

AIRCRAFT LOG
AE5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER K36

PRIMER _____

COLOR FBC920048

COLOR _____

COLOR _____

CLEAR F3905

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-20 DATE OF MFG. OCT. 12
SERIAL NUMBER 2216 REGISTRATION NUMBER N681UC

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	CONTINENTAL MOTORS INC	IO-360-ES	R 1007141 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PHC-134F-10A	FP8031B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

DATE

10/3/12

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT
SA02013CH

CDC ¹⁷ _{EDS} on 10/3/12.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
Life Limited Parts SR20							
PART NAME	PART NUMBER					EXPIRES	
CAPS Rocket Motor	26601-001			S/N <u>1050</u>		<u>10/2/22</u>	
CAPS Parachute	25337-002			S/N <u>1032</u>		<u>9/25/22</u>	
CAPS Reefing Line Cutters	26707-001			S/N: <u>3025</u> S/N: <u>3017</u>		<u>05/18</u>	
ELT Battery Pack	452-6499			Date Installed <u>10/11/2012</u>		<u>11/2019</u>	
EMA Controller, AAIR	20902-001			S/N: <u>A29A912-122</u>		<u>08/2019</u>	
CO Detector	24660-003			S/N <u>10344</u>		<u>10/2019</u>	
Pilot Seat Inflator Assembly	20902-002			AAIF <u>1642</u> S/N <u>20692</u>		<u>09/01/2022</u>	
Co-Pilot Seat Inflator Assembly	20902-002			AAIF <u>1642</u> S/N <u>20229</u>		<u>09/01/2022</u>	

DATE

2014

10/8

[Handwritten signature]

Commander-Aero Inc. - CRS-GA5R-876M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

"I certify that the altimeter and static tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per para (A) and (B) appendix E FAR 43."

LH Make:	Garmin	Model:	GDC-74A	S/N:	20613610
RH Make:	Garmin	Model:	GDC-74A	S/N:	20613710
Stby Make:	United	Model:	5934AD-3	S/N:	496942

Has been tested to: 20,000 feet.

Altitude reporting system has been tested to: 20,000 feet, per para (C) appendix E FAR 43.

"I certify the ATC transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F."

Make: **Garmin** Model: **GTX-33** S/N: **89123773**

Details of this inspection are on file at this repair station under

W.O #: 29746-09-2014 Date: Oct. 8, 2014

Signed: *[Handwritten signature]*

D BY
CERT

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

Commander-Aero Inc. - **CRS-GA5R-876M**
 10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586
 Altimeter(s) tested & inspected per FAR 43, Appendix E.

1 : Garmin
GDC-74A
 S/N: 20613610

-1,000	-10
0	-10
500	-10
1,000	-10
1,500	-10
2,000	-10
3,000	-10
4,000	-10
6,000	-15
8,000	-20
10,000	-20
12,000	-20
14,000	-20
16,000	-20
18,000	-20
20,000	-20
22,000	-----
25,000	-----

2 : Garmin
GDC-74A
 S/N: 20613710

-1,000	-5
0	-5
500	-5
1,000	-5
1,500	-5
2,000	-5
3,000	-5
4,000	-5
6,000	-5
8,000	-10
10,000	-10
12,000	-15
14,000	-15
16,000	-15
18,000	-15
20,000	-15
22,000	-----
25,000	-----

Stby: United
5934AD-3
 S/N: 496942

-1,000	+5
0	0
500	0
1,000	0
1,500	+5
2,000	+10
3,000	+10
4,000	+5
6,000	+5
8,000	-10
10,000	-20
12,000	-35
14,000	-50
16,000	-50
18,000	-70
20,000	-80
22,000	-----
25,000	-----

A/C 'N' No. N681UC

W.O. No. 29746-09-2014

Date: Oct. 8, 2014

Inspector 

U.S.A. 45.9

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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MAKE: Cirrus
 MODEL: SR20
 S/N: 2216
 REG. NO: N681UC
 WORK ORDER:
 29511-10-2013



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

AGENCY & CERTIFICATE NO.
 WORK PERFORMED/RETURNED TO SERVICE
 1001 100 2013
 29511-10-2013
 1001100 20

Airframe Entries

(1) Complied with Annual Relicense.... (2) Complied with 100 Hour Airframe Inspection.... (7) Checked Airworthiness Directives and Inspected door rigging and door seal as per Cirrus requirements no defects noted.... (11) Complied with FAR Part 91.207 on ELT.... (12) cap, and tow bar abrasion tape.... (21) Complied with AmSafe certification.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
 The aircraft and/or component(s) on N681UC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under work order No. 29511-10-2013.

DATE: 10/22/2013

SIGNED: *Bryan Hix*

Hix, Bryan
 Certified Repair Station No. GA5R-876M

Work Order: 29511-10-2013
 Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
 MODEL: SR20
 S/N: 2216
 REG. NO: N681UC
 WORK ORDER:
 29636-05-2014



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

DATE: 5/8/2014
 A/C TSN: 109.1
 FLIGHTTIME: 90

Airframe Entries

(1) Complied with Cirrus 50 hr. inspection.... (4) Complied with Cirrus SB2X-33-06 Exterior Lighting LED Strobe Light Gasket Installation.... (5) Removed and replaced Oleo Nose strut abrasion tape.

Maintenance Release

The aircraft and/or component(s) on N681UC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 29636-05-2014.

DATE: 5/8/2014

SIGNED: *Alvin Minzler*

Minzler, Alvin
 Certified Repair Station No. GA5R-876M

Work Order: 29636-05-2014
 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus
MODEL: SR20
S/N: 2216
REG NO: N681JC
WORK ORDER
29746-09-2014



Commander Aero, Inc.

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

DATE: 10/20/2014
AVIATION 1377
FLIGHTTIME 1186

Airframe Entries

(1) Complied with Annual relicense.... (2) Complied with 100 Hour Airframe Inspection... (6) Checked Airworthiness Directives and Mandatory Service Bulletins.... (7) Complied with FAR Part 91.207 on ELT.... (11) Complied with AmSafe certification.... (15) Installed new number two batteries. Due again 10/2016.... (16) Complied with Concorde battery capacity check .

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N681JC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 29746-09-2014.

DATE: 10/20/2014

SIGNED:

Minzler, Alvin
Certified Repair Station No. GA5R-876M

Work Order: 29746-09-2014

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MAKE: Cirrus
MODEL: SR20
S/N: 2216
REG NO: N681JC
WORK ORDER
29758-10-2014



Commander Aero, Inc.

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

DATE: 11/11/2014
AVIATION 1377
FLIGHTTIME 1186

Airframe Entries

(1) Installed new factory right wing tip assembly. All lights ops checked good.

Maintenance Release

The aircraft and/or component(s) on N681JC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 29758-10-2014.

DATE: 11/11/2014



SIGNED:

Minzler, Alvin
Certified Repair Station No. GA5R-876M


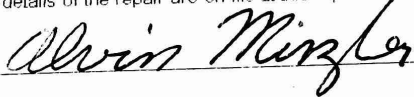
Work Order: 29758-10-2014

Printed by EBis 3 (datcomedia.com)

F.A.R. 43.17

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		 <p>Commander Aero, Inc. Repair Station No. GA5R-876M 10670 Springboro Pike Miamisburg, Ohio 45342 USA Phone 888-881-5580</p>	DATE: 4/17/2015 A/C: N681UC FLIGHTTIME: 141
		<p>Airframe Entries</p> <p>(1) Installed new Full Up Flap Actuator Limit Sensor P/N 16675-003, Operational checked satisfactory.... (3) Complied with Cirrus 50 hr. inspection.</p>	
		<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N681UC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 29861-04-2015.</p>	
		<p>DATE: 4/17/2015</p> <p>SIGNED: </p> <p>Minzler, Alvin Certified Repair Station No. GA5R-876M</p>	<p>Work Order: 29861-04-2015</p> <p>Printed by EBis 3 (datcomedia.com)</p>

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 SR20 S/N 2216 REG NO N681UC WORK ORDER: 30005-10-2015	 Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580	DATE 11/13/2015 A/C TSN 2118 FLIGHTTIME 1927
	Airframe Entries (1) Complied with Annual relicense.... (2) Complied with 100 Hour Airframe Inspection.... (7) Complied with FAR Part 91.207 on ELT.... (8) Checked Airworthiness Directives and Mandatory Service Bulletins.... (13) Complied with Concorde Battery Inspection/Check - Battery 1 Capacity check.... (15) Performed System Tests & Inspections, Per Avidyne TAS-6xx Installation Manual, P/N 600-00282-00 Rev. 00, Dated 27 April 2011, Section 4.3.2 Personal Computer Interface. Performed Cirrus Service Bulletin 2X-34-26 Suggested Tests & Inspections of Antennas & Cables. Could not Duplicate Reported Traffic Target Bearing Malfunction. All Tests & Inspections within Specified Tolerances. Normal System Ground Operation Observed.... (16) Complied with Am-Safe Aviation Inflatable Restraint System Certification.... (17) Complied with Cirrus mandatory SB 2X-28-12R1 Fuel Pump Inspection.... (21) Installed new #1 Alternator P/N 50933-001 S/N H-P020113, Operational checked satisfactory.... (22) Installed new #2 Alternator P/N 653344, S/N H-D-301503, Operational checked satisfactory.		
	I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy The aircraft and/or component(s) on N681UC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 30005-10-2015		
	DATE: 11/13/2015	SIGNED:  Minzler, Alvin Certified Repair Station No. GA5R-876M	Work Order: 30005-10-2015 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

Production Flight Test accomplished in accordance with
Cirrus Procedure #90500.

Name: Dan Ryan

Date 26 Oct 12

Signature: Dan Ryan

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 10 / 29 / 2012.
The next inspection is due 10 / 31 / 2013.

Abram K. Pauna

Abram K. Pauna
DMIR-833745-CE