MFG Goodyear Flight Custom III
OTHER

MAINTENANCE RELEASE
This article has been overhauled, inspected, and determined to be suitable for return to service law the FAA approved process specifications of Wilkerson Company, Inc., as revised.

RELEASED BY *QJSS*
Part 65 Repairman, Cert # 3341908
WILKERSON COMPANY INC.-FAA MQ11231K
206 W. Virginia Ave.
Crewe, VA 23930
434-6 5-9641 (Fax 434-645-7759)



CERTIFICATE OF CONFORMANCE

Code material: Tube size: 302-246-401
156519 G15/6.00-6 TR20
We hereby certify that the parts supplied and produced on this date are manufactured according to the physical properties and balancing specifications outlined in the Aerospace Standard Specification-SAE AS50141B, substantiating documents regarding the subjects parts are on file for inspection upon request.

1357 C RF6005 A4 05/21/15 HH:MM
1357

AUTHORIZED RELEASE CERTIFICATE

1. Approving Civil Aviation Authority (Country): FAA (United States)
2. Organization Name and Address: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG
3. Description: BRAKE DISC
4. Part Number: APS164-02501
5. Quantity: 200
6. Serial Number: N/A
7. Remarks: None
8. Approved Design Data: Approved design data is in accordance with the conditions specified in Block 12.
9. Approval Signature: [Signature]
10. Date (YYYYMMDD): 20160504
11. User/Manufacturer Responsibility: User/Manufacturer Responsibility

FAA Form 8130-3 (2-11)

AUTHORIZED RELEASE CERTIFICATE

1. Approving Civil Aviation Authority (Country): FAA (United States)
2. Organization Name and Address: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG
3. Description: BRAKE DISC
4. Part Number: APS164-02501
5. Quantity: 200
6. Serial Number: N/A
7. Remarks: None
8. Approved Design Data: Approved design data is in accordance with the conditions specified in Block 12.
9. Approval Signature: [Signature]
10. Date (YYYYMMDD): 20160504
11. User/Manufacturer Responsibility: User/Manufacturer Responsibility

FAA Form 8130-3 (2-11)

R

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

DATE AIRCRAFT TIME IN SERVICE

MAKE: Citrus
MODEL: SR-20
S/N: 2229
REG NO: N230WA
WORK ORDER: 08234-01-2017

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 03 March, 2017
A/C TSN: 1426.7
FLIGHTTIME: 1051.9

Airframe Entries

- 4 C/W FAR 91.207 ANNUAL ELT INSPECTION.... ELT checked I/AW FAR 91.207(d) and FAA Action Notice 8150.3.
Due again in 12 months.

The work performed has been approved for return to service.

DATE: 03 March, 2017

SIGNED:



Work Order: 08234-01-2017
Printed by EBis 3 (datcomedia.com)

MAKE: Citrus
MODEL: SR-20
S/N: 2229
REG. NO: N230WA
WORK ORDER: 08234-01-2017

US Flight Aircraft Maintenance

1 Wallingford Rd
Hangar 5
Danbury, CT 06810 USA
Phone: 914-288-8088

DATE: 03 March, 2017
A/C TSN: 1426.7
FLIGHTTIME: 1051.

Airframe Entries

- 1 C/W 100HR/ANNUAL INSPECTION ON AIRFRAME.... C/W 100HR/Annual inspection using FAR 43-Appendix D as a guide.
AD's Checked thru 2-21-2017

I certify this AIRCRAFT has been inspected in accordance with an ANNUAL Inspection and has determined to be in airworthy condition.

Technicians Who Worked On The Items Listed Above:
Bernard Paquette, SCOTT SPLETZER

I certify that this airframe has been approved for return to service.



DATE: 03 March, 2017

SIGNED:


Bernard Paquette, IA: 445400371A

Work Order: 08234-01-2017
Printed by EBis 3 (datcomedia.com)

N230WA
 ALT S/N 499859 DATE 4/28/17 INSP. SC

TRUE	ERROR	TRUE	ERROR	ALT	FRICITION
-1000	0	14000	-50	1000	25
0	0	16000	-70	2000	30
500	0	18000	-70	3000	30
1000	0	20000	-60	5000	30
1500	0	22000	/	10000	30
2000	0	25000	/	15000	30
3000	+10	30000	/	20000	40
4000	+10	35000	/	25000	/
6000	+10	HYSTERISIS			/
8000	0	50%	0	CASE	0.018K
10000	-40	40%	0	LEAK	
12000	-45				

EXCEL AVIONICS
 FAA REPAIR STATION #XL6R743J

approved for return to service. Pertinent details are on file at this Repair Station under work order # 8371
 INSPECTOR: 

**Exxel Avionics, LLC., 20 Lindbergh Drive, Brainard Airport,
 Hartford, CT., 06114 FAA CRS # XL6R743J**

RD
 09

TION-STATUS & DISCREPANCY LIST
 APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE.

HOOK ENTRY

Tail Number: N230WA
 N: 2229 Flt Time: 1070.4

per 91.41, IAW FAR part 43, appendix E, paragraph
 ce: Garmin Model: GDC-74A S/N: 20614806

7 FAR part 43, appendix E, paragraph B, to 20,000 feet
 ce: United Model: 12731-003 S/N: 499859

AW FAR part 43, appendix F.
 ce: Garmin Model: GTX-33ES S/N 89124716
 W FAR part 43, appendix E, paragraph A.

aft, or component thereof, was repaired or altered in
 gulations and in respect to that work the aircraft is
 details are on file at this Repair Station under work

LOG BOOK ENTRY

Date: April 28, 2017

Tail Number: N230WA

Type: SR-20

S/N: 2229 Flt Time: 1070.4

Certified the primary and secondary altimeter per 91.41, IAW FAR part 43, appendix E, paragraph B & C, to 20,000 feet.
Make: Garmin Model: GDC-74A S/N: 20614806

Certified the standby altimeter per 91.41, IAW FAR part 43, appendix E, paragraph B, to 20,000 feet
Make: United Model: 12731-003 S/N: 499859

Certified the transponder system per 91.413, IAW FAR part 43, appendix F.
Make: Garmin Model: GTX-33ES S/N 89124716

Certified the pitot/static system per 91.411, IAW FAR part 43, appendix E, paragraph A.

Exxel Avionics, LLC., Certifies that this aircraft, or component thereof, was repaired or altered in accordance with current FAA airworthiness regulations and in respect to that work the aircraft is approved for return to service. Pertinent details are on file at this Repair Station under work order # 8371



INSPECTOR:

**Exxel Avionics, LLC., 20 Lindbergh Drive, Brainard Airport,
Hartford, CT., 06114 FAA CRS # XL6R743J**

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

AIRCRAFT TIME
IN SERVICE

DATE



Make: Cirrus
Model: SR-20
S/N: 2229

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

Date: 11/28/2017
N230WA
Hobbs: 1587.8
Flight: 1174.8
TTA: 1174.8

Airframe Entry:

Performed a pre buy inspection IAW Cirrus Certified SR2X Pre Buy Checklist. List of discrepancies has been provided to the owner and buyer. Removed and replaced the #1 exhaust riser with a serviceable unit. Removed and replaced the right exhaust collector to riser bolt. Removed and replaced the NLG spindle cup thrust washer and re-tensioned the assembly as required. Removed and replaced the left main landing gear tire. Re-bonded the main landing gear fairing spacers to struts. Removed and replaced aileron input actuation bracket bearings and bolts on both ailerons. Removed and replaced both front seat energy absorption modules. Details of this work are on file at this facility under work order #T10111. END.

Milan Jovanovic
A&P3164117IA

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

AIRCRAFT TIME
IN SERVICE

DATE



Make: Cirrus
Model: SR-20
S/N: 2229

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

Date: 12/08/2017
N230WA
Hobbs: 1587.8
Flight: 1174.8
TTA: 1174.8

Airframe Entry:

Performed an annual inspection IAW FAR 43 Appendix D using Cirrus MM Chapter 5-20 as a reference. Performed a light check. Lubed airframe. Checked all cable tensions. Drained all fuel sumps, and serviced the gasculator. Serviced the brake fluid reservoir, and inspected brakes. No applicable AD's at this time. Inspected the ELT IAW FAR 91.207 (d) - Battery expires: 05/2020. Serviced and charged the #1 battery. Removed and replaced the exhaust muffler and heat exchanger. This inspection was performed post Pre-buy inspection dated 11/28/2017. Details of this work are on file at this facility under work order #T10157. END.

I certify that this aircraft was inspected IAW an annual inspection and was determined to be in airworthy condition.

Milan Jovanovic
A&P31641171A

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 _____

Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Airport Leesburg, VA 20175 6LVR604C
 LOG ID# 6689 06-March-2018 WO# 6497/1 FORM M3 HOBBS 1625.7 Pg 1/1
 N230WA S/N 2229 CIRRUSS SR20 TACH 1202.3

>Removed left main tire PN-156E66-4 SN/21772033 and replaced with new PN/156E66-4 SN/71882331 and installed new tube PN/097-500-0. Inflated tire to 53 psi and reinstalled tire assembly onto aircraft IAW Cirrus mm section 32-41-00.

The work identified above was performed in accordance with current Federal Aviation Regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.

[Signature]

Signed: 6LVR604C Doug Cummins

MAKE: Citrus
 MODEL: SR20
 S/N: 2229
 REG. NO: N230WA
 WORK ORDER: 5638-02-2018

ADVANCED Fly Advanced
 Repair Station No. 5T2R901C
 530 Airport Rd.
 Litz, PA 17543
 Phone: 717-735-5179

DATE: 2/23/2018
 A/C TSN: 1197.7
 HOBBS: 1619.9

Airframe Entries

Sanded, primed and painted the entire lower R/H cowling. Removed and replaced the R/H cowl decals.... Cleaned the fuel drain check valve.... **C/W SB2X-42-10R2 Perspective SW Update v0764.23..** Removed and replaced the NLG strut cover/cowl seal.

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 2/23/2018 SIGNED: *Joe A. Glover* Work Order: 5638-02-2018
 Joel A. Glover
 Certified Repair Station No. 5T2R901C
 Printed by EBis 3 (datamedia.com)

1. Approving Civil Aviation Authority/Country:

FAA/UNITED STATES

Authorized Release Certificate

FAA Form 8130-3, Airworthiness Approval Tag

3. Form Tracking Number:

791105714200-008

4. Organization Name And Address:

GOODYEAR TIRE & RUBBER CO.
100 BUSINESS CENTER DRIVE
STOCKBRIDGE, GA 30281

GOODYEAR TIRE & RUBBER CO.
1901 GOODYEAR BLVD
DANVILLE, VA 24541 (PT22665CE)

5. Work Order/Contract/Invoice Number:

791105714200

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	15X6.0-6	156E66-4	22	SEE BLOCK 12 - REMARKS	NEW

12. Remarks: T50C62D AIRWORTHINESS APPROVAL

71852117 71872066 71872082 71872084 71882019 71882105 71882120 71882123 71882124 71882127 71882181 71882183 71882185 71882192
 71882197 71882200 71882331 71892308 71922063 71922081 71932035 71932036

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

- Approved design data and are in a condition for safe operation.
- Non-Approved design data specified in Block 12.

13b. Authorized Signature:	13c. Approval/Authorization No.:
	PT22665CE
13d. Name (Typed or Printed):	13a. Date (dd/mm/yyyy):
PAUL BRYANT	08/AUG/2017

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature	14c. Approval/Certificate No.
14d. Name (Typed or Printed)	14e. Date (dd/mm/yyyy)

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

3 CYCLE AVIATION, LLC
 H 1005 SYCOLIN ROAD SE
 P LEESBURG, VA 20175
 T O

BACKORDERED PRODUCTS WILL SHIP AS SOON AS AVAILABLE

ORDER MUST BE RECEIVED WITHIN 90 DAYS

QUANTITY	PRICE NO.	CUST. P.O. NO.	SHIP VIA	TERMS	DATE SHIPPED	
		27407-JY	UPS COMM GROUND	CREDIT CARD	09/13/17	
QUANTITY	DESCRIPTION	PRICE	DISCOUNT	NET PRICE	EXTENSIC	
✓	NORMAN LAMP 1829				X	
✓	NORMAN LAMP 4509					
✓	RA066-06200 RAPCO BRAKE LINING # RA66-62					
✓	TCM GASKET 25102					
✓	g242 GILL BATTERY G-242 W/ACID SERIAL NUMBERS: G02966232					
✓	MANUFACTURING CERTS					
✓	301-249-006 G/Y FLT CUSTOM III 15X600-6PLY 156E66-4 SERIAL NUMBERS: 71882331 ✓ 71872082 ✓					
✓	097-500-0 MICHELIN AIRSTOP TUBE 15X6.0-6 STR					
✓	53056 BATTERY ELECTROLYTE 3 QTS S					
	THANK YOU FOR YOUR ORDER					
SUBTOTAL		TAX	MISC.CHARGE	FREIGHT	PAID WITH ORDER	BALANCE DUE

parts@cycleaviation.com
 571-510-0300

CERTIFICATE OF CONFORMANCE

Supplier hereby certifies that the material and/or parts listed on this packing list have been manufactured in accordance with the applicable specification of the original manufacturer or the manufacturer of the material and/or parts, or (3) US Government Approved Aeronautical or Military Standards and that the manufacturer's data is available for products that do not carry their approval.

Certified By: [Signature]

WARRANTY & REMEDIATION AGREEMENT

Inasmuch as Aero Performance has no opportunity to supervise the manufacture, installation, or maintenance of the material and/or parts listed on this packing list, the purchaser shall be responsible for the proper installation, maintenance, and use of the material and/or parts. The purchaser shall be responsible for the proper installation, maintenance, and use of the material and/or parts. The purchaser shall be responsible for the proper installation, maintenance, and use of the material and/or parts.

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
4/18/18	H0605	1662.7 JACK AIRCRAFT & REMOVED NOSE TIRE. REPAIRED BY INSTALLATION OF VALVE CORE & REINSTALLED PRESSURE TIRE TO 32 PSI CONFIRMS AP22919115 - END
4/24/18	1662.2	REMOVE & REPLACE NOSE TIRE FLIGHT CUSTOM 500 X 5 & 500 X 5 TUBE PRESSURIZE TO 40 PSI NO ISSUES NOTED. CONFIRMS AP22919115 - END
5/2/18	H0605	7628.7 REMOVED & REPAIRED CONTROL CABLE AIR CABLE P/N 241-35 OPS CK NOISSUES NOTED BY AP22919115. WRONG AIRCRAFT 5

INSPECTION RECORD

F.A.R. 43.11-91.409



MERIDIAN AIR GROUP

Culpeper Regional Airport
12539 Beverly Ford Road
Brandy Station, VA 22714
540-825-9711

Registration: N230WA
Model: Cirrus SR20
S/N: 2229
Hobbs: 1718.6 Flight Hobbs: 1272.0
W/O#: W18-3224
Date: 06-07-2018 Page 1 of 2

DATE

- Complied with Annual Inspection using Cirrus SR20 MM 05-20 as a guide meeting the requirements of 14 CFR Part 43 Appendix D.
- Complied with 14 CFR Part 91.207(d) ELT inspection; no defects noted. Next battery replacement due MAY 2020.
- Checked aircraft electrical system. Serviced aircraft battery.
- Cleaned fuel bowl and screen. Reinstalled using new o-rings; leak checked and safetied.
- Checked and lubed flight controls.
- Cleaned and packed wheel bearings.
- Serviced tires.
- Replaced induction air filter.
- Installed new main tire in accordance with Cleveland tech hand book and AMM 32-41. (P/N: 156E66-4, S/N: 71232007)
- ✓ → Installed new R/H brake caliper upper heat indicator (P/N: 51698-003). Disassembled and inspected caliper. Reinstalled with new o-rings in accordance with Cleveland handbook and AMM 32-42.
- Straightened pilot's seat belt.
- Dressed prop blades.
- Resecured L/H and R/H MLG brake lines.
- Retorqued L/H main gear hardware.
- Resecured trim forward of pilot's arm rest.
- Removed and replaced #2 batteries and secured (P/N: 50979-001). Ops checked satisfactory.



MERIDIAN AIR GROUP

Culpeper Regional Airport
12539 Beverly Ford Road
Brandy Station, VA 22714
540-825-9711

Registration: N230WA
Model: Cirrus SR20
S/N: 2229
Hobbs: 1718.6 Flight Hobbs: 1272.0
W/O#: W18-3224
Date: 06-07-2018

- Tightened and resafetied prop governor cable at governor arm.
- Fabricated small bracket from 40 thou. sheet metal. Riveted to baffle under #5 cylinder and reattached baffle spring.
- ADs checked thru ATP Rev. 6/6/2018. No applicable ADs found.

I certify that this AIRCRAFT has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Signature: Martin Dodson A&P/IA 3664335
Martin Dodson

DATE

INSPECTION RECORD F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

KIND OF INSPECTION—STATUS & DISCREPANCY LIST



MERIDIAN AIR GROUP

Culpeper Regional Airport
12539 Beverly Ford Road
Brandy Station, VA 22714
540-825-9711

Registration: N230WA
Model: TCM IO-360 ES25B
S/N: 1007857
Hobbs: 1718.6 Flight Hobbs: 1272.0
W/O#: W18-3224
Date: 06-07-2018

- Complied with Annual Inspection using Cirrus SR20 MM 05-20 as a guide meeting the requirements of 14 CFR Part 43 Appendix D.
- Drained oil. Oil sample taken and sent to BlackStone for analysis. Removed filter and inspected; no metal noted. Installed new CH48108-1 filter and serviced engine with 8 quarts of Phillips 20W50 oil.
- Compressions checked as follows: #1 68/80, #2 73/80, #3 71/80, #4 72/80, #5 72/80, #6 68/80.
- Checked magneto to engine timing.
- Installed six new URHM38E spark plugs in top position all cylinders.
- Inspected exhaust system.
- Installed new induction air filter (P/N: BA24).
- Adjusted idle speed and mixture per TCM Manual M-7.
- Cleaned engine. Performed ground run checks; no defects noted.

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

Signature: *Martin Dodson*
Martin Dodson
A&P/IA 3664335

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

DATE

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
6350-02-2019

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

DATE: 2/27/2019
A/C TSN: 1357
HOBBS: 1830.6

Airframe Entries

Removed and replaced the CAPS reefing line cutters P/N: 25347-002, S/Ns: 14054 and 14650, next due replacement 08-2024

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 2/27/2019

SIGNED: 
Josh Ferry
Certified Repair Station No. 5T2R901C

Work Order: 6350-02-2019
Printed by EBis 3 (datamedia.com)

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
6400-03-2019

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

DATE: 4/15/2019
A/C TSN: 1375.3
HOBBS: 1856.5

Airframe Entries

Removed and replaced the Alternator #2 Field Control Module with P/N: 29434-003, S/N: 5765. Operational check ok at this time.... Adjusted RPM for proper takeoff RPM. Run-up check ok at this time.... Removed and replaced the right main landing gear wheel and tire assembly inner tube.

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 4/15/2019

SIGNED: 
Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 6400-03-2019
Printed by EBis 3 (datamedia.com)

24 MONTH ALTIMETER & TRANSPONDER CERTIFICATION



530 Airport Rd
Libitz PA 17543
717-735-6179
CRS: 512R9010

Aircraft Registration	N230WA
Aircraft Model	SR20
Aircraft S/N	2229
Work Order	6486
Pressure test unit S/N	86692
ATC test unit S/N	1000685428
Encoder P/N	N/A
Encoder S/N	N/A

#1 ADC / Altimeter P/N	24651-001
#1 ADC / Altimeter S/N	20614806
#2 ADC / Altimeter P/N	12731-003
#2 ADC / Altimeter S/N	499859
#3 ADC / Altimeter P/N	N/A
#3 ADC / Altimeter S/N	N/A
Transponder P/N	24653-002
Transponder S/N	89124716

Appendix E to Part 43—Altimeter System Test and Inspection

(a) Static Pressure System			PITOT SYSTEM			MISC		
(circle one)			(circle one)			(circle one)		
Free of Moisture			Free of Moisture			Pitot Heat Function		
Pass			Pass			Pass		
Leak Check			Leak Check			Alternate Static		
Pass			Pass			Pass		

(b) Altimeter														
(i) SCALE ERROR					(ii) HYSTERESIS					(iii) AFTER EFFECT (± 30 ft)				
Altitude (feet)	Tolerance (feet)	ADCs / Altimeters			Test Points (ft of error)	ADCs / Altimeters (± 75)				Unit tested	Initial	After	Change	
		#1	#2	#3		Test Box	#1	#2	#3					Test box
0	± 20	-1014	1005		50% Initial	4000	8987	4020		0	18	18	0	
0	+ 20	-18	5		50% Final	9000	8987	4020		5	15	10		
500	± 20	492	500		Change	0	0	0						
1000	± 20	991	1020		40% Initial	7200	7189	7230						
1500	± 25	1491	1500		40% Final	7200	7189	7230						
2000	± 30	1977	2020		Change	0	0	0						
3000	± 30	2990	2030											
4000	± 35	3989	4030											
6000	± 40	5988	6030											
8000	± 60	7987	8010											
10000	± 80	9986	9990											
12000	± 90	11986	11960											
14000	± 100	13983	13940											
16000	± 110	15982	15940											
18000	± 120	17980	17950											
20000	± 130													
22000	± 140													
25000	± 155													

(iv) FRICTION (Altimeter only)			(v) BAROMETRIC SCALE ERROR (± 25) * (Aviation must start at 2000 ft)					
Altitude (feet)	Tolerance (feet)	Altimeter Change	Pressure Setting	Calibrated Difference	Altimeter Reading	Actual Difference	*Aviation Reading	Actual Difference
1,000	± 70	20	28.1	1.727	-1730	3		
2,000	± 70	20	28.5	1.140	-1340	0		
3,000	± 70	20	29	863	-860	3		
5,000	± 70	20	29.5	1.192	-400	8		
10,000	± 80	20	29.92	0	0	0		
15,000	± 90	40	30.5	1.511	530	1		
20,000	± 100		30.9	1.893	900	7		
25,000	± 120		30.99	1.974	980	6		

(c) Automatic Pressure Altitude Reporting		
ENCODER CALIBRATION (if required)		
Transponder change point	Primary Altimeter Reading	Pass/Fail (±125 ft)
2900 → 3000	3,025	Pass
17900 → 18000	18,025	Pass
24900 → 25000		

All tests of Appendix E to Part 43, that are required for this system, are found to be within the specified Limits

Technician Signature: *[Signature]*
Inspector Signature: *[Signature]*

Date: 6/19/19
Date: 6/19/19

Appendix F to Part 43—ATC Transponder Tests and Inspections

91.413 MODE S TRANSPONDER CERTIFICATION		Result		91.413 MODE C TRANSPONDER CERTIFICATION		Result	
1. Radio Reply Frequency 1090 ± 1 MHz		1089.95		(a) Radio Reply Frequency Mode C 1090 ± 1 MHz			
2. Suppression Reply < 1% when P _{0dB} = P _{1dB}		0%		(b) Suppression Reply < 1% when P _{0dB} = P _{1dB}			
3. Suppression Reply > 90% when P _{0dB} is 90dB less than P _{1dB}		92%		(c) Receiver Sensitivity MTL Mode C -14 ± 3 dbm (± 7db radiated signal)			
4. Receiver Sensitivity MTL -73 ± 4 dbm (± 7db radiated signal)		-71.9		(d) Receiver Sensitivity Mode A/C Difference < 1dB			
5. Receiver Sensitivity Mode A/C Difference < 1dB		0.2		(e) RF Peak Power Output 125W ± Output < 500W			
6. Maximum Power Output 125W ± Output < 500W		468					
7. Mode C address reply address is being transmitted		Pass					
8. Mode C address reply has correct address and capability		Pass					
9. Mode C address reply always produces fit reply		Pass					
10. Mode C address reply always produces correct squitter (1 per second)		Pass					

All tests of Appendix F to Part 43, that are required for this system, are found to be within the specified Limits

Technician Signature: *[Signature]* Date: 6/19/19
Inspector Signature: *[Signature]* Date: 6/19/19

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

AIRCRAFT TIME IN SERVICE

DATE

DATE: 6/24/2019
 A/C TSN: 1406 9
 HOBBS: 1898.2

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

MAKE: Cirrus
 MODEL: SR20
 S/N: 2229
 REG. NO: N230WA
 WORK ORDER:
 6466-04-2019

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. Removed and replaced the induction air filter with P/N: BA-24. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 05-2020. All AD's current thru 2019-13. Completed a 24 Month altimeter & transponder certification. See log book entries for further details dated 06-19-19. Removed and replaced the RCPI Battery, next due 06-2024. C/W 12 month Main Battery Capacity Test, battery failed. Removed and replaced #1 Battery with new P/N: RG24-15M, S/N: 40998509. Adjusted aircraft RPM for proper takeoff and cruise RPM. Removed and replaced the nose landing gear spindle cup bearings, assembled using new thrust washer and locking nut, adjusted tension as required per Cirrus AMM. Completed a small composite repair to the NLG wheel fairing at the strut pass through hole, sanded, primed and painted the wheel pant, installed new AeroTect paint protection film as required. Rotated the left main tire on the wheel assembly to prolong tire longevity. Installed aerotect paint protection film on the right main landing gear wheel fairing and strut fairing. Torqued the nose landing gear strut to firewall attaching hardware. Re-bonded the left and right main landing gear brake line anchors to the strut assemblies as required. Re-bonded the left and right main landing gear fairing grommets as required. Removed and replaced the left and right brake linings. Re-positioned manifold pressure sensor shield clamp to eliminate interference with throttle control rod end at full power. Repaired the right side engine baffling at the forward support brace bracket as required. Removed and replaced the "Screws Must Be Installed" placards on the left and right cowling inlets. Properly safetied the left aileron outboard hinge bolt as required. Removed and replaced the pilot's and co-pilot's cup holder assemblies. Synchronized the left cabin entry door latches as required. Secured and sealed the right cabin entry door upper hinge pin.

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

DATE: 6/24/2019
 SIGNED: 
 Joshua J. Ferry
 Certified Repair Station No. 5T2R901C
 Work Order: 6466-04-2019
 Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD F.A.R. 43.11-91.409

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

**AIRCRAFT TIME
IN SERVICE**

DATE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

DATE: 8/2/2019
A/C TSN: 1419.3
HOBBS: 1915.4

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

Airframe Entries

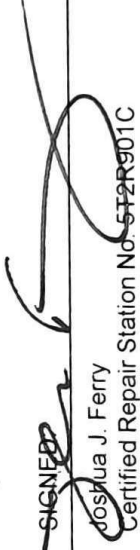
Removed and replaced the Alternator #2 Field Control Module with P/N: 29434-003, S/N: 7269. Operational check ok at this time.... Removed and replaced the left cabin entry door upper latch spring.

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 8/2/2019

SIGNED


Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 6691-08-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
6742-08-2019

ADVANCED Fly Advanced

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

DATE: 9/3/2019
A/C TSN: 1432.6
HOBBS: 1930.8

Airframe Entries

Removed and replaced the R/H flap with serviceable flap for flight to LNS for repairs of composite damage.

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 9/3/2019

SIGNED


Joel A. Glover
Certified Repair Station No. 5T2R901C

Work Order: 6742-08-2019

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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 DISAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME
IN SERVICE

DATE

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
7309-06-2020

ADVANCED Fly Advanced

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

DATE: 6/2/2020
A/C TSN: 1495 5
HOBS: 2018 9

Airframe Entries

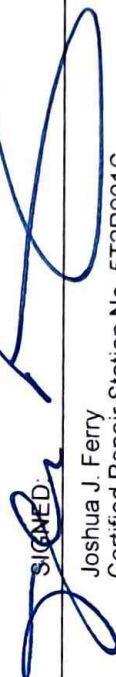
Removed and replaced Alternator #2 with overhauled assembly P/N: ES-4029R, S/N: H-S111577. Removed and replaced the Alternator #2 Field Control Module with new P/N: 29434-003, S/N: 8202. Operational run-up check ok at this time, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 6/2/2020

SIGNED:



Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7309-06-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
7319-06-2020

ADVANCED Fly Advanced

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

DATE: 6/9/2020
A/C TSN: 1502 6
HOBS: 2029 5

Airframe Entries

Removed and replaced the EMA Controller with new P/N: 20902-001, S/N: A19MAY20-31, next due replacement 06-2027.
Removed and replaced the ELT Battery with new P/N: 455-0012, S/N: 386473-017, next due replacement 07-2027

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 6/9/2020

SIGNED:



Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7319-06-2020

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

MAKE: Cirrus
MODEL: SR20
S/N: 2229
REG. NO: N230WA
WORK ORDER:
7609-10-2020

ADVANCED Fly Advanced

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

DATE: 10/7/2020
A/C TSN: 1589 B
HOBBS: 2156.4

ANCY LIST
OVING AIRCRAFT FOR SERVICE

Airframe Entries

Serviced the NLG oleo strut IAW Cirrus AMM 12-10

Maintenance Release

The aircraft and/or component(s) on N230WA 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: 10/7/2020

SIGNED:



Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7609-10-2020

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Make: Cirrus
Model: SR-20
S/N: 2229

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

Date: 11/25/2020
N230WA
Hobbs: 2159.7
Flight: 1591.3
TTA: 1591.3

Airframe Entry:

Performed a pre buy inspection IAW Cirrus Certified SR2X Pre Buy Checklist. List of discrepancies has been provided to the owner and buyer. C/W SB2X-21-06 A/C belt aft lifting ring. C/W SB2X-95-24R2 CAPS Shelf ground wire. C/W SB2X-74-02 Ignition switch security. C/W SB2X-55-12R1 Upper rudder hinge replaced the collector bolt. Replaced the right exhaust collector bolt. Repaired Cyl 6 header collector bolt hole and replaced the collector bolt. Replaced the cabin door foam door seals. Replaced Silver stripe decal on fwd left fuselage. Replaced the "No Step" placards on both wing roots and left flap. Replaced the RMLG tire. Rotated the LMLG tire for even wear. Replaced a/l brake linings. Applied Teflon anti chafe tape on MLG mushroom fairings. Replaced the NLG oleo strut. Details of this work are on file at this facility under work order #LWO-13558. END.

Ryan McGee
A&P37867951A

