

CIRRUS SR20 N77ZX

AIRCRAFT LOG
AF5-1

Aircraft Log TABLE OF CONTENTS

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	AIRCRAFT DESCRIPTION	i
2nd SECTION	INSTALLED EQUIPMENT	1
3rd SECTION	MAJOR ALTERATIONS	3
4th SECTION	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS	5
5th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD	9
6th SECTION	ALTIMETER & STATIC SYSTEM CHECKS [FAR 91.411]	17
7th SECTION	RADIO AND ELECTRONIC CHECKS	19
8th SECTION	MAINTENANCE RECORD [FAR 43.9]	29
9th SECTION	INSPECTION RECORD [FAR 43.11-91.409]	43

Aero Products Corporation

Copyright 1975 All Rights Reserved

AIRCRAFT DESCRIPTION

MANUFACTURER CIRIUS DESIGN MODEL SR-20 DATE OF MFG. FEB 2003
SERIAL NUMBER 1299 REGISTRATION NUMBER N772X

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	T0360ES6B	R 357559 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER	PHC-331F-1RF	FP2087B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

1

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE			R
ENGINE			L
PROPELLER			R
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

2

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

3

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
Life Limited Parts SR20							
PART NAME	PART NUMBER			EXPIRES			
CAPS Rocket Motor	15047-001	S/N 00761		12-02-12			
CAPS Parachute	15046-001	S/N 03501		12-2012			
CAPS Reefing Line Cutters	5212	T05026-002 LOT-010		12-13-08	12-11-14		
ELT Batteries	MN1300	Date Installed 01-23-03		03-2009	3-12		

MAKE: Cirrus
MODEL: SR20
S/N: 1299
REG. NO: N77ZX
WORK ORDER: 113603

Clear Star Aviation

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

DATE: 12/21/2012
A/C TSN: 1244.4
HOBBS: 1244.4

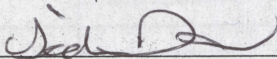
Airframe Entries

Removed CAPS parachute assembly S/N 03501 and rocket assembly S/N 00761. Installed CAPS parachute P/N 15046-001S, S/N 00213R after being rebuilt by Cirrus Design, see work order 451611 dated 10/2012. Next parachute repack due 10/2022. Reinstalled removed CAPS line cutters which were manufactured 11/2008 which expire 11/2014. Installed new rocket assembly P/N 26601-001, S/N 1144. Rocket assembly was manufactured 11/2012 which expires 11/2022. Touched up paint due to CAPS cover replacement and installed new CAPS placards. Complied with SB 2X-95-13. Replaced the #3 CHT probe P/N 14880-001.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 12/21/2012

SIGNED:

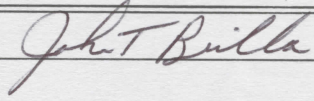



Work Order: 113603

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

AGENCY CERT. NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
			2/22/03 3.4 hrs	Searched AD's through bi-weekly issue <u>2003-03</u> . All AD's are in compliance at this time.			 

MAKE: Cirrus
 MODEL: SR 20
 S/N: 1299
 REG. NO: N77ZX
 WORK ORDER:
 1883-04-2011



Houston Aviation Center, LLC
 12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498
 Phone: 281-494-5800

DATE: 7/1/2011
 A/C TSN: 1121.4
 HOBBS: 1121.4

AD Entries

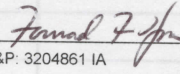
Researched all AD's and Mandatory Service Bulletins thru BW 2011-14. Valve Hydraulic Lifter AD 2010-11-04 is N/A by affected lifters were not installed after June 19, 2009

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 1883-04-2011.

DATE: 7/1/2011

SIGNED:



Fouad Hussain, A&P: 3204861 IA

Work Order: 1883-04-2011

Printed by EBis 3 (datcomedia.com)

NATURE E NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

11

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

12

AIRWORTHINESS DIRECTIVE /FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

14

COMPLIANCE RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

SIGNATURE DATE NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

15

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

DATE
SIGNATURE
LICATE NO.

DATE 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 43-6A.

TESTED TO 17,500 FEET ON 1-23-03

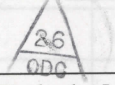
Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83712324

Encoder: Model ACK P/N A-30 S/N 82391

Altimeter: Mfg United P/N 12731-001

S/N 429279

CDC Quality Assurance  on 01/23/03

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

77ZX **Transponder/Encoder Biennial 91.413 Certification**
 This aircrafts Altimeter system and Altitude Reporting Equipment have been inspected and tested in accordance with FAR43 appendix E(C)

PILOT ALT. P/N 129279 S/N 18000 Tested to: 18000
 ENCODER P/N A-30 S/N 82391 Tested to: 19000

The Aircrafts ATC Transponder System has been inspected and tested (CW FAR 43 Appendix F to comply with 91.413)

TRANSPONDER GARMIN P/N GTX 327 S/N 83712324
 W.O.# 703061165 Date: 3/6/07 Hours: 612.3

INSPECTOR: Lem Dehues
Front Range Transponder Svc
 1990 Roland Dr., Bailey, Co 80421
 303-908-9276 CRS F429379Y



U.S. Department
of Transportation
**Federal Aviation
Administration**

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000.00 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make CIRRUS	Model SR20
	Serial No. 1299	Nationality and Registration Mark N77ZX
2. Owner	Name (As shown on registration certificate) SHANE, GARY	Address (As shown on registration certificate) GARY SHANE FARMS 33481 HWY 194 LA JUNTA, CO 81050

3. For FAA Use Only

The data herein complies with the applicable airworthiness requirements and is approved for the descibed aircraft subject to conformity inspection by a person authorized by FAR Part 43 Section 43.7. The person performing this work must determine interrelationship with any previous modification or repair.

DATE: 9-13-06 Signature: NM-03

4. Unit Identification

Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Arapahoe Aero Avionics, Inc. 12780 E Control Tower Road, Bo Centennial Airport Englewood, CO 80112	<input type="checkbox"/> U.S. Certificated Mechanic	ZL6R006Y
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 9/13/2006	Signature of Authorized Individual Debbie L. Paschky
--------------------------	----------------------------------------------------------------

7. Approval For Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector		Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 9/13/2006		Certificate or Designation No. ZL6R006Y		Signature of Authorized Individual Debbie L. Paschky	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished.

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Aircraft is Cirrus SR-22 sn: 1299. Hobbs time is 583.0 hours.

GARMIN GNS 430 pn: 011-00280-10 sn: 97112391

Installed Terrain Upgrade per GARMIN Service Bulletin No. 0532 Revision B.

An FAA Approved Flight Manual Supplement (Garmin pn: 190-00140-14 dated April 10, 2006) has been added to aircraft's Pilot's Operating Handbook and remains with the aircraft.

GARMIN Pilot's Guide Addendum pn: 190-00140-13 Rev. G has been added to the aircraft's records and remains with the aircraft. As described in the FAA Approved FMS Addendum, the pilot of flight crew must refer to this Addendum for operational procedures for use of the Terrain functionality.

Performed Post Installation Checkout Procedure per GARMIN GNS 430 Installation Manual pn: 190-00140-02 Rev. Q.

Performed functional ground test and operational flight check shall be accomplished in accordance with 14 CFR Part 91, Section 91.407(b). No interference from other equipment systems noted.

Refer to the Instructions for Continued Airworthiness (ICA) included within Appendix A of the GNS 430 Installation Manual.

Log book entry made this date

Additional Sheets are Attached

APPROVED BY:
CY CERT. NO.

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
2-25-03	3.5	WOR 1	Designated GND (DLH)	+/- 1°	3-27-03	<i>[Signature]</i> 522470223

Encoder inop

Verified encoder inop. Removed ACK A-30 S/N 82391 and installed TCI encoder P/N SSD120-30A S/N A71009 in accordance with TCI document number 881000 Rev. D, dated August 8, 2006 and AC43.13-2A Chapter 2 Paragraphs 21, 22, 23 and 27. Ground checks good.

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W02623

Signature

Date

Sunrise Mountain Avionics
2830 N. Rancho Dr., Suite A
Las Vegas, Nv. 89130
Repair Station SMCR379X

[Signature] 1-15-08

I certify that the Altimeter, Automatic altitude reporting, Static systems and ATC Transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.

The altimeter(s) were tested to 30,000 feet.

Sunrise Mountain Avionics

Repair Station SMCR379X WO No. W02623

Inspector

Date

[Signature]

1-15-08

Sunrise Mountain Avionics
 2830 No. Rancho Drive
 Suite A
 Las Vegas, Nv. 89130
 Repair Station SMCR379X

Altimeter System Test

WO

W02623

Altitude Feet	Altimeter Reading		Tolerance +/- Feet	Friction		Tolerance +/- Feet	Altitude Encoder Reading		Tolerance +/- Feet
	Left	Right		Left	Right		# 1	# 2	
-1,000	-980	/	20	N/A	N/A	-1.0	/	125	
0	20	/	20	N/A	N/A	0.0	/	125	
500	500	/	20	N/A	N/A	0.5	/	125	
1,000	1000	/	20	20	N/A	1.0	/	125	
1,500	1500	N/A	25	N/A	N/A	1.5	N/A	125	
2,000	2020	/	30	10	N/A	2.0	/	125	
3,000	3020	/	30	20	N/A	3.0	/	125	
4,000	4020	/	35	N/A	N/A	4.0	/	125	
5,000	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	
6,000	6010	/	40	N/A	N/A	6.0	/	125	
8,000	8000	/	60	N/A	N/A	8.0	/	125	
10,000	10010	N/A	80	20	N/A	10.0	N/A	125	
12,000	12020	/	90	N/A	N/A	12.0	/	125	
14,000	14020	/	100	N/A	N/A	14.0	/	125	
15,000	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	
16,000	16040	/	110	N/A	N/A	16.0	/	125	
18,000	18040	/	120	N/A	N/A	18.0	/	125	
20,000	20100	/	130	20	N/A	20.0	/	125	
22,000	/	/	140	N/A	N/A	/	/	125	
25,000	/	N/A	155	/	/	/	/	125	
30,000	N/A	/	180	N/A	N/A	/	/	125	
35,000	/	/	205	/	/	/	/	125	
40,000	/	/	230	/	/	/	/	125	
45,000	/	/	255	N/A	N/A	/	/	125	
50,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Hysteresis	Test Point	Feet		Tolerance
		Left	Right	
	50%	-10	N/A	+/- 75 Feet
	40%	0	N/A	+/- 75 Feet

After Effect	Feet		Tolerance
	Left	Right	
	0	N/A	+/- 30 Feet

Altimeter Case Leak	Test Point	FPM		Tolerance
		Left	Right	
	18,000	0	N/A	+/- 100 FPM

System Leak	FPM		Tolerance
	Left	Right	
Unpressurized	80	N/A	100 FPM with 1000 differential
Pressurized	N/A	N/A	2% at Max Cabin differential

Barometric Scale Error			Tolerance +/- 25 Feet		
Pressure Ins of Hg	Altitude Difference	Error Feet L R	Pressure Ins of Hg	Altitude Difference	Error Feet L R
28.10	-1,727	0 N/A	29.92	0	0 N/A
28.50	-1,340	0 N/A	30.50	+ 531	+10 N/A
29.00	- 863	0 N/A	30.90	+ 893	0 N/A
29.50	- 392	0 N/A	30.99	+ 974	+10 N/A

Performed by L Brawley Date 1-15-08
 Inspected by L Brawley Date 1-15-08

Revision Original

AST-001

SOLAPP AVIONICS INC. CRS OSJR598L

12888 HIGHWAY 6 S. STE 105
SUGAR LAND, TEXAS 77498
PHONE 281-242-1133
FAX 281-242-1215

PRELIMINARY PROGRESSIVE
HIDDEN FINAL

WORK ORDER
18750

CKT	QTY	DESCRIPTION	PRICE	TOTAL	NAME	JEFF CLARKE	DATE IN	10-11-11	FARS		PAGE
	2	RD142 MALE P/N:5225395-6	\$33.55	\$67.10	ADDRESS	3318 WINNSBORO CT	ACFT. #	N77ZX	S/N	1299	
					CITY	SUGAR LAND, TX 77478-4240	MFG.	CIRRUS	MODEL	SR20	
					PHONE	832-425-8277	TAX	T	WARRANTY		

DESCRIPTION OF WORK PERFORMED

1. COM RADIO #2 IS SET OFF ELT ON TRANSMITT. CHECKED AND FOUND THE COAX HAD A SPLIT AND THE ANTENNA WAS LOOSE AND NOT MAKING GOOD CONTACT WITH THE GROUND PLANE. CLEANED AND TIGHTENED THE ANTENNA. MADE NEW COAX.
1.5HRS

\$120.00

TOTAL PARTS \$67.10

"The limited warranties applying to the parts listed hereon are those which may be offered by the manufacturer. We hereby expressly disclaim all warranties, either expressed or implied, including any implied warranties of the merchantability or fitness for a particular purpose and neither assume, nor authorize any other person to assume for the company any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the company any consequential damages to property, damages for loss of use, loss of time, loss of profits or income, or any other incidental damages."

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanics lien is hereby acknowledged on this aircraft to secure the amount of the repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other causes beyond your control. If it becomes necessary for you to employ a collection agency and/or an attorney to collect the amount, the undersigned agree to pay all court costs plus a reasonable attorney's fee and a collection agency fee.

OWNERS SIGNATURE

ACCEPTANCE OF REPAIRED PLANE: At the time of delivery of said aircraft, the undersigned has read and examined all notations in the "Remarks and Recommendations" and accepts the same as modification of the repair and service work originally ordered as set forth herein above, hereby ratifying the same. This repair service except as modified.
OWNER'S SIGNATURE

The appliance and/or aircraft identified above was repaired, installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service.
INSPECTED AND RELEASED BY:

DATE: 10-11-11

TOTAL INSIDE LABOR	\$120.00
TOTAL PARTS *	\$67.10
TOTAL OUTSIDE LABOR	\$0.00
TOTAL FREIGHT *	
DEPOSIT	
TAX *	\$5.54
WORK ORDER TOTAL	\$192.64

SOLAPP AVIONICS INC. CRS OSJR598L

12888 HIGHWAY 6 S. STE 105
SUGAR LAND, TEXAS 77498
PHONE 281-242-1133
FAX 281-242-1215

PRELIMINARY PROGRESSIVE

HIDDEN FINAL

WORK ORDER
19017

NAME	JEFF CLARKE	DATE IN	3/9/12	FARS	
ADDRESS	3318 WINNSBORO CT	ACFT. #	N77ZX	S/N	
CITY	SUGAR LAND, TX 77478	MFG.		MODEL	
PHONE	832-425-8277	TAX	T	WARRANTY	

PAGE

DESCRIPTION OF WORK PERFORMED

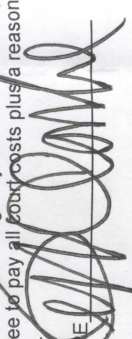
1 GNS430 P/N 011-00280-10 S/N 97112391 REMOVED. COM TRANSMIT OUTPUT HAS HUM IN BACKGROUND. THE UNIT GENERATES RF WITHOUT TRANSMITTING. PUTTING A HANDHELD RADIO NEAR UNIT CAUSES THE HANHELD TO BREAK SQUELCH WHEN UNITS WERE SET TO 122.75. SENT UNIT FOR REPAIR.
FREIGHT OUT/IN NEXT DAY \$81.44/ \$92.31
OUTSIDE LABOR: \$800.00
ALL HARDWARE AND MAIN & GPS SOFTWARES ARE AT LATEST REVISIONS.
UNIT ALIGNED FOR OPTIMUM PERFORMANCE.
RECORDED CONFIGURATION OF GNS430 AND CONFIRMED THE ORIGINAL CONFIGURATION ON THE REPAIRED UNIT.
LABOR: \$80.00

TOTAL PARTS \$0.00

"The limited warranties applying to the parts listed hereon are those which may be offered by the manufacturer. We hereby expressly disclaim all warranties, either expressed or implied, including any implied warranties of the merchantability or fitness for a particular purpose and neither assume, nor authorize any other person to assume for the company any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the company any consequential damages to property, damages for loss of use, loss of time, loss of profits or income, or any other incidental damages."

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. an express mechanics lien is hereby acknowledged on this aircraft to secure the amount of the repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other causes beyond your control. If it becomes necessary for you to employ a collection agency and or an attorney to collect this account, I the undersigned agree to pay all such costs plus a reasonable attorney's fee and/or collection agency fee.

OWNERS SIGNATURE



ACCEPTANCE OF REPAIRED PLANE: At the time of delivery of said aircraft, the undersigned has read and examined all notations in the "Remarks and Recommendations" and accepts the same as modification of the repair and sees the work originally ordered as set forth herein above, hereby certifying the original repair service except as modified.
OWNER'S SIGNATURE

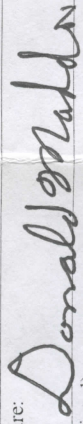
The appliance and/or aircraft identified above was repaired, installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service.
INSPECTED AND RELEASED BY:

DATE: 3-19-12

TOTAL INSIDE LABOR	\$80.00
TOTAL PARTS *	\$0.00
TOTAL OUTSIDE LABOR	\$800.00
TOTAL FREIGHT *	\$173.75
TAX *	\$14.33
WORK ORDER TOTAL	\$1,068.08

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority Country: FAA/UNITED STATES	2. System Tracking Ref. No. RMA 39868936		
4. Organization: GARMIN International, 1200 E 151st Olathe, KS 66062	Certificate No. G6XR582Y		
6. Item: 7. Description: 1. GNS430	8. Part Number: 0111-00280-10	9. Eligibility: * N/A	10. Quantity: 1 11. Serial/Batch Number: 97112391
12. Status/Work: REPAIRED			
13. REMARKS: Unit meets operational performance specifications. Replaced lens for cosmetics. Confirmed all applicable hardware modifications are installed. Aligned unit for optimum performance. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to return to Service. The Main and GPS softwares are at the latest revision. This unit complies with Service Bulletins No. 9906, 9907, 9908, 0003, 0004, 0007, 0009, 0011, 0014, 0016, 0020, 0021, 0022, 0105, 0107, 0116, 0201, 0204, 0205, 0216, 0218, 0334, 0308, 0309, 0502, 0515, 0521, 0706, and 0844. It is the responsibility of the Installer to verify that the installation complies with the previous listed Service Bulletins. If this unit is part of a dual unit installation Garmin recommends that both units have the same software levels. It is the responsibility of the installer to assess installation compatibility. This unit complies with MOD 1 per Garmin's Service Bulletin No. 0019 This unit complies with MOD 2 per Garmin's Service Bulletin No. 0101 This unit complies with MOD 3 per Garmin's Service Bulletin No. 0203B This unit complies with MOD 4 per Garmin's Service Bulletin No. 0207 This unit complies with MOD 5 per Garmin's Service Bulletin No. 0211 This unit complies with MOD 7 per Garmin's Service Bulletin No. 0532 and 0608			
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 the component is ready for release to service under EASA Part-145 Approval Number: EASA.145.5534". The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev. AF, Revision Date 9/9/2011. Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information.			
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 13			
15. Authorized Signature N / A	16. Approval/Authorization No.: N / A	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 13	20. Authorized Signature: 
17. Name (Typed or Printed) N / A	22. Date (m/d/y) N / A	21. Approval/Certificate No.: G6XR582Y	23. Date (m/d/y) Mar 13 2012
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 block 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.			

SOLAPP AVIONICS INC. CRS OSJR598L

12888 HIGHWAY 6 S. STE 105
SUGAR LAND, TEXAS 77498

PHONE 281-242-1133
FAX 281-242-1215

PRELIMINARY PROGRESSIVE

HIDDEN FINAL

WORK ORDER
19386

CKT	QTY	DESCRIPTION	PRICE	TOTAL	NAME	JEFF CLARKE	DATE IN	9/13/12	FARS	PAGE
	1	LITHIUM BATTERY	\$19.00	\$19.00	ADDRESS	3318 WINNSBORO CT	ACFT. #	N77ZX	S/N	1289
					CITY	SUGAR LAND, TX 77478	MFG.	CIRRUS	MODEL	SR20
					PHONE	832-425-8277	TAX	T	WARRANTY	

1. GNC420 PA0011-00506-10 S/N97202291 WAS REMOVED
REPLACED INTERNAL BATTERY AND CHECKED OPERATION. OPERATIONS NORMAL.
LABOR: \$80.00

DESCRIPTION OF WORK PERFORMED


The limited warranties applying to the parts listed hereon are those which may be offered by the manufacturer. We hereby expressly disclaim all warranties, either expressed or implied, including any implied warranties of the merchantability or fitness for a particular purpose and neither assume, nor authorize any other person to assume for the company any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the company any consequential damages to property, damages for loss of use, loss of time, loss of profits or income, or any other incidental damages.

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanics lien is hereby acknowledged on this aircraft to secure the amount of the repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other causes beyond your control. If it becomes necessary for you to employ a collection agency and/or an attorney to collect this account, I the undersigned agree to pay all court costs plus a reasonable attorney's fee and/or collection agency fee.

OWNERS SIGNATURE 

ACCEPTANCE OF REPAIRED PLANE: At the time of delivery of said aircraft, the undersigned has read and examined all rotations in the "Remarks and Recommendations" and accepts the same as modification of the repair and service work originally ordered as set forth herein above, hereby ratifying the original repair service except as modified.

OWNER'S SIGNATURE 

The appliance and/or aircraft identified above was repaired, installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service.
INSPECTED AND RELEASED BY: 
DATE: 9/18/12

TOTAL INSIDE LABOR	\$80.00
TOTAL PARTS *	\$19.00
TOTAL OUTSIDE LABOR	\$0.00
TOTAL FREIGHT *	\$0.00
TAX *	\$1.57
WORK ORDER TOTAL	\$100.57

SOLAPP AVIONICS INC. CRS OSJR598L

12888 HIGHWAY 6 S. STE 105
SUGAR LAND, TEXAS 77498

PHONE 281-242-1133
FAX 281-242-1215

PRELIMINARY PROGRESSIVE

HIDDEN FINAL

WORK ORDER
19790

CKT	QTY	DESCRIPTION	PRICE	TOTAL	DATE IN	FARS	PAGE
					4/30/13	S/N	1299
					N77ZX	MODEL	SR20
					CIRRUS	WARRANTY	
					T		

DESCRIPTION OF WORK PERFORMED

1. FAR'S
ALTIMETER 5934
TRANSPONDER GTX327
ENCODER SSD120-30N

I CERTIFY THAT THE TRANSPONDER IN THIS AIRCRAFT HAS BEEN TESTED AND MEETS THE REQUIREMENTS OF FAR 91.413 AND FAR 43- APPENDIX F.
I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM AND ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED AND MEET THE REQUIREMENTS OF FAR 91.411 AND FAR 43 -APPENDIX E.
THE ALTIMETER HAS BEEN TESTED TO 20,000 FT.
CERTIFICATION:

\$250.00

TOTAL PARTS \$0.00

"The limited warranties applying to the parts listed hereon are those which may be offered by the manufacturer. We hereby expressly disclaim all warranties, either expressed or implied, including any implied warranties of the merchantability or fitness for a particular purpose and neither assume, nor authorize any other person to assume for the company any liability in connection with the sale of this part(s) and/or service. buyer shall not be entitled to recover from the company any consequential damages to property, damages for loss of use, loss of time, loss of profits or income, or any other incidental damages."

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. an express mechanics lien is hereby acknowledged on this aircraft to secure the amount of the repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other causes beyond your control. If it becomes necessary for you to employ a collection agency and or an attorney to collect this account, I the under signed agree to pay all court costs plus a reasonable attorney's fee and/or collection agency fee.

OWNERS SIGNATURE _____

ACCEPTANCE OF REPAIRED PLANE: At the time of delivery of said aircraft, the undersigned has read and examined all notations in the "Remarks and Recommendations" and accepts the same as modification of the repair and service work originally ordered as set forth herein above, hereby ratifying the original repair service except as modified.

OWNER'S SIGNATURE _____

The appliance and/or aircraft identified above was repaired, installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service.
INSPECTED AND RELEASED BY: *[Signature]*

DATE: 4-30-13

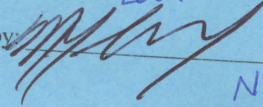
TOTAL INSIDE LABOR	\$250.00
TOTAL PARTS *	\$0.00
TOTAL OUTSIDE LABOR	\$0.00
TOTAL FREIGHT *	
TAX *	\$0.00
WORK ORDER TOTAL	\$250.00

SOLAPP AVIONICS INC.
Altimeter scale
Correction Card

CRS #OSJR598L

Altimeter S/N
Part No. 5934

ALT.FT.	READS	ALT.FT.	READS	ALT.FT.	READS
-1000	-1005	6000	5985	22000	/
0	000	8000	7980	25000	
500	500	10000	9980	30000	
1000	1000	12000	11985	35000	
1500	1505	14000	14000	40000	
2000	2005	16000	16040	45000	
3000	3005	18000	18055	50000	
4000	4005	20000	20095		

Inspected and released by: 

Date: 4/30/13

N T T X

ED BY:
CERT. NO.

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
------	------------	-------------------	---------------	------------------	----------------	-----------------------------------

I certify that the altimeter static systems and altitude reporting equipment were tested and meet the requirements of FAR 91.411 and FAR 43 Appendix E.

Altimeter tested to 20,000 feet.

Signed [Signature] Date: 4/30/13
Work Order Number 19790

SOLAPP AVIONICS INC. CRS OSJR598L
SUGAR LAND MUNICIPAL AIRPORT
12888 Highway 6 S.
Sugar Land, TX 77498

I certify that the transponder in this aircraft has been tested and meets the requirements of FAR 91.413 and FAR 43- Appendix F.

Signed _____ Date: 4/30/13

Work Order Number 19790

SOLAPP AVIONICS INC. CRS OSJR598L
SUGAR LAND MUNICIPAL AIRPORT
12888 Highway 6 S.
Sugar Land, TX 77498 N772X

MAINTENANCE RECORD

F.A.R. 43.9

ED BY:
- CERT. NO.

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE



LOG BOOK ENTRY

DATE: 2/25/2003

MAKE: CIRRUS TOTAL TIME: 4.1 N#: N77ZX
MODEL: SR20 HOBBS TIME: 4.1 S/N: 1299

Touched up various paint chips and scratches IAW cirrus mm 51-30. Cleaned interior and windows IAW cirrus mm 12-20.

The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under.

WO#: 022503-01 SIGNED

Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

25 September 2003

Hobbs: 0080.3

Aircraft Total Time: 0080.3

Removed both brake calipers and cleaned pins and guide. Lubricated as needed and reassembled. Adjusted aft rudder rod allow for centering of rudder in neutral position. **Complied with Cirrus SB 2X-57-04 (aileron hinge inspection)** by inspection of outboard aileron hinge brackets for proper bolt engagement and clamp up. No defects noted. Cleaned windows and vacuumed interior. END.

L. John Wells A&P523116767

w/o 20002

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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

07 October 2003

Hobbs: 0081.1

Aircraft Total Time: 0081.1

Adjusted rudder neutral position as needed and safetied. Flipped main tires on wheels for improved wear. Balanced both tires as needed. **Complied with Cirrus SB 2X-34-05 (transponder antenna grounding plane)** by installation of antenna grounding plane per manufactures instructions. END.

L. John Wells

L. John Wells A&P523116767

w/o 20005

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

21 October 2003

Hobbs: 0095.8

Aircraft Total Time: 0095.8

Installed 3 ea. 10492-002 shims to left landing gear to adjust for negative camber. Flipped previously installed 10492-001 shim to adjust for toe-out condition. Installed 2 ea. 10492-002 shims to right landing gear to adjust for negative camber. Installed new Hobbs Meter. Note: new Hobbs Meter was run forward on test bench to match actual Aircraft Total Time. No adjustment to Aircraft time required. End.

L. John Wells

L. John Wells A&P523116767

w/o 20041

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

19 November 2003

Hobbs: 0111.6

Aircraft Total Time: 0111.6

Installed new Michelin 15-6.00X6 main tires. Wheels assembled using original tubes and hardware. Balanced tires as needed. Reinstalled using new safeties. **Complied with Cirrus SB 2X-25-05 (seat belt plugs)** by installation of 16 ea. seat belt plugs per AmSafe SB 504491-25-01. END.

L. John Wells

L. John Wells A&P523116767

w/o 20041

MAINTENANCE RECORD

F.A.R. 43.9

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

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

06 February 2004

Hobbs: 0181.8

Aircraft Total Time: 0181.8

100 Hour / Annual Inspection completed this date using the Cirrus SR20 inspection form as a guide. ELT tested in accordance with FAR 91.207(d). No defects noted. **ELT battery expires March 2009.** Repaired crack in right side of fuselage adjacent to the upper forward corner of the "N" number by removing old filler and applying new material. Painted with PPG Cirrus Base White polyurethane. Blended and Polished as needed. Adjusted elevator cable tension as required and installed new safety clips. Installed new right inboard flap hinge fairing. Secured pitch trim bellcrank on trim motor shaft. Tightened jam nut on forward rudder control arm rod end at aft bellcrank. Reattached outboard edge of left wing fairing as needed. Installed new grommets around Nav Antenna in upper vertical stabilizer. Reattached support block for middle fairing on left main gear strut. Set nose fork side tension to 19 lbs and installed new safety. Installed all new brake pads. Installed new battery cradle on firewall. Installed new Sandel HSI lamp. Reset lamp timer to 000.00. Cleaned aircraft belly. Serviced and charged aircraft battery. Cleaned and resealed fuel strainer. Cleaned all windows. Vacuumed interior. **Complied with Cirrus SB 2X-95-07 (CAPS Placard Installation)** by application of CAPS warning placard on upper access cover at station 222 bulkhead. AD's checked through bi-weekly 2004-01. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END.**

L. John Wells

L. John Wells A&P5231167671A

w/o 20371

MAINTENANCE RECORD

F.A.R. 43.9

CO

TE NO.
D TO SERVICE

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

04 May 2004

Hobbs: 0220.2

Aircraft Total Time: 0220.2

Installed new pitch trim relays (2 ea.). Pitch trim operational check satisfactory. Installed new right inboard flap hinge fairing using original hardware and new tape and safety. Secured left main wheel pant as needed.

L. John Wells

L. John Wells A&P523116767

20675

ARAPAHOE AERO

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

N77ZX

Cirrus

SR20

S/N: 1299

24 September 2004

Hobbs: 0277.9

Aircraft Total Time: 0277.9

Installed new pitch trim motor assembly. Travels found to be within limits. Installed new left inboard flap hinge fairing using original hardware and new tape and safety. **Complied with Cirrus SA 04-02 (SIU noise filters)** by installation of 2 ea. noise filters per Avidyne SB22. **Complied with Cirrus SB 2X-24-03 (MCU sealing)** by applying RTV 106 to required areas of firewall mounted MCU. **Complied with Cirrus SB 2X-25-05R1 (seat belt plugs)** by removal of previously installed black plugs and installation of new tan colored plugs. **Complied with Cirrus SB 2X-25-06R1 (crew seat recline locks)** by installation of improved recline locks and verification of proper break-over pin alignment. **Complied with Cirrus SB 2X-25-08R1 (break-over bolt adjustment)** by adjustment of all break-over bolts (4 ea.) to required .058" protrusion past fork assembly. **Complied with Cirrus SB 2X-27-08R1 (trim cartridge modification / lubrication)** by installation of sealed roll trim cartridge and lubrication and plug installation of pitch trim cartridge. **Cirrus SB 2X-32-08R1 (brake line inspection)** N/A by strut fairing design. **Complied with Cirrus SB 2X-34-08 (OAT ground wire)** by installation of engine monitor OAT probe ground wire. **Complied with Cirrus SB 2X-55-10 (horizontal stabilizer close out)** by application of transparent tape over each stabilizer inspection hole (4 ea.). END.

L. John Wells

L. John Wells A&P523116767

w/o 21215

MAINTENANCE RECORD

F.A.R. 43.9

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

ARAPAHOE AERO

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

N77ZX Cirrus SR20 S/N: 1299 Airframe Log Entry

24 September 2004 Hobbs: 277.9

Removed original pitch trim motor. Installed factory new assembly-operational check satisfactory.
 Removed and installed new left inboard flap hinge fairing. Tightened and resafetied lower rudder hinge installation hardware. **Complied with Avidyne Service Bulletin No. SB 22** by installing Cirrus SIU Filter Kit as outlined in Service Bulletin. **Complied with the following Cirrus Service Bulletins: SB 2X-24-03 (MCU sealing)** complied with by sealing MCU using RTV as outlined in Service Bulletin. **SB 2X-25-05 R1 (seat belt plugs)** complied with by removing previously installed black plugs and installing new tan seat belt plugs as outlined in Service Bulletin. **SB 2X-25-06 R1 (seat recline locks)** complied with by removing and installing new recline locks and verified length of locking pin assemblies and outlined in Service Bulletin- no adjustments were required. **SB 2X-25-08 (brake over bolt adjustment)** complied with by adjustment of all break over bolts (four each) to the specified .058 inch protrusion past fork assembly as outlined in Service Bulletin. **SB 2X-27-08 R1 (trim cartridge modification)** complied with by installing improved roll trim cartridge in left wing and the lubrication and plug installation in pitch trim cartridge as outlined in Service Bulletin. **SB 2X-32-08 R1 (brake line inspection)** not applicable by hinge pin type of landing gear fairings installed. **SB 2X-34-08 (OAT ground wire)** complied with by installing ground wire as outlined in Service Bulletin. **SB 2X-55-10 (horizontal stabilizer close out)** complied with by application of transparent tape to stabilizer inspection holes as outlined in Service Bulletin. Cleaned wind screen and cabin windows and vacuumed interior. Serviced nose and main landing gear tires to specified pressure. Adjusted and resafetied propeller governor setting-operational check of adjustment satisfactory.

L. John Wells

L. John Wells A&P 523116767

w/o: 21215

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

TIFICATE NO.
TURNED TO SERV

ARAPAHOE AERO

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

N77ZX Cirrus SR20 S/N: 1299 Aircraft Total Time: 314.0

24 November 2004 Hobbs: 314.0

Installed a new throttle cable. Pressure lubed the mixture control cable. **Complied with Cirrus SB 2X-28-03 (fuel selector shaft sleeve extension)** by installing 70097-001 kit per service instructions.

[Signature]
Scott L. Utz A&P523021803

ARAPAHOE AERO

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

N77ZX Cirrus SR20 S/N: 1299

03 February 2005 Hobbs: 0381.5 Aircraft Total Time: 0381.5

Removed STec auto pilot to facilitate replacement of control knob universal joint. Reinstalled unit using original hardware. Leveled aircraft and adjusted auto pilot level as needed. Operational check of auto pilot systems satisfactory. END.

[Signature]
L. John Wells A&P523116767

w/o 21641

MAINTENANCE RECORD

F.A.R. 43.9

CERTIFICATE NO. RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N77ZX Cirrus SR20 S/N: 1299 28 February 2005 Hobbs: 0354.2 Aircraft Total Time: 0354.2 100 Hour / Annual Inspection completed this date using the Cirrus SR20 inspection form as a guide. ELT tested in accordance with FAR 91.207(d). No defects noted. ELT battery expires March 2009. Cleaned aircraft belly. Serviced and charged aircraft battery. Cleaned and resealed fuel strainer. Installed new energy absorption module in pilot seat. Reattached left main strut fairing bonding block. Installed new VOR antenna grommets as needed. Removed S-Tec altitude transducer, P/N: 0111, S/N: 20726A. Installed factory new unit, S/N: 0451-32865AA. Installed new OAT / Clock battery. Installed new #2 aircraft batteries (2 ea.). Checked pitot system for obstructions. No defects noted. Cleaned all windows. Vacuumed interior. Complied with Cirrus SB 2X-25-07 R2 (dual reel seat belts) by removal of original single reel belts in crew seats, installation of improved dual reel system and modification of seats as required to relocate attach points forward. Complied with Cirrus SB 2X-76-03 (control quadrant modification) by removal of original power lever assembly and installation of improved components. Adjusted throttle and governor controls as needed. Aircraft test flight satisfactory. Complied with Cirrus SA 04-09 (aileron bearing hinge inspection) by visual inspection. No defects noted. AD's checked through bi-weekly 2005-02. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END. <i>L. John Wells</i> L. John Wells A&P523116767IA w/o: 21699 / 21700				

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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

ARAPAHOE AERO AVIONCS, INC.
12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289

N77ZX Cirrus SR-20 sn: 1299
Hobbs: 354.2

The ATC Transponder test and Inspection required by FAR 91.413 has been complied with this date **Febraury 24, 2005: on GARMIN GTX 327 sn: 83712324 (software version 2.08)** and found to comply with Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station on our WO#AV-00163 .

The aircraft and/or component identified above was 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-00163

ARAPAHOE AERO AVIONICS, INC.
12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289

N77ZX Cirrus SR-20 sn: 1299
Hobbs :354.2

United Instruments Altimeter pn: 5934D-3 sn: 429279 has been bench checked and certified per FAR 91.411 to 20K' by Centennial Instruments Inc. on their WO# 4730 dated February 18, 2005. Aircrafts static system has been tested to 6700' with less than 40'leak per minute.

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

FAA CRS ZL6R006Y Signed: *[Signature]* AV-00163

MAINTENANCE RECORD
F.A.R. 43.9

TE NO.
D TO SERVICE

D/
COM

AGENCY & CERTIFICATE NO.
TO SERVICE

ARAPAHOE AERO

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

N77ZX Cirrus SR20 S/N: 1299 Aircraft Total Time: 408.2

22 September 2005 Hobbs: 408.2

Complied with Cirrus Service Bulletin 2X-32-11 (nose landing gear) by installation of service kit 70082-900 which included a new strut assembly. Cleaned, inspected, and re-packed the nose wheel bearings. Removed both main wheels. Rotated tires on wheels and rebalanced. Reinstalled on aircraft. Cirrus AD 2005-17-19 (crew seats) P/C/W per SB 2X-25-06R1, see log entry dated 24 September 2004. Complied with Cirrus SB 2X-53-02 (baggage strap adaptor) by installation of adaptors.

[Signature]

Scott L. Utz A&P523021803

w/o 22561

ARAPAHOE AERO

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

N77ZX Cirrus SR20 S/N: 1299

10 November 2005 Hobbs: 0438.4 Aircraft Total Time: 0438.4

Removed amp / volt meter, P/N: 12618-001, S/N: 776. Installed overhauled / exchange unit P/N: 16472-001S (100 amp indicating unit), S/N: 050. Secured pilot's seat left retract lever as needed. Added one layer of foam to pilot's seat for added support. Checked side tension of nose fork. Tension found to be at 21 lbs. No action taken. Complied with Cirrus SB 2X-24-04 (dual amp / volt meter) by installation of ammeter adapter as needed. Ground run operational check of charging system satisfactory. END.

[Signature]

L. John Wells A&P523116767

w/o 22747

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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N77ZX Cirrus SR20 S/N: 1299
15 December 2005 Hobbs: 0454.3 Aircraft Total Time: 0454.3
Complied with Cirrus SB 2X-28-04 R1 (fuel line chafing) by installation of harness Adel clamps, anti-chafe material onto fuel lines and fuel line shield. No damage to fuel lines noted. END.
L. John Wells
L. John Wells A&P523116767 w/o 22879

ARAPAHOE AERO AVIONICS, INC.
12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289
N77ZX Cirrus SR-20 su: 1299 Hobbs: 454.3 December 15, 2005
GARMIN GNS 430 and GNS 420 have had their MAIN Software updated to Version 5.01 per GARMIN Service Bulletin 0521 dated 10/05 and the GPS Software updated to Version 3.03 per GARMIN Service Bulletin 0502 dated 02/05. Both GPS Databases have been updated to the current cycle 0513 and the expiration date is Jan. 18, 2006. Avidyne EX-5000 MFD Nav and Obstacle database updated to current cycle 0513 which expires Feb. 16, 2006.
The aircraft and/or component identified above has been inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.
FAA CRS ZL6R006Y Signed: *L. John Wells* AV-00442