

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL JR-20 DATE OF MFG. May 02
SERIAL NUMBER 1989 REGISTRATION NUMBER N7784T
N5507G 8/19/08 MOD

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	T0-360-ES	R 360690 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PAC-134F-1RF	FP6715B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			




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.
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Life Limited Parts SR20

PART NAME	PART NUMBER	S/N	EXPIRES
CAPS Rocket Motor	21814-001	S/N 4037	12/17
CAPS Parachute	20331-001	S/N 03437	04/18
CAPS Reefing Line Cutters	5212	LOT 70508A 003-048	02/14
ELT Battery Pack	452-6504	Date Installed 04/08	07/2013
EMA Controller, AAIR	20902-001	S/N 095 ANDR-29	JAN 2015
Pilot Seat Inflator Assy, AAIR	20902-002	S/N AA51 3201 20340	11/1/2015
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N AA51 3204 20336	11/1/2015

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AGENCY CERT. NO.	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.
		5/13/08 3.4	Searched AD's through bi-weekly issue 2008-10. All AD's are in compliance at this time.			 

MAKE Cirrus
MODEL SR20
S/N 1989
REG. NO. 530PG
WORK ORDER
11741-08-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE 8/20/2008
A/C TSN 3.5
HOBBS 3.5

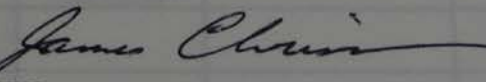
AD Entries

(2) Researched aircraft records for applicable mandatory service bulletins through this date. Researched aircraft records for applicable AD's through bi-weekly 2008-16. (5) Complied with AD2008-11-18 and found that it does not apply to this aircraft by serial number. No further action is required. (6) Complied with AD 2008-14-13 and found that it does not apply to this aircraft by serial number. No further action is required. (7) Complied with AD 2008-13-28 and found that it does not apply due to the type of propeller and engine installed. No further action is necessary.

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: 8/20/2008

SIGNED:


James Chrisman
Certified Repair Station No. YD5R855Y

Work Order: 11741-08-2008

Printed by EBis 3 (datcomedia.com)

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

MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.

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 18,000 FEET ON 04/28/08

Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83733036

Encoder: Model ACK P/N A-30 S/N 112656

Altimeter: Mfg Avidyne

(PFD) 15222 S/N 20062118

Mfg United P/N 12731-002 S/N 467841

CDC Quality Assurance  on 04/28/08

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

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

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289
N7789T Cirrus SR-22 sn: 1989
Hobbs: 347.0

May 13, 2010

United Instruments Altimeter 5934AD-3 sn: 467841 has been repaired and certified per FAR 91.411 to 35K' by Centennial Instruments Inc. on their WO # 7849 dated May 13, 2010. See their 8130-3 issued this date. Avidyne PFD 700-00006-000 sn: 20062118 (R7) Altimeter has been tested per FAR 91.411 to 20K' by Arapahoe Aero Avionics on our WO # AV-01987 dated May 13, 2010. See our 8130-3 issued this date. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above has been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: *[Signature]*

AV-01987

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road, Englewood, CO 80112 303-799-6289
N7789T Cirrus SR-22 sn: 1989

Hobbs: 347.0

May 13, 2010

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: May 13, 2010 on Garmin GTX-327 sn: 83733036 and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station on our WO # AV-01987. The aircraft and/or component identified above have been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: *[Signature]*

AV-01987

DATE	TOTAL TIME
10/4/09	31.1
11/11/09	38.1
12/2/09	58.1
1/17/09	69.
1/31/09	73.
2/20/09	84.
4/13/09	93.
5/3/09	93.
6/13/09	113.
7/5/09	13.
8/8/09	16.
4/13/09	18.
10/16/09	10.
11/24/09	2.
12/16/09	2.
1/29/10	2.
2/13/10	2.

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

Centennial Instruments, Inc.

7285 S. Revere Parkway Suite 705

303-662-0692

Centennial, Colorado. 80112

FAA Repair Station # L51R350Y

Altitude in Feet	Error	Altitude in Feet	Error
-1000	-15	16000	-25
0	0	18000	-15
500	-5	20000	+10
1000	0	22000	+40
1500	0	25000	+70
2000	+5	30000	+125
3000	+5	35000	+180
4000	+5	40000	
6000	-10	45000	
8000	-20	50000	
10000	-20	51000	
12000	-35	52000	
14000	-40	53000	

Tested by: STP [Signature]
Part #: 5934AD-3

Date: MAY 13, 2010
S/N: 467841

15. Authorized Signature:

10. Approval Authorization No.:

Step 22. Na. (m/d/y):

User/Installer F

document alone does not aut

national regulations of an airwo

/her airworthiness authority acc

n certification. In all cases, air

aircraft may be flown.

r must cross-check eligibility with ag

6289
3, 2010

AR 91.411
30-3 issued
AR 91.411 to
-3 issued

rent Federal
V-01987

289
13, 2010

this date:
Appendix F

current

AV-01987

DATE	TOTAL TIME
10/14/09	31.1
11/08/09	33.1
12/11/09	58.1
1/11/10	69.8
1/31/10	73.0
2/12/10	84.6
2/13/10	93.0
5/3/10	93.7
6/13/10	113.0
7/3/10	133.9
8/18/10	163.9
9/13/10	186.1
10/16/10	191.1
11/11/10	228.1
12/11/10	230.1
1/10/11	233.1
2/10/11	242.1

RADIO & ELECTRONIC CHECKS

DATE	SIGNAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE — CERT. NO.
11/13/09	31.1	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	38.1	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	55.1	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	69.8	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	73.0	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	84.6	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	93.0	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	93.7	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	113.0	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	133.9	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	163.9	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	186.8	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature]
11/13/09	191.0	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309
11/24/09	228.6	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309
12/19/09	230.3	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309
12/19/09	233.9	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309
12/19/09	242.7	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309
12/19/09	261.9	VOR GPS 1-2	VOT-G KAPA	0° Error		[Signature] 3434309

Deleted old certificate # as it was SS #

1-6289
 13, 2010
 AR 91.411
 10-3 issued
 R 91.411 to
 issued
 Federal
 987

010
 F>

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE
5/20/10	282.7	VOR GPS 1+2	VOT c KAPA	0° Error		3434309
7/10/10	335.4	VOR GPS 1+2	VOT c KAPA	0° Error		3434309
8/7/10	341.4	VOR GPS 1+2	VOT c KAPA	0° Error		3434309
10/24/10	357.8	VOR GPS 1+2	VOT c KAPA	0° Error		3434309
12/26/10	386.1	VOR GPS 1+2	10E.20 VOT c KAPA	0° Error		3434309
2/12/11	392.7	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
4/23/11	433.9	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
6/11/11	464.4	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
8/22/11	467.2	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
10/14/11	477.7	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
10/19/11	496.3	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
11/6/11	517.8	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
12/1/11	532.7	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
1/7/12	537.5	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
2/10/12	556.0	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
3/10/12	560.9	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
4/14/12	574.9	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309
5/14/12	583.6	VOR GPS 1+2	10E.2 VOT c KAPA	0° Error		3434309

DATE	TOTAL TIME	EQUIPMENT CHECKED
8/1/12	625.2	VOR GPS 1+2
8/20/12	632.5	VOR GPS 1+2
9/20/12	642.1	VOR GPS 1+2
10/16/12	648.8	VOR GPS 1+2
12/1/12	662.4	VOR GPS 1+2
1/16/13	670.8	VOR GPS 1+2
3/1/13	680.6	VOR GPS 1+2
2/31/13	683.8	VOR GPS 1+2
4/30/13	691.3	VOR GPS 1+2
5/24/13	703.2	VOR GPS 1+2
6/19/13	722.3	VOR GPS 1+2
7/14/13	738.1	VOR GPS 1+2
9/13/13	755.3	VOR GPS 1+2
10/13/13	763.2	VOR GPS 1+2
11/10/13	780.7	VOR GPS 1+2
12/1/13	797.2	VOR GPS 1+2
12/15/13	806.5	VOR GPS 1+2
1/12/14	819.1	VOR GPS 1+2

RADIO & ELECTRONIC CHECKS

CHECKED BY: SIGNATURE — CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
<u>3434309</u>	8/20/12	625.2	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/20/12	639.5	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/20/12	642.1	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/20/12	648.8	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/20/12	662.4	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/20/12	670.8	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/21/13	680.6	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/21/13	683.8	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/21/13	691.3	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/22/13	703.2	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/24/13	722.3	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	8/24/13	738.1	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	9/13/13	755.3	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	10/23/13	763.2	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	11/10/13	780.7	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	12/11/13	797.2	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	12/13/13	806.5	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>
<u>3434309</u>	1/12/13	819.1	VOR GPS 1-2	108.2 VOT @ KAPA	0° Error		<u>3434309</u>

AVIATION CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TEST RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE (SERIAL NO.)	DATE	TOTAL TIME	EQUIPMENT CHECKED	TEST RESULTS
1/20/16	832.9	VOR GPS 1-2	0	0° Error	[Signature]	3/31/17	1215.1	VOR GPS 1-2	0° Error
2/24/16	855.9	VOR GPS 1-2	108.2	0° Error	[Signature]	5/15/17	1239.8	VOR GPS 1-2	0° Error
3/16/16	863.4	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
4/2/16	888.7	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
4/16/16	895.0	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
6/10/16	927.3	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
8/1/16	977.6	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
11/4/16	1019.2	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
12/10/16	1023.3	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
3/20/17	1032.6	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
5/12/17	1040.7	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
6/2/17	1071.9	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
11/6/17	1097.4	VOR GPS 1-2	VOR 113.2 MHz 266° R.D. 1 36 NM	0° Variation Between 1-2	[Signature]				
12/14/17	1103.1	VOR GPS 1-2	VOT = HAPA 108.2	0° Error	[Signature]				
3/13/18	1128.5	VOR GPS 1-2	VOR 113.4 MHz 266° R.D. 1 14 NM	0° Variation	[Signature]				
6/12/18	1153.2	VOR GPS 1-2	VOT = HAPA 108.2 0° Error	0° Error	[Signature]				
9/12/18	1167.0	VOR GPS 1-2	VOT = HAPA 108.2 0° Error	0° Error	[Signature]				
10/30/18	1175.0	VOR GPS 1-2	BYP 114.6 3500 266° 9.9 NM	0° Variation Between 1-2	[Signature]				

MAINTENANCE RECORD
F.A.R. 43.9

CHECKED BY:
SIGNATURE — CERT. NO.

DATE OF
COMPLETION

MAKE: Cirrus
MODEL: SR20
S/N: 1989
REG. NO: 530PG
WORK ORDER:
11741-08-2008



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE: 8/20/2008
A/C TSN: 3.5
HOBS: 3.5

Airframe Entries

(3) Installed a TANIS Engine Preheat System Model No. TAS100-12CS IAW Tanis Installation Instructions Drawing No. 104 and Standard Maintenance Practices. Aircraft Weight and Balance has been Revised for this installation. Ops Check Good. (4) Installed Tuxedo stripes and changed registration number to N7789T IAW Cirrus A.M.M. 51-30.

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: 8/20/2008

SIGNED: *James Chrisman*
James Chrisman
Certified Repair Station No. YD5R855Y

Work Order: 11741-08-2008
Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR20-G3
S/N: 20-1989
REG. NO: 7789T
WORK ORDER:
11810-08-2008

Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE: 8/20/2008
A/C TSN: 4.2
HOBS: 4.2

AD Entries

(2) Researched AD's thru current Bi-Weekly 2008-17. All AD's are in compliance at this time. (3) Complied with CDC SB 2X-57-10, Aileron Trailing Edge Inspection/Adjustment IAW SB Instructions.

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: 8/20/2008

SIGNED: *Steven LaMour*
Steven LaMour
Certified Repair Station No. YD5R855Y

Work Order: 11810-08-2008
Printed by EBis 3 (datcomedia.com)

See entry for 25th Inspection 23 September 2008 @ 326 Hubs
and 24.8 Flight hrs in Inspection section of this Log Book (Pg 2)

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

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Cirrus SR20 S/N: 1989
13 October 2008 Hobbs: 0042.5 Flight Hobbs: 0032.0
 Installed new #2 GPS Antenna, P/N: 12744-004. Check #2 GPS coax cable for continuity and shorting. No defects noted. Operational check of GPS systems satisfactory. END.
L. John Wells L. John Wells A&P3221132 w/o 27149

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Cirrus SR20 S/N: 1989
15 November 2008 Hobbs: 0058.3 Flight Hobbs: 0043.7
50 Hour Inspection completed this date using the Cirrus Scheduled Maintenance Form as a guide Cleaned and resealed fuel strainer. Serviced tires as needed. Installed new cabin air inlet insulating sleeve. Removed #1 GNS 430, P/N: 011-01060-00, S/N: 23404480. Installed repaired / exchange unit, S/N: 2340449. Adjusted all preset parameters as needed. Serviced brake reservoir and #1 aircraft battery. Serviced tires, cleaned windows and vacuumed interior. Ground run operational check of all aircraft systems satisfactory. END.
L. John Wells L. John Wells A&P3221132 w/o 27232

*See entry for Annual Inspection 13 May 2009 @ 120.4 Hobbs
 93.1 Flight Hobbs in Inspection Section of Pilot Log Book (Pg 3)*

12760 EAST CO
 N7789T
 22 July 2009
 Completed 50 Hour
 guide. Inspected, cle
 aircraft battery. Serv
 Service Bulletin No
 temperature second
 and main landing g
 carpets, and vacu
L. John Wells

1278
 N7789T
 Hobbs: 2
 GARMIN
 MAIN Sol
 per GARN
 Performe
 aircraft a
 Regulatio
 FAA C

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

3

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80117 (303) 700-8386

22 July 2009
Completed 50 Hour
guide. Inspected, checked
aircraft battery. Serv
Service Bulletin No
temperature second
and main landing gear
carpets, and vacuum

1. Approving National Aviation
Authority/Country:

FAA/UNITED STATES

2. **AUTHORIZED RELEASE**
FAA Form 8130-3, AIRWORTHINESS

4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 Certificate

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *
1.	GNS430W, Blk	011-01060-00	N/A

13. REMARKS: Unit meets operational performance specifications. Replaced LCD module for preventative maintenance. Corrected for optimum performance. Master cleared to restore unit to its original factory settings. Unit was tested in cold (-20°C/-4°F), hot (60°C/140°F) navigation. Unit passed all ATE testing. OK to Return to service.

The Main and GPS software is at the latest revision. This unit complies with Garmin's Service Bulletins No. 0740, 0808 and 0818. It is the responsibility of the Installer to verify that the installation complies with the Service Bulletins listed above. If this unit is part of a system, the installer should assess the installation compatibility.

This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev-10"

12780 E
N7789T Cir
Hobbs: 236.5
GARMIN GNS-430
MAIN Software
per GARMIN S
Performed Man
aircraft and/or cc
Regulations and
FAA CRS ZI

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

3) 799-8386
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Hobbs
Book (Pg 3)

4
DATE OF COMPLETION

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

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289
N7789T Cirrus SR-22 sn: 1989

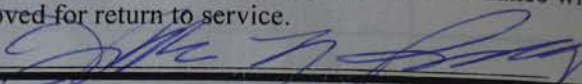
October 19, 2009

Hobbs: 236.5

Garmin GNS 430W sn: 23404492 and 23406298 MAIN Software has been updated to Version 3.30 per
Garmin Software Service Bulletin No. 0918 Rev. A dated JU/09. (previous version 3.20)

The aircraft and/or component identified above has been inspected in accordance with the current Federal
Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:



AV-01814

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 195.7

20 October 2009 Flight Hobbs: 195.7 Hobbs Meter: 236.8

Aircraft Inspection completed this date using the Cirrus Maintenance Interval 100 Hour Inspection form as
a guide. Installed and safetied new fuel strainer element P/N: 1742243-05. Serviced and charged #1)
aircraft battery. Applied Loctite thread lock and torqued nose gear tow pins. Repaired nose gear wheel
pant forward cap using composite type repair. Serviced brake reservoir. Inspected brake calipers and
linings. Checked main wheel pant screw torque. Complied with Cirrus Service Advisory No. SA 06-06
(MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion as outlined in
Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service
Manual. Cleaned windscreen and cabin windows and vacuumed seats and interior. AD's checked through
Biweekly 2009-21. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.



Greg Sickafoose A&P 521652584

w/o 28544

12760 EAST CO
N7789T

11 February 2010

Completed 50 Hour

guide. Inspected, cle

aircraft battery. Serv

main landing gear t

Cleaned windscreen



12760 EAST

N7789T

24 June 2010

Removed and rep



See A

2nd

MAINTENANCE RECORD
F.A.R. 43.9

3

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

11 February 2010 Flight Hobbs: 242.1 Hobbs Meter: 290.7

Completed 50 Hour Inspection this date using Cirrus Maintenance Interval 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings Inspected nose and main landing gear tires and serviced to specified pressures. Installed new inlet air duct insulation sleeve. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.

L. Wells

L. John Wells A&P 3221132 w/o 28708

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

24 June 2010 Flight Hobbs: 319.0 Hobbs Meter: 381.0

Removed and replaced gascolator drain valve (P/N: 50242-001). Leak check satisfactory.

L. Wells

L. John Wells A&P 3221132 w/o 29412

See Annual Inspection on 14 May 2010 e Flight Hobbs 290.4
and Hobbs Meter of 346.9 on next page (Pg 6)

6
DATE COMPLETE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 290.4
14 May 2010 Flight Hobbs: 290.4 Hobbs Meter: 346.9

Schedule on P 5 of Maintenance Record

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested remote arming switch and Artex 406 MHz ELT per FAR 91.207(d), no defects noted. **ELT batteries due July 2013.** Tightened pilot's sun visor installation hardware, no further looseness noted. Installed (1) new large area fabric washer and screw on pilot's door interior panel. Lubricated co-pilot's door latches, checked rigging and verified pin alignment and synchronization, operational check satisfactory. Lubricated co-pilot's door lock, no further sticking noted. Performed fuel cap assembly resistance functional test, no defects noted. Installed new fuel filter element Kit P/N: 1742243-05. Serviced and charged #1 aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next #2 battery replacement due May 2012 or Flight Hobbs: 790.4.** Checked nose gear fork side tension, no adjustment required. Installed new nose gear right hand cup and cone bearing assembly P/N's: 08231 and 08125 respectively. Touched-up chipped paint on nose gear fairing. Reversed right main gear tire. Serviced right main tire to specified pressure and balanced wheel assembly. Serviced brake reservoir. Installed new Brackett induction air filter P/N: BA24. **Next induction air filter replacement due May 2011 or Flight Hobbs: 490.4.** Cleaned affected areas and installed new lower left hand cowling aft seal P/N: 50700-063U. Installed new inspection panel and wing tip installation hardware as needed. AMSAFE post inspection test satisfactory. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **Complied with Cirrus Service Advisory No. SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Service Manual, no corrosion noted. **Next MCU corrosion inspection due Flight Hobbs: 390.4.** **Complied with Cirrus Service Bulletin No. SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate and Forward Weld Inspection)** by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next nose landing gear inspection due May 2011 or Hobbs Time: 390.4.** AD's checked through Biweekly 2010-10. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

L. John Wells

L. John Wells A&P 3221132 IA w/o 29235

DATE OF COMPLETION AIRCRAFT TIME IN SERVICE

12760 EAST CON
N7789T
12 August 2010
Completed 50 Hour I
guide. Inspected, clean
1742243-05. Checked
Inspected brake calipe
pressures. **Complied**
upper gusset plate and
torqued. Cleaned with
Albee

12780 E. C
N7789T Cirrus
Hobbs: 381.2
Avidyne MFD 700
Installed new R8.1
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The aircraft and/or
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**MAINTENANCE RECORD
F.A.R. 43.9**

7

(303) 799-8386
al Time: 290.4
Manual Inspection
7(d), no defects
no further
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Performed fuel
Kit P/N:
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Gusset Plate
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DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry
 Flight Hobbs: 342.1 Hobbs Meter: 408.8

12 August 2010
 Completed 50 Hour Inspection this date using Cirrus Maintenance Interval 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and safetied fuel strainer. Installed new fuel filter element kit, P/N: 1742243-05. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Complied with Cirrus Service Bulletin 2X-32-19R2 (nose strut inspection) by inspection of upper gusset plate and forward welds - no cracks noted. Installed reinforcement kit (P/N: 70238-001) and torqued. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.


L. John Wells A&P 3221132 w/o 29590

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289
 N7789T Cirrus SR-22 sn: 1989 July 26, 2010
 Hobbs: 381.2

Avidyne MFD 700-00004-006 sn: 20011128 (R7.0.2)
 Installed new R8.1 Flash Card per Avidyne Service Bulletin No. 601-00004-087 Rev. 01 FEB/09.
 Checked and Configured System per Avidyne EX5000 Installation Manual No. 600-00073 Rev. 24
 New Software 530-00201-00 Rev. 00. R8.1

The aircraft and/or component identified above has been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:  AV-02044

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

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N7789T Cirrus SR20 S/N: 20-1989
11 February 2011 Flight Hobbs: 392.5 Hobbs Meter: 469.1 Airframe Log Entry
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Tightened screws on right inboard fuel drain panel. Cleaned windscreen, cabin windows, carpets, and vacuumed seats. Ground run operational check of aircraft systems satisfactory.

L. John Wells
L. John Wells A&P 3221132 w/o 30259

ARAPAHOE AERO AVIONICS
12780 E. Control Tower Road K-6 Englewood, CO 80112 303.799.6289

N7789T Cirrus SR-20 sn: 1989
Hobbs: 517.0 May 9, 2011
 Removed Avidyne MFD sn: 20011128 and installed Avidyne MFD 700-00004-008 sn: 20020497 (R8.1) See Avidyne Work Order 9013941 for details. See their 8130-3 issued April 28, 2011. Unit has been configured and operation verified.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: *L. John Wells* AV-02311

DATE OF COMPLETION	AIRCRAFT TIME
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**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF AIRCRAFT TIME DESCRIPTION OF WORK PERFORMED

1. Approving National Aviation Authority/Country:
FAA/United States

2.

AUTHORIZED RELEASE
FAA Form 8130-3, AIRWORK

4. Organization Name and Address:
Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321-799-8386)

6. Item:	7. Description:	8. Part Number:	9. Eligibility:
1	Multi-Function Display	700-00004-008	N/A

13. Remarks:

1. Inspected in accordance with Repair Manual 600-00130-004rev0 with full details held within Returned Material Authorization 90139
2. Certifies that the work specified in block 12/13 was carried out in accordance with the current service. component is considered ready for release to service under EASA

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

799-8386
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DATE OF COMPLETION

AIRCRAFT TIME

12760 EAST
N7789T
10 May 2011
100 Hour/Annual
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Modification) t
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19 R2 (Nose L
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P/N: BA24.
Complied w
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MAINTENANCE RECORD
F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO.

ARAPAHOE AERO

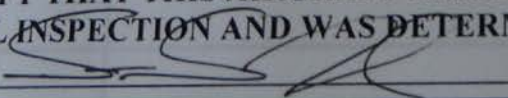
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
Airframe Total Time: 434.6

Cirrus SR20 S/N: 20-1989
N7789T Flight Hobbs: 434.6 Hobbs Meter: 517.0

10 May 2011

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested Artex 406 MHz ELT per FAR 91.207(d), using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AV triple/3195/N7789T-1 on file. **ELT batteries due July 2013.** Complied with **Cirrus (SB) No. 2X-27-16 (Flap Actuator Modification)** by modifying the placement of the flap actuator sensors, replacing actuator end fitting and rod-end, installing a hard stop on the actuator shaft as provided in Kit No. 70231-001 and rigging flap settings and checking operation per Service Bulletin. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1 aircraft battery. Complied with **Cirrus Service Bulletin No. SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate and Forward Weld Inspection)** by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next nose landing gear inspection due May 2012 or Hobbs Time: 534.6.** Installed new nose gear fork thrust washer, P/N: 50545-001, set side tension and installed new safety. Installed new nose wheel right hand cup and cone bearing assembly P/N: 08231 and P/N: 08125 respectively. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and installed new felt dust seals in all wheel assemblies. Serviced brake reservoir. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due May 2012 or Flight Hobbs: 634.6.** Complied with **Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. **Next MCU corrosion inspection due Flight Hobbs: 534.6.** AMSAFE post inspection test satisfactory. AD's checked through Biweekly 2011-10. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.


Scott S. Fisher A&P 3290363 IA w/o 30507

MAINTENANCE RECORDS

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

AGENCY & CERTIFICATE NO.
FORM PREVIOUSLY REWORKED OR REISSUED

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April 28,
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12760 EAST CONTROL T
N7789T Cirrus
10 May 2011 Flight Hobbs
100 Hour/Annual Inspection co
Form as a guide. Tested Artex 4
measurement equipment, no defe
file. ELT batteries due July 20
Modification) by modifying the
rod-end, installing a hard stop on
settings and checking operation p
strainer. Serviced and charged #1
19 R2 (Nose Landing Gear Up
landing gear assembly cross tube
defects noted. Next nose landing
nose gear fork thrust washer, P/N
wheel right hand cup and cone be
inspected and repacked wheel bea
seals in all wheel assemblies. Ser
P/N: BA24. Next induction air f
Complied with Cirrus (SA) No. S
inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. Next
MCU corrosion inspection due Flight Hobbs: 534.6. AMSAFE post inspection test satisfactory. AD's
checked through Biweekly 2011-10. Post inspection ground run-up and systems operational check good.
Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
Scott S. Fisher
Scott S. Fisher A&P 3290363 IA w/o 30507

ITEM: 18
QTY: 3
P/N: 10-382585
U/M: EA
DESC: CONTACT AY
3065574
18

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. Organization Name and Address: Cessna Aircraft Company (PCA) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218	
3. Item:	4. Description:	5. Part Number:	6. Quantity:
18	CONTACT AY	10-382585	N/A
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL
16. Approval/Authorization No.: ODA-100129-CF		17. Date (m/d/y): APR/05/2011	
18. Authorized Signature: <i>Kenneth E. Wysocki</i>		19. Name (Typed or Printed): KENNETH E. WYSOCKI SR.	
<p>User/Installer Responsibilities</p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> <p>FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data.</p>			

3065574

PO# INV-29471

NSN 7520-34

MAINTENANCE RECORD

1. Approving National Aviation Authority / Country: FAA/UNITED STATES
 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG: 2953991

3. Organization Name and Address: Cessna Aircraft Company (PC4)
 Cessna Parts Distribution Dept. 702
 5800 E Pawnee, Wichita, KS 67218

4. Item: 16 SEAL
 5. Description: 154-00100
 6. Part Number: N/A
 7. Quantity: 6
 8. Status: N/A
 9. Remarks: New

12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.
 PO# INV-28994

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

15. Authorized Signature: *Kenneth E. Wsocki*
 16. Approval/Authorization No.: ODA-100129-CE

17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.
 18. Date (m/d/yy): DEC/14/2010

User/Installer Responsibilities
 It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0952-00-012-9005

12760 EAST CONTROL Cirrus
 N7789T Flight Ho
 10 May 2011
 100 Hour/Annual Inspection
 Form as a guide. Tested Arter
 measurement equipment, no d
 file. ELT batteries due July
 Modification) by modifying
 rod-end, installing a hard stop
 settings and checking operati
 strainer. Serviced and charge
 19 R2 (Nose Landing Gear
 landing gear assembly cross t
 defects noted. Next nose lan
 nose gear fork thrust washer,
 wheel right hand cup and con
 inspected and repacked wheel
 seals in all wheel assemblies.
 P/N: BA24. Next induction
 Complied with Cirrus (SA) M
 inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. Next
 MCU corrosion inspection due Flight Hobbs: 534.6. AMSAFE post inspection test satisfactory. AD's
 checked through Biweekly 2011-10. Post inspection ground run-up and systems operational check good.
 Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.
**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN
 ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**
 Scott S. Fisher A&P 3290363 IA w/o 30507

ITEM: 16
 2953991
 P/N: 154-00100
 QTY: 6
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**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry
 2 February 2012 Flight Hobbs: 541.5 Hobbs Meter: 644.6
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.
L. John Wells L. John Wells A&P 3221132 w/o 31540

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry
 24 February 2012 Flight Hobbs: 560.6 Hobbs Meter: 666.6
 Adjusted and lubricated latches on pilot door. Operational check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 31617

See entry for 50 Hr Inspection 15 September 2011 @ ~~494.2~~ 589.0 hrs and 494.2 Flight hrs in Inspection Section of This Log Book (Pg 4)

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE
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12780 E C
 N7789T Cirrus SR20
 Hobbs: 682.5
 Removed one STEC
 DFC-90 Autopilot
 SA00296BO issued
 Removed Avidyne
 000 sn: 20160097
 March 7, 2012.
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 functionality.
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 Aircraft's Equipm
 See 337 dated N
 Aircraft's Pitot a
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 maintenance ru
 FAA CRS ZL

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

DESCRIPTION FOR MAINTENANCE RECORDS

DATE OF COMPLETION AIRCRAFT TIN IN SERVICE

12780 E C
N7789T Cirrus S
Hobbs: 682.5
Removed one STEC
DFC-90 Autopilot C
SA00296BO issued
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March 7, 2012.
Performed Flap Wirin
functionality.
Equipment has been i
Installation Manual 60
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Aircraft's Equipment
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Aircraft's Pitot and Sta
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CASE CERTIFICATE

THINNESS APPROVAL TAG

1.751.8411 Fax:321.751.8435)

3. Form Tracking Number:

9016900

5. Work Order/Contract/Invoice Number:

9016900

9. Quantity: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	1	20160097	See block 13

3-004rev02 sections 1-11, and PMM Temporary Revision Sheet 605-
held within Returned Material Authorization 9016900.
accordance with EASA Part-145 and in respect to that order the
A. 145.6138
with appendix E of 14 CFR 43 and 630-00129-000rev21 in accordance

MAINTENANCE RECORD
F.A.R. 43.9

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

12780 E Control Tower Road Englewood, CO 80112 303.799.6289
March 30, 2012

N7789T Cirrus SR-20 sn: 1989
Hobbs: 682.5

Removed one STEC System 55X 01192-34-61T-30 sn: 0812-13422 and installed one Avidyne DFC-90 Autopilot Computer 700-00170-000 Rev. 00 sn: M120559980. (R2) per STC SA00296BO issued June 18, 2010.

Removed Avidyne PFD 700-00006-000 sn: 20062118 Installed Exchange PFD 700-00006-000 sn: 20160097 (R8.0.5) Software 530-00214-002 Rev. 05. See Avidyne 8130-3 issued March 7, 2012.

Performed Flap Wiring Mod per SB 601-00170-007 Envelope Alerting and Protection functionality.

Equipment has been installed and Ground Tested in accordance with Avidyne DFC 90 Installation Manual 600-00251-000 Rev.05. All work done in accordance with Avidyne Master Drawing List AVDFC-019 Rev. 09 JAN/12 and AC 43.13-1B and AC 43.13-2A.

Aircraft's Equipment List has been updated. No change to aircraft's Weight and Balance required. See 337 dated March 30, 2012 for details.

Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-02555

**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
19 April 2012		ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N7789T Cirrus SR20 S/N: 20-1989 Flight Hobbs: 576.7 Hobbs: 684.6 Placed into service, charged and installed new Gill 243 battery, S/N: G02713761. <i>Alberto Pizzato</i> Alberto Pizzato A&P 2522916	Airframe Log Entry w/o 31794

1. Approving National Aviation Authority Country:

2.

MAINTENANCE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED
ARAPAHOE AERO AVIONICS 12780 E Control Tower Road Englewood, CO 80112 303.799.6289 N7789T Cirrus SR-20 sn: 1989 Hobbs: 692.4 May 2, 2012 United Instrument Altimeter 5934AD-3 sn: 467841 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO# 8711 dated May 2, 2012. See their 8130-3 issued this date. Avidyne PFD 700-00006-000 sn: 20160097 (R8.0.5) FAR 91.411 IFR cert is current as of March 7, 2012. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service. FAA CRS ZL6R006Y Signed: <i>Alberto Pizzato</i> AV-02592

N7789T
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MAINTENANCE RECORD
F.A.R. 43.9

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AGENCY & CERTIFICATE NO.
PERFORMED/RETURNED TO SERVICE

DATE OF
COMPLETION

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IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

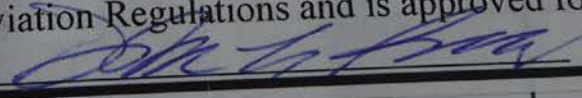
ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289
May 2, 2012

N7789T Cirrus SR-20 sn: 1989

Hobbs: 692.4

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: May 2, 2012 on **Garmin GTX-327 sn: 83733036** and found to comply with **FAR Part 43 Appendix F**. Details of this test and inspection are on file at this Repair Station on our Work Order No. AV-02592

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.
FAA CRS ZL6R006Y Signed:  AV-02592

14
MAINTENANCE RECORD
F.A.R. 43.9

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

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 583.6

4 May 2012 Flight Hobbs: 583.6 Hobbs Meter: 692.4
 100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested Artex 406 MHz ELT per FAR 91.207(d), using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AV triple/3195/N7789T-1, dated 04-27-2012 on file. **ELT batteries due July 2013.** Performed "Data Logger" functional inspection, L.E.D. annunciator light indicated no defects. Secured XM radio remote mounting clip. Torqued and safetied rudder spring cartridge pivot bolt. Torqued and safetied elevator trim cartridge aft mounting bolt. Complied with Cirrus (SB) No. 2X-27-16 R1 (Flap Actuator Modification) by replacing actuator end fitting, resetting flap actuator proximity sensors, adjusting shaft collar clearance and verifying rigging, flap settings and checking operation per Service Bulletin. Performed left and right fuel cap resistance check, no defects noted, all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1 aircraft battery. Installed (2) new #2) aircraft batteries P/N: 50979-001. Next #2) battery replacement due May 2014 or Flight Hobbs: 1083.6. Complied with Cirrus (SB) No. SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate and Forward Weld Inspection) by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. Next nose landing gear inspection due May 2013 or Hobbs Time: 683.6. Secured left main gear upper strut fairing cushions. Installed new left and right main wheel tires P/N: 156E66-4, S/N: 13232157 and S/N: 10047536 and tubes P/N: 097-500-0. Torqued wheel half assembly hardware, serviced tires to specified pressure and balanced wheel assemblies. Serviced brake reservoir.

(Page 1) (Continued)

Continued on Pg 5 of Inspection Record
 Section of Log

DATE
 01 May 2008

MAY 14 2012

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

AGENCY & CERTIFICATE NO.
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DATE	AIRCRAFT TIME IN SERVICE
01 May 2008	3.4 Hrs

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

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

Name: Greg Peterson Date 01 May 2008

Signature: [Signature]

Title: Production Flight Test Pilot

MAY 14 2008	3.4 hrs
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I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated MAY 14 / 2008.
The next inspection is due MAY 31 / 2009.

[Signature]

LOREN L. THIBERT
ODARF-405228-CE

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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ARAPAHOE AERO

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

N7789T

Cirrus

SR20

S/N: 1989

23 September 2008

Hobbs: 0032.6

Flight Hobbs: 0024.8

25 Hour Inspection completed this date using the Cirrus Scheduled Maintenance Form as a guide. Cleaned and resealed fuel strainer. Serviced tires as needed. Secured placard on wet compass as needed. Rebonded left wing fairing as required. Lubricated right cabin door lock. Adjusted left flap up 2 1/2 turns at aft rod end and installed new safety. Leveled aircraft and verified aircraft attitude instrumentation readings. No defects noted. Installed new section of lower cowling aft seal as needed. Cleaned all windows and vacuumed interior. Ground run operational check of all aircraft systems satisfactory. END.

L. John Wells

L. John Wells A&P3221132

w/o 27045

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DATE AIRCRAFT TIME IN SERVICE

12760 EAST
 N7789T
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**INSPECTION RECORD
F.A.R. 43.11-91.409**

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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 95.1

13 May 2009 Flight Hobbs: 95.1 Hobbs Meter: 120.4

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Artex 406 MHz ELT tested per FAR 91.207(d), no defects noted. **ELT batteries due July 2013.** Adjusted inboard pilot's seat back recline stop block, no further engagement defects noted. Refit right hand cockpit "B" pillar interior panel. Installed new right hand passenger's cup holder P/N: 51179-001. Reinstalled rear cabin window trim. Secured left hand wing navigation light lens. Tightened and safetied lower rudder hinge fitting bolt. Inspected, cleaned, resealed, and safetied fuel strainer. Serviced and charged #1) aircraft battery. Adjusted nose gear fork side tension and installed new safety. Serviced brake reservoir. Cleaned affected areas and affixed new left and right lower cowl anti-chafe material P/N: 50700-063U. Installed new Well nuts and inspection panel installation hardware as required. Detailed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Installed new Brackett induction air filter P/N: BA24. **Next induction air filter replacement due May 2010 or Flight Hobbs: 295.1.** Cirrus AD 2008-03-16 (Jamming of Aileron-Rudder Interconnect System) effective 03-11-2008, does not apply by Aircraft Serial Number. Cirrus AD 2008-11-18 (Exhaust System Leaks) effective 07-07-2008, does not apply by Aircraft Serial Number. Cirrus AD 2008-14-13 (In-flight Cabin Door Separation) effective 08-14-2008, does not apply by Aircraft Serial Number. Avidyne Corp. AD 2009-05-05 (PFD Limitations) effective 04-03-2009, (supersedes AD 2008-06-28 R1) does not apply by affected unit Serial No's listed Avidyne Service Bulletin No. 601-00006-096 Rev 01, installed Avidyne PFD S/N: 20062118. ADs checked through Biweekly 2009-10. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

Scott S. Fisher A&P 3290363 IA w/o 27889

Signature of P2 of Maintenance Record Section

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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

15 September 2011 Flight Hobbs: 494.2 Hobbs Meter: 589.0

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.

L. John Wells

L. John Wells A&P 3221132 w/o 31071

Sequence in Pg 14 of Maintenance Record Section

DATE	AIRCRAFT IN SERVICE
	<i>Continued</i>

12760 EAST
 N7789T
 4 May 2012

Installed new replacement d
 Corrosion Ins
 Inhibitor per th
 Hobbs: 683.6.
 cabin fire extir
 ground run-up
 cabin window
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INSPECTION RECORD
F.A.R. 43.11-91.409

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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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Continued from Pg 14 of Maintenance Record Section of Log

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 583.6

4 May 2012 Flight Hobbs: 583.6 Hobbs Meter: 692.4
(Continued) (Page 2)

Installed new Brackett induction air filter element P/N: BA24. Next induction air filter element replacement due May 2013 or Flight Hobbs: 783.6. Complied with Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. Next MCU corrosion inspection due May 2013 or Flight Hobbs: 683.6. Performed AmSafe post seat installation check, no defects noted. Inspected and weighed cabin fire extinguisher, no defects noted. AD's checked through Biweekly 2012-08. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**



Greg Sickafoose A&P 3443687 IA w/o 31830

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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

11 September 2012 Flight Hobbs: 641.7 Hobbs Meter: 760.8

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.

L. John Wells L. John Wells A&P 3221132 w/o 32357

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N7789T Cirrus SR-20 sn: 1989 October 3, 2012

Hobbs:

Avidyne PFD 700-00006-000 sn: 20160097

Updated System Software to Version 8,0.6 per Avidyne Service Bulletin No. 601-00006-111 dated September 19, 2012. Set up and configuration completed and verified per Avidyne EXP5000 IM. A copy of the EXP5000 Primary Flight Display Pilot's Guide Addendum Release 8 (600-00259-000) has been added to aircraft's records. (PFD Pilot Guide was not located in the aircraft at this time). Aircraft's Pitot and Static system has been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: *[Signature]* AV-02731

12760 EAST CON
N7789T
18 January 2013
Removed left gap seal.
[Signature]

INSPECTION RECORD
F.A.R. 43.11-91.409

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DATE

AIRCRAFT TIME
IN SERVICE

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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

18 January 2013 Flight Hobbs: 670.8 Hobbs: 795.1

Removed left gap seal, cleaned off old tape and installed new gap seal.

[Signature]

Alberto Pizzato A&P 2522916 w/o 32767

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INSPECTION RECORD

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ARAPAHOE AERO

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

N7789T

Cirrus

SR20

S/N: 20-1989

Airframe Total Time: 691.3

01 May 2013

Flight Hobbs: 691.3

Hobbs Meter: 819.1

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested ELT remote arming switch and Artex 406 MHz ELT per FAR 91.207(d), no defects noted. **ELT batteries due July 2013.** Completed installation of MFD Check List Version A10 and adjusted preset parameters as needed. Affixed pilot's side lower kick panel upholstery. Cleaned affected area and applied new vertical stabilizer upper close-out tape. Cleaned affected areas and resealed vertical stabilizer mounted VOR antennas using RTV sealant. Cleaned and primed affected areas and reinstalled right wing to fuselage fairing adjacent to fuel drain. Installed new fuel filter element and seals as included in Kit P/N: 1742243-05. Serviced and charged #1 aircraft battery. Performed AmSafe post seat installation check, no defects noted. Performed 12 month cabin fire extinguisher weight check. Installed new brake caliper temperature placards, "stickers", bled brake system and serviced reservoir, brake operational check good. Installed new Brackett induction air filter element P/N: BA24. Checked nose wheel fork side tension. Installed new flap relays, P/N: 50288-001. **Complied with Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. **Next MCU corrosion inspection due April 2014 or Flight Hobbs: 791.3. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Assembly Inspection)** by inspecting the nose landing gear assembly upper gusset plate for cracks as outlined in Service Bulletin, no defects noted. **Next nose landing gear inspection due April 2014 or Hobbs Time: 791.3. Complied with Cirrus SB 2X-57-13 R2 (Lower Landing Gear Attach Bracket)** by retorquing the left and right main gear lower landing gear attach bracket bolts per Service Bulletin, no further action required. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. **Next induction air filter element replacement due April 2014 or Flight Hobbs: 891.3.** AD's checked through Biweekly 2013-08. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

L. John Wells

L. John Wells A&P 3221132 IA

w/o 33054

DATE

AIRCRAFT IN SERVICE

12760 EAST CONT
N7789T

22 July 2013 Flight
Completed 50 Hour In
cleaned, resealed, and le
battery. Installed new F
were normal. ELT bat
main landing gear tires
main wheel fairing bol
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John Wells

12760

N7789T

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INSPECTION RECORD
F.A.R. 43.11-91.409

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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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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry
22 July 2013 Flight Hobbs: 745.8 Hobbs Meter:
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Installed new ELT battery (P/N: 455-0012). Tested ELT per FAR 91.207. All ELT operations were normal. **ELT battery is next due at Feb 2020.** Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen, cabin windows, carpets, and vacuumed seats.

Jason Daniel Schaaf

Jason Daniel Schaaf A&P 3551738 w/o 33370

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry
13 August 2013 Flight Hobbs: 755.3 Hobbs: 892.0
 Removed right gap seal, cleaned off old tape and installed new gap seal. Lubed and adjusted fuel caps as needed. Reinstalled nose gear stinger screws with Loctite to seal. Replaced right main wheel bearing and cup. Installed new right-hand brake linings. Conditioned brakes per Cleveland service instructions

Randy J. Knox, Jr.

Randy J. Knox, Jr. A&P 3227973 w/o 33446

(303) 799-8386
 Total Time: 691.3

ce Manual Inspection
 R 91.207(d), no
 List Version A10 and
 . Cleaned affected
 nd resealed vertical
 eas and reinstalled
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 post seat installation
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INSPECTION RECORD
F.A.R. 43.11-91.409

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

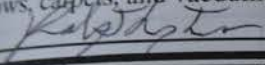
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ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

28 February 2014 Flight Hobbs: 855.8 Hobbs Meter: 1000.3
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Leak check satisfactory. Post inspection ground run-up and systems operational check satisfactory. Cleaned windows, carpets, and vacuumed seats.



Randy J. Knox, Jr. A&P 3227973 w/o 34122

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ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

18 April 2014 Flight Hobbs: 895.0 Hobbs Meter: 1043.9
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Leak check satisfactory. Post inspection ground run-up and systems operational check satisfactory. Cleaned windows, carpets, and vacuumed seats.



Randy J. Knox, Jr. A&P 3227973 w/o 34282

12
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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 924.3

14 June 2014 Flight Hobbs: 924.3 Hobbs Meter: 1076.5

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N7789T-6-6-14-1, dated 06-06-2014 on file. **ELT battery due February 2020.** Installed new ELT remote arming switch battery P/N: PX28LB. **ELT remote arming switch battery due June 2019.** Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated no defects. Secured XM radio remote clip. Inspected cockpit and cabin side panels for condition and security. Repaired small right side panel surface tear. Repositioned aft right interior side panel, reinstalled cabin door seal and affixed dual-loc Velcro strip as needed. Inspected and lubricated pilot's and co-pilot's cabin door latches and hinges. Inspected #1 Comm antenna for condition and security and repainted flaked-off epoxy coating area as needed. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1 aircraft battery. Performed battery capacity test and recharged and reinstalled #1 battery. Battery capacity tested at 83%. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next #2) battery replacement due June 2016 or Flight Hobbs: 1424.3.** Inspected nose gear strut for condition and security and checked nose wheel fork side tension. Installed new right main wheel brake caliper linings P/N: 066-10500. Serviced brake reservoir and wiped away residual hydraulic fluid. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Bottle weight 506.7 grams.

(Continued)

(page 1)

DATE AIRCRAFT TIME IN SERVICE

Installed new reefing line
manufacture date 05-20
Reefing Line Cutter
security. Wiped down
cowl rear seal P/N: 53
induction air filter
post seat installation
MCU cover and insp
corrosion noted. New
with Cirrus SA 13-
security and hinge p
action required. Co
inspecting the nose
defects noted. Nex
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INSPECTION RECORD
F.A.R. 43.11-91.409

13

KIND OF INSPECTION—STATUS & DISCREPANCY LIST

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

AIRCRAFT TIME
IN SERVICE

DATE

(Page 2)

Installed new reefing line cutters S/N: 6524 and S/N: 6587 as provided in Kit P/N: 25347-002, manufacture date 05-2014. New line reefing line cutters installed using Cirrus CMM as a guide. **Next Reefing Line Cutter replacement due May 2020.** Inspected CAPS system for component condition and security. Wiped down and inspected engine cowling. Cleaned affected areas and installed new lower right cowl rear seal P/N: 53722-063U. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due June 2015 or Flight Hobbs: 1124.3.** Performed AmSafe post seat installation check. **Complied with Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. **Next MCU corrosion inspection due June 2015 or Flight Hobbs: 1024.3.** **Complied with Cirrus SA 13-05 (Elevator Hine Pin Inspection)** by inspecting elevator hinges for condition and security and hinge pins for proper torque and safety per Service Advisory, no defects noted and no further action required. **Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Assembly Inspection)** by inspecting the nose landing gear assembly upper gusset plate for cracks as outlined in Service Bulletin, no defects noted. **Next nose landing gear inspection due June 2015 or Hobbs Time: 1024.3.** AD's checked through Biweekly 2014-11. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**



L. John Wells A&P 3221132 IA w/o 34429

BY LIST
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Time: 924.3
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INSPECTION RECORD
F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N7789T Cirrus SR-20 sn: 1989

June 12, 2014

Hobbs: 1076.6

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: June 12, 2014 on Garmin GTX-327 sn: 83733036 and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station on our Work Order No. AV-03188

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-03188

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

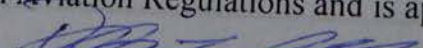
N7789T Cirrus SR-20 sn: 1989

June 12, 2014

Hobbs: 1076.6

United Instrument Altimeter 5934AD-3 sn: 467841 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO# 9539 dated June 12, 2014. See their 8130-3 issued this date. Avidyne PFD 700-00006-000 sn: 20160097 (R8.0.6) Altimeter has been tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-03188 dated June 12, 2014. See our 8130-3 issued this date. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-03188

INSPECTION RECORD

157

1. Approving Civil Aviation Authority/ Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE FAA Form 8130-3, AIRWORK
---	--

4. Organization Name and Address:
CENTENNIAL INSTRUMENTS, INC
7285 S. REVERE PARKWAY, SUITE 705. CENTENNIAL, CO 80112
303-662-0692, fax 303-662-0690, 800-662-0766

6. Item:	7. Description:	8. Part Number:	9.
1	ALTIMETER	5934AD-3	

12.. Remarks:
TESTED AND CERTIFIED IAW FAR 91.411, PART 43, APPENDIX

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

Approved design data and are in condition for safe operation

Non-approved design data specified in Block #1

1. Approving Civil Aviation Authority/Country:
FAA/United States

2.

AUTHORIZED RELEASE

FAA Form 8130-3, AIRWORK

4. Organization Name and Address:

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

6. Item:

7. Description:

8. Part Number:

9.

1

ELECTRONIC MODULE
ASSY DUAL/SINGLE SENSOR

508358-421

12. Remarks: DRAWING: 508358
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User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14)

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CEATING OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

1. Approving Civil Aviation Authority / Country: **FAA/UNITED STATES**
2. **AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **4394986**
5. Work Order/Contract/Invoice Number: **1409981**

6. Organization Name and Address:
**Cessna Aircraft Company (PC4)
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218**

7. Item	8. Description	9. Part Number	10. Quantity	11. Serial Number	12. Status/Work
11	TUBE 15X6.	097-500-0	1	N/A	New

12. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# INV-35993

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in block 12.
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work. the items are approved for return to service.

13b. Authorized Signature:


13c. Approval/Authorization No.:
ODA-100129-CE

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):
JOHNNY GLOVER

13e. Date (dd/mmm/yyyy):
29/OCT/2014

14d. Name (Typed or Printed):

14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

4394986
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SN/LOT: N/A
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13b. Authorized Sign
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INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION—STATUS & DISCREPANCY LIST
SIGNATURE—CERTIFYING OFFICER OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 4342732	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 1397382	
6. Item: 15	7. Description: TIRE 15X6.	8. Part Number: 156E66-4	9. Quantity: 1	10. Serial Number: 41802197	11. Status/Work: New

AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# INV-35735

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 12.

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

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

13b. Authorized Signature: <i>Marilyn K. Farber</i>		13c. Approval/Authorization No.: ODA-100129-CE	
13d. Name (Typed or Printed): MARILYN K. FARBER		13e. Date (dd/mmm/yyyy): 10/SEP/2014	
14b. Authorized Signature:		14c. Approval/Certificate No.:	
14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	

User/Installer Responsibilities
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

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INSPECTION RECORD
F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST
 SIGNATURE _____ CERTNO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

TIME
 SERVICE

1. Approving Civil Aviation Authority / Country:
FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
4399234

4. Organization Name and Address:
**Cessna Aircraft Company (PC4)
 Cessna Parts Distribution Dept. 702
 5800 E Pawnee, Wichita, KS 67218**

5. Work Order/Contract/Invoice Number:
1411093

6. Item: **8** 7. Description: **TIRE 15X6.** 8. Part Number: **156E66-4**

9. Quantity: **1** 10. Serial Number: **42812017**

11. Status/Work:
New

12. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# **INV-36017**

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in block 12.
 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:
Marilyn K. Farber

13c. Approval/Authorization No.:
ODA-100129-CE

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):
MARILYN K. FARBER

13e. Date (dd/mmm/yyyy):
01/NOV/2014

14d. Name (Typed or Printed):

14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

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INSPECTION RECORD
F.A.R. 43.11-91.409

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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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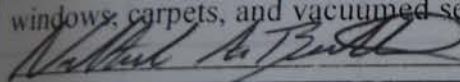
ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Log Entry

13 December 2014 Flight Hobbs: 1023.3 Hobbs Meter: 1188.0

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Installed new left and right main landing gear tires and balanced wheel assemblies. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. **Removed EMA controller due to life limit**, installed rebuilt unit P/N: 508358-421, S/N: RA29SEP14-2, see AMSAFE Inc. 8130.3 dated 29 Sept. 2014. **Next EMA controller change due September 2021. Complied with Cirrus SB 2X-32-19R3 (nose strut)** by visual inspection, no cracks or defects noted. Post inspection ground run-up and systems operational check satisfactory. Cleaned windows, carpets, and vacuumed seats.



Nathaniel Alan Beuthel A&P 3659835

w/o 35123

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

N7789T 5-24-15 Hobbs 1231.0
Changed #1 Battery with new Giff G-243 SN602867237
Ran up aircraft system checked normal.
APP 2837703
Rain Montgomery

Indiana's **IA** MONTGOMERY
Aviation, Inc.
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. MYNR748K

DATE

AIRCRAFT
IN SERVICE

12760 EAST
N7789T
25 June 2015
100 Hour/Annual
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INSPECTION RECORD
F.A.R. 43.11-91.409

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DISCREPANCY LIST
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SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 1080.3
Flight Hobbs: 1080.3 Hobbs Meter: 1252.0

25 June 2015 100 Hour/Annual Inspection completed this date using the Cirrus SR20 Maintenance Manual Inspection Form as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N7789T-6-18-15-1, dated 06-18-2015 on file. **ELT battery due February 2020. ELT remote arming switch battery due June 2019.** Performed Transient Voltage Suppressor Inspection by inspecting continuity of installed fuses, no defects noted. Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated no defects. Inspected and lubricated pilot's and co-pilot's cabin door latches and hinges. Synchronized co-pilot's cabin door latches, operational check satisfactory. Installed new left wing aft navigation light lamp. Cleaned and primed affected areas and reinstalled left wing lower wing to fuselage fairing using new Cirrus double-sided tape. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged #1 aircraft battery. Inspected #2 aircraft batteries for condition and security, static voltage 23.3 volts. Inspected nose gear strut for condition and security and checked nose wheel fork side tension. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Inspected main wheel brake disks, calipers and linings. Serviced brake reservoir. Completed composite repairs to nose pant forward cap. Removed filler cracks in nose pant. Applied new filler and contoured as needed. Primed, painted and polished nose pant. Applied new graphic overlays and AeroTect as needed. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Bottle weight 502.7 grams. Inspected CAPS system for component condition and security. Wiped down and inspected engine cowling. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due June 2016 or Flight Hobbs: 1280.3.**

(Page 1) (Continued)

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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

ARAPAHOE AERO

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

N7789T Cirrus SR20 S/N: 20-1989 Airframe Total Time: 1080.3
 25 June 2015 Flight Hobbs: 1080.3 Hobbs Meter: 1252.0

(Continued) (Page 2)

Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion and applying Corrosion Inhibitor per the (CMM), no corrosion noted. Next MCU corrosion inspection due June 2016 or Flight Hobbs: 1180.3. Complied with Cirrus SA13-09 (Avidyne SIL 606-00170-003) by inserting required notes into DFC90 Pilots Guide. Copy of this SIL placed into DFC90 supplements section in POH. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Assembly Inspection) by inspecting the nose landing gear assembly upper gusset plate for cracks as outlined in Service Bulletin, no defects noted. Next nose landing gear inspection due June 2016 or Hobbs Time: 1180.3. AD's checked through Biweekly 2015-12. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**



L. John Wells A&P 3221132 IA

w/o 35698

DATE	AIRCRAFT TIME IN SERVICE

MAKE: Cirrus
 MODEL: SR20
 S/N: 1989
 REG. NO: N7789T
 WORK ORDER: 200158

Airframe Entries

Performed aircraft air
 Replaced the air filter
 seals. Serviced and
 expiration date is F
 Technical Support:
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 SB2X-32-22 Nos
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Researched AD's
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DATE: 7/1/20

INSPECTION RECORD

F.A.R. 43.11-91.409

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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: SR20
S/N: 1989
REG. NO: N7789T
WORK ORDER: 200158



Clear Star Aviation

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

DATE: 7/1/2016
AC TSN: 1157.3
FLIGHTTIME: 1157.3

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals. Serviced and tested the #1 battery. Battery tested at 95%. Performed ELT operational test per FAR 91.207(d), battery expiration date is Feb 2020. Removed paint and EMM on damaged LH wing, just outboard of aileron. Installed new EMM per CDC Technical Support and refinished area. Lubricated door latches and adjusted door seal, and latches. Replaced bad stud and installed new back shell case on PFD connector. Tightened both sun visor studs behind door post trim. Complied with SB2X-52-08R2 Catcher/Diverter and Gas Strut Rod End Replacement. Complied with SB2X-28-12R1 Electric Fuel Pump Inspection. No problems noted at this time. Complied with SB 2X-32-19 R3 Nose Landing Gear Assembly Inspection and Reinforcement. Complied with SB2X-32-22 Nose Landing Gear Strut Assembly Inspection with no discrepancies noted at this time. Replaced both #2 batteries. Performed rudder trim tab adjustment per customer request.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/1/2016

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200158

Printed by EBis 3 (datcomedia.com)

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

MAKE: Cirrus
MODEL: SR20
S/N: 1989
REG. NO: N7789T
WORK ORDER: 200158



Clear Star Aviation

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

DATE: 7/1/2016
AC TSN: 1157.3
FLIGHTTIME: 1157.3

Avionics Entries

Performed tests and inspection as required by 14 CFR 91.217, 91.411, 91.413 in accordance with 14 CFR Part 43 Appendix E and F paragraph (c).

Avidyne PFD p/n 700-00006-000 s/n 20160097 Certified to 20K ft.

Standby ALT p/n 12731-002 s/n 467841 Certified to 20K ft.

Transponder p/n GTX-327 s/n 83733036 Certified to 20K ft

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/1/2016

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200158

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

23

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

SERVICE
DATE
2016
157.3
157.3

AIRCRAFT TIME
IN SERVICE

Sarasota Avionics/Maintenance Tampa (TPA) Airframe
845 Severn Ave. Tampa, Fl 33606
Tail No.: N7789T Cirrus:SR20 Serial Number:1989
Date:7/21/17 Work Order: M359
Tach:1272.3 AFTT:1471.2



Opened all access panels. Checked all lights. Lubed all hinge points. ELT inspection c/w IAW FAR91.207d. ELT battery due 02/2020. IFR due 07/2018. Service all tires. Repacked all wheel bearings. C/W MCU corrosion inspection. C/W SB2X-32-19R nose gear inspection. Replace induction filter. Performed ground op/leak check noting no discrepancies. All AD's through 7/21/2017 checked and complied with.

I certify all work done to the aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

Wayne E. Childers Jackson A&P34401601A



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

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N7789T/Cirrus/SR20/Serial Number:1989
Date: 8/14/2017 Work Order: 21340
Hobbs: 1471.7



Removed failed Avidyne EXP5000 PFD PN: 700-00006-000 SN: 20160097 and replaced with exchanged EXP5000 PFD PN:700-00006-000 SN: 20740176. R&R completed IAW Cirrus AMM Rev B7 Chapter 31-60.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

A handwritten signature in black ink, appearing to be "JBS", is written over a horizontal line.

for Sarasota Avionics Tampa, QV0D957X