

Log book #1

N3480

AIRCRAFT LOG
AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER K36

PRIMER _____

COLOR FBC 92813

COLOR _____

COLOR _____

CLEAR F3905

150

Aircraft Log TABLE OF CONTENTS

TC # A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. MAR, 07
SERIAL NUMBER 2389 REGISTRATION NUMBER N348CD

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	TQ-550N	R 690872 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PHC-53YF-1RF	FP5204B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

1

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 SR22

PART NAME	PART NUMBER		EXPIRES	
CAPS Rocket Motor	15047-001	S/N <u>3191</u>	<u>11/16</u>	<u>Feb 2027</u>
CAPS Parachute	20331-001	S/N <u>02688</u>	<u>1/17</u>	<u>March 2027</u>
CAPS Reefing Line Cutters	5212	LOT <u>705064</u> <u>003-037</u>	<u>09/12</u>	<u>AUG 18 ✓ 05/2024</u>
ELT Battery Pack	452-6504	Date Installed <u>02/07</u>	<u>OCT 2011</u>	<u>SEPT 16 OCT 2025</u>
EMA Controller, AAIR	20902-001	S/N <u>13MAR06-</u> <u>193</u>	<u>MAR 2013</u>	<u>AUG 20</u>
Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 266T</u> <u>20302</u>	<u>12/11/2013</u>	<u>AUG 20</u>
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 266T</u> <u>20337</u>	<u>12/11/2013</u>	<u>AUG 20</u>

LIFE LIMITED PARTS ON

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.
--------------	-------------	---------------	-------------------------	--------------------------	----------------------	--------------------	------------------

Packed Parachute Assembly
CDC P/N:25574-004-REB
S/N: 02761R1
Canopy Color: Orange/White
Pack Date: 03/07/2017
Expires 10 years from pack date.

Cirrus Design Corporation
Duluth, MN 55811
USA
PC# 338CE
Inspected By: _____



Installed



South St Paul, MN 55075

SR22

Packed Parachute Assembly

BRS P/N : 10013/B
CDC P/N: 20331-001/C

S/N: 02688
Canopy Color: Orange/White

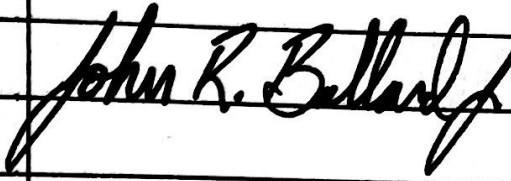

Cutter Exp: 09/12
Mfg Date: 01/07
(Repack is Ten Years from aircraft installation date)

INSP:



Removed

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.
		3/5/07 3.5	Searched AD's through bi-weekly issue <u>2007-05</u> . All AD's are in compliance at this time.			 

9

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 25,000 **FEET ON** 02/15/07

Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83721973

Encoder: Model ACK P/N A-30 S/N 105299

Altimeter: Mfg Avidyne

(PFD) 15222-005 S/N 20018516

Mfg United P/N 12731-003 S/N 459706

CDC Quality Assurance  on 02/15/07

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

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.

DATE

4/20/09

[Signature]

Date: 4-20-09

S/N: D1196

-1,000	---
0	-10
500	-20
1,000	-10
1,500	-10
2,000	-10
3,000	-10
4,000	-10
6,000	-10
8,000	-10
10,000	-20

12,000	-20
14,000	-30
16,000	-20
18,000	-30
20,000	-20
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

Inspector *[Signature]*

S/N: 459706

-1,000	0
0	0
500	0
1,000	+10
1,500	0
2,000	+10
3,000	+10
4,000	+10
6,000	-10
8,000	-40
10,000	-50

12,000	-60
14,000	-70
16,000	-80
18,000	-80
20,000	-60
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

BY:
RT. NO.

A/C 'N' No. N348CD

W.O. No. 27856-04-2009

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

W.O.#: 27856-04-2009

Date: 4-20-09

Signed: *[Signature]*

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

DATE

4/20/09



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

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

BY:
RT. NO.

"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: **Avidyne** Model: **EXP-5000** S/N: **D1196**

Has been tested to: **20,000** feet.

RH Make: **United** Model: **5934P-3** S/N: **459706**

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."

#1 Make: **Garmin** Model: **GTX-327** S/N: **83721973**


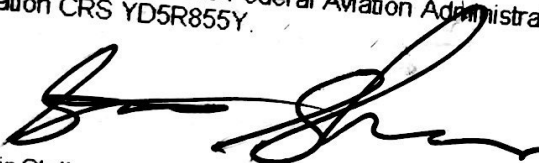
#2 Make: **N/A** Model: **N/A** S/N: **N/A**


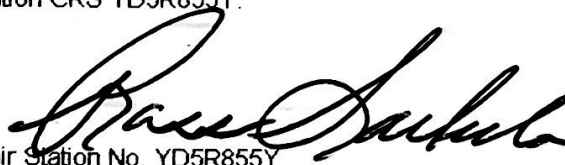
Details of this inspection are on file at this repair station under

W.O.#: **27856-04-2009** Date: **4-20-09**

Signed: 

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2389 REG. NO: 348TD WORK ORDER: 8527-03-2007		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	DATE: 3/5/2007 A/C TSN: 4 HOBBS: 4
Airframe Entries (1) Repaired paint on right wingtip leading edge I.A.W. Cirrus A.M.M. 51-20.			
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: 3/5/2007	SIGNED:  Scott Schelde Certified Repair Station No. YD5R855Y		Work Order: 8527-03-2007 Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2389 REG. NO: 348TD WORK ORDER: 8549-03-2007		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	DATE: 3/7/2007 A/C TSN: 11.4 HOBBS: 11.4
Airframe Entries (1) Cleaned and lubricated prop gov and throttle control cables rod ends IAW CD SR-22 AMM 12-20, power lever movement test ok IAW CDC SR-22 AMM 76-10.			
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.			
DATE: 3/7/2007	SIGNED:  Ross Sarkela Certified Repair Station No. YD5R855Y		Work Order: 8549-03-2007 Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348TD
WORK ORDER:
27089-06-2007



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

DATE: 6/14/2007
A/C TSN: 32.7
HOBBS: 32.7

Airframe Entries

(4) Complied with SB 2X-95-10R2 (CAPS Pick-up Collar Support Replacement) S/N 3191.

Maintenance Release

The aircraft and/or component(s) on N348TD 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. 27089-06-2007; Dated 6/14/2007.

DATE: 6/14/2007

SIGNED:

Holland, Susan

Certified Repair Station No. GA5R-876M

Work Order: 27089-06-2007

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MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348TD
WORK ORDER:
27226-08-2007

Commander Aero, Inc.

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

DATE: 8/30/2007
A/C TSN: 49.4
HOBBS: 49.4

Avionics Entries

(1) Removed Avidyne EXP-5000 PFD P/N 700-00006-000, S/N 20018516 and replaced with warranty exchange unit Avidyne EXP-5000 PFD P/N 700-00006-000, S/N D1196. Performed post installation Pitot, Static, Mag. Cal. & Autopilot Cal. checks per manufacturers specifications. Normal operation observed.

Maintenance Release

The aircraft and/or component(s) on N348TD 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. 27226-08-2007; Dated 8/30/2007.

DATE: 8/30/2007

SIGNED:

Musgrave, Jack

Certified Repair Station No. GA5R-876M

Work Order: 27226-08-2007

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MAINTENANCE RECORD F.A.R. 43.9

TEC
LET

MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
27308-11-2007



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

DATE: 11/30/2007
A/C TSN: 56.5
HOBBS: 56.5

DATE NO.
ED TO SEI

Airframe Entries

(1) Installed Tanis heater system per instructions of TANIS Aircraft Services.... (3) Removed "T" and replaced with "C" to comply with registration number change.

Maintenance Release

The aircraft and/or component(s) on N348CD 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. 27308-11-2007, Dated 11/30/2007.

DATE: 11/30/2007

SIGNED: *Gary R Kromer*
Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 27308-11-2007
Printed by EBis 3 (datcomedia.com)

Engine Log Book Entry

Date:

Engine Time:

40664

Installed the TAS100 preheater system, S/N _____ in accordance with Tanis Aircraft Services instructions and drawing NO. 104

Name: *SEE ABOVE ENTRY*

~~A & P#:~~

AIRCRAFT TIME

**DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED**

**AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE**

MAKE Cirrus
MODEL SR22
S/N 2389
REG. NO N348CD
WORK ORDER
27362-01-2008



Commander Aero, Inc.

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

DATE: 4/15/2008
A/C TSN: 677
HOBBS: 677

Avionics Entries

(1) Relocated GPS Antennas I.A.W. Cirrus S.B. 2X-34-24 R-1 Dated 29 Jan. 2008. See FAA Form 337, this date.... (2) Upgraded Avidyne EXP-5000 PFD & EX-5000c MFD to Software ver. 7. I.A.W. Cirrus S.B. 2X-34-24 R-1 Dated 29 Jan. 2008. See FAA Form 337, this date.... (3) Upgraded Dual Garmin GNS-430's to GNS-430W WAAS Capable I.A.W. Cirrus S.B. 2X-34-24 R-1 Dated 29 Jan. 2008. See FAA Form 337, this date.

Maintenance Release

The aircraft and/or component(s) on N348CD 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. 27362-01-2008, Dated 4/15/2008.

DATE: 4/15/2008

SIGNED:

Work Order: 27362-01-2008

Musgrave, Jack
Certified Repair Station No. GA5R-876M

Printed by EBis 3 (datcomedia.com)

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK PERFORMED/RETURNED
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MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
27437-03-2008



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

DATE: 4/15/2008
A/C TSN: 67.7
HOBBS: 67.7

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) AD 08-06-28 Avidyne PFD N/A by S/N.... (8) Installed new "N" number decal on instrument panel.... (10) Resealed brakes and bled brake system.... (11) Removed, cleaned and recharged #2 batteries and reinstalled.... (12) Replaced well nut on LMG upper fairing.... (13) Replaced middle screw on RMLG fairing.... (14) Replaced L/H fuel sump drain.... (15) Complied with AD 08-03-16 (Rudder Aileron Interconnect Modification). Reference SB 2X-27-14 R3.... (16) Complied with SB2X-52-07 R4 (Cabin door rod end replacement).... (18) Removed safety, tightened castle nut and resafetied throttle linkage at large area washer.... (19) Applied corrosion inhibitor to the MCU.... (20) Complied with Amsafe recertification.... (21) Disassembled nose fork, cleaned and reassembled to correct resistance of 20/25 lbs.... (22) Complied with FAR 91.207 on ELT.... (24) Replaced decal on ELT access panel.... (26) 4" of missing red cowl seal replaced on lower right cowling.... (27) 8" of missing red cowl seal replaced on lower left cowl.... (30) Replaced damaged abrasion tape on left flap.... (32) Covered abraded Amsafe wire on left side with black ATV.... (33) Replaced gasket on L/H inboard fuel transmitter.... (35) Installed customer supplied O2 system.... (36) Adjusted doors after SB2X-52-07 R4 (Cabin door rod end replacement).... (37) Serviced, charged & load tested battery.... (39) Checked AD's thru 08-07.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N348CD 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. 27437-03-2008, Dated 4/15/2008.

DATE: 4/15/2008

SIGNED:

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

Work Order: 27437-03-2008

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETION

MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
27856-04-2009



Commander Aero, Inc.

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

DATE: 3/24/2009
A/C TSN: 107
HOBBS: 107

NO.
TO SERVICE

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (6) Complied with FAR 91.207 on ELT.... (10) Installed new anti chafe tape on left hand wheel part.... (11) Completed IFR Certification per FAR Parts 91.411 and 91.413... (12) Complied with AmSafe Aviation Inflatable Restraint System Certification.... (14) Installed new anti chafe tape on L/H & R/ H flaps.... (19) Replaced out of date #2 batteries with new.... (24) Checked AD's thru 09-08.

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 N348CD 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. 27856-04-2009, Dated 5/1/2009.

DATE: 3/24/2009

SIGNED:

Work Order: 27856-04-2009

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

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MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
28133-01-2010



Commander Aero, Inc.

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

DATE: 1/29/2010
A/C TSN: 130.5
HOBBS: 130.5

Airframe Entries

(1) Replaced both rusted entry steps with new.... (2) Cleaned and retorqued fuel line fittings in right wing and leak checked.... (3) Complied with SB 2X-05-01 (05-10 Overhaul and Replacement Schedule - Brake Assembly O-ring Replacement Interval).

Maintenance Release

The aircraft and/or component(s) on N348CD 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. 28133-01-2010, Dated 2/1/2010.

DATE: 1/29/2010

SIGNED:

Work Order: 28133-01-2010

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

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MAINTENANCE RECORD

MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
28213-04-2010



Commander Aero, Inc.

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

DATE: 5/1/2010
A/C TSN: 151
HOBBS: 151

**DATE NO.
NEXT TO SERVICE**

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) Replaced screw missing on pilot's side top door hinge cover.... (6) Replaced screw missing on pilot's side wing-fuselage fairing forward inspection panel.... (7) Complied with FAR Part 91.207 on ELT.... (11) Serviced, charged, and load tested battery.... (13) Rerigged rudder-aileron interconnect to AMM specs.... (16) Cleaned right inboard fuel sender and retorqued bolts.... (17) Replaced torn flap anti-chafe tape on both flaps.... (18) Replaced screw missing on right main gear fairing.... (19) Replaced 3 wellnuts on right wing.... (21) Checked AD's thru 10-09.

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 N348CD 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. 28213-04-2010, Dated 5/7/2010.

DATE: 5/1/2010

SIGNED:

Work Order: 28213-04-2010

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

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JETSELECT
Premium Aircraft Charter

JetSELECT LLC
4130 E 5th Ave
Columbus OH 43219

ACFT	Cirrus SR22	REG	N348CD	SN	2389	H.M.	330.9
MAKE	Continental	MODEL	IO520-N (46)	SN	690872		

THE FOLLOWING MAINTENANCE WAS PERFORMED:

Completed 50 hour oil and filter change. Inspected oil filter no defects noted.

Signature

Steven C. Tompkins

Certificate#

AP287666326

Date

8/16/2010

MAINTENANCE RECORD



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Bldg. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 09/02/10 Work Order #: AM04165 N#: 348CD
Aircraft Make/Model: SR-22 Serial #: 2389
Hour Meter: 0338.8 Aircraft total time: 0338.8

Airframe Log:

1. C/W 50 hour insp IAW Cirrus SR-22 guide.
2. Replaced landing lite lense with new P/N 17298-001 (C of C).
3. Replaced both MLG tires with new P/N's 301-249-420, S/N 01632187 (L/H), and 01632176 (R/H).
4. Ground run, ops/function and leak checked satisfactory.

"Maintenance Release"

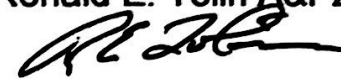
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature:  for CRS# IKBR028F


Lunken Airport **Air Tolin** _____
Cincinnati, Ohio 513-871-8235

N348CR 1/4/11
removed battery serviced with water and charged.
reinstalled. test for operation ok for return to service in
regards to work done. Ronald E. Tolin A&P2025372



Lunken Airport **Air Tolin** _____
Cincinnati, Ohio 513-871-8235

N348CD 2/15/11
serviced and installed new G243 battery ok for return to
service in regards to work done. Ronald E. Tolin
A&P2025372



MAINTENANCE RECORD

JETSELECT Log Entry Type: Airframe Make: Cirrus Model: SR22 s/n: 2389 Total Time: 518.6 Hobbs: 518.6

4130 East Fifth Avenue
Columbus, Ohio 43219

A/C Registration: N348CD Type of Work Performed: Inspection(s) Airworthiness Directive(s) Service Bulletin(s)/Equivalency Other Maintenance

AGENCY & CERTIFICATE NO.
PERFORMED/RETURNED TO:

Item #

- Removed replaced Rt. wing tip strobe flash tube assy IAW Cirrus SR22 AMM 33-40-01. Ops check normal.

The following Serialized/Life Limited component part(s) were changed (with reference to Item #). Note: Non-Serialized/Non-Life Limited component part changes are documented in the work order on file, as applicable.

Ref. Item #	Component Name	Part Number OFF	Serial Number OFF	Part Number ON	Serial Number ON
1	Flash Tube Assy.	36-0050705-00	N/A	36-0050705-00	N/A

I certify that the above stated maintenance and/or inspection(s) was performed in accordance with current and applicable FAA regulations, and regarding the work performed and information contained in Work Order #NRS1298, the aircraft identified above is approved for return to service.

Signature



Eric Lange

Certificate # AP 2896592 Date 4-11-2011



DATE: 15 February 2011 N348CD HOBBS:

Removed fairing from left main gear. Removed tire and wheel assembly. Disassembled, removed and replaced tire and tube. Installed a Goodyear Flight Custom III 15x6.0-6 tire, and new tube. Torqued wheel assembly to 150 in. lbs. Serviced tire to 60 psi. Reinstalled wheel assembly on aircraft, and reinstalled fairing. Check/good


Joseph Smith

3167653 A&P



4510 Airport Rd.
Cincinnati OH 45226
(513) 321-1200



SERVICE

N348CD Airframe S/N 2389 Date: 7/14/2011 Flight Hours: 584.6 Hobbs: 599.0

Secured loose cargo door pocket using 3m mounting tape. Installed new abrasion tape p/n 8672 to both flaps.

Greg Herrmann 406901563IA



4510 Airport Rd.
Cincinnati OH 45226
(513) 321-1200



N348CD Date: 9/30/2011 Airframe S/N 2389 Flight: 648.7 Hobbs: 663.0

The following work was accomplished at this time:

1. Accomplished Airshares Elite 100hour service interval.
2. Installed 8 new brake linings p/n 066-06200
3. Installed new elt battery p/n 455-0012 **New battery replacement date: SEPT/2018.**
4. Tested elt per far 91.207d.
5. Copilot door reported difficult to latch. Adjusted upper door cable. Checks good.

Greg Herrmann 406901563IA

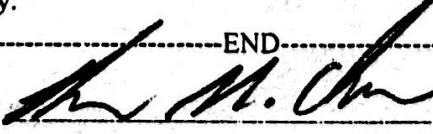
Wulfsberg Electronics Division
Prescott, AZ 86301 USA
CAGE Code: 1B7G3

ME406 LITHIUM BATTERY PACK MnO2
PART NO: 452-6499 REV: A
TSO C126 W.O.# 41066-031
EXPIRATION DATE: SEP/2018 DO-227
ENV CAT D1XBC[B204]204JXRXXXXZAZZ[204H]XXXXXXX

REV. A
DCN 341

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
		<div data-bbox="532 551 763 639" data-label="Image"> </div> <div data-bbox="1047 532 1136 639" data-label="Image"> </div> <div data-bbox="539 639 1117 774" data-label="Text"> <p>THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case Road Hgr. 3 Columbus, Ohio 43235-2526 CRS# IKBR028F</p> </div> <div data-bbox="433 774 1229 811" data-label="Text"> <p>Date: 5/26/2011 Work Order #: AM04468 #: N348CD</p> </div> <div data-bbox="433 822 1206 857" data-label="Text"> <p>Acft Make/Model: Cirrus SR22 Serial #: 2389</p> </div> <div data-bbox="433 868 1062 905" data-label="Text"> <p>Flight Meter: 526.4 Total Time: 526.4</p> </div> <div data-bbox="433 913 709 959" data-label="Section-Header"> <p><u>Airframe Log;</u></p> </div> <div data-bbox="433 959 1328 1776" data-label="List-Group"> <ol style="list-style-type: none"> 1. Complied with an Annual Inspection I.A.W. Cirrus Design SR22 Inspection Guide. Aircraft function checked normal. 2. Rotated Rt MLG tire for even wear. Cleaned, inspected, and repacked all wheel bearings. 3. FAR 91.207 d, "elt insp." has been performed. 4. ATC transponder test and inspections as required by FAR 91.413, I.A.W. FAR 43, App. F have been performed. Altimeter, static system and altitude reporting equipment test as required by FAR 91.411, I.A.W. FAR 43, app. E have been performed. 5. Complied with Avidyne 2yr magnetometer calibration as per Avidyne AVPFD-174, para 7.7.3.1. 6. Installed two new no.2 batteries p/n 50979-001 from Cirrus API due to Cirrus time limits. 7. Installed new wheel fairing well-nut p/n 50802-001. C of C on file. 8. Repaired Right wingtip scratch & painted per Cirrus AMM Ch. 51-70. 9. Installed one new nose gear rebound bumper p/n 18380-001 from Cirrus API as per Cirrus AMM, chap. 32. 10. Installed Cirrus NLG repair kit p/n 70238-001 to C/W SB 2X-32-19 R2. C of C for reinforcement kit on file. </div> <div data-bbox="433 1814 1321 1911" data-label="Text"> <p>I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2011-11.</p> </div> <div data-bbox="730 1916 1019 1948" data-label="Section-Header"> <p><u>"Maintenance Release"</u></p> </div> <div data-bbox="433 1946 1321 2075" data-label="Text"> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.</p> </div> <div data-bbox="777 2085 837 2115" data-label="Text"> <p>-----END-----</p> </div> <div data-bbox="438 2145 1239 2179" data-label="Text"> <p>Signature:  for CRS# IKBR028F</p> </div>	



THE OHIO STATE UNIVERSITY AIRPORT
 2160 West Case road
 Columbus, Ohio 43235-2526
 CRS# IKBR028F

Date: 5/25/2011 W.O. #: AM04468 N#: 348CD
 Acft Make/Model: Cirrus SR22 Serial #: 2389
 Hour Meter: 526.4 Aircraft T.T.: 526.4

Airframe Log:

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Altimeter P/N: 700-00006-000 5934P-3	Altimeter S/N: D1196 459706	Tested to: 20,000 FT.	Next Due: 5/2013
Encoder P/N: ACK A-30	Encoder S/N: 105299	Tested to: 20,000 FT.	Next Due: 5/2013
Xponder P/N: GTX-327	Xponder S/N: 83721973	Tested to: 20,000 FT.	Next Due: 5/2013

END

Signature:  for FAA CRS # IKBR028F

MAINTENANCE RECORD

R. 43.9

WORK PERFORMED
 DATA USED

AGENCY & CERTIFICATE NO.

SERVICE



The Ohio State University
 2160 W. Case Rd. Hgr. 3
 Columbus, Ohio 43235
 CRS# IKBR028F.

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card

Scale Corrections for: N348CD		Altimeter Serial#: 459706	
Test Points	Indicator Error	Test Points	Indicator Error
-1000	+10	14,000	-60
0	0	16,000	-70
500	-10	18,000	-70
1,000	0	20,000	-60
1,500	+15	22,000	xxxxx
2,000	+10	25,000	xxxxx
3,000	+20	30,000	xxxxx
4,000	+20	35,000	xxxxx
6,000	+10	40,000	xxxxx
8,000	-10	45,000	xxxxx
10,000	-30	50,000	xxxxx
12,000	-40		
Date: 5/25/2011		Technician: OSU Airport	

MAINTENANCE RECORD

F A.R. 43.9

SERVICE

CO



The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F.

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card

WORK PERFORMED
ED DATA USED

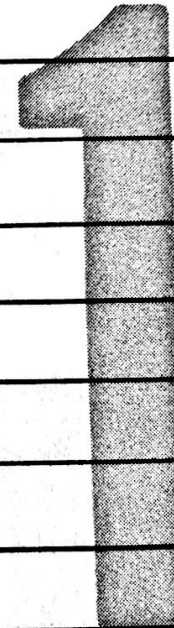
AGENCY & CEF
WORK PERFORMED/R

Scale Corrections for: N348CD Altimeter Serial#:D1196

Test Points	Indicator Error	Test Points	Indicator Error
-1000	---	14,000	-25
0	0	16,000	-25
500	-10	18,000	-30
1,000	-20	20,000	-30
1,500	-10	22,000	xxxxxx
2,000	-20	25,000	xxxxxx
3,000	-10	30,000	xxxxxx
4,000	-10	35,000	xxxxxx
6,000	-15	40,000	xxxxxx
8,000	-15	45,000	xxxxxx
10,000	-20	50,000	xxxxxx
12,000	-15		xxxxxx

Date: 5/25/2011

Technician: OSU Airport



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 SER
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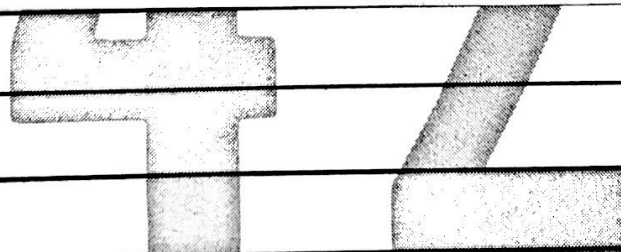
4510 Airport Rd.
Cincinnati OH 45226
(513) 321-1200



N348CD *Airframe* **S/N 2389** **Date:** 1/11/2012 **Flight Hours:** 705.0 **Hobbs:** 719.3

1. Adjusted nose wheel spindle nut tension to achieve 25 lbs of pull per Cirrus SR22 AMM Rev.B1 Chapter 32-20 pg. 27-28.

Greg Herrmann 406901563IA



INSPECTION RECORD

F.A.R. 43.11-91.409

TE NO. ED TO SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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	22 FEB 07	3.2	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502</p> <p>Name: Ross Rotramel Date <u>22 FEB 2007</u></p> <p>Signature: <u>Ross Rotramel</u></p> <p>Title: Production Flight Test Pilot</p>	

	March 05 2007	3.5 hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>March 05 / 2007</u>.</p> <p>The next inspection is due <u>March / 31 / 2008</u></p> <p><u>Loren L. Thibert</u></p> <p>LOREN L. THIBERT ODARF-405228-CE</p>	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

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



4510 Airport Rd.
Cincinnati OH 45226
(513) 321-1200



N348CD Date: 3/15/2012 Airframe S/N 2389 Flight: 736.7 Hobbs: 751.2

The following work was accomplished at this time:

1. Accomplished Airshares Elite 200hour service interval inspection.
2. Installed new right nav light p/n 50910-001.
3. Applied new protective aluminum tape to both lower cowl halves.
4. Installed new flight hour meter differential pressure switch p/n 14128-001.
5. Installed new right main tire p/n 0720-449-0.
6. Adjusted nose gear spindle nut to 25lbs tension.
7. Tested elt per far 91.207d. test good.

Greg Herrmann 406901563IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Mac Air 140 N. Valley Rd. Xenia, Ohio 45385
N348CD Date: 7/25/12 Hobbs: 838.7 Flt: 811.3

Completed a 100 hour inspection in accordance with Cirrus Maintenance Manual. Inspected ELT in accordance with FAR 91.207(d). Found satisfactory at this time. ELT battery due September 2018. Serviced aircraft battery. Researched AD's through current biweekly issue. All AD's found current. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. ////END////

Signature  A&P2835072
Mark A. Trick

Mac Air 140 N. Valley Rd. Xenia, Ohio 45385
N348CD Date: 8/23/12 Hobbs: 904.8

Installed new EGT probe in #3 exhaust pipe. Ground ran engine. Ops check good.///////END////////

Signature  A&P2835072
Mark A. Trick

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME
IN SERVICE

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

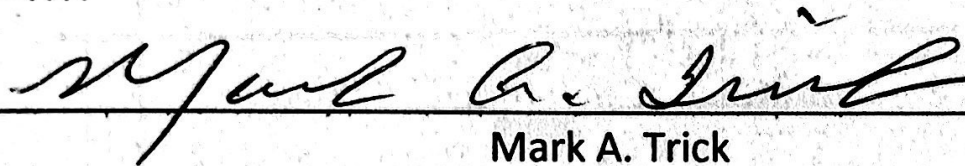
Mac Air 140 N. Valley Rd. Xenia, Ohio 45385

28 Aug 2012

N348CD Date: Hobbs: 829.5

Removed nose wheel fairing in accordance with cirrus maintenance manual. Change in weight and balance negligible. Jacked aircraft and checked nose wheel fork tension. Found satisfactory at this time. ////END////

Signature



A&P2835072

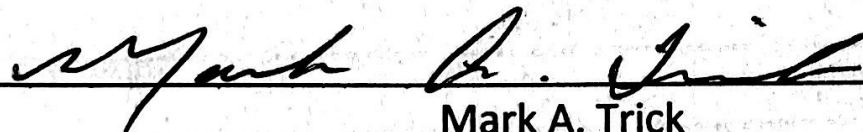
Mark A. Trick

Mac Air 140 N. Valley Rd. Xenia, Ohio 45385

N348CD Date: 9/12/12 Hobbs: 931.3 Flt: 897.9

Completed a 100 hour inspection in accordance with Cirrus Maintenance Manual. Inspected ELT in accordance with FAR 91.207(d). Found satisfactory at this time. ELT battery due September 2018. Serviced aircraft battery. Installed new Brackett air filter element P/N BA-24. Installed new Right upper wheel pant bracket P/N 13522-001. Installed new left lower wheel pant bracket P/N 17205-001. Installed new 15X6.00-6 tires and tubes on both main wheels. Installed new 5.00-5 tire and tube on nose wheel. Repaired left front engine baffle in accordance with AC 43.13. Researched AD's through current biweekly issue. All AD's found current. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. ////END////

Signature



A&P2835072

Mark A. Trick

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME
IN SERVICE

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

MAKE Cirrus
MODEL SR22
S/N 2389
REG NO N348CD
WORK ORDER
29268-02-2013



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 866-881-5580

DATE 2/19/2013
A/C TSN 10023
HOBB'S 10023

Avionics Entries

(12) During performance of Bi-Annual Static/Altimeter/Transponder Test and Inspection found Pitot System has excessive leaks. Troubleshoot system and isolated leak to right angle "snap" fitting at rear of PFD. Repaired fitting and retested. Normal system operation restored. Proceeded with B-Annual Test and Inspection.

Maintenance Release

The aircraft and/or component(s) on N348CD 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. 29268-02-2013.

DATE: 2/19/2013

SIGNED:

Musgrave, Jack
Certified Repair Station No. GA5R-876M

Work Order: 29268-02-2013

Printed by EBis 3 (datcomedia.com)

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

DATE	AIRCRAF IN SER
------	-------------------

Date: 2-19-13

Inspector 

S/N: D1196

-1,000	-10
0	-10
500	-10
1,000	-10
1,500	-10
2,000	-10
3,000	-10
4,000	-10
6,000	-10
8,000	-10
10,000	-20

12,000	-20
14,000	-20
16,000	-20
18,000	-30
20,000	-30
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

S/N: 459706

-1,000	+5
0	0
500	0
1,000	+5
1,500	+5
2,000	+5
3,000	+5
4,000	+5
6,000	-5
8,000	-20
10,000	-30

12,000	-70
14,000	-70
16,000	-70
18,000	-80
20,000	-80
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

A/C 'N' No. N348CD

W.O. No. 29268-02-2013

W.O.#: 29268-02-2013

Date: 2-19-13

Signed: 

INSPECTION RECORD F.A.R. 43.11-91.409

TE

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

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."

PFD Make: **Avidyne** Model: **EXP-5000** S/N: **D1196**Stby Make: **United** Model: **5934D-3** S/N: **459706**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-327** S/N: **83721973**

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

W.O.#: **29268-02-2013** Date: **2-19-13**Signed: 

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

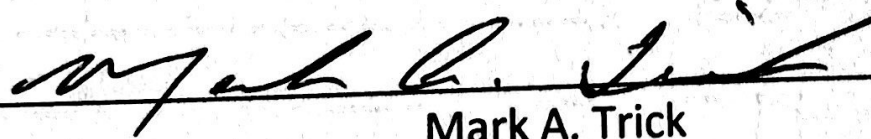
AIRCRAFT TIME
IN SERVICE

Mac Air 140 N. Valley Rd. Xenia, Ohio 45385

N348CD Date: 3/25/2013 Hobbs: 1010.3 Ft: 972.6

Completed an annual inspection in accordance with Cirrus Maintenance Manual. Inspected and lubed all cables, pulleys, hinges and bellcranks. Inspected ELT in accordance with FAR 91.207(d). Found satisfactory. ELT battery due September 2018. Installed new Brackett air filter element P/N BA-24. Serviced aircraft battery. Cleaned, inspected and greased all wheel bearings. Installed new right hand inboard wheel fairing bracket P/N 17205-002. Installed new left hand upper wheel fairing bracket P/N 13522-001. Installed new alternate air flapper assembly P/N 15710-002 and bolt P/N AN3-34. Installed new muffler P/N 14836-001. Repaired front engine baffle in accordance with AC 43.13. Researched AD's through current biweekly issue. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. ////END////

Signature



Mark A. Trick

A&P2835072IA

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Mac Air 140 N. Valley Rd. Xenia, Ohio 45385

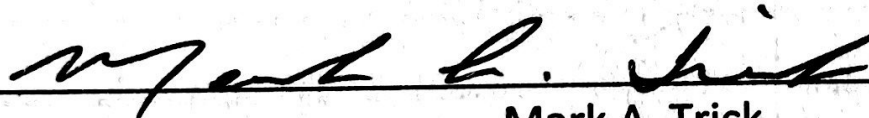
N348CD Date: 6/5/2013 Hobbs: 1092.0 Flt: 1048.3

Completed a 100 hour inspection in accordance with Cirrus Maintenance Manual. Inspected ELT in accordance with FAR 91.207(d). Found satisfactory at this time. ELT battery due September 2018.

Serviced aircraft battery. Installed new Brackett air filter element P/N BA-24. Repaired right hand engine baffle in accordance with AC 43.13. Rotated left and right main tires on wheels. Installed 6 new exhaust gaskets P/N 652458. Installed new boot P/N MS25171-4S on positive battery cable.

Researched AD's through current biweekly issue. All AD's found current. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. ////END////

Signature



Mark A. Trick

A&P2835072

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE
AIRCRAFT TIME
IN SERVICE

MAKE Citrus
MODEL SP22
S/N 2369
REG NO N348CD
WORK ORDER
29344-05-2013



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 888-681-5590

DATE 5/15/2013
AIRCRAFT TIME 10023
FLIGHTTIME 10003

Avionics Entries

- (1) Removed S-Tec 55X, Autopilot Computer/Controller, P/N 01192-34-61T-30, S/N 0705-11011 AJ/AE and Installed Avidyne DFC-90, Digital Flight Control Autopilot Computer, P/N 700-00170-000 Rev: 01, S/N M131996602. See FAA Form 337 this date....
- (2) Removed Avidyne EXP-5000 PFD, P/N 700-00006-000 Rev 17, S/N D1196, and Exchanged for Avidyne EXP-5000 PFD, P/N 700-00006-000 Rev 15, S/N D1126, to Facilitate Avidyne DFC-90 Installation. See FAA Form 337 this date.

Maintenance Release

The aircraft and/or component(s) on N348CD 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. 29344-05-2013.

DATE: 5/15/2013

SIGNED:



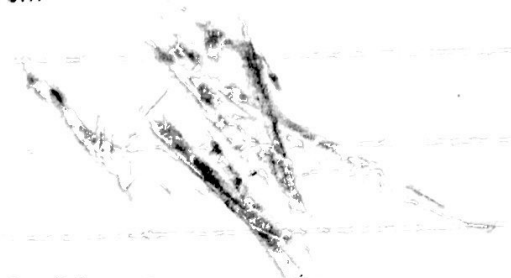
Musgrave, Jack
Certified Repair Station No. GA5R-876M

Work Order: 29344-05-2013

Printed by EBis 3 (datcomedia.com)

KIND OF INSPECTION - STATUS & DISCREPANCY LIST


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

DATE	AIRCRAFT TIME IN SERVICE		
	MAKE: Citrus MODEL: SR22 S/N: 2389 REG. NO: N348CD WORK ORDER: 29268-02-2013	 Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580	DATE: 2/19/2013 A/C TSN: 965.3 FLIGHTTIME: 965.3
	Airframe Entries	<p>(1) Repainted left and right wing outboard of wing walk area.... (3) Removed and replaced GTS graphic on right side of tail.... (4) Removed and replaced cowl graphic on right side of fuselage and repaired graphics on door.... (5) Replaced CAPS Line cutters. Left S/N - 3774 Right S/N - 3794 EXP Date - 08 / 2018... (6) Completed IFR Certification per FAR Parts 91.411 and 91.413... (7) Removed and replaced left and right wing walk.... (8) Repaired filler material and painted fuselage aft of left lower engine cowling.... (9) Repainted left and right wingtip leading edges and applied wingtip protective covering.... (10) Repainted left wing cuff leading edge.... (11) Removed and replaced left MLG wheel pant abrasion tape.... (13) Clean aircraft including belly with Spray Nine, wash aircraft with soap, dry, clean interior.</p>	
	Maintenance Release		
		The aircraft and/or component(s) on N348CD 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. 29268-02-2013.	
DATE: 2/19/2013		SIGNED: 	Work Order: 29268-02-2013
		Minzler, Alwin Certified Repair Station No. GA5R-876M	Printed by EBis 3 (datcomedia.com)
			
		1 of 1	

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
9/19/13 <i>[Signature]</i>		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>MAKE Citrus MODEL SR22 S/N 2389 REG. NO. N348CD WORK ORDER: 29487-09-2013</p> </div> <div style="width: 30%; text-align: center;">  <p>Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone 888-881-5580</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 9/19/2013 A/C TSN 1138.6 FLIGHTTIME 1138.6</p> </div> </div> <p>Avionics Entries</p> <p>(1) Remove Defective Avidyne DFC-90, Autopilot Computer/Controller, P/N 700-00170-000 S/N M131996602 for Warranty Exchange by Manufacturer. Received Exchanged Avidyne DFC-90, Autopilot Computer/Controller, P/N 700-00170-000 S/N M104220741. Installed in Aircraft and Performed Post-Installation Ground Tests using Avidyne DFC-90 Installation Manual, P/N 600-00251-000, Rev: 06, Dated 09/25/12 AND Doc. # AVDFC-126, Rev 00, Sec: 5.1, Dated 09/25/12 as a reference. Normal Ground Operation Observed.</p> <hr/> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on N348CD 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. 29487-09-2013.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <p>DATE: 9/19/2013</p> </div> <div style="width: 30%; text-align: center;"> <p>SIGNED: <i>[Signature]</i> Musgrave, Jack Certified Repair Station No. GA5R-876M</p> </div> <div style="width: 30%; text-align: right;"> <p>Work Order: 29487-09-2013 Printed by EBis 3 (datcomedia.com)</p> </div> </div>

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

DATE

AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER
29486-09-2013



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springborn Pike
Miamisburg, Ohio 45347 USA
Phone: 888-881-5580

DATE: 9/20/2013
A/C TSN: 1138.6
FLIGHTTIME: 1138.6

Hobbs - 1190.8

Airframe Entries

(1) Complied with Annual re license.... (2) Complied with 100 Hour Airframe Inspection.... (7) Complied with FAR Part 91.207D 1-4 on ELT... (10) Serviced, charged & load tested battery.... (13) Installed new number two batteries.... (14) Installed new O/B R/H main wheel bearing and race, and installed new L/H nose wheel bearing and race (15) Removed and replaced left wheel pant bracket.... (16) Replaced Close out hole tape on top of vertical stabilizer.... (20) Removed and replaced grommet around VOR antenna on right side of vertical stab.... (21) Complied with AmSafe certification.... (22) Replaced belvill washers and related hardware, and adjusted fork tension to 23 lbs.... (24) Complied with SB 2X-27-16 R2 - Modification to Prevent Possible Asymmetric Flap & Flap Actuator Over extension Conditions... (26) Installed new AmSafe Seatbelt Airbag System - Electronic Module Assembly (EMA) Controller serial number 34193855. Replacement due August 2020.... (29) Checked Airworthiness Directives and Mandatory Service Bulletins.

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 N348CD 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. 29486-09-2013.

DATE: 9/20/2013

SIGNED:

Alvin Mirzler

Work Order: 29486-09-2013

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

Printed by EBis 3 (datcomedia.com)

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1188.6 hr
N#	N348CD	TT	1188.6 hr
SN#	2389	Date	27 MAR 2014

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Researched and C/W all AD's. See compliance records.
- (3) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (4) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

James M Finlaw

A&P 2705029

James M. Finlaw

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1230.70 hr
N#	N348CD	TT	1230.70 hr
SN#	2389	Date	24 APR 2014

Description

- (1) Performed 100 hr airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) Replaced remote battery, replacement due MAR 2021.
- (4) Secured lose Oxygen bottle mount.
- (5) Replaced aileron rudder interconnect bungee P/N 12983-001.
- (6) Removed and replaced right wing inboard fuel sending unit P/N 7740-00517, S/N 1336.
- (7) Removed and replace alternator brushes P/N ALU3045BS.
- (8) Removed and replaced right muffler.
- (9) Complied with SB2X-27-16R2. Installed Kit 70255-002.
- (10) Replaced outboard half of right main wheel rim P/N 162-02724.
- (11) Installed right main wheel fairing bracket.
- (12) Installed new brake pads in left and right brakes P/N 066-06200.
- (13) Replaced left brake shim P/N 068-01100.
- (14) Installed new tires and tubes on both main gear. P/N 301-249-021 and P/N 302-246-401.
- (15) Researched AD's for compliance. See compliance records.
- (16) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (17) I certify that this aircraft has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

James M Finlaw

A&P 2705029

James M. Finlaw

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

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

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1238.1 hr
N#	N348CD	TT	1238.1 hr
SN#	2389	Date	27 APR 2014

Description

- (1) Complied with Cirrus SB 2X-27-17, Electronic Flap Rely Installation.
- (2) Aircraft approved for return to service.

JOSEPH CALLEWAERT

A&P 2761630

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1253.70 HRS.
N#	N348CD	TT	1253.70 HRS.
SN#	2389	Date	11 JUN 2014
JUN			

Description

- (1) Replaced nose landing gear assembly P/N 14082-006 S/N 22-5724. *(Complied with SB 2X-32-19 R3)*
- (2) Replaced oil dip stick gasket P/N 642892.
- (3) Replaced NLG shock pucks P/N 13386-001.
- (4) Replaced Belleville washers. P/N 50750-101.
- (5) Operational tests satisfactory. Aircraft approved for return to service.

Ryan Bruss

A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

TE	Make	CIRRUS SR22	Tach	1282.1 hr
	N#	N348CD	TT	1282.1 hr
	SN#	2389	Date	25 JUL 2014

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Researched and C/W all AD's. See compliance records.
- (3) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (4) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

JOSEPH CALLEWAERT

A&P 2761630

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1322.2 hr
N#	N348CD	TT	1322.2 hr
SN#	2389	Date	15 AUG 2014

Description

- (1) Performed 100 hr airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) Aligned main wheels. Added 1 10492-003 shim to LH gear and 2 10492-003 to RH gear.
- (4) Replaced RH brake pads, P/N066-06200 and Air Scoop Filter P/N BA-24.
- (5) Replaced cracked oil cooler, P/N 10281A, S/N A10-8564-28.
- (6) Researched AD's for compliance. See compliance records.
- (7) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (8) I certify that this aircraft has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

James M Finlaw

A&P 2705029

James M. Finlaw

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1356.7 hr
N#	N348CD	TT	1356.7 hr
SN#	2389	Date	12 SEP 2014

DATE

Description

- (1) Performed 100 hr/ANNAUL airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) Remote battery replacement due: MAR 2021
- (4) Performed check of TKS system. Replaced Belleville washers on nose gear. Replaced both side "GRAB HERE" placards.
- (5) Inspected Induction Duct Flapper Bolt (ref. SB 2X-05-02).
- (6) Re-secured upper engine heater pad. Performed 500 hr inspection of alternator brushes.
- (7) Researched AD's for compliance. See compliance records.
- (8) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (9) I certify that this aircraft has been inspected IAW a 100 hr/ANNUAL inspection and was determined to be in an airworthy condition.

JOSEPH CALLEWAERT
A&P 2761630 IA



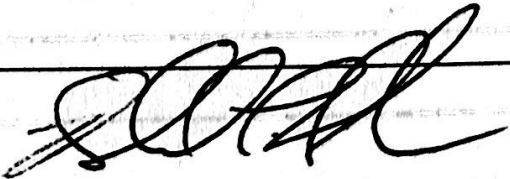
MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1356.7 hr
N#	N348CD	TT	1356.7 hr
SN#	2389	Date	10 SEP 2014

Description

- (1) Applied decals to right side of vertical stabilizer and "CIRRUS" to right side of cowling.

Richard L Kaercher
A&P 1552812



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385

N348CD

DATE

Make	CIRRUS SR22	Tach	1406.3 hr
N#	N348CD	TT	1406.3 hr
SN#	2389	Date	15 JAN 2015

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Installed Concord RG24-15M battery, S/N 40695558.
- (3) Researched and C/W all AD's. See compliance records.
- (4) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (5) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385

N348CD

Make	CIRRUS SR22	Tach	1443.0 hr.
N#	N348CD	TT	1443.0 hr.
SN#	2389	Date	15 APR 2015

Description

- (1) Performed 100 hr./ANNAUL airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) ELT Remote battery replacement due: MAR 2021
- (4) Performed check of TKS system.
- (5) Inspected Induction Duct Flapper Bolt (ref. SB 2X-05-02). No defects noted.
- (6) Replaced nose gear Belleville washer and nut, P/N 50750-101 and P/N 04-01372.
- (7) Removed and replaced right main wheel fairing bracket, P/N 13522-001.
- (8) Replaced air scoop filter, P/N BA-24.
- (9) Inspected and adjusted fuel system pressures per continental SID97-3F.
- (10) Replaced muffler assembly on left exhaust, P/N 14836-001. Replaced exhaust bolt and spring P/N 50456-001.
- (11) C/W SB2X-32-19R3, Nose Gear Inspection. No defects noted.
- (12) Researched AD's for compliance. See compliance records.
- (13) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (14) I certify that this aircraft has been inspected IAW a 100 hr/ANNUAL inspection and was determined to be in an airworthy condition.

JOSEPH CALLEWAERT

A&P 2761630 IA

N348CD
Tach: 1462.2
8/10/15

2/10/15 1000:1462.2

READ

I Certify That The Altimeter And Static
Tests Required by FAR Part 91.418
Have Been Performed.

Static System Test Date 3/10/15

Altimeter(s) Tested To 20K

LH SN D11916 FH SN 4597006 Date 3/10/15

Signature [Signature]
TRM AVIONICS LOGISTICS #T56R494Y

PACKAGE: OK

block above in accordance
with details of this component

I certify that the ATC transponder test and inspection
required by FAR Part 91.418 were performed this date
and found to comply with FAR 43, Appendix F.5a

#1 Make Cessna Model 441Q327 S/N 5372
#2 Make N/A Model N/A

Date and details of this inspection are on file at
this station under WO # 5011 Date 3/10/15

Signature [Signature]
TRM AVIONICS LOGISTICS #T56R494Y

I certify that the automatic pressure altitude reporting
system has been tested as required by FAR 91.411 IAW FAR 43,
Appendix E, para (C).

Date 3/10/15

LH 1A-30 FH N/A

Signature [Signature]
TRM AVIONICS LOGISTICS #T56R494Y

DISCREPANCY LIST
OR DISAPPROVING AIRCRAFT FOR SERVICE

9 JRD

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1483.2 hr
N#	N348CD	TT	1483.2 hr
SN#	2389	Date	21 JUL 2015

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Researched and C/W all AD's. See compliance records.
- (3) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (4) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Joseph Callewaert
A&P 2761630

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1519.20 hr.
N#	N348CD	TT	1519.20 hr.
SN#	2389	Date	17 AUG 2015

Description

- (1) Performed 100 hr airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) Replaced remote battery, replacement due MAR 2021.
- (4) Replaced #2 battery, New battery expires AUG 2017
- (5) Replaced air scoop filter, P/N BA-24.
- (6) C/W SB 2X-05-02 Performed alternate air door and bolt inspection. Both door and bolt good at this time.
- (7) C/W SBX-32-19R3, Nose Gear Inspection, No defects noted.
- (8) C/W SB2X-28-12 "Fuel Pump Inspection", no defects noted.
- (9) Installed left main wheel fairing bracket. P/N 17205-001
- (10) Installed new tires and tubes on both main gear. P/N 301-249-021 and P/N 302-246-401.
- (11) Researched AD's for compliance. See compliance records.
- (12) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (13) I certify that this aircraft has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss
A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1572.2 HR
N#	N348CD	TT	1572.2 HR
SN#	2389	Date	6 OCT 2015

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Researched and C/W all AD's. See compliance records.
- (3) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (4) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

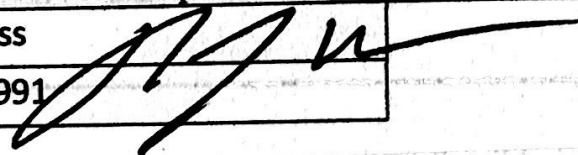
Make	CIRRUS SR22	Tach	1608.8 HR
N#	N348CD	TT	1608.8 HR
SN#	2389	Date	15 MAR 2016

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.
- (3) Replaced nose wheel tire and tube, P/N 301-016-006 and P/N 302-013-400.
- (4) Replaced oil cooler, P/N 10281A, S/N H06-4772-557.
- (5) Researched and C/W all AD's. See compliance records.
- (6) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (7) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991



DATE	Make	CIRRUS SR22	Flight Time	1618.0 hr.
	N#	N348CD	TT	1618.0 hr.
	SN#	2389	Date	4 APR 2016

Description

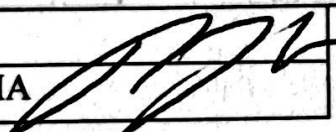
- (1) Performed 100 hr./ANNAUL airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due SEP 2018.
- (3) ELT Remote battery replacement due: MAR 2021
- (4) Inspected Induction Duct Flapper Bolt (ref. SB 2X-05-02). No defects noted.
- (5) Replaced nose gear Belleville washer and nut, P/N 50750-101 and P/N 04-01372.
- (6) Removed and replaced right main wheel fairing bracket, P/N 13522-001.
- (7) Replaced air scoop filter, P/N BA-24.
- (8) Inspected and adjusted fuel system pressures per continental SID97-3F.
- (9) C/W SB 2X-05-02, Alternate Air Door Inspection. No defects noted.
- (10) C/W SB2X-32-19R3, Nose Gear Inspection. No defects noted.
- (11) C/W SB2X-28-12R1, Electric Fuel Pump Inspection. No defects noted.
- (12) C/W SB2X-52-08R1, Door Strut Replacement, Installed Door Strut and Catcher Kit P/N 70543-001.
- (13) Replaced lower bolt on left exhaust ball joint P/N AN3C14.
- (14) Researched AD's for compliance. See compliance records.
- (15) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (16) I certify that this aircraft has been inspected IAW a 100 hr/ANNUAL inspection and was determined to be in an airworthy condition.

Ryan Bruss
 A&P 2745991 IA 

Make	CIRRUS SR22	Flight Time	1621.3hr.
N#	N348CD	TT	1621.3hr.
SN#	2389	Date	5 APR 2016

Description

- (1) Aircraft was flown three times and another compression check was accomplished on the engine No. 6 cylinder, compression increased from 52/80 to 59/80.
- (2) Another compression check will be accomplish in approximately 20 hours, (1641 Flight Time).

Ryan Bruss
 A&P 2745991 IA 

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

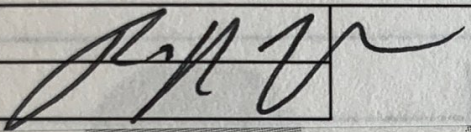
Make	CIRRUS SR22	Flight Time	1646.7 hr.
N#	N348CD	TT	1646.7 hr.
SN#	2389	Date	19 APR 2016

Description

- (1) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.
- (2) Took SOAP sample.
- (3) Results of compression check, #1 70/80, #2 64/80 #3 71/80, #4 70/80, #5 60/80, #6 62/80.
- (4) Operational tests satisfactory. Aircraft approved for return to flight.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

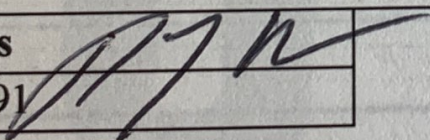
Make	CIRRUS SR22	FLT TIME	1657.3 hr
N#	N348CD	TT	1657.3 hr
SN#	2389	Date	22 APR 2016

Description

- (1) Replaced #1 alternator with serviceable alternator P/N 646843, S/N 003EA101
- (2) Operational test satisfactory. Aircraft approved for return to service.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

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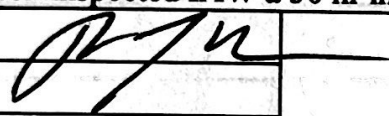
Make	CIRRUS SR22	Tach	1668.6 HR
N#	N348CD	TT	1668.6 HR
SN#	2389	Date	13 JUN 2016

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.
- (3) Took SOAP sample.
- (4) Performed compression check.
- (5) Replaced diodes in plug 599 of PFD, P/N 51607-001.
- (6) Researched and C/W all AD's. See compliance records.
- (7) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (8) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

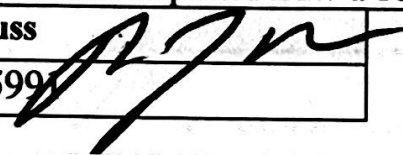
Make	CIRRUS SR22	Tach	1698.0 1754.4 hr.
N#	N348CD	TT	1754.4 hr.
SN#	2389	Date	1698.0 31 JUL 2016

Description

- (1) Performed 100 hr airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due OCT 2018.
- (3) Replaced air scoop filter, P/N BA-24.
- (4) Took SOAP sample.
- (5) C/W SB 2X-05-02 Performed alternate air door and bolt inspection. Both door and bolt good at this time.
- (6) C/W SBX-32-19R3, Nose Gear Inspection, No defects noted.
- (7) C/W SB2X-28-12 "Fuel Pump Inspection", no defects noted.
- (8) Installed anti-slip tape on steps, 12683-006.
- (9) Replaced right wheel pant inner bracket, 17205-002.
- (10) Replaced left and right main wheel brake pads, P/N 066-06200.
- (11) Researched AD's for compliance. See compliance records.
- (12) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (13) I certify that this aircraft has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	FLT TIME	1707.9 hr
N#	N348CD	TT	1707.9 hr
SN#	2389	Date	8 AUG 2016

Description

- (1) Replaced #1 alternator with rebuilt alternator P/N 646843, S/N 005LA012.
- (2) Operational test satisfactory. Aircraft approved for return to service.

Ryan Bruss

A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

Make	CIRRUS SR22	Tach	1746.3 HR
N#	N348CD	TT	1746.3 HR
SN#	2389	Date	15 SEP 2016

Description

- (1) Performed 50 hr/ airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.
- (3) Performed compression check.
- (4) Researched and C/W all AD's. See compliance records.
- (5) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (6) I certify that this aircraft has been inspected IAW a 50 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

TE

Make	CIRRUS SR22	Tach	1759.4 hr.
N#	N348CD	TT	1759.4 hr.
SN#	2389	Date	5 OCT 2016

Description

- (1) Performed 100 hr airframe inspection IAW Cirrus SR22 series service manual & inspection checklist.
- (2) Inspected ELT Battery IAW FAR 91.207 d, Next battery replacement due OCT 2018.
- (3) Replaced air scoop filter, P/N BA-24.
- (4) C/W SB 2X-05-02 Performed alternate air door and bolt inspection. Both door and bolt good at this time.
- (5) C/W SBX-32-19R3, Nose Gear Inspection, No defects noted.
- (6) C/W SB2X-28-12 "Fuel Pump Inspection", no defects noted.
- (7) Replaced air filter attach pin, P/N 14626-002.
- (8) Adjusted right exhaust ball joint hardware.
- (9) Researched AD's for compliance. See compliance records.
- (10) Operational & leak tests satisfactory. Aircraft approved for return to service.
- (11) I certify that this aircraft has been inspected IAW a 100 hr inspection and was determined to be in an airworthy condition.

Ryan Bruss

A&P 2745991



MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385

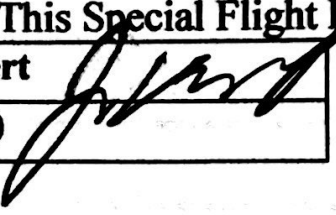
Make	Cirrus SR22	Flight Time	1,797.8 HRS.
N#	N348CD	TT	1,797.8 HRS.
SN#	2839	Date	21 FEB 2017

Description

- (1) N348CD is authorized by Special Flight Permit dated 21 FEB 2017, signed by Robert W. Craig, Aviation Safety Inspector (A/W); to be flown from Greene County Airport, OH (I19) to Dayton Wright Brothers, OH (KMGY) IAW operating limitations listed in the SPECIAL FLIGHT PERMIT which must be displayed in the aircraft during the flight. This Special Flight Permit expires upon arrival at destination or on 28 FEB 2017.

Joseph Callewaert

A&P 2761630



MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
30348-02-2017

Commander Aero, Inc.

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

DATE: 4/7/2017
A/C TSN: 1798 9
FLIGHTTIME: 1798 9

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
- CERT. NO. OF PERSON APPROVING OR DISSAPPROVING

DA
IN SERVICE
SERV

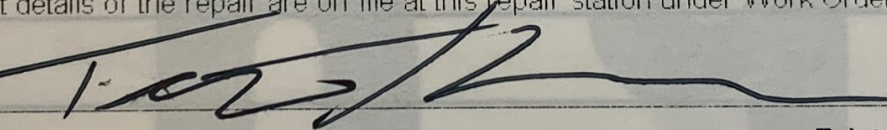
Airframe Entries

(1) Annual relicense.... (2) Complied with 100 Hour Airframe Inspection.... (3) Complied with SB2X-95-18R3, CAPS Rocket Motor Assembly Replacement, Removed rocket motor P/N 014000-03/J igniter P/N 8403 D S/N 3191, Parachute BRS P/N 10013/B CDC P/N 20331-001/C S/N2389, Installed Kit retrofit Electronic Ignition Avidyne G2/G3 P/N 70268-002 S/N 2389, Kit retrofit rocket P/N 70271-002 S/N 2389 Kit retrofit rocket crossbeam P/N 70271-002 S/N 2389, Parachute P/N25574-004-REB S/N 02761R1, Due again 2/21/2027.... (5) Complied with FAR Part 91.207 on ELT.... (9) Checked Airworthiness Directives and Mandatory Service Bulletins.... (10) Installed spiral wrap on right lower brake line.... (11) Rebonded Right and left Fuselage to wing closeout panels.... (12) Rebonded left and right lower heat shields.... (13) Replaced grommets around antenna on top of vertical stab.... (14) Complied with Cirrus mandatory SB 2X-28-12R1 Fuel Pump Inspection.... (15) Complied with Cirrus Mandatory SB 2X-32-19 R3 Nose Landing Gear Assembly Inspection and Reinforcement... (16) Complied with Magnetometer Calibration.... (17) Installed new RH brake shim P/N 068-01100.... (18) Installed NLG lower rubber rebound bumper P/N 13703-001.

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 N348CD 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. 30348-02-2017.

DATE: 4/7/2017

SIGNED:



Work Order: 30348-02-2017

Kerns, Tim
Certified Repair Station No. GA5R-876M

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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."

PFD Make: **Avidyne** Model: **EXP-5000** S/N: **D1196**Stby Make: **United** Model: **5934D-3** S/N: **459706**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-327** S/N: **83721973**

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

W.O.#: **30355-03-2017** Date: **3-15-2017**Signed: *Raymond Christ*

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.

Date: 3-15-2017

Inspector Ryan Carter

S/N: D1196

S/N: 459706

-1,000	-10
0	-10
500	-10
1,000	-10
1,500	-10
2,000	-10
3,000	-10
4,000	-10
6,000	-10
8,000	-10
10,000	-10

12,000	-20
14,000	-20
16,000	-30
18,000	-30
20,000	-30
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

-1,000	15
0	0
500	0
1,000	15
1,500	10
2,000	10
3,000	20
4,000	10
6,000	10
8,000	-15
10,000	-30

12,000	-40
14,000	-50
16,000	-60
18,000	-70
20,000	-40
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

A/C 'N' No. N348CD

W.O. No. 30355-03-2017

INSPECTION RECORD

MacAir Aviation, 140 North Valley Rd, Xenia, OH 45385 N348CD

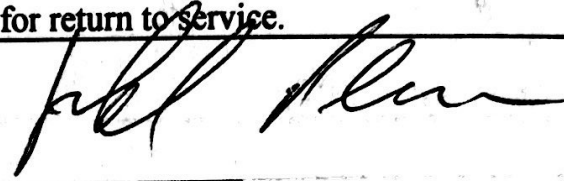
ATE	Make	CIRRUS SR22	Tach	1827.7 HR
	N#	N348CD	TT	1827.7 HR
	SN#	2389	Date	23 APR 2017

Description

- (1) Performed 25 hr engine oil change.
- (2) Removed oil & filter. Cut open filter, no abnormalities noted. Serviced w/8 qtr. Phillips 20W-50 XC oil and AA48109 filter.
- (3) Operational & leak tests satisfactory. Aircraft approved for return to service.

Jeffery Pleiman

A&P 3304319



MAKE: Cirrus
MODEL: SR22
S/N: 2389
REG. NO: N348CD
WORK ORDER:
0136-06-2017

MacAir Aviation

140 North Valley Road
Xenia, OH 45385
Phone: 937-654-6652

DATE: 5/26/2017
A/C TSN: 1847.8
FLIGHTTIME: 1847.8

Airframe Entries

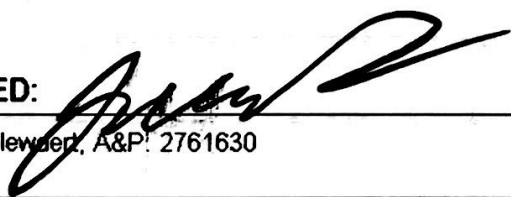
- Performed 50 hour airframe inspection in accordance with Cirrus SR22 series service manual 05-20 & inspection checklist.
- Installed roll trim cartridge cover properly.
- Inflated left main tire to proper pressure.
- Researched all airframe airworthiness directives for compliance. See compliance records.
- Operational and leak tests satisfactory.
- I certify that this aircraft has been inspected in accordance with a 50 hour airframe inspection and was determined to be in an airworthy condition.

Technicians Who Worked On The Items Listed Above:
Joe Callewaert, Ryan Zimmer

DATE: 5/26/2017

SIGNED:

Joe Callewaert, A&P: 2761630



Work Order: 0136-06-2017

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MacAir Aviation 140 N. Valley Rd., Xenia, OH 45385

Phone: 937-654-6652

Make: Cirrus Model: SR22 S/N 2389 Reg. No. 348CD

Airframe Entries

Logbook #1 is closed at Aircraft Total Time 1885.1,
Flight Time 1885.1 and Hobbs Time 1941.5 on 25 July
2017.