

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. DEC 07

SERIAL NUMBER 2893 REGISTRATION NUMBER N448LM

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 691547 L
ENGINE			R
PROPELLER			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-134F-1N	FP6319B
ENGINE			
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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" List Updated 04-09-2014							
Life Limited Parts SR22							
	PART TIME	PART NUMBER	S/N or Date	EXPIRES			
	CAPS Rocket Motor	21814-001	S/N 3945	10/31/17			
	CAPS Parachute	20331-001	S/N 03196	11/30/17			
	CAPS Reefing Line Cutters	5212	S/N 5841	3/31/20			
		25347-002	S/N 5829 DOM 3/2014				
	ELT Battery Pack	452-6504	DOI 3/26/13	3/31/20			
	EMA Controller AAIR	508358-421	S/N RA26MAR14-6	3/31/21			
		20902-001					
	Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI207U 30155	8/31/17			
	Co- Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI207U 30127	8/31/17			



AIR CARE INC.

P.O. Box 7888, Rocky Mount, NC 27804 Phone 252-977-1717

ALTIMETER / REPORTING SYSTEM TEST INFORMATION

Tested in compliance with Appendix E, Part 43, FAA Regulations. Paragraph (A), (B), and (C) as Applicable.

Altitude Tested to Maximum of 20,000 Feet.

ALTITUDE	SCALE	SCALE ERROR TOLERANCE	FRICTION ERROR	FRICTION TOLERANCE	ENCODING PULSE	Case Leak at 18000 ft. <u>0</u> Tolerance - 100 ft.																																				
-1000	0	20			/	After Effect Test Reading Prior to Test <u>120</u> ft. @ <u>29.92</u> Hg.																																				
0	0	20			/																																					
500	0	20			/	Reading After Test <u>130</u> ft. @ <u>29.92</u> Hg.																																				
1000	0	20	0	70	/																																					
1100	-				/	After Effect <u>10</u> Tolerance 30 ft. Diff.																																				
1300	-				/																																					
1500	0	25			/	Hysteresis Test																																				
1800	-				/		<table border="1"> <thead> <tr> <th>Altitude 40 & 50% Max.</th> <th>Up Reading</th> <th>Down Reading</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td><u>8000</u></td> <td><u>7940</u></td> <td><u>7940</u></td> <td>75 ft. Diff.</td> </tr> <tr> <td><u>10,000</u></td> <td><u>9980</u></td> <td><u>9990</u></td> <td>75 ft. Diff.</td> </tr> </tbody> </table>	Altitude 40 & 50% Max.	Up Reading	Down Reading	Tolerance	<u>8000</u>	<u>7940</u>	<u>7940</u>	75 ft. Diff.	<u>10,000</u>	<u>9980</u>	<u>9990</u>	75 ft. Diff.																							
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2800	-				/		Blind Encoder Mode <u>A30 S/N 109164</u>																																			
3000	-10	30	0	70	/	Date Tested <u>2/14/2011</u>																																				
4000	-10	35			/	Altimeter Test Inspector <u>[Signature]</u>																																				
5000	-		0	70	/	Encoding Test Inspector <u>[Signature]</u>																																				
6000	-10	40			/	Work Order No. <u>B0128</u>																																				
6800	-				/																																					
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ENCODING ALTIMETER TEST POINTS
BLIND ENCODER MUST BE TESTED AT ALL POINTS

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ENCODING ALTIMETER TEST POINTS
BLIND ENCODER MUST BE TESTED AT ALL POINTS

APPROVED BY: _____ DATE _____
CY CERT. NO. _____

CHECKED BY:
RE — CERT. NO.

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413 have
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Date 4/13/2017

W/O# 15963

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 448LM

S/N: 2893

Tach 656.4 TESTED DUAL ALTIMETER, ALTITUDE REPORTING SYSTEM, PITOT/STATIC SYSTEM, AND TRANSPONDER SYSTEM PER FAR 43, APPENDICES E AND F. THOSE SYSTEMS MET REQUIREMENTS OF FAR 91.411 AND 91.413 FOR NON-PRESSURIZED AIRCRAFT TO 25,000 FEET.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: *Shawn Matthies*

Shawn Matthies AWKR298C



Date 5/11/2018

W/O# 16841

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 448LM

S/N: 2893


Tach 735 REMOVED GARMIN GMA 340 AUDIO PANEL P/N 011-00401-10, S/N 96283032 AND INSTALLED REPLACEMENT GMA 340 AUDIO PANEL P/N 011-00401-10, S/N 96285454 AFTER BEING OVERHAULED BY GARMIN INTERNATIONAL, CRS# G6XR582Y UNDER SO# 14408815 DATED 5/4/2018. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: *Shawn Matthies*

Shawn Matthies AWKR298C

MAINTENANCE RECORD F.A.R. 43.9

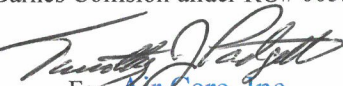
CHECKED BY: RE — CERT. NO.	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
			<p>Cirrus Design Factory Service Center</p> <p>Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101</p>	<p>DATE: 12/30/2007 A/C TSN: 5.8 HOBBS: 5.8</p>
			<p>Airframe Entries</p> <p>(5) Purged TKS panels and ops checked TKS system. Work done IAW CDC SR22 MM 12-10 and 30-10. All panels flow satisfactory at this time ... (6) Repaired paint on lower portion of rudder I.A.W. Cirrus A.M.M. 51-20 ... (7) Repaired paint on trailing edge of right wing I.A.W. Cirrus A.M.M. 51-20 ... (8) Repaired paint on right side elevator I.A.W. Cirrus A.M.M. 51-20 ... (9) Repaired paint under front cowl I.A.W. Cirrus A.M.M. 51-20 ... (10) Repaired paint on passenger door right side I.A.W. Cirrus A.M.M. 51-20 ... (11) Repaired paint on marine bond on left wing I.A.W. Cirrus A.M.M. 51-20.</p> <p>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.</p>	
	DATE: 12/30/2007		<p>SIGNED:  Curt Kracke Certified Repair Station No. YD5R855Y</p>	<p>Work Order: 10490-12-2007 Printed by EBis 3 (datcomedia.com)</p>

Reg #: N448LM
Model: Cirrus SR22
Serial #: 2893
Work Order #: 20788



Hobbs: 70.8
Tach:
Total Time:
Date: 3/18/08

Replaced protective tape on RH MLG strut. Installed new tape p/n AK-009-G3/RS. Repaired cracks in gel coat on interior of pilot's door. Door painted by Barnes Collision under RO# 005587. For further details see WO# 20788 on file this station.


For: **Air Care, Inc.**
FAA Repair Station
AC0R030C

MAINTENANCE RECORD
F.A.R. 43.9

DA
COMI

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 20993



Hobbs: 97.0
Tach:
Total Time:
Date: 7/21/08

VICE

C/W SB2X-28-08 by removing gascolator P/N 1743570-08, S/N 029 & installing P/N 1743570-14, S/N 052. Ops check normal & no leaks noted. For further details see WO# 20993 on file this station.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 21122







Hobbs: 139.6
Tach: FHM: 111.1
Total Time:
Date: 10/27/08

Replaced LH MLG upper fairing P/N 18139-001. Readhesed & sealed LH belly exhaust shield. Readhesed & sealed LH wing root cuff panel. Serviced TKS reservoir. Applied LH & RH wing root paint protection kits P/N AK-009-GR/WR. Replaced pilot's drink holder P/N 51179-001. For further details see WO# 21122 on file this station.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

MAINTENANCE RECORD F.A.R. 43.9

/ICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2. Ops			 Aviation Services	Hobbs: 156.5 FHM: 127.7 Total Time: Date: 2/25/09
		Reg #: N448LM Model: Cirrus SR22 Serial: 2893 Work Order #: 21240	C/W SB2X-28-08R1 by installing kit P/N 70226-001. Replaced LH IB MLG fairing w/ new fairing P/N 18138-001. Ground run acft. Ops check normal & no leaks noted. For further details see WO# 21240 on file this station.	
			 For: Air Care, Inc. FAA Repair Station AC0R030C	
ed & its P/N file this			 Aviation Services	Hobbs: 157.5 Tach: 128.8 Total Time: Date: 3/9/09
		Reg #: N448LM Model: Cirrus SR22 Serial: 2893 Work Order #: 21260	Installed new Gill battery P/N G243, S/N G02409813. Ops check normal. For further details see WO# 21260 on file this station.	
			 For: Air Care, Inc. FAA Repair Station AC0R030C	

MAINTENANCE RECORD F.A.R. 43.9

DATE NO. ENTERED TO SERVICE	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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Reg #: N448LM
 Model: Cirrus SR22
 Serial: 2893
 Work Order #: 21433



Hobbs: 190.4
 Flight: 161.4
 Total Time:
 Date: 9/16/2009

Replaced RH MLG upper saddle bushing w/ new P/N 16937-002. Replaced RH wheel fairing attach bracket w/ new P/N 18460-001. Replaced LH MLG tire w/ new Goodyear Flight Special II 15x6.0-6 6-ply S/N 82990333. Replaced RH MLG tire w/ new Goodyear Flight Special II 15x6.0-6 6-ply S/N 82051868. Replaced NLG tire w/ new Goodyear Flight Custom III 5.00-5 6-ply S/N 9C630377. Balanced all tire/wheel assy's. Replaced LH MLG upper saddle bushing w/ new P/N 16937-002. Replaced NLG shock pucks w/ new P/N 13386-001 & bumper w/ new P/N 18380-001. Replaced RH MLG fairing grommets w/ new P/N 18362-001 & P/N 18361-001. Replaced RH MLG fairings w/ new P/N 18137-002 & P/N 18138-002. Painted fairings. Applied chafe tape & graphics. Ops check normal. For further details see WO# 21433 on file this station.

Willie M. Dubois

For: **Air Care, Inc.**
 FAA Repair Station
 AC0R030C

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	DATE COMPLETED
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Reg #: N448LM
 Model: Cirrus SR22
 Serial: 2893
 Work Order #: 22004



Hobbs: 276.4
 FHM: 247.4
 Total Time:
 Date: 3/18/2011

Replaced acft battery. Serviced, charged, and installed new battery P/N G-243, S/N G02512452. Ops check normal. For further details see WO# 22004 on file this station.

Timothy J. Halseth
 For: **Air Care, Inc.**
 FAA Repair Station
 AC0R030C

Reg #: N448LM
 Model: Cirrus SR22
 Serial: 2893
 Work Order #: 22198




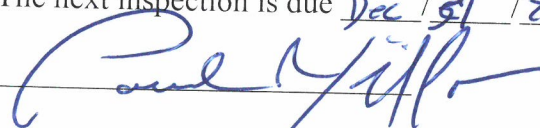
Hobbs: 336.1
 Flight: 307.1
 Total Time:
 Date: 11/8/2011

Replaced RHOB fuel qty transmitter w/ new P/N 18484-003. Replaced RHIB fuel qty transmitter w/ new P/N 18483-003. Replaced both gaskets w/ new P/N 18484-102. Calibrated fuel system I/A/W maintenance manual. Ops check normal. No leaks noted. For further details see WO# 22198 on file this station.

Timothy J. Halseth
 For: **Air Care, Inc.**
 FAA Repair Station
 AC0R030C

INSPECTION RECORD

F.A.R. 43.11-91.409

CERTIFICATE NO. RETURNED TO SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	20 Dec 07	5.2 hr	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502</p> <p>Name: Brett Schelde Date <u>20 Dec 07</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
	Dec 27-2007	5.2	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Dec 27 / 2007</u></p> <p>The next inspection is due <u>Dec 31 / 2008</u>.</p> <p style="text-align: center;"><u></u></p> <p>PAUL R. SITKO 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 DISAPPROVING AIRCRAFT FOR SERVICE

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 22227



Hobbs: 336.1
FHM: ~~Tach~~: 307.1
Total Time: 307.1
Date: 12/1/2011

Replaced air filter element with a new filter P/N BA24. For further details see WO# 22227 on file this station.


For: Air Care, Inc.
FAA Repair Station
AC0R030C

INSPECTION RECORD

F.A.R. 43.11-91.409

SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Reg #: N448LM
 Model: Cirrus SR22
 Serial: 2893
 Work Order #: 22291



Hobbs: 350.3
 Flight: 321.3
 Total Time: 321.3
 Date: 2/23/2012

is station.

Performed annual inspection using Cirrus SR22 Maintenance Manual annual checklist as a guide. Performed annual inspection of ELT I/A/W FAR 91.207(d). Performed annual inspection of fire extinguisher. C/W SB2X-32-19R2 by visual inspection. Replaced RH MLG tire w/ new Goodyear Flight Special II 15x6.00-6 P/N 156-E61-3, S/N 957410132126. Replaced RH MLG tube w/ new P/N 097-500-0. Removed & replaced RH OB fuel quantity probe w/ reworked probe P/N 18484-003. Unit reworked by Rochester Gauges Inc under WO# WO-0001454. Calibrated RH fuel qty system. Removed & replaced LH IB fuel tank drain valve w/ new P/N 25038-001. Ground ran acft. No leaks or defects noted. For further details see WO# 22291 on file this station. I certify that this acft has been inspected I/A/W an annual inspection & is approved for return to service.

Timothy J. Padgett
 For: **Air Care, Inc.**
 FAA Repair Station
 AC0R030C

INSPECTION RECORD
F.A.R. 43.11 -91.409


DA1

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 22590



Hobbs: 397.1
FHM: 368.1
Total Time: 368.1
Date: 3/26/2013

Performed annual inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. C/W annual inspection of ELT I/A/W FAR 91.207(d). No corrosion or defects noted. Replaced battery w/ new P/N 455-0012. Expiration date: 3/2020. ELT ops check normal. C/W annual inspection of fire extinguisher. No defects noted. C/W SB2X-32-19R3 by inspection. No defects noted. C/W SB2X-57-13R2 by torque check. No defects noted. C/W SB2X-28-11R1 by replacing fuel line w/ new P/N 17313-002 I/A/W SB instructions. Replaced LH & RH MLG leg saddle grommets w/ new P/N 16937-002. Replaced LH main tire w/ new tire P/N 156E61-3 (Goodyear Flight Special II 15x6.00-6 6PR) S/N 23062061. Replaced induction air filter assembly end cap w/ new P/N 111-7. Replaced camlocs grommet P/N S2319-4 in lower cowl. Replaced 2 ea nut plates in TKS reservoir access panel w/ new P/N NAS1473A08. Replaced LH nav light lamp w/ new P/N 34-0428020-65. Ground run acft. Systems ops check normal & no leaks noted at this time. For further details see WO# 22590 on file this station. I certify that this acft has been inspected I/A/W an annual inspection & is approved for return to service.


For: Air Care, Inc.
FAA Repair Station
AC0R030C

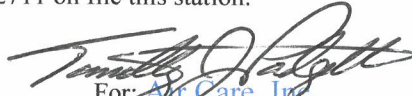
Reg #: N448LM
Model: Cirrus SR22
Serial: 2843
Work Order #: 22711



Hobbs: 427.0
FHM: 398.0
Total Time:
Date: 9/24/2013

DAT

Replaced return fuel line in LH TKS reservoir w/ new P/N 17313-002. Pressure checked. No leaks noted. Sealed exterior of line w/ PRC sealant. Resealed reservoir access panel. Serviced system w/ TKS fluid. Ops check normal. For further details see WO# 22711 on file this station.


For: Air Care, Inc.
FAA Repair Station
AC0R030C

guide. C/W
ew P/N
No defects
defects
aced LH &
l-3
cap w/
CS
0-65.
22590 on
return to

49

Country:
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

76312-1-HG

Organization Name and Address:

AMSAFE, INC
1043 NORTH 47TH AVE
PHOENIX, AZ. 85043

CERT NO. PQ1967NM

5. Work Order/Contract/Inv

Number:

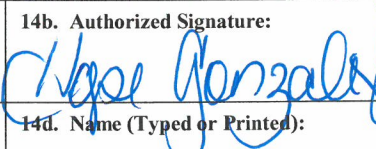
76312-1

0 PAGES ATTACHED

Item No.	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ELECTRONIC MODULE ASSY	508358-421	1	RA26MAR14-6	SEE BLOCK 12

Remarks: DRAWING: 508358
REV: U
EXPIRATION DATE: 0321
ODM: 09APR07-114

BUILT TO ORIGINAL PAH'S SPECIFICATIONS IN ACCORDANCE WITH 14 CFR 43.3(j)"

<input checked="" type="checkbox"/> Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 12 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.	
Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: PQ1967NM
Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): HOPE GONZALEZ	14e. Date (dd/mm/yyyy): 26/MAR/2014

User/Installer Responsibilities

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

When 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 national regulations by the user/installer before the aircraft may be flown.

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 22896



Hobbs: 450.7
FHM: 421.7
Total Time:
Date: 7/22/2014

Replaced battery #1. Serviced, charged, and installed new battery P/N G-243, S/N G02764045. Replaced MCU with repaired unit P/N 19900-002S RevB S/N 00737. Ground run acct. Ops check normal. For further details see WO# 22896 on file this station.

Timothy J Padgett
A & P 244256264

Reg #: N448LM
Model: Cirrus SR22
Serial: 2893
Work Order #: 22957

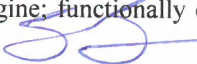
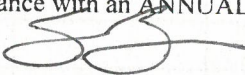



Hobbs: 458.6
FHM: 429.6
Total Time:
Date: 10/20/2014

Re-secure RH exhaust heat shield on belly. Stop drilled crack in RH MLG wheel fairing. For further details see WO# 22957 on file this station.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

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		
12-23-2014	N448LM	Flight Time: 443.0	Propeller Total Time: 443.0	Propeller TSOH: 0.0
<p>Removed propeller and propeller governor for overhaul. Reinstalled propeller, Model No. PHC-J3YF-1N, S/N FP6319B after overhaul by Jordan Propeller on W/O #16991. Reinstalled propeller governor, Model No. C290D3R/T23, S/N 071383 after overhaul by R&D Propeller on W/O #15393. All work done IAW Cirrus SR22 Maintenance Manual, Ch. 61. Ran engine; functionally checked operation of propeller and governor IAW Cirrus SR22 Maintenance Manual, Ch. 61-20.  A&P 3646778</p>				
05-02-2015	N448LM	Hobbs Time: 489.2	Flight Time: 452.8	Total aircraft time: 452.8
<p>Performed an ANNUAL inspection IAW Inspection Check List and Time Limits Table from Cirrus Maintenance Manual, Section 5. Replaced induction air filter P/N: BA-24. Replaced #1 Alternator brushes P/N: ALE-1013AS. Performed inspection and weight check of fire extinguisher. Performed 12 month inspection of ELT IAW FAR91.207 para. (d)(1) thru (4) and IAW supplemental inspection procedures (1) thru (7) and found satisfactory. ELT batteries expire MAR 2020. ADs checked thru 2015-08. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition on this date.  A&P36467781A</p>				
09-01-2015	N448LM	Flight Hobbs: 498.1	Hobbs: 545.5	
<p>Performed 50hr inspection Per Cirrus Inspection Checklist. Complied with All items required at 50hrs. I certify that this aircraft was inspected IAW a 50hr inspection and was determined to be in airworthy condition on this date.  A&P3646778</p>				

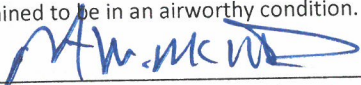
INSPECTION RECORD

F.A.R. 43.11-91.409

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


Time: 0.0
Type: F-1N, S/N
Model No.
Aircraft: Cirrus SR22
Owner: AW Cirrus

Cirrus SR22, s/n 2893, N448LM, **March 21, 2016**, Hobbs: 573.6, Flight: 518.1. Performed **annual inspection** per Cirrus Chapt. 5 M/M checklist and Form M100. Inspected ELT per 91.207(d), found satisfactory. Replaced RH brake temperature stickers, p/n 51698-001 and 51698-003. Tightened nose wheel bearing. Serviced brake reservoir. Checked nose gear pivot tension, found within spec. Cleaned gascolator screen and bowl. Inspected CAPS system, no defects noted. Inspected oxygen system per Precise Flight ICA, no defects noted. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signature: 
Chuck's Aircraft LLC., Austin Executive Airport

R.W. McBride, Jr. AP2710158IA

Maintenance
Time: 1013AS.
ELT IAW
Satisfactory.
Inspected in

Dec 13 2016 Hobbs 624.3 Flight Clock 618.1
REMOVE AND REPLACE MAP SENSOR INSTALL NEW
REMOVE AND REPLACE BOTH M/G TIRES INSTALL NEW REPLACE
OIL CHANGE AND SERVICE BATTERY
 AP554944805

this aircraft

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Date 4/13/2017

W/O# 15963



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 448LM

S/N 2893

Tach Time

TTAF

Eng TSO

Prp TSN

Prp TSO

656.4 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

656.4 COMPLIED WITH CIRRUS MANDATORY SB2X-32-19R3 NOSE LANDING GEAR ASSEMBLY UPPER GUSSET PLATE INSPECTION.

N/A COMPLIED WITH CIRRUS MANDATORY SB2X-52-08R2 PASSENGER & CREW DOORS CATCHER/DIVERTER AND GAS STRUT METAL ROD END INSTALLATION.

656.4 INSPECTED AIRCRAFT AND FOUND SB2X-57-09 FLAP COVE PATCH INSTALLATION PREVIOUSLY COMPLIED WITH.

213.4 COMPLIED WITH CIRRUS MANDATORY SB2X-28-11R3 BY REPLACEMENT OF FUEL RETURN LINE WITH NEW ANODIZED LINE. REMOVED ALL OLD TKS TANK SEALANT AND NUTPLATES. INSTALLED NEW NUTPLATES AND RESEALED TANK.

COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. INSTALLED NEW BRACKETT INDUCTION AIR FILTER ELEMENT. COMPLIED WITH 500 HR ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTING ATTACH BOLT TORQUE CHECK. PLACARD DIAGNOSTIC LED WITH LABEL READING "ADL SYSTEM INOPERATIVE", CENTER CONSOLE NEXT TO LED LIGHT. INSTALLED NEW LEFT AND RIGHT CABIN ENTRY ASSIST HANDLES. INSTALLED NEW LANDING LIGHT RUBBER MOUNTS, NEW LENS, AND NEW LENS RETAINER STRIP. INSTALLED NEW LEFT AND RIGHT CABIN DOOR GAS STRUTS. ADJUSTED RH DOOR LATCH CABLE TENSION. INSTALLED NEW LEFT WING TIP STROBE FLASH TUBE. INSTALLED 1 NEW RH AILERON TRIM LIMIT SWITCH AND SET TRAVELS. INSTALLED NEW RH AILERON GAP SEAL. INSTALLED NEW TKS FILTER AND TKS FINGER STRAINER. INSTALLED NEW RIGHT MLG BRAKE SHIM. RESEALED LEFT AND RIGHT BRAKE CALIPERS AND INSTALLED NEW OVERTEMP STICKERS. SERVICED AND BLED BRAKES. TORQUED NOSE LANDING GEAR WELDMENT ATTACHMENT BOLTS TO SPEC. ADJUSTED LEFT AND RIGHT MAIN LANDING GEAR GAP MEASUREMENTS TO SPEC. INSTALLED NEW LEFT AND RIGHT MAIN GEAR BRAKE DISCS AND BRAKE LININGS. PERFORMED A STANDARD FIBERGLASS REPAIR TO FILL ELONGATED HOLES IN LEFT AND RIGHT INBOARD WHEEL PANT FAIRINGS. INSTALLED NEW LH MUFFLER.

1/2



Date 6/26/2017

Airframe Logbook Entry

W/O# 16029

CRS AWKR298C


AIRCRAFT: N 448LM

25170 Aviation Ave., Davis, CA 95616

S/N: 2893

Tach 679.3 DRAINED TKS TANK. DISCONNECTED TKS LINES AT PUMP AND CLEARED WITH AIR. CAPPED, BAGGED AND SECURED TKS LINES AND PLUG. REMOVED TKS PUMP P/N 11820-01, S/N ASTO7K2204 AND SENT TO CAV FOR REPAIR. PUMP OVERHAULED BY ICE PROTECTION, INC. CRS#7CVR523B, UNDER WO SSA3981. INSTALLED TKS PUMP P/N 11820-01, S/N ASTO7K2204 WITH NEW SEALS AS PER CIRRUS SR22 AMM. SERVICED WITH TKS FLUID. OPERATIONAL AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: 

Shawn Matthies AWKR298C

30

448LM
2893



Date 11/14/2017 **Airframe Logbook Entry**
W/O# 16145 **CRS AWKR298C**
25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 448LM
S/N: 2893

AIR. CAPPED,
/N ASTO7K2204
CRS#7CVR523B,
NEW SEALS AS
NORMAL.

Inspected
by for the
Agency:

Tach 705.9 REMOVED GARMIN GTX 327 TRANSPONDER P/N 011-00490-00, S/N 83730103 FOR GARMIN GTX 345 TRANSPONDER UPGRADE. INSTALLED GARMIN GTX 345 P/N 011-03302-00 S/N 3EG008563. INSTALLED IAW STC# SA01714WI. UPDATED GNS 400W/500W MAIN SOFTWARE ON GNS #1 AND GNS #2 FROM VERION 3.30 TO SOFTWARE VERSION 5.30. UPDATED GNS 400W/500W GPS SOFTWARE ON GNS #1 AND GNS #2 FROM VERSION 3.2 TO SOFTWARE VERSION 5.0, PER STC SERVICE BULLETIN NO. 1618 REV A. CONFIGURED GNS 430#1 AND #2 FOR PROPER OPERATION WITH GTX 345, PER GTX 3XX PART23 AML STC INSTALLATION MANUAL REV 8. CONFIGURED GTX 345 FOR CUSTOMER'S AIRCRAFT PER GTX 3XX PART23 AML STC INSTALLATION MANUAL REV 8. CONFIRMED NO DISCREPENCIES NOTED. REINSTALLED AVIDYNE EXP5000 PFD P/N 700-00006-000, S/N 20016487 AFTER R8 UPGRADE BY SYMETRICS INDUSTRIES CRS# 5S5R934B UNDER W.O. 18398-11897RS. REMOVED S-TEC 55 AUTOPILOT COMPUTER P/N 01192-34-61T-30, S/N 0802-13138 FOR AVIDYNE DFC90 UPGRADE. INSTALLED AVIDYNE DFC 90 P/N 700-00170-000 S/N M173014372. INSTALLED IAW STC # SA00296BO PER AVIDYNE CORPORATION MASTER DOCUMENT LIST, DOCUMENT AVDFC-019, REV 10, DATED JUNE 24, 2013, OR LATER FAA APPROVED REVISION. 337 COMPLETED, FLIGHT MANUAL SUPPLEMENT ADDED TO POH, WEIGHT AND BALANCE / EQUIPMENT LIST REVISED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: *Shawn Matthies*

Shawn Matthies AWKR298C

**INSPECTION RECORD
F.A.R. 43.11-91.409**

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

Date 6/1/2019

W/O# 17645



Airframe Logbook Entry

AIRCRAFT: N 448LM

CRS AWKR298C

S/N: 2893

25170 Aviation Ave., Davis, CA 95616

ch / Flight

TTAF


Eng, TSN

Eng TSO

Prp TSN

Prp TSO

771.8 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. AD'S CHECKED THROUGH BI-WEEKLY 2019-11.
771.8 COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19R3, NOSE LANDING GEAR ASSEMBLY UPPER GUSSET
771.8 PLATE INSPECTION.
N/A INSTALLED NEW PILOTS SEAT INFLATOR PN 512847-401 (CIRRUS PN 20902-005), LOT# 35624352, S/N Z7181335051. DATED A1218. WITH NEW 90 DEGREE FITTING 513104-201, AND NEW LRU/INFLATOR INTERFACE CABLE PN 508978-241. PILOTS INFLATOR NEXT DUE **12/2028**. INSTALLED NEW CO-PILOTS SEAT INFLATOR PN 512847-401 (CIRRUS PN 20902-005), LOT# 35678733, S/N Z7181781193. DATED A0319. WITH NEW 90 DEGREE FITTING 513104-201, AND NEW LRU/INFLATOR INTERFACE CABLE PN 508978-241. CO-PILOTS INFLTOR NEXT DUE **03/2029**. INSTALLED NEW BRACKETT INDUCTION AIR FILTER ELEMENT. THE NEW INSTALLED INFLATOR BOTTLES ARE **10 YEAR** REPLACEMENT ITEMS PER CHAPTER 4 AIRWORTHINESS LIMITATIONS. INSTALLED NEW PROP GOVERNOR CONTROL ROD END.


The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: 

Shawn Matthies AWKR298C

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

Signed 

Shawn Matthies AWKR298C

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 3/2020 Signed: 

Shawn Matthies AWKR298C

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Date **7/9/2020**

/O# **18546**



Airframe Logbook Entry

AIRCRAFT: N448LM

CRS AWKR298C

S/N: 2893

25170 Aviation Ave., Davis, CA 95616

- | | | |
|---|---|---|
| <p>ch / Flight</p> <p>TTAF</p> <p>Eng, TSN</p> <p>Eng TSO</p> <p>Prp TSN</p> <p>Prp TSO</p> | <p>834.2</p> <p>834.2</p> <p>834.2</p> <p>N/A</p> <p>834.2</p> <p>391.2</p> | <p>COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. AD'S CHECKED THROUGH BI-WEEKLY 2020-13. COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19R3, NOSE LANDING GEAR ASSEMBLY UPPER GUSSET PLATE INSPECTION.</p> <p>INSTALLED NEW ELT BATTERY P/N452-6499 S/N 386959-047. COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. INSTALLED NEW BRACKETT INDUCTION AIR FILTER ELEMENT. COMPLIED WITH CIRRUS AIRFRAME PARACHUTE SYSTEM (CAPS) REEFING LINE CUTTERS 6 YEAR REPLACEMENT. INSTALLED NEW REEFING LINE CUTTERS KIT P/N 25347-002, S/N 16881 AND 17047, DATED 05/20. NEXT REPLACEMENT DUE 05/2026. INSTALLED NEW CAPS PIN. REASSEMBLED NOSE GEAR ASSEMBLY AND INSTALLED 6 NEW PUCKS, A NEW LOWER PUCK PAN, REBOUND BUMPER AND SPACER BUSHINGS. INSTALLED NEW LEFT MAIN TIRE P/N 070-449-0 S/N 9261S00208 AND NEW TUBE. INSTALLED NEW DUCT TO FRESH AIR MIXING BOX. ADJUSTED CRUISE RPM DETENT AND TAKEOFF RPM.</p> |
|---|---|---|

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

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

Signed: Shawn Matthies AWKR298C

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due

date 08/2027 Signed: Shawn Matthies AWKR298C

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: SR22
S/N: 2893
REG. NO: N448LM
WORK ORDER: 31229



APR Aviation

Repair Station No. CP3R43IL
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 3/19/2019
A/C TSN:
HOBBS: 879.9

Airframe Entries

(1) Verified PFD blank screen in aircraft. Removed PFD HW P/N 700-00006-000 Rev 40 Mods 34,43,51,55,57,58. Tested unit on bench, unit powers up but no backlighting on display, screen is readable with a flash light. Installed PFD p/n 700-00006-000 s/n 20016487. Checked all aircraft configuration settings. Leak checked static system and calibrated magnetometer. Checked operation of unit, works according to manufacture specs.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 3/19/2019

SIGNED:

Kevin Valtag Johnson
Certified Repair Station No. CP3R43IL

Work Order: 31229

Printed by EBis 3 (datcomedia.com)

AD NOTES COMPLIANCE RECORD

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2001-25-03	Detect and replace understrength rivets in the elevator and rudder		N/A by date of manufacture	X			
2002-05-05	Limit the chance of failure of the CAPS activation system		Superseded by AD 2002-24-08	X			
2002-21-02	Prevent loss of the self-locking retaining nut on the roll and yaw trim cartridges		N/A by date of manufacture	X			
2002-24-08	Prevent failure of the CAPS activation system in an emergency situation		N/A by date of manufacture	X			
2005-17-19	Prevent the crew seats from folding forward during emergency landing		Superseded by AD 2006-19-10	X			
2006-07-06	To detect, correct, and prevent damage to the fuel line and wire		N/A by date of manufacture	X			
2006-19-10	To prevent the crew seats from folding forward during emergency landing		N/A by date of manufacture	X			
2006-21-03	Prevent overheating damage to the brake caliper piston O-ring seals		N/A by date of manufacture	X			
2007-14-03	To correct pick-up collar support fasteners of the CAPS		N/A by aircraft s/n	X			
2007-24-13	To prevent moisture from accumulating along the wing shear web where it may freeze in certain conditions		N/A by aircraft s/n	X			
2008-03-16	To prevent the possibility of jamming of the rudder-aileron interconnect system		N/A by aircraft s/n	X			
2008-14-13	To prevent in-flight failure of the cabin door	01-12-09 @ 119.5	PCW by installation of kit P/N 70186-005 IAW SB2X-52-07R4.	X			
2009-26-01	To detect and correct anti-ice fluid distribution lines with improperly installed compression fittings		N/A by aircraft s/n	X			
88-03-06	Oil filter		N/A by engine date of manufacture	X			
91-19-03	Champion oil filter		N/A by engine date of manufacture	X			
93-08-17	Incorrect oil pick-up tube		N/A by engine date of manufacture	X			
93-10-02	Cylinder valve retainer		N/A by engine date of manufacture	X			
PL99-09-17	Crankshaft failure		Superseded by AD 99-19-01	X			
99-19-01	Crankshaft failure		N/A by engine date of manufacture	X			
PL2000-08-51	Crankshaft connecting rod journal fracture		Superseded by AD 2000-23-21		X		
2000-23-21	Fracture of the crankshaft connecting rod journal		N/A by engine date of manufacture	X			
2004-08-10	Prevent loss of engine power		N/A by engine date of manufacture	X			
2007-16-10	To prevent the turbine rotor from separating from the shaft of the turbocharger due to a machining defect in the turbocharger compressor		N/A Turbo Charger not installed	X			
2009-16-03	To prevent the separation of the cylinder head		Superseded by AD 2014-05-29	X			