

**AIRCRAFT LOG**  
**AF5-1**



# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors	IO-550-N27B	R 913904 L
ENGINE			R L
PROPELLER	Hartzell Propeller INC.	PHC-J34F-1RF F7694	FP 2491B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
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ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			



# MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION



Added Terrain Advisory capability to #2 GNS 430 S/N 97116056 per Garmin Service Bulletin 0532 Rev. B. See FAA form 337 dated 10/23/2006 for details and Instructions For Continued Airworthiness. Added FAA approved Flight Manual Supplement for operation of the Terrain Advisory feature. Upgraded both Garmin GNS 430 units Main and GPS software to current versions V5.01 and V3.03 per Garmin service Bulletins SB 0521 and 0502 respectively.-----END-----

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Theron  
Dated: Oct 23, 2006 N#:8140V Cirrus SR 22 S/N 0677  
Tach: N/A TTSN: 764.0  
HOBBS: 764.0 For more info see w/o # 32303  
FAA Repair Station Certification # WQ3R954L  
101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

ENGINE MODEL: IO-550-N  
ENGINE S/N: 913904  
REG. NO: 8140V  
WORK ORDER:  
3293-08-2007



## Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 8/20/2007  
A/C TSN: 970.5  
ENG TT: 970.5  
TACH: 970.5

## Engine Entries

(1) Complied with SB 601-00004-074 Installed Avidyne Software Update from 530-00180-100 Rev 1 to 530-00180-100 Rev 3.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 8/20/2007

SIGNED:

Mark T. Rouch, IA. 566531421 IA

Work Order: 3293-08-2007

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# MAJOR ALTERATIONS

## TDL AERO ENTERPRISES

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

N 8140V

TACH 1137.9

DATE 12/13/07

C/W SB2X-34-24 WAAS ANTENNA INSTALLATION ON PFD EQUIPPED AIRCRAFT; GARMIN GPS NAVIGATOR WAAS INSTALLATION COMPLETED BY REMOVAL OF FACTORY INSTALLED ANTENNA'S AND MOUNTING OF GPS 1 AND GPS 2 ANTENNA'S ON TOP OF FUSELAGE PER SB INSTALLATION INSTRUCTIONS. C/W AVIDYNE SB 601-00006-081: RELEASE 7 PFD RE-INSTALLATION FOR SERVICE AND GARMIN STC SA01933LA AND STC UPGRADE INSTALLATION MANUAL, PN 190-00357-06 REVISION B. SEE 337 FORM DATED 12/13/07

REMOVED PAINT AND FILLER AS REQUIRED TO EXPOSE EXISTING EMM, COMPLETED FUSELAGE EMM STRUCTURAL MODIFICATIONS PER SB AND CD MM 51-20, 51-30, APPLIED FILLER AND PRIMER AS REQUIRED, COLOR MATCHED PAINTED, COLOR SANDED AND BUFF TO BLEND AS REQUIRED.

REMOVED PFD TO BE SENT TO AVIDYNE FOR WAAS UPGRADE, REINSTALLED AND PERFORMED CALIBRATIONS

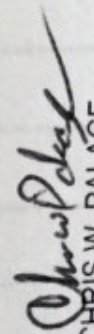
ALTERATION

PERFORMED REQUIRED MAGNETROMETER CALIBRATION AFTER PFD HAS BEEN REMOVED AND REPLACED

REMOVED LHS DOOR, ADJUSTED ROD ENDS FOR PROPER FIT, REINSTALLED DOOR. FUNCTION TESTED OK AT THIS TIME

ADJUSTED RHS DOOR FOR PROPER FIT, FUNCTION TESTED OK AT THIS TIME

PURGED TKS LINES TO ELIMINATE EXCESS AIR IN LINES

  
CHRIS W. PALAGE  
AP3177058



# 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.
<b>Life Limited Parts SR22</b>							
<b>PART NAME</b>	<b>PART NUMBER</b>			<b>EXPIRES</b>			
CAPS Rocket Motor	15047-001	S/N 1032	8/2013	5/2023			
CAPS Parachute	15046-002	S/N 0978	7/2013	5/2023			
CAPS Reefing Line Cutters	5212	T05030000- LOT 015	5/2009	7/2022			
ELT Batteries	MN1300	Date Installed 8/2003	3/2010	BATTERY ELT CHARGES 3-2016			

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000170

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/4/2010  
A/C TSN: 1573.4  
HOBBS: 1573.4

## SB Entries

(11) I/A/W Cirrus design AMM 04-00 dated 4-15-07 Removed and replaced line cutters; with new, lot number 10c003-067. Expires 3/2016

## Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 00000170, Dated 5/4/2010.

DATE: 5/4/2010

SIGNED:

CHRIS PALAGE  
Certified Repair Station No. 7TLR012B

Work Order: 00000170

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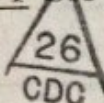
# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]



## ALTIMETER & STATIC SYSTEM CHECKS

### F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY      CERT. NO.																						
<p>I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, &amp; 91.217 have been preformed and found within the limits of FAR 43 appendices E &amp; F and AC 43-6A.</p> <p>TESTED TO <u>17,500</u> FEET ON <u>9-2-03</u></p> <p>Transponder: Mfg <u>Garmin</u> P/N <u>13587-050</u>  Model: <u>GTX-327</u> S/N <u>83714510</u></p> <p>Encoder: Model <u>ACK</u> P/N <u>A-30</u> S/N <u>85807</u></p> <p>Altimeter: Mfg <u>Avidyne</u>  (PFD) <u>15222-001</u> S/N <u>D1283</u>  Mfg <u>United</u> P/N <u>12731-001</u> S/N <u>432305</u></p> <p>CDC Quality Assurance  on <u>9 / 2 / 03</u>  Cirrus Design Corporation Duluth, MN USA</p>																													
<p><i>TOP Altimeter</i></p> <table border="1"> <thead> <tr> <th>Reads</th> <th>Add</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>-20</td></tr> <tr><td>0</td><td>-15</td></tr> <tr><td>500</td><td>-20</td></tr> <tr><td>1000</td><td>-20</td></tr> <tr><td>1500</td><td>-20</td></tr> <tr><td>2000</td><td>-15</td></tr> <tr><td>3000</td><td>-20</td></tr> <tr><td>4000</td><td>-20</td></tr> <tr><td>6000</td><td>-15</td></tr> <tr><td>8000</td><td>-15</td></tr> </tbody> </table> <p>Date <u>21 SEP 05</u>  Tested by <u>[Signature]</u></p>								Reads	Add	-1000	-20	0	-15	500	-20	1000	-20	1500	-20	2000	-15	3000	-20	4000	-20	6000	-15	8000	-15
Reads	Add																												
-1000	-20																												
0	-15																												
500	-20																												
1000	-20																												
1500	-20																												
2000	-15																												
3000	-20																												
4000	-20																												
6000	-15																												
8000	-15																												

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


AC 43-6A.  
TESTED TO 17,500 FEET ON 9-2-03

TESTED TO 7,500  
Transponder: Mfg Garmin P/N 13587-050  
Model: GTX-327 S/N 83714510

Encoder: Model ACK P/N A-30 S/N 85807

Altimeter: Mfg Avidyne  
(PFD) 15222-001 S/N D1283

Mfg United P/N 12731-001 S/N 432305

CDC Quality Assurance  on 9/2/03

Cirrus Design Corporation Duluth, MN USA

Reads	Add
-1000	-20
0	-15
500	-20
1000	-20
1500	-20
2000	-15
3000	-20
4000	-20
6000	-15
8000	-15

Date 21 SEP 05

Tested by D. G. H. H. H. H.



Scale Corrections

STBY Altimeter N8140V

Reads	Add	Reads	Add
-1000	+5	10000	—
0	—	12000	+5
500	—	14000	—
1000	-10	16000	—
1500	-5	18000	-20
2000	-10	20000	-50
3000	-10	22000	—
4000	-10	25000	—
6000	-5	30000	—
8000	-10	35000	—

Date 12 MAY 08 crs WR3R955L

Tested by [Signature]

Scale Corrections

PFD Altimeter N8140V

Reads	Add	Reads	Add
-1000	+10	10000	+20
0	+10	12000	+20
500	+10	14000	+20
1000	+10	16000	+20
1500	+5	18000	+15
2000	+10	20000	+10
3000	+15	22000	—
4000	+15	25000	—
6000	+15	30000	—
8000	+15	35000	—

Date 12 MAY 08 crs WR3R955L

Tested by [Signature]

Test Altitude Scale Error Friction Error Encoder Leak (Act/Case) 00180V

Test Altitude	Scale Error	Friction Error	Encoder	Leak (Act/Case)
-1000	0			
0	+10			
500	+10			
1000	+10	0		
1500	0			
2000	0	+20		
3000	+20	20		
4000	+20			
5000	0			
6000	0			
8000	0			
10000	-10	40		
12000	-10			
14000	-20			
15000	-40	40		
16000	-40			
18000	-40			
20000	+100	40		
22000				
25000				
30000				
35000				
40000				
45000				
50000				
55000				

Hysteresis

Altitude	Up Reading	Down Reading
1000	1000	720
8000	8000	720

After Effect +20

Baro. Scale Error (± 25 ft.)

Altitude	Baro. Scale Error (± 25 ft.)
28.10	-1727
28.50	-1340
29.00	-863
29.50	-392
29.92	0
30.50	+351
30.90	+893
30.99	+974

Aircraft # N8140V

Date Tested: 9-20-04

Technician: JR

Inspector: [Signature]

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411

Tested to: 20,000 ft. W.O. #: 1472

Precision Static Testing FAA CRS# QJAR856X

Form 1A STBY

Test Altitude Scale Error Friction Error Encoder Leak (Act/Case) 00180V

Test Altitude	Scale Error	Friction Error	Encoder	Leak (Act/Case)
-1000	0			
0	0			
500	0			
1000	0	0		
1500	+10			
2000	0	0		
3000	0	0		
4000	+10			
5000	0			
6000	+10			
8000	0			
10000	-10	0		
12000	0			
14000	0			
15000	-10	0		
16000	-20			
18000	0			
20000	-20	0		
22000				
25000				
30000				
35000				
40000				
45000				
50000				
55000				

Hysteresis

Altitude	Up Reading	Down Reading
1000	1000	1100
8000	8000	1100

After Effect 0

Baro. Scale Error (± 25 ft.)

Altitude	Baro. Scale Error (± 25 ft.)
28.10	-1727
28.50	-1340
29.00	-863
29.50	-392
29.92	0
30.50	+351
30.90	+893
30.99	+974

Aircraft # N8140V

Date Tested: 9-20-04

Technician: JR

Inspector: [Signature]

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411

Tested to: 20,000 ft. W.O. #: 1472

Precision Static Testing FAA CRS# QJAR856X

Form 1A EFIS

## ALTIMETER & STATIC SYSTEM CHECKS

### F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY CERT NO.
<p><b>PRECISION STATIC TESTING CRS #QJAR856X</b></p> <p>DADC/ALTIMETER STATIC AND ALTITUDE REPORTING EQUIPMENT SYSTEMS HAVE BEEN TESTED AND INSPECTED PER APPENDICES E AND F OF PART 43, AS REQUIRED BY FAR 91.411 CALIBRATED TO <u>20,000</u></p> <p>W/O# <u>1472</u> DATE <u>9/20/04</u></p> <p>SIGNED <u>[Signature]</u> N <u>8140V</u></p>							
<p><b>Precision Static Testing #QJAR856X Livermore, CA</b></p> <p>I.A.W. FAR 91.413 TRANSPONDER(S) HAVE BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43</p> <p>W/O# <u>1472</u> DATE <u>9/20/04</u></p> <p>SIGNED <u>[Signature]</u> N <u>8140V</u></p>							
<p>I certify that the Altimeter, Static System, &amp; Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E &amp; F.</p> <p>Altimeter tested to <u>20000</u> ft. N <u>8140V</u></p> <p>IAW FAR 43 App. E on <u>12 MAY 08</u></p> <p>Signed <u>[Signature]</u> Date <u>12 MAY 08</u></p> <p>Northcast Services crs WR3R955L Time <u>1209.1</u></p>							



Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case	Hysteresis
-1000	0			45018.04	
0	0				
500	0				
1000	-1.2	2.2			
1500	0				
2000	4.2	2.2			
3000	4.2	2.2			
4000	0				
5000	4.2				
6000	0				
8000	4.2				
10000	0	2.2			
12000	4.2				
14000	4.2				
15000	4.2	2.2			
16000	4.2				
18000	0				
20000	4.2	2.2			
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411  
 Tested to: 20h ft. W.O. #: 6400  
 Precision Static Testing FAA CRS# QJAR856X  
 PILOT / FIRST OFFICER / STAND-BY

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case	Hysteresis
-1000	4.2		-1.2	45018.04	
0	0				
500	-1.2				
1000	-1.2	0	1.2		
1500	-1.2		1.2		
2000	-1.2	0	2.2		
3000	-1.2	0	2.2		
4000	-1.2		2.2		
5000	-1.2		2.2		
6000	-1.2		2.2		
8000	0		2.2		
10000	0	0	2.2		
12000	4.2		2.2		
14000	0		2.2		
15000	0	0	2.2		
16000	4.2		2.2		
18000	4.2		2.2		
20000	0	0	2.2		
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411  
 Tested to: 20h ft. W.O. #: 6400  
 Precision Static Testing FAA CRS# QJAR856X  
 PILOT / FIRST OFFICER / STAND-BY

## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE - CERT. NO.
<p><b>STERLING AVIONICS</b> Buchanan Field Airport            Concord, CA. 94520            Tel(510) 676-2100            Fax(510) 676-5580</p> <p>I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.            ELT p/n: <u>E-01</u> s/n: <u>045496</u>            Battery installed: <u>9/1/04</u> Battery Due: <u>03/2011</u>            Date: <u>9/1/04</u> W.O. #: <u>50510</u>            Signed: <u>Sherman</u> Reg. #: <u>N8140V</u>            FAA Repair Station Certificate Number WQ3R954L</p> <p>TTIS 369.3</p>						
<p><b>STERLING AVIONICS</b> Buchanan Field Airport            Concord, CA. 94520            Tel(510) 676-2100            Fax(510) 676-5580</p> <p>I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.            ELT p/n: <u>ELT-01</u> s/n: <u>45496</u>            Battery installed: <u>6/22/2006</u> Battery Due: <u>3/2010</u>            Date: <u>6/22/2006</u> W.O. #: <u>32128</u>            Signed: <u>Sherman</u> Reg. #: <u>N8140V</u>            FAA Repair Station Certificate Number WQ3R954L</p> <p>TTIS 729.4</p>						

Precision Static Testing  
 FAA Certified Repair Station #QJAR856X  
 Livermore, CA  
 PHONE: (925) 449-5904 FAX (925) 449-6081

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.  
 Tested to 20h feet.  
 W/O# 6400  
 Inspected by Sh  
 Time: 1604.4  
 N 8140V  
 Date 6-25-10



Test Altitude	Scale Error	Friction Error	Encoder	Leak	Ref Case
-1000	-1.0				86011.00
0	0				
500	1.0				
1000	1.0	2.0			
1500	1.0				
2000	1.0	2.0			
3000	1.0	2.0			
4000	1.0				
5000	1.0				
6000	0				
8000	-1.0				
10000	-3.0	2.0			
12000	-3.0				
14000	-1.0				
15000	-3.0	2.0			
16000	-3.0				
18000	1.0				
20000	1.0	2.0			
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Hysteresis		
% Altitude Tested	Altitude Tested	Amount Hysteresis
50%	10h	+1.0
40%	8h	+1.0

After Effect: 0 Check Print Heat: 0

Baro. Scale Error (+/- 25 ft.)		
Altitude	Scale Error	Amount
28.10	-1727	
28.50	-1340	
29.00	-863	
29.50	-392	
29.92	0	
30.50	+531	
30.90	+893	
30.99	+974	

Aircraft #: N8140V  
 Date Tested: 5/25/12  
 Technician: JR  
 Inspector: [Signature]

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411  
 Tested to: 20h ft. W.O. #: 8309

Precision Static Testing FAA CRS# QJAR856X  
 PILOT / FIRST OFFICER / STAND-BY

Form 1A 402 - 10 Jan 2007

Test Altitude	Scale Error	Friction Error	Encoder	Leak	Ref Case
-1000	-1.0				86011.00
0	0				
500	1.0				
1000	1.0	2.0			
1500	1.0				
2000	1.0	2.0			
3000	1.0	2.0			
4000	1.0				
5000	1.0				
6000	-1.0				
8000	-1.0				
10000	-1.0	2.0			
12000	-1.0				
14000	-1.0				
15000	-1.0	2.0			
16000	-1.0				
18000	0				
20000	0	2.0			
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Hysteresis		
% Altitude Tested	Altitude Tested	Amount Hysteresis
50%	10h	0
40%	8h	0

After Effect: 0 Check Print Heat: 0

Baro. Scale Error (+/- 25 ft.)		
Altitude	Scale Error	Amount
28.10	-1727	
28.50	-1340	
29.00	-863	
29.50	-392	
29.92	0	
30.50	+531	
30.90	+893	
30.99	+974	

Aircraft #: N8140V  
 Date Tested: 5/25/12  
 Technician: JR  
 Inspector: [Signature]

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411  
 Tested to: 20h ft. W.O. #: 8309

Precision Static Testing FAA CRS# QJAR856X  
 PILOT / FIRST OFFICER / STAND-BY

Form 1A 402 - 10 Jan 2007

## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE - (PRINT NAME)
Precision Static Testing Livermore, CA FAA Certified Repair Station #QJAR856X PHONE: (925) 449-5904 FAX (925) 449-6081						
I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.						
Tested to 20,000 feet. Time: 1866.5 W/O# 8309 N 8140V Inspected by [Signature] Date 5/25/12						



# 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
Dec 06, 2003	Tach Time: 76.5	Removed nose wheel fairing. Updated	高木 雄一 Yuichi Takagi
	Aircraft Total Time: 76.5	weight and balance data.	A&P 614923093

N8140V  
S/N: 0677  
MODEL: SR-22  
TACH TIME: 70.1



### AIRFRAME LOG

DATE: 12-04-03  
W.O. #: 13415  
TOTAL TIME: 70.1

2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275 AND 714-433-2276

FAA APPROVED REPAIR STATION # JVR016L  
CIRRUS DESIGN AUTHORIZED REPAIR STATION

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/ REPLACEMENT ARE ON FILE AT THIS AGENCY.

DATE: 12-04-03

SIGNED:

C/W a 100 HOUR INSPECTION as per SR-22 maintenance manual.

R&R Primary alternator. P/N# 646843, S/N# 003JA152.

R&R Secondary alternator. P/N# 13656-001, S/N# 103226.

Run-up checks ok. END



# 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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MAKE: Cirrus  
MODEL: SR22  
S/N: 677  
REG. NO: 8140V  
WORK ORDER: 1472-11-2003

### Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206

DATE: 12/10/2003  
TTA: 79  
TACH

### Airframe Entries

(1) Replaced bent lower door pin actuation rod & adjusted lower door pin, Replaced upper and lower door pin receivers.... (2) ... (4) ...

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 12/10/2003

SIGNED:

*Thomas W. Richardi*

Thomas W. Richardi, A&P 547493873

WORK ORDER: 1472

Printed by EBis (http://www.dalco.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 677  
REG. NO: 8140V  
WORK ORDER: 1472-11-2003

### Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-583-8082

DATE: 12/10/2003  
A/C TSN: 79.00  
TACH: 79.00

### Airframe Entries

(1) Replaced bent lower door pin actuation rod & adjusted lower door pin, Replaced upper and lower door pin receivers.... (2) Replaced nose wheel fairing.... (3) Replaced tail tie-down ring.... (4) Replaced lower rudder cap.... (5) Inspected TKS system near baggage door. Tightened TKS filter cap.... (6) Repaired pilot door handle boss.... (7) Shipping charges on all parts.

DATE: 12/10/2003

SIGNED:

*Mark T. Rouch*

Mark T. Rouch, IA: 566531421 IA

Work Order: 1472-11-2003

Printed by EBis 3 (dalcomedia.com)



# 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

**Attitude Aviation**

299 W. Jack London Blvd., Livermore, CA 94550

N8140V Cirrus SR-22

S/N: 1.72647E+11

March 5, 2004

Total Time: 170.1

Tach: 170.1

This is a permanent part of the **Aircraft** records.

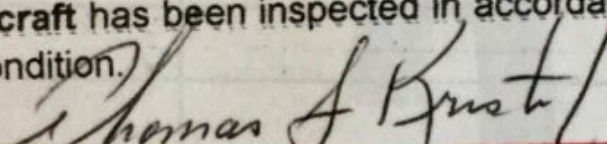
1) Completed 100 hour aircraft inspection IAW Cirrus Service Manual.

2) Performed the following maintenance / service / repair items:

\*Lubricated airframe. Serviced battery and hydraulic reservoir. Bled brake lines. Cleaned, inspected and repacked all wheel bearings.

I certify that this **Aircraft** has been inspected in accordance with a **100 Hour Inspection** and has been determined to be in airworthy condition.

Thomas J. Kristof



283442926 A&P

**Attitude Aviation**

299 W. Jack London Blvd., Livermore, CA 94550

N8140V Cirrus SR-22

S/N: 1.72647E+11

May 13, 2004

Total Time: 270.1

Tach: 270.1

This is a permanent part of the **Aircraft** records.

1) Completed 100 hour aircraft inspection IAW Cirrus Service Manual.

2) Performed the following maintenance / service / repair items:

\*Rerouted left fuel tank vent hose at discharge.

\*Repaired cracks in left inboard flap hinge fairing.

\*Installed spiral wrap to flexible brake lines at wheels.

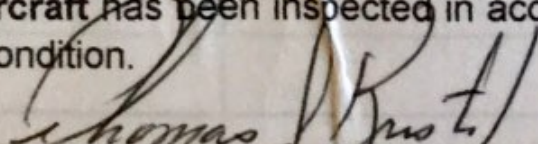
\*Installed new induction air filter.

\*Replaced gascolator o-ring (p/n MS 29513-137) and stat-o-seal (p/n Nas 1523-8B)

\*Lubricated airframe. Serviced battery and hydraulic reservoir.

I certify that this **Aircraft** has been inspected in accordance with a **100 Hour Inspection** and has been determined to be in airworthy condition.

Thomas J. Kristof



283442926 A&P



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

**STERLING**

145 JOHN GLENN DRIVE  
CONCORD CA 94520 5615  
T: 925-676-2100 F: 925-676-5580

Performed airframe 100HR inspection IAW  
100HR check list. Replaced B/H brake  
linings w/ 066-10500. Serviced fuel strainer  
Installed new air filter.

For Further details, see w/o# 2137

The components identified above were repaired and inspected IAW Federal Aviation  
Regulations and were found to be in an airworthy condition for return to service.

Signed:

Date: 9-10-2004 N#: 81406

Ayako N Hisato, A&P 244596040

Tach:

362.7

TTSN:

362.7

TSMOH:



# 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 SERV

**STERLING**

145 JOHN GLENN DRIVE  
CONCORD, CA. 94520  
T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED  
IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE  
IN AIRWORTHY CONDITION.

SIGNED: Michael J Bruno DATE: 09-10-04

MICHAEL J BRUNO, IA2585871

TTIS: 869.7 TSMOH: \_\_\_\_\_ REG.# N 8140V

### West Valley Flying Club

Date: 11-02-04 ACTT: 400.8 Tach :400.8

Installed new left main tire, Goodyear flight custom 3  
p/n 15x6.00-6, and installed new brake linings p/n 066-10600.

Charles Haskins A&P 2742590. Charles Haskins

### West Valley Flying Club

Date: 11-02-04 ACTT: 400.8 Tach :400.8

Installed new right main tire, Goodyear flight custom 3  
p/n 15x6.00-6, and installed new brake linings p/n 066-10600.


Eric Zapata A&P #2806335

Eric Zapata



# 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
		 145 JOHN GLENN DRIVE CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580	N8140V
		Installed new brake linings on Rt main gear. Installed new ILS wing flap hinge fairing. Installed new wheel nuts on Rt Ind gear. Installed new Co-pilot door actuator P/N 12545-001. Installed new Ammeter P/N 11240-001. Ops feel all systems. No defects noted.	
		For Further details, see w/o# 2191	
		The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.	
		Signed: <u>Ayako N Hisato</u> Ayako N Hisato, A&P 244596040	Date: <u>9-24-04</u> N#: <u>8140V</u>
		Tach: <u>369.3</u> TTSN: <u>369.3</u>	TSMOH: <u>[Signature]</u>
1-26-05	T=437 ACTT=437	Replaced Alternator #2 P/N and operational check good	BC410-1. Run up
—	Peter Kolenko	A&P 558833476	



# MAINTENANCE RECORD

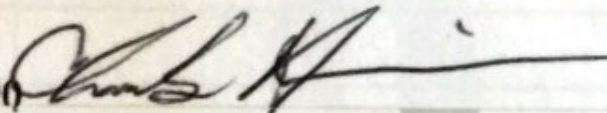
## West Valley Flying Club

Date: 02-10-05 Tach : 439 ACTT: 439

Inspected Airframe 50 hour cirrus checklist. Completed SB 2X-32-07 brake line inspection. Inspected SA04-09 Aileron Hinge Bearing. C/W SB2X-55-10 Horizontal Stab Hole Close. C/W CAP'S Bulkhead Placard. Found SB2X-28-03 Fuel Sleeve Install previously installed. Completed SB 2X-25-06 R2 crew seat recline lock. Completed SB A2X-25-08 crew seat break over bolt adjustment. Remove and installed serviceable Altitude Encoder. Replaced Right brake linings.

This Aircraft is Airworthy.

Charles Haskins A&P 2742590



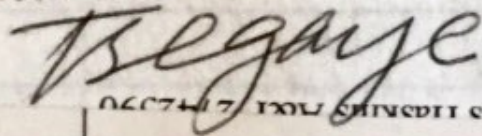
## West Valley Flying Club

DATE: 03-10-05 ACTT:451 TACH:451

Installed new Encoder p/n A-30, s/n 91746

IAW SR-22 MM ops check was good.

Tsegaye Negussie A&P 2727609



06074017 100% AIRCRAFT SAFETY

9

MED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE



# MAINTENANCE RECORD

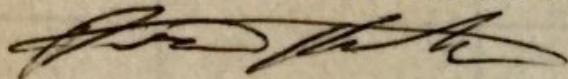
**West Valley Flying Club**

N# 8140v

Date: 04-01-05 Tach : 471 ACTT: 471

Completed Cirrus 100 hrs inspection IAW Cirrus SR-22 MM checklist. ELT battery next due @ 09/05.  
Completed SB 2X-25-07R1 Dual inertia reel. I certify this airframe to be in airworthy condition.

Peter Kolenko A&P 558833476



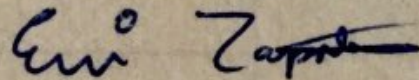
**West Valley Flying Club**

**DATE: 06-03-05 ACTT:521 TACH:521**

Inspected airframe using Cirrus SR-22 50hr MM checklist as a guide.

**This airframe is airworthy.**

**Eric Zapata A&P 2806335**



9

MED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
APPROX DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

Date 7/22/2005  
W/O# 5456

**WOODLAND  
AVIATION INC**

*Airframe Logbook Entry* AIRCRAFT: N 8140V

**CRS AWKR298C**

S/N 0677

Watts Woodland Airport, Woodland, CA 95695



Tach Time 574.4

COMPLIED WITH SB 22-71-03 BAFFLE MODIFICATION BY TRIMMING THE OIL COOLER CLOSEOUT BAFFLE AND APPLYING HIGH TEMP RTV OVER THE OPENING TO SEAL OFF.

REMOVED AILERON GAP SEALS AND INSTALLED NEW, P/N 14390-912. OPERATIONAL CHECK NORMAL.

CLEANED OLD DOUBLESIDED TAPE ON RIGHT LOWER WING ROOT FAIRING AND INSTALLED NEW IMPROVED DOUBLESIDED TAPE.

INSTALLED NEW LEFT AND RIGHT INBOARD FLAP HINGE FAIRINGS P/N 16738-901. OPERATIONAL CHECK NORMAL.

REPLACED LEFT AND RIGHT SUN VISORS.

REPLACED AND ADJUSTED ACTUATOR LEVER ON PILOTS DOOR. OPERATIONAL CHECK GOOD.

Signed

CRS AWKR 298C

Shawn Matthies



# 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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Date 7/22/2005

W/O# 5456

**WOODLAND  
AVIATION INC**

**Airframe (Avionics) Logbook Entry**

**CRS AWKR298C**

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 8140V

S/N 0677

**CIRRUS**

Tach  
Time

574.4

REMOVED #1 GARMIN 430 S.N. 97116220, INSTALLED NEW MEMORY BATTERY FROM GARMIN. IAW GARMIN MAINT MAN #190-00140-05 SECTION 4.7 BENCH CHECKED NORMAL REINSTALLED IN ACFT ALL CHECKS NORMAL.

REMOVED TRC 497 SKYWATCH PROCESSOR, CIRRUS P/N 14477-050, S/N 81310. INSTALLED WARRANTY OVERHAULED TRC 497 SKYWATCH PROCESSOR, CIRRUS P/N 14477-050, S/N 81415 REPAIRED BY CRS# NN2R037L UNDER WO# 223953. CALIBRATED ANTENNA SYSTEM AND CHECKED ERROR LOG WITH NO DISCREPANCIES NOTED.

Signed

*Shawn Matthies*

CRS AWKR 298C

Shawn Matthies

### West Valley Flying Club

N# 8140V Date: 07/26/05 Tach:577 ACTT:577

Inspected airframe using Cirrus SR 22 MM 100 hr. checkl  
Replaced essential bus #2 batteries p/n 50979-001 next d  
or two years. C/W SB2x-57-05 R1. Replaced induction fil  
next due @ tach 777. This airframe is airworthy.  
A&P 2742590

*Kevin Pinger*

### West Valley Flying Club

Date: 07/27/05

ACTT: 577

Tach: 577

**Annual inspection** completed using the Cirrus 100 Hr checklist.

As a guide. A/C test flown "OK" This Aircraft is Airworthy.

Kevin Pinger A&P574543772IA

*Kevin Pinger*



# 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
7 Sept 05	T=623 ACTT 623	C/w 50 hr insp per Cirrus SR 22 MM.	21346911

## West Valley Flying Club

Date: 11/11/05 TACH:669 ACTT:669

Inspected airframe using Cirrus SR22 100HR MM checklist as a guide. Installedv ELT batteries p/n:MN1300 next due @ 11/07.

Installed brake linings on both mains p/n:066-10500. Installed two Wheel fairing brackets p/n:13524-001 and 13524-002. Installed rt Sunvisor p/n:12698-003. This airframe is airworthy.

Annette Stichel A&P 606981190

*A. Stichel*

## West Valley Flying Club

DATE: 01/10/06 ACTT:713 TACH:713

Installed new sheer shaft p/n 20929-001 on alt.#2.  
Operational check good. A&P 2742590

*Chris A.*



# 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
20 JAN 06	T=715 ACT=715	<p>Inspected Airframe using Cirrus 50 hr SR20 MM.</p> <p>Replaced LH MAIN TIRE p/n 15x6x6 Flight custom III</p> <p>Replaced LH BRAKE PUCK O-RINGS p/n H58775-222</p> <p>Replaced LH+RH MAIN GEAR GROMMETS p/n 10209-001</p> <p>Replaced LH+RH STEP PADS p/n 12683-006</p> <p>Replaced Bolster Switch Panel p/n 14637-0045</p> <p>Replaced LH BRAKE HOSE p/n 50555-072.</p> <p>Airframe operation and leak ck good.</p> <p>Mark M. Kruy 0734691</p>	





Lubricated aircraft IAW lubrication schedule. Resealed brake calipers w/new O-rings. Replaced nose gear bumper w/new. Repaired cracks in tail section and belly. Re sealed wing de-ice sections. Replaced light ballast w/new. Replaced landing gear access panels w/new. Replaced all chrome handles. Replaced de ice boots on prop. Re attached and resealed panels on belly. C/W SB 2x-25-05 seat belt tabs, C/W SB 2x-25-17-R1 break over pin install, C/W SB2x-28-04 R1 fuel line chaffing, C/W SB 2x-32-14 R1 Ind gear fairing mod. C/W SB 2x-27-08 R1 trim lubrication, C/W 2x-53-02 baggage strap adapt. C/W SB 2x-95-07 caps bulk head placard install. Complied w/all applicable AD's.

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Lisa Tyler Dated: 7/21/06 N#: 8140V  
Lisa Tyler IA623016610

Tach: 729.4 TTSN: 729.4 For more info see w/o# 2998  
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: (925) 676-5580

**STERLING**

145 JOHN GLENN DRIVE  
CONCORD, CA. 94520  
T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED  
IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE  
IN AIRWORTHY CONDITION.

SIGNED: Lisa Tyler DATE: 7/21/06  
LISA TYLER, IA623016610  
TTIS: 729.4 TSMOH:        REG.# N 8140V

RECORD

101 JOHN GLENN DRIVE

HANGAR 2

CONCORD, CA. 94520-5615

T: (925) 676-2100 F: (925) 676-5580

**STERLING**

ALTITUDE/STATIC AND ALTITUDE REPORTING EQUIPMENT SYSTEMS HAVE  
BEEN TESTED AND INSPECTED PER APPENDICES E & F OF PART 43 AS  
REQUIRED BY FAR 91.411 CALIBRATED TO 20,000 FT.

TRANSPONDER(S) HAVE BEEN TESTED AND INSPECTED AND FOUND TO  
COMPLY WITH APPENDIX F OF PART 43 I.A.W. FAR 91.413.

DATE: 9-6-06 W.O.# 2236 REG.# N 8140V TTIS: 730.1

SIGNED: Richard Shapiro FAA CRS WQ3R954L

Y & CERTIFICATE NO.  
MED/RETURNED TO SERVICE



March 22, 2007

N 8140V

S/N. 0667

AFTT 9255

**Mather Aviation LLC**

Sacramento McClellan Airport, CA 95652

FAA CRS No. PCPD439B

WO#: 412357MC

This is a permanent part of the **Aircraft Records**. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

1. Installed new roll pin in co-pilots inner door handle operational check satisfactory.

I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector: D. [Signature]

Domestic Station for CPS# PCPD439B

## 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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# STERLING

Avidyne upgraded the Avidyne PFD S/N D1283 to Release 6 software. Avidyne MFD S/N 1837 was field-upgraded to Release 6.1 IAW Avidyne Service Bulletin 601-00004-030 Rev.6. Also added to the MFD was XM Satellite Weather per Cirrus Service Bulletin 2X-34-06 R4, XM Satellite Radio per Cirrus Service bulletin 2X-34-14 R1, and "Cmax" Electronic Charts per Cirrus Service Bulletin 2X-34-12 R2. A static system leak check and encoder correspondence check were performed. Results were satisfactory. Also, a magnetometer calibration for the PDF was performed satisfactorily. Aircraft weight and balance were recomputed and the equipment list amended. Supplied were: FAA form 8130-3 for the PFD, A new PFD Pilot's Guide Avidyne P/N 600-00142-0000 R1, MFD Pilot's Guide Avidyne P/N 600-00108-0000 R5, Avidyne MFD Data Update Guide, P/N 600-00148-0000 R0, and Entegra 5000 MFD release 6 Errata Sheet P/N 600-00150-0000 R1. END

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: [Signature]

Dated: Oct 23, 2006 N#: 8140V Cirrus SR 22 S/N 0677  
Tach: N/A TTSN: 764.0

HOBBS: 764.0 For more info see w/o # 32303  
FAA Repair Station Certification # WQ3R954L

101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

# STERLING

Complied with SB 2x-53-03 by install of tail bumper. Removed and replaced fuel gage w/new. Secured dash cover. Ran up aircraft and o checked. No defects noted

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

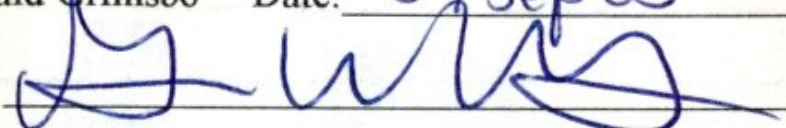
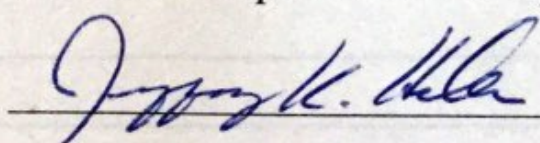
Signed: [Signature] Dated: 10/26/06 N#: 8140V  
Lisa Tyler IA 623016510

Tach: 764.0 For more info see w/o # 3177  
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: (925) 676-5580



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
04Sep03	S.O	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Gerald Grimsbo Date: 04Sep03</p> <p>Signature: </p> <p>Title: Production Flight Test Pilot</p>
9-16-03	6.0	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 9 / 16 / 03. The next inspection is due 9 / 30 / 04.</p> <p></p> <p>Jeffrey K. Holter DMIR410073CE</p>



DATE

MAKE: Cirrus  
MODEL: SR22  
S/N: 677  
REG. NO: 8140V  
WORK ORDER:  
3078-04-2007



# Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 4/24/2007  
A/C TSN: 946.8  
TACH: 946.8

## Airframe Entries

(1) Completed Annual Inspection IAW Cirrus Service Manual.... (5) CW ELT 12 month check IAW FAR91.207 [d][1][2][3][4].... (6) Cleaned and lubed all wheel bearings.... (9) Replaced induction air filter.... (10) CW SB A2X-95-10R1 CAPS collar pickup replacement.... (11) Levelled aircraft and adjusted the #2 attitude gyro and slip ball. Verified PFD and autopilot Turn and Bank were showed level too.... (12) CW SB2X-24-03 Master Control Unit (MCU) Sealing.... (13) Replaced gascolator stat-o-seal.... (14) Installed new power level and bushing for power lever, Pressure lubed the prop and throttle cables.... (22) Re-installed induction air filter mounting rod.... (27) Tightened mixture control hardware.... (28) Installed new left tailpipe snubber springs.... (29) Serviced Hydraulic reservoir.... (30) Replaced left brake Temperature Inspection sticker, linings, piston O-rings & disc. Replaced right brake linings & Right brake disc. Bleed brakes up to remove all trapped air in hydraulic system.... (38) Installed new Right inboard aileron hinge.... (40) Tightened trim actuator hardware.... (43) Replaced TKS fitting seal in the forward co-pilot floor insp. hole.... (44) Complied with Elevator and pitch trim system flight control system freeplay IAW SB 2X-27-12R1. Opps checked after completion and found no further freeplay on pilot and co-pilot controls.... (45) Replaced nose wheel bearings & left main outboard wheel bearing.... (47) Adjusted aileron & elevator cable tensions.... (48) AD 06-21-03 Replacement of brake caliper o-rings IAW SB 2X-32-14R1 PCW on 7/21/06 @ ACTT:729.4... (50) CW SB2X-95-09 CAPS Strap Abrasion by inspection and installation of sheath.... (53) Replaced #1 battery with new Gill G-243 sn: G02323199. Checked charging system.

Checked all AD's thru 07-07 for applicability. I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and is airworthy with respect to the work performed.

DATE: 4/24/2007

SIGNED:

Mark T. Rouch, IA: 566531421 IA

Work Order: 3078-04-2007

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 0677  
REG. NO: 8140V  
WORK ORDER:  
3106-04-2007



# Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 5/3/2007  
A/C TSN: 958.3  
TACH: 958.3

## Airframe Entries

(3) Removed MCU 100 S/N 00784 P/N 14600-002 and Installed Exchange MCU 120 S/N 00221, P/N 16600-001.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 5/3/2007

SIGNED:

Mark T. Rouch, IA: 566531421 IA

Work Order: 3106-04-2007

Printed by EBis 3 (datcomedia.com)



**TDL AERO ENTERPRISES**

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

N 8140V

TACH 1137.9

DATE 12/13/07

C/W SB2X-34-24 WAAS ANTENNA INSTALLATION ON PFD EQUIPPED AIRCRAFT;  
GARMIN GPS NAVIGATOR WAAS INSTALLATION COMPLETED BY REMOVAL OF  
FACTORY INSTALLED ANTENNA'S AND MOUNTING OF GPS 1 AND GPS 2 ANTENNA'S  
ON TOP OF FUSELAGE PER SB INSTALLATION INSTRUCTIONS. C/W AVIDYNE SB  
601-00006-081: RELEASE 7 PFD RE-INSTALLATION FOR SERVICE AND GARMIN STC  
SA01933LA AND STC UPGRADE INSTALLATION MANUAL, PN 190-00357-06 REVISION B.  
SEE 337 FORM DATED 12/13/07

REMOVED PAINT AND FILLER AS REQUIRED TO EXPOSE EXISTING EMM, COMPLETED  
FUSELAGE EMM STRUCTURAL MODIFICATIONS PER SB AND CD MM 51-20, 51-30,  
APPLIED FILLER AND PRIMER AS REQUIRED, COLOR MATCHED PAINTED, COLOR  
SANDED AND BUFF TO BLEND AS REQUIRED.

REMOVED PFD TO BE SENT TO AVIDYNE FOR WAAS UPGRADE, REINSTALLED AND  
PERFORMED CALIBRATIONS

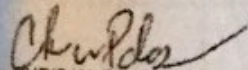
1702

PERFORMED REQUIRED MAGNETROMETER CALIBRATION AFTER PFD HAS BEEN  
REMOVED AND REPLACED

REMOVED LHS DOOR, ADJUSTED ROD ENDS FOR PROPER FIT, REINSTALLED DOOR.  
FUNCTION TESTED OK AT THIS TIME

ADJUSTED RHS DOOR FOR PROPER FIT, FUNCTION TESTED OK AT THIS TIME

PURGED TKS LINES TO ELIMINATE EXCESS AIR IN LINES

  
CHRIS W. PALAGE  
AP3177058

**TDL AERO ENTERPRISES**

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

N 8140V

TACH 1137.9

DATE 12/13/07

INSTALLED AIRWOLF AFC-W347-A AIR/OIL SEPARATOR ACCORDING TO AIRWOLF  
FILTER CORP, SUPPLEMENTAL TYPE CERTIFICATE #SA02268CH, DATED MARCH  
30,2006.

REMOVED COWLING, ACCESSED INTERMITTENT EGT AND CHT PROBE LEADS,  
REMOVED ALL CONNECTORS, APPLIED SOLDER TO CONNECTORS. REPLACED #5 EGT  
SENSOR WITH NEW, REINSTALLED CHT AND EGT PROBES, FUNCTION TESTED OK AT  
THIS TIME

  
CHRIS W. PALAGE  
AP3177058



DATE

MAKE: Cirrus  
MODEL: SR22  
S/N: 0677  
REG. NO: 8140V  
WORK ORDER:  
3607-04-2008

# Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 5/16/2008  
A/C TSN: 1208.9  
TACH: 1208.9

## Airframe Entries

(1) Completed Annual Inspection IAW Cirrus Service Manual.... (5) Complied with ELT 12 month check IAW FAR 91.207 [d][1][2][3]  
[4]. Tested OK, battery due March 2010.... (6) Cleaned, inspected and repacked all wheel bearings.... (7) Installed a new induction  
air filter.... (8) Installed new gascolator drain valve.... (9) Installed new dual lock to roof at CAPS handle cover.... (11) Lubricated  
power lever and bearing. Ops checked OK.... (12) Complied with AD-08-06-28 R1 Installed limitation placard on instrument panel  
and placed a copy of limitations into POH.... (13) Installed new fuel cap o-rings.... (15) Stop drilled cracks and sealed holes in  
cylinder cooling baffle.... (17) Secured prop governor control cable away from left aft engine mount pad.... (20) Applied sealant to  
right lower wing root fairing.... (22) Installed new elevator trim motor PN 14832-901 SN 740. Ops checked OK.... (23) Installed new  
nose gear bumper.... (24) IFR Cert completed by North Coast Services.... (25) Complied with AD 08-03-16 by installation of  
Rudder-Aileron Interconnect modification kit IAW SB 2X-27-14R3. Rigging checked OK.

Checked all AD's thru 2008-10 for applicability. I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and is airworthy  
with respect to the work performed.

DATE: 5/16/2008

SIGNED:

Thomas W. Richardi, IA: 547493873

*Thomas W. Richardi*

Work Order: 3607-04-2008  
Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 0677  
REG. NO: 8140V  
WORK ORDER:  
3623-05-2008

# Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 8/28/2008  
A/C TSN: 1323.7  
TACH: 1323.7

## Airframe Entries

(3) Installed a new EGT probe in the #3 exhaust stack. Ops check OK.... (4) Installed a new drain valve in the left outboard fuel tank  
access panel and removed fuel stains from wheel fairing and wing.... (7) Checked brake linings & discs. Checked OK.... (8)  
Inspected and serviced battery #1.... (11) Serviced hydraulic reservoir.... (12) Installed new induction air filter.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 8/28/2008

SIGNED:

Thomas W. Richardi, IA: 547493873

*Thomas W. Richardi*

Work Order: 3623-05-2008  
Printed by EBis 3 (datcomedia.com)



# TDL AERO ENTERPRISES

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

N 8140V

TACH 1137.9

DATE 12/13/07

C/W SB2X-34-24 WAAS ANTENNA INSTALLATION ON PFD EQUIPPED AIRCRAFT;  
GARMIN GPS NAVIGATOR WAAS INSTALLATION COMPLETED BY REMOVAL OF  
FACTORY INSTALLED ANTENNA'S AND MOUNTING OF GPS 1 AND GPS 2 ANTENNA'S  
ON TOP OF FUSELAGE PER SB INSTALLATION INSTRUCTIONS. C/W AVIDYNE SB  
601-00006-081: RELEASE 7 PFD RE-INSTALLATION FOR SERVICE AND GARMIN STC  
SA01933LA AND STC UPGRADE INSTALLATION MANUAL, PN 190-00357-06 REVISION B.  
SEE 337 FORM DATED 12/13/07

REMOVED PAINT AND FILLER AS REQUIRED TO EXPOSE EXISTING EMM, COMPLETED  
FUSELAGE EMM STRUCTURAL MODIFICATIONS PER SB AND CD MM 51-20, 51-30,  
APPLIED FILLER AND PRIMER AS REQUIRED, COLOR MATCHED PAINTED, COLOR  
SANDED AND BUFF TO BLEND AS REQUIRED.

REMOVED PFD TO BE SENT TO AVIDYNE FOR WAAS UPGRADE, REINSTALLED AND  
PERFORMED CALIBRATIONS

MAKE: Cirrus  
MODEL: SR22  
S/N: 0677  
REG NO: 8140V  
WORK ORDER:  
3876-12-2008

## Top Gun Aviation, Inc.

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 12/4/2008  
A/C TSN: 1385  
TACH: 1385

## Airframe Entries

(2) Reconnected prop TKS line at firewall fitting. Leak check OK.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 12/4/2008

SIGNED

Mark T. Rouch, IA. 566531421 IA

Work Order: 3876-12-2008

Printed by EBis 3 (datcomedia.com)

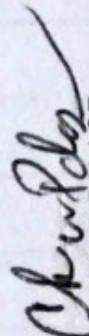
# RECORD

PERFORMED REQUIRED MAGNETOMETER CALIBRATION AFTER PFD HAS BEEN  
REMOVED AND REPLACED

REMOVED LHS DOOR, ADJUSTED ROD ENDS FOR PROPER FIT, REINSTALLED DOOR.  
FUNCTION TESTED OK AT THIS TIME

ADJUSTED RHS DOOR FOR PROPER FIT, FUNCTION TESTED OK AT THIS TIME

PURGED TKS LINES TO ELIMINATE EXCESS AIR IN LINES

  
CHRIS W. PALAGE  
AP3177058



N 8140V  
**KNISLEY EXHAUST SYSTEMS**  
 AA/PMA Certified Repair Station #NJ3R712L

3450 Swetzer Road  
 Loomis, CA 95650

916-652 5891 (Local) 1 800-522 6990  
 916-652 6257 (FAX)

# **SERVICEABLE**

VC Type CIRCUIT  
 Component Name MUFFLER 2nd

Model SR22  
 S/N N 8140V

The aircraft component identified above  
 was repaired/overhauled and inspected in  
 accordance with current regulations of the  
 Federal Aviation Agency and is approved for  
 return to service. Pertinent details of the  
 repair are on file at this repair station under

Work Order No. 132088  
 Date 4-16-09  
 Signed [Signature]  
 (Authorized Individual)

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 0677  
 REG NO: 8140V  
 WORK ORDER:  
 3993-04-2009

## **Top Gun Aviation, Inc.**

6100 S. Lindbergh St  
 Stockton, CA 95206  
 Phone: 209-983-8082

DATE: 4/23/2009  
 A/C TSN: 1413  
 TACH: 1411

## **Airframe Entries**

(1) Completed Annual Inspection IAW Cirrus Service Manual. Serviced airframe.... (5) CW ELT 12 month check IAW FAA  
 [1][2][3][4].... (6) Cleaned and lubed wheel bearings.... (9) Installed a new induction air filter element.... (13) Tightened  
 cabin vent knob. Ops checked OK.... (14) Installed a new upper nutplate and lower shockmounts on landing light mount.  
 Reattached piano hinge to nose strut fairing with an oversized rivet.... (17) Installed two new wellnuts in lower wing for  
 fairings. Reattached pad on left main fairing support.... (18) Reinstalled tail tie down bumper.... (19) Adjusted upper pin  
 co-pilots door. Ops checked OK.... (22) Adjusted power lever rigging IAW Cirrus maintenance manual. Ops checked OK  
 Installed new tailpipe support springs.... (24) Secured #2 alternator wire away from the firewall.... (26) Installed a new  
 seal.... (27) Serviced and charged battery.... (28) Reinstalled both mufflers after repair by Knisley Exhaust Systems, Inc.  
 132088.... (29) Installed all new brake linings.... (30) Tightened aft elevator bungee hardware. Ops checked OK.... (31)  
 new push/pull rod to the lower door pin in pilots door. Ops checked OK.... (33) Installed a new roll pin to interior door  
 co-pilots door. Ops checked OK.... (34) CW AD 09-05-05 by performing operation test as described in Avidyne MSB  
 601-00006-096. Tested OK. This is terminating action for AD 09-05-05. Removed placard from instrument panel.

Checked all AD's thru 09-08 for applicability. I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and  
 with respect to the work performed.

DATE: 4/23/2009

SIGNED: Thomas W. Richardi  
 Thomas W. Richardi, IA, 54749127

Work Order: 3993-04-2009  
 Printed by EBis 3 (datacomedia.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 DISSAPPROVING AIRCRAFT FOR SERVICE

## TDL AERO ENTERPRISES

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

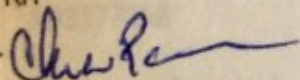
N 8140U

TACH 677

DATE 10/28/09

COMPLETED CIRRUS DESIGN 50 HR MAINTENANCE REQUIREMENTS , LANDING GEAR  
AND BRAKES INSPECTED, TIRES CHECKED FOR WEAR AND PROPER INFLATION.

C/W SB2X-32-19 RI NOSE LANDING GEAR ASSEMBLY INSPECTION AND REINFORCE-  
MENT BY INSTALLATION OF THE NOSE LANDING GEAR REINFORCEMENT HARDWARE  
KIT

  
CHRIS W. PALAGE  
AP3177058

CIRRUS



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000170

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/4/2010  
A/C TSN: 1573.4  
HOBBS: 1573.4

### Airframe Entries

(1) Removed and replaced air vents with larger output vents.... (6) Complied with SB 2X-34-18, Traffic Inhibitor by installation of Cirrus design kit... (7) Removed and replaced antiskid on steps.... (9) Removed and replaced ELT batteries. Expires 05/2012 by FAR 91.207 or 03/2016 by battery expiration.... (15) # 3 spark plug lead, Replaced washer with lock washer and re secured fastener.... (16) Moved and repositioned clamps and cable on alternate air cable... (17) Removed aft case to baffle mount, fabricated new baffle mount and installed newly fabricated mount.... (18) Removed and replaced prop governor clamp with serviceable.... (19) Removed and replaced left hand engine baffle seal.... (21) Removed and replaced left hand main landing gear tire and tube with new... (22) Replaced 2 rivets above left hand magneto.... (23) Replaced one rivet above right hand magneto.... (25) Removed forward right hand baffle, patched and sealed area.... (26) Removed and replaced nose landing gear tire and tube with new... (27) Replaced missing rivet on nose landing gear fairing/piano hinge... (28) Removed and replaced fastener on air oil separator... (29) Removed and replaced right hand main landing gear upper fairing bracket with new... (30) Removed and replaced left hand main landing gear grommet with new... (31) Removed and replaced right hand main landing gear grommet with new... (32) Removed and replaced right hand main landing gear tire and tube with new... (33) Removed left hand wing root fairing, cleaned, applied two sided tape and priming agent reinstalled on aircraft... (34) Removed left hand brake caliper, inspected brake and installed new packing's.... (35) Cleaned around right hand fuel drain area and could not reproduce leak.... (36) Repositioned anti chafe wrap on left hand main landing gear to prevent cowling rubbing through line.... (37) Replaced sealant on left hand tie down point.... (38) Installed "No Push" placard on right hand horizontal stabilizer.... (39) Removed and replaced left hand horizontal stabilizer "No Push" placard.... (40) Removed and replaced pilots' nonskid wing walk.... (41) Removed and replaced nose landing gear fork cotter key with correct size.... (44) Removed anti-chafe tape and tape glue. Replaced tape with new.... (45) Applied dye penetrant to nose landing gear weld, inspected area with developer; no crack noted. Cleaned area.... (47) Applied fiberglass repair to cracked area on left hand main landing gear wheel pant.... (48) Removed and replaced left hand main landing gear wheel pant upper bracket.... (49) Removed and replaced right hand upper main landing gear wheel bracket.... (50) Removed and replaced #2 batteries dated 4/12/2010. Expires 4/12/2012.... (51) Removed receptacle for stud fastening on #2 battery. Extracted remaining hex stud. Reinstalled stud receptacle and replaced stud.... (52) Patched and sealed hole around #5 cylinder baffling... (53) Reinstalled center interior panel bushing.... (54) Service bulletin which AD refers to is not applicable.... (55) Complied with SB 2X-27-16... (56) Complied with SB 32-42-03 brake modification... (59) ACCESS PANELS, INSPECTION COVERS, FAIRINGS AND COWLINGS REMOVED. AIRFRAME INSPECTED AND LUBES PER MFG. SERVICE AND MAINTENANCE MANUALS. DRAINED OIL TOOK



# INSPECTION RECORD

## F.A.R. 43.11-91.409

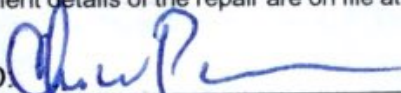
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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SAMPLE REMOVED OIL FILTER AND INSPECTED FOR DEBRIS, NONE NOTED SERVICED ENGINE 8 QUARTS AERO SHELL 15-50 INSTALLED NEW OIL FILTER CH48108 RUN UP LEAK CHECK PERFORMED NO LEAKS NOTED, COMPRESSION CHECK PERFORMED 1 68/80 2 72/80 3 72/80 4 68/80 5 72/80 6 70/80 ENGINE AND FLIGHT CONTROLS CHECKED AND LUBED, SERVICED TIRES, BATTERY AND BRAKE FLUID, LIGHTS CHECKED, SPARK PLUGS CLEANED AND GAPPED, AS REQUIRED TIMING CHECKED, WASHED DOWN ENGINE AND PERFORMED RUN-UP

Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 00000170, Dated 5/4/2010.

DATE: 5/4/2010

SIGNED: 

Work Order: 00000170

CHRIS PALAGE  
Certified Repair Station No. 7TLR012B

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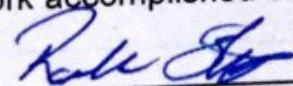


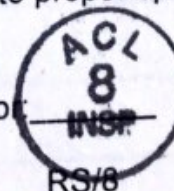
FAA CRS NA3R703L  
Reno-Stead Airport  
4825 Texas Avenue  
Reno NV 89506

PH: (775) 972-5540

Date: 7/29/2010; Aircraft: N8140V; Type: CIRRUS DESIGN SR22; S/N: 0677; Hobbs: 1620.30

Removed left main wheel assembly. Replaced left tire pn.301-249-420. Replaced left main brake rotor pn.164-01501. Packed left and right main wheel bearings, using Multiplex 76 Red No.2, grease. Removed and resealed right brake caliper using 2ea. new o-rings pn.MS28775-222. Reinstalled right brake caliper. Operational checked normal. No leaks noted. Resealed left brake caliper using 2ea. new o-rings pn.MS28775-222. Reinstalled left and right main wheel assemblies. Serviced left main tire to proper specifications. Pertinent details of work accomplished on file at this Agency.

Signed:  Inspector:  
Date: 7/29/2010  
for AVIATION CLASSICS Ltd. Work Order #16335  
FAA CRS: NA3R703L





# INSPECTION RECORD

## F.A.R. 43.11-91.409

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000292

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 8/3/2010  
A/C TSN: 1627.9  
HOBBS: 1627.9

NCY LIST  
PROVING AIRCRAFT FOR SERVICE

### Airframe Entries

(2) Repacked left and right brake calipers, bleed brake system, function ok at this time.... (3) Removed and replaced both left and right soft brake lines with serviceable parts, no leaks noted... (5) Installed brake temp label kit on brake calipers, P/N 70227-002

### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 00000292, Dated 8/3/2010.

DATE: 8/3/2010

SIGNED:

CHRIS PALAGE

Certified Repair Station No. 7TLR012B

Work Order: 00000292

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000412

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 2/3/2011  
A/C TSN: 1680.2  
HOBBS: 1680.2

DISCREPANCY LIST  
IMPROVING AIRCRAFT FOR SERVICE

### Airframe Entries

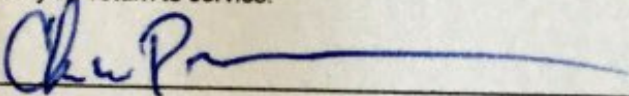
Installed PFD after repairs were performed By Avidyne Corp. P/N 700-00006-000 Ser# D1283 See 8130  
Dated 12-07-2010 Tracking # 9012799 Performed Mag. Calibration, Test flight performed for Autopilot  
Calibration, Returned to customer No other maintenance performed at this time.

### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 2/3/2011

SIGNED:



Work Order: 00000412

Chris Palage

Certified Repair Station No. 7TLR012B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER:  
27338-02-2011

### Executive Air Repair, Inc.

Repair Station No. C54D419N  
6273 Freeport Blvd  
Sacramento, CA 95822  
Phone: 916-421-6756

DATE: 2/23/2011  
A/C TSN:  
HOBBS: 1683.2

### Airframe Entries

(1) Installed new Goodyear Flight Custom III 15\*6\*6 tire and tube on RMLG, serviced tire to 62 PSI IAW  
POH.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 2/23/2011

SIGNED:



Work Order: 27338-02-2011

Nathan Kuhuski

Certified Repair Station No. C54D419N

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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 DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000383

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 11/16/2010  
A/C TSN: 1672.5  
HOBBS: 1672.5

#### Airframe Entries

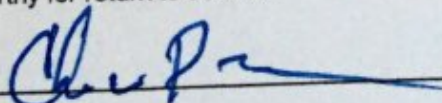
Removed primary flight display. serial number D1283, sent out for repair and reinstalled.... Upgraded software on multifunction display, serial #00001837 to 8.0.1.... Re Crimped connectors on #3 EGT probe, performed run up, function ok.

#### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/16/2010

SIGNED:



Work Order: 00000383

Printed by EBis 3 (datcomedia.com)

Chris Palage  
Certified Repair Station No. 7TLR012B

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000403

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 11/26/2010  
A/C TSN: 1672.5  
HOBBS: 1672.5

#### Airframe Entries

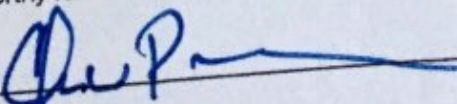
Installed Loaner PFD SER# 20353225, Performed Mag. Cal., Test flight performed, Ok at this Time

#### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/26/2010

SIGNED:



Work Order: 00000403

Printed by EBis 3 (datcomedia.com)

Chris Palage  
Certified Repair Station No. 7TLR012B

Out of order entries on prior pages



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

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

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140v  
WORK ORDER: 00000524

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/12/2011  
A/C TSN: 1715  
HOBBS: 1715

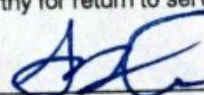
### Airframe Entries

IAW A Annual Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated June 15, 2010, with changes dated January 15, 2011. Secondary and ELT batteries expire May 2012. Complied with ELT inspection per 91.207(d), ELT operational check good. Complied with 100-500 hour and 5 year servicing requirements.... Troubleshoot to failed Skywatch traffic computer; Removed Skywatch, made entry in weight and balance and disabled in MFD to facilitate send in TRC for repair.... Removed and replaced deice servicing cap "no fuel" placard.... Tightened and cleaned lower brake reservoir union, no leaks noted.... Removed and replaced right hand VOR/LOC grommet.... Removed and replaced right hand fuel sump drain valve.... Removed and replaced copilots' cupholder.... Removed and replaced nose landing gear wheel bearings.... Removed and replaced nose landing gear axel spacer and plug.... Removed and replaced #1 battery with new, PN: G-243 SN: G02538827.... Removed and replaced pilots' window sealant.... Removed and resealed windscreen.... Adjusted rudder/aileron bungee to correct aileron deflection.... Dressed propeller blades.... Removed and replaced throttle cable sealant on outer firewall.... Installed "grab here" placards in the cabin.

### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/12/2011

SIGNED: 

Shawn Fogle  
Certified Repair Station No. 7TLR012B

Work Order: 00000524

Printed by EBis 3 (datcomedia.com)



# INSPECTION RECORD

## F.A.R. 43.11-91.409

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00000528

### TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 9/9/2011  
A/C TSN: 1789.1  
HOBBS: 1789.1

### Airframe Entries

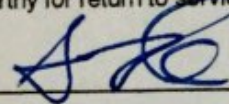
Reinstalled repaired Skywatch computer PN: 805-10800-001 SN: 81415. Reconfigured MFD for Skywatch.  
Removed weight and balance removal entry.... Removed and replaced broken pilots' side sunvisor....  
Removed and replaced pilots' side inner door handle.... Adjusted copilots' door handle to tighten.

### Maintenance Release

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/9/2011

SIGNED:



Work Order: 00000528

Shawn Fogle

Certified Repair Station No. 7TLR012B

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: N8140V  
WORK ORDER:  
27697-01-2012

### Executive Air Repair, Inc.

Repair Station No. 2SQR820B  
6273 Freeport Blvd  
Sacramento, CA 95822  
Phone: 916-421-6756

DATE: 1/30/2012  
A/C TSN:  
ENG TT:  
HOBBS: 1831.4

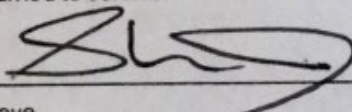
### Engine Entries

(1) Removed all spark plugs, cleaned gapped and tested. Installed 3 new plugs, P/N RHB32E, and the remaining plugs with new gaskets. Torqued to 360 In Lbs. Performed ground run with normal operation at this time.....(2) Drained oil, removed and inspected filter: results are normal. Installed new AA48108 filter, and safetied; closed quick drain. Serviced engine with 9 quarts of Aeroshell 15W50. Performed ground run and leak check with none noted at this time.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 1/30/2012

SIGNED:



Work Order: 27697-01-2012

Gustison, Steve

Certified Repair Station No. 2SQR820B

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### Executive Air Repair, Inc.

Repair Station No. 2SQR820B  
6273 Freeport Blvd  
Sacramento, CA 95822  
Phone: 916-421-6756

MAKE: CIRRUS  
MODEL: SR-22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER:  
27708-02-2012

### Airframe Entries

(2) Installed new seal to prop de-ice fluid line at fwd baffling bulkhead fitting and safetied.....(3) Replaced adel clamp at motor mount and rerouted air/oil separator breather hose.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 2/21/2012

SIGNED:



Collup, Stephen  
Certified Repair Station No. 2SQR820B

Work Order: 27708-02-2012

Printed by EBis 3 (datcomedia.com)



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00000801

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/23/2012  
A/C TSN: 1865.2  
HOBBS: 1865.2

### Airframe Entries

IAW A Annual Inspection Checklist, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated Jan 1, 2012. Complied with ELT inspection per 91.207(d), ELT operational check good, ELT battery expires Mar 2016. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.... Complied with SB 2X-27-16 R1, Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions.... Removed and replaced secondary batteries, next due Jun 2014.... Removed and replaced left hand main landing gear wheel tire.... Removed and replaced right hand inboard deice panel seal.... Removed and replaced double sided tape on left hand outboard exhaust heat shield.... Removed and replaced #5 engine cylinder CHT sensor.... Removed and replaced #1 engine cylinder exhaust header. Removed and replaced #1 engine cylinder exhaust header to collector fastener.... Removed and replaced right hand wingtip recognition bulb.... Removed and replaced nose landing gear pucks.... Removed and replaced #4 engine cylinder exhaust header to exhaust collector fastener.... Removed and replaced copilots' sunvisor lens.... Removed, cleaned, repacked and replaced temperature indicator stickers on left hand brake assembly.... Removed and replaced left hand wing fuel drain valve.... Removed and replaced aileron-rudder interconnect shock cord, next due Jun 2016 or on condition.... Installed main landing gear lower fairing mount buffer pads.... Rebonded right hand main landing gear center fairing mounting receptacle pad.... Removed and replaced ACK ELT remote control indicator panel battery, next due Jun 2020.... Removed and replaced all brake hoses. Next due Jun 2017.... Removed and replaced nose landing gear fork bearings, thrust washer and three belleville washers.... Installed new engine cowling seal.... Complied with SB2X-24-09, Electrical Load Distribution with TVS Fuse Installation.

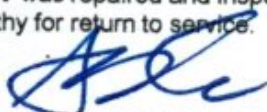
1 of 2

### Maintenance Release

The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/23/2012

SIGNED:



Work Order: 00000801

Shawn Fogle  
Certified Repair Station No. 7TLR012B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER:  
27876-07-2012

## Executive Air Repair, Inc.

Repair Station No. 2SQR820B  
6273 Freeport Blvd  
Sacramento, CA 95822  
Phone: 916-421-6756

DATE: 10/5/2012  
A/C TSN: 1938  
HOBBS: 1938

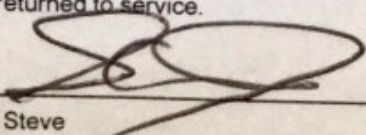
### Airframe Entries

(1) Repaired connections for cylinder #5 CHT probe between ships wiring and probe wiring. Operation normal at this time.....(4) Removed battery, bench charged and reinstalled.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 10/5/2012

SIGNED:



Work Order: 27876-07-2012

Gustison, Steve  
Certified Repair Station No. 2SQR820B

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2 of 2



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00001084

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 8/8/2013  
A/C TSN: 1965.5  
HOBBS: 1965.5

### Airframe Entries

IAW A ANNUAL INSPECTION ACCESS PANELS, INSPECTION COVERS, FAIRINGS AND COWLINGS REMOVED. AIRFRAME INSPECTED AND LUBES PER MFG. SERVICE AND MAINTENANCE MANUALS. ENGINE AND FLIGHT CONTROLS CHECKED AND LUBED, SERVICED TIRES, BATTERY AND BRAKE FLUID, LIGHTS CHECKED, AOA OIL SAMPLE TAKEN, CHANGED OIL, FILTER REPLACED, COMPRESSION CHECKED, SPARK PLUGS CLEANED AND GAPPED, AS REQUIRED TIMING CHECKED, WASHED DOWN ENGINE AND PERFORMED RUN-UP... remove and replace right hand entry step grip tape with new... remove and replace left hand entry step grip tape with new... remove and replace wing walk with new left hand side... remove and replace landing light lens with new due to cracking around screw holes... remove and replace landing light vibration isolators with new... applied rtv to chafing on egt shielding cyl #1 and 5... applied rtv to chafing on egt shielding cyl #2 and 4... touch up paint on r/h wing tip... ADJUST FLAP RIGGING TO OBTAIN PROPER FLAP ORIENTATION AND TRAVEL... Stop drilled crack FWD center baffling... tightened propeller governor retention nuts to spec... Stop drilled cracks on FWD R/H baffling... DISASSEMBLE AIR OIL SEPARATOR CLEAN AND INSTALL NEW SEAL RE ASSEMBLE... Replaced R/H open/close decal with new... Replaced L/H open/close door decal with new... touch up paint around R/H and L/H door latches... Replaced L/H worn well-nuts with new... re attach window trim r/h and l/h passenger window trims... C/W SB 2X-27-12R1 to remove excessive play from pilot and copilot side control yokes... sand and repair wheel pant attach hole r/h main landing gear pant... remove and replace worn bolt r/h exhaust collector to headers... remove adhesive tape clean and prep area install new adhesive tape to re bond wing root fairing pilot side... remove adhesive tape clean and prep area install new adhesive tape to re bond wing root fairing copilot side... replace missing hardware in the wing to body fairing aft panel... apply anti chafe tape to left and right flaps... remove and replace tks filter with new next due jun 2015... remove

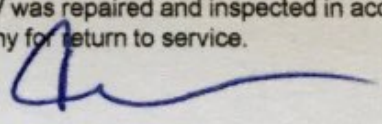
1 of 2

and replace cht probe cyl #3 with new... I/A/W CAPS component manual 95-01-01 Dated 6-15-2010 removed caps cover and reinstalled using standard maintenance practices, I/A/W AMM 04-00 dated 6-15-2010, Removed CAPS Rocket motor assembly Ser. #01032 Installed new CAPS Rocket motor assembly Ser.#1401 Removed CAPS Parachute Ser.#978 Canopy color Orange/White, Installed CAPS rebuilt parachute Ser.# 00893R1 Canopy color Orange?White See 8130-3 Dated 05/-2013 Work order# 464850, CAPS repack next due 05-2023.... Sent electric fuel pump out to Quality Aircraft Accessories for 10 year overhaul, next due 06-2023 see 8130 dated 06-20-2013 under wo#W0177009109... remove and replace brake linings with new r/h side main gear

### Maintenance Release

The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 8/8/2013

SIGNED: 

Work Order: 00001084

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2 of 2



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00001375

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 9/26/2014  
A/C TSN: 1965.5  
HOBBS: 2086.8

### Airframe Entries

IAW A ANNUAL INSPECTION USING THE AMM CHECKLIST AS A GUIDE DATED 02-01-2013 ACCESS PANELS, INSPECTION COVERS, FAIRINGS AND COWLINGS REMOVED. AIRFRAME INSPECTED AND LUBES PER MFG. SERVICE AND MAINTENANCE MANUALS. ENGINE AND FLIGHT CONTROLS CHECKED AND LUBED, SERVICED TIRES, BATTERY AND BRAKE FLUID, LIGHTS CHECKED, AOA OIL SAMPLE TAKEN, CHANGED OIL, FILTER REPLACED, COMPRESSION CHECKED, SPARK PLUGS CLEANED AND GAPPED, AS REQUIRED TIMING CHECKED, WASHED DOWN ENGINE AND PERFORMED RUN-UP... Adjusted air oil separator vent tubes to prevent chaffing... Adjusted LH exhaust clamp to prevent chaffing.... Removed LH brake linings and replaced with new, Performed brake lining burn in procedure,... Jacked up aircraft, removed main tires and rotated, Reinstalled and removed aircraft from jacks,... Removed LH and RH brake calipers, replaced o rings and reinstalled, Bled brake system, functional checks ok at this time,... secured RH and LH EGT and CHT wiring to prevent further chaffing,... Adjusted LH forward baffling to prevent chaffing on prop governor, Applied RTV to baffling,... Re Secured RH exhaust duct... Replaced LH exhaust ball joint hardware with new,... Readjusted Propeller TKS feeder tubes to prevent chaffing on spinner.... Reinstalled center arm rest pin,... Reinstalled throttle body cotter pin into linkage attach point,

### Maintenance Release

The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/26/2014

SIGNED:

Chris Palage  
Certified Repair Station No. 7TLR012B

Work Order: 00001375

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

### AIRCRAFT TIME IN SERVICE

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



# GENERAL AVIATION CO., INC.

genaviationco.com

\* Patched crack at wheel pant mount at right MLG area IAW AC 43.13.

All work done IAW Cirrus SR22 manual.

William C Anderson A&P# 3061273 IA

William C. C. C.



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0877  
REG. NO: N8140V  
WORK ORDER: 00001622

# TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 8/31/2016  
A/C TSN: 2273.1  
HOBBS: 2273.1

## Airframe Entries

Complied with an ANNUAL INSPECTION using the cirrus design AMM 5-20 checklist as a guide, access panels, inspection covers, fairings and cowlings removed. Airframe inspected and lubes per mfg. Service and maintenance manuals. Engine and flight controls checked and lubed, serviced tires, battery and brake fluid, lights checked, washed down engine and performed run-up... Remove and replace engine with Overhauled IO550-N, Engine by Corona Engines WO F232 , including Alternator, Removed and Replaced with new Engine hoses, Engine mounts, and All new SCAT/SKEET ducting.... Removed and Replaced exhaust system overhauled by Knisely Welding WO 154004... Replace ALT #2 with new... Removed prop and prop governor for overhaul by Ameritech Industries WO#20223-01-2016 & 20320-02-2016... REMOVED ELT, INSPECTED ELT IN ACCORDANCE WITH FAR 91.207(D), Replaced batteries, REINSTALLED ELT... C/W Rudder / Aileron time replace interconnect cord next due 8/2021... Removed and replaced CAPS line cutters, installed SN 9601 & 9649 MFG date 7/16 next due 7/2022... INSTALLED NEW BATTERY #1 G-243... Replaced #2 Batteries next due 08/2018... Replaced circuit breaker for #2 battery pack... Remove and replaced LHS strobe and light bulbs... Removed and replaced LHS brake o-rings and replaced temperature indicator labels... Replaced RHS brake Temperature indicator labels... C/W Mandatory SB2X-52-08R2 door strut catchers per cdc instructions for kit installation, replaced LHS & RHS door struts... Removed and replaced cowling drain valve... Resealed lower edge of upper aft window

1 of 2

I certify this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition

DATE: 8/31/2016

SIGNED:

Tom Lopes, IA 672492099

Work Order: 00001622

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2 of 2

INSPECTION RECORD



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00001888

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 1/1/2018  
A/C TSN: 2284.1  
TACH: 63.8

### Airframe Entries

ANNUAL CIRRUS AIRFRAME: Complied with an ANNUAL INSPECTION using the cirrus design AMM 5-20 checklist as a guide, access panels, inspection covers, fairings and cowlings removed. Airframe inspected and lubed per mfg. Service and maintenance manuals. Engine and flight controls checked and lubed, serviced tires, battery and brake fluid, lights checked, washed down engine and performed run-up... Removed and Replaced LH fairing bracket with new... Removed and replaced RH upper fairing bracket with new... Remove and replaced RH inner fairing bracket with new... Installed Missing nut plates on upper wheel fairing... Removed and replaced LH&RH brake linings with new... Installed RH brake temp sensor... Removed and replaced ELT battery box with new... Removed and Replaced copilot sun visor with new... Installed Fire Extinguisher and Mount... Installed No Push placards on rudder... Remove and replaced both rescue placards... Profiled Prop... Removed ELT, inspected ELT in accordance with far 91.207(d), reinstalled ELT

I certify this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition

DATE: 1/1/2018

SIGNED:

Tom Lopes, IA: 572492099

Work Order: 00001888

Printed by EBis 3 (datcomedia.com)

1 of 1

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0677  
REG. NO: N8140V  
WORK ORDER: 00001888

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 1/1/2018  
A/C TSN: 2284.1  
TACH: 63.8

### Airframe Entries

Transponder has been tested & inspected and found to comply with appendix F of part 43 as required by FAR 91.413. Altimeter/Static and Altitude reporting equipment systems have been tested and inspected per appendices E and F of part 43 as required by FAR 91.411. Calibrated to 18,000 feet

Maintenance Release: The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/1/2018

SIGNED:

Tom Lopes  
Certified Repair Station No. 7TLR012B

Work Order: 00001888

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1 of 1

INSPECTION RECORD



MAKE: CIRRUS  
MODEL: SR22  
S/N: 0017  
REG. NO: N8140V  
WORK ORDER: 00001986

**TDL Aero Enterprises**

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 8/23/2018  
A/C TSN: 2353.5  
TACH:

**Airframe Entries**

C/W SB2X-95-17R2 CAPS ROCKET MOTOR ASSY REPLACEMENT PER CIRRUS SERVICE BULLETIN INSTRUCTIONS. CAPS ROCKET IGNITION SYSTEM INSTALLED, POH REVISED, W&B REVISION COMPLETED. Installed Rocket SN 3208 Next Rocket Due 5/2028, Installed Parachute SN 00860R1 Next Parachute Repack due 6/2028... Remove and replace number two batteries with new PN 50979-001... C/W SB2X-95-24R1 Caps shelf rocket grounding strap... R/R VIBRATION MOUNT P/N 14502-003... Cleaned surface, readhere LH exhaust heat shield.... Install missing screw on LH upper landing gear fairing.... Sealed MCU per CDC MM... Adjust both entry door seals to close gap... Profiled propeller blades... Paint Caps Cover

Maintenance Release: The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

Work Order: 00001986

DATE: 8/23/2018

SIGNED:

Tom Lopes  
Certified Repair Station No. 7TLR012B

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1 of 1

**INSPECTION RECORD**  
E A D 43.11-91.409

INSPECTION - STATUS & DISCREPANCY LIST  
IF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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



Date 11/14/2018

**Airframe Logbook Entry**

W/O# 17247

**CRS AWKR298C**

**AIRCRAFT: N 8140V**

25170 Aviation Ave., Davis, CA 95616

S/N: 0677

Tach

2356

REINSTALLED GARMIN GTX 327 MODE C TRANSPONDER P/N 011-00490-00, S/N 83717093 AFTER BEING REPAIRED BY GARMIN INTERNATIONAL, CRS# G6XR582Y UNDER RMA# 106142795 DATED 11/9/2018. CONFIRMED UNIT IS CONFIGURED FOR CUSTOMER'S AIRCRAFT AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

REINSTALLED CUSTOMER'S ORIGINAL #2 GARMIN GNS 430W P/N 011-01060-40, S/N 97116220 AFTER BEING REPAIRED BY GARMIN INTERNATIONAL, CRS# G6XR582Y UNDER RMA# 106070640 DATED 11/8/2018. CONFIGURED UNIT FOR CUSTOMER'S AIRCRAFT (SAME AS IT WAS ON ARRIVAL) AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. UPDATED #1 GNS 430W SOFTWARE FROM VERSION 3.00/3.0 TO 5.40/5.0, AND UPDATED #1 AND #2 GNS 430W NAV, TERRAIN, AND OBSTACLES DATABASES WITH NO DISCREPANCIES NOTED.

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

Signed:

Shawn Matthies AWKR298C



# INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME  
IN SERVICE



Date 11/14/2018

**Airframe Logbook Entry**

AIRCRAFT: N 8140V

CRS AWKR298C

S/N: 0677

W/O# 17247

25170 Aviation Ave., Davis, CA 95616

Tach

2356

COMPLIED WITH AD 93-05-06 EFFECTIVE DATE 4/29/1993 BY DISASSEMBLY, INSPECTION, AND LUBRICATION OF THE GERDES IGNITION SWITCH. INSTALLED NEW ACS IGNITION SWITCH SERVICE KIT P/N 11-03654 PER ACS SB92-01. OPERATIONAL CHECK NORMAL. NEXT DUE 4356 TT.  
REMOVED NLG UPPER AND LOWER PUCK PAN ASSEMBLY. INSTALLED NEW NOSE LANDING GEAR UPPER PUCK PAN ASSEMBLY AND NEW BUSHINGS WITH NEW REBOUND BUMPER P/N 18380-001 AND SPACER WASHERS. INSTALLED NEW NOSE LANDING GEAR SPINDLE CUP. REINSTALLED NOSE FORK ASSEMBLY WITH NEW TEFLON BUSHINGS, THRUST WASHER AND BELLEVILLE WASHERS. SET BRAKE AWAY TENSION. INSTALLED NEW NOSE LANDING GEAR RIGHT WHEEL PANT BRACKET. REPOSITIONED PILOTS AND COPILOTS DOOR HANDLE ROLL PIN AND SECURED WITH LOCTITE 242. PERFORMED AILERON RIGGING AND SET CABLE TENSIONS. ADJUSTED ELEVATOR SECONDARY STOP. RESEALED COMPASS PER AIRPATH INSTRUCTIONS AND REINSTALLED. SEALED ENGINE BAFFLING.

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

Signed:

Shawn Matthies AWKR298C



# INSPECTION RECORD

1 01 100

N61SA STEEL AVIATION INC  
Airframe LOG

DATE 05/16/2019

MAKE Cirrus

Model SR22

Hobbs 2368.2

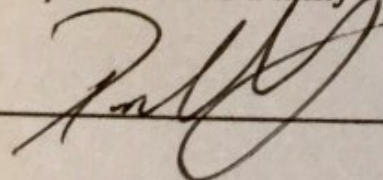
Flight

S/N 0699

1. Removed all flight controls, covers, inspection panels, and decals.
2. Stripped all flight controls using PR-2002, neutralized using ALK-600, cleaned and water brake tested, Etched, Aldine, and epoxy primed.
3. Prepared airframe for paint per Cirrus AMM 51-20
4. Painted airframe and flight controls per Cirrus AMM 51-20 using materials from Cirrus AMM 51-30.  
Titan gray SG00598  
Snow white CM0855102  
Black pearl SGP06693
5. Check all flight controls are within balance limits.
6. Reinstalled all flight controls, covers and inspection panels, window sealant, wing walk, gap seals and decals.
7. R&R interior kit from SCS.

The aircraft and /or component listed above was repaired and inspected in accordance with current regulations of the FAA, and is approved for return to service.

A/P 3176242 Danny Potter



N61SA STEEL AVIATION INC  
DATE 5/03/2019 Airframe LOG

MAKE Cirrus

Model SR22

Hobbs 2368.2

TACH N/A

S/N 0617

1.C/W ANNUAL INSPECTION in accordance with FAR 43 APENDIX D, Using Cirrus AMM as a guide.

2. C/W ELT inspection IAW FAR 91.207(D). no Defects noted. Next inspection due 05/2019. ELT battery next due 10/2024 ELT.

3.C/W SB2X-71-08 heat shield

4. R&R NEW landing light lens P/N 17298-001

5.R&R NEW wing walk P/N12683-004 &005

6.R&R new gap seals P/N 14390-03

7.R&R new ignition switch A-510-2

8.R&R new ELT bat

9.R&R new NLG tire and tube P/N 06-05100-2,06-00019

10.R&R new NLG rim P/N 40-77.

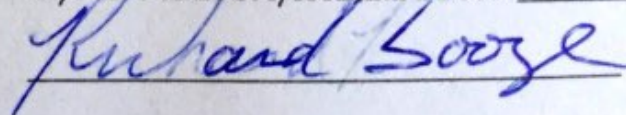
11.R&R new interconnect bungee P/N 12983-001

rebounded windows. I/A/W Cirrus AMM.

12.repaired deboned EMM GPS 2 I/A/W SBsr22-34-23R1

25.R&R PFD P/N 700-00006-000 S/N 21027134I certify that this aircraft has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P 279621029I/A Richard Booze





# Achievement Aviation of Ohio

CRS 9FDR993C

Facility Address:

6177 St Rd 219

Hangar 51

Celina, OH 45822

July 12, 2019      N61SA      Cirrus SR22      Hobbs time:2368.2

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F.

Altimeter: Avidyne EXP5000 Altimeter:United 5934AD-3 Encoder: ACK A30.9 Transponder: Avidyne AXP322

Serial No. D1283

Serial No. 432305

Serial No. 151088

Serial No. 08488

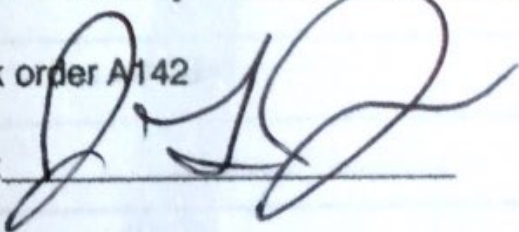
The altimeter was tested to 20,000 feet on this date.

The transponder was tested on this date.




Encoder data correspondence was tested to 20,000 feet on this date. Static system leak tested on this date.

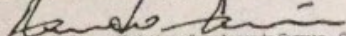
Details of the inspection are on file at the repair station under work order A142

July 12, 2019      Certified Repair Station 9FDR993C

Signature: 



PS-17 Passed Inspection	
Model: *AMX240*	Serial Number: *B01622*
	
Part Number: *050-890-0240*	
	
<p>The article identified above was manufactured and passed inspection in conformity with the PS Engineering Quality Management System, and is in condition for safe operation.</p> <p>All applicable tests have been performed. These test results are on file and available on request.</p>	
<input checked="" type="checkbox"/> FAA TSO <input type="checkbox"/> STC-PMA <input type="checkbox"/> No	Inspected By: A73 Inspection Date: 1/21/2019

Signed:   
 Randy Beavers, Greg Ledbetter, Mark Hartsell, or Armando Guzman - Quality Control Inspectors

002-000-0171 Rev 5 January 2013

## INSPECTION RECORD

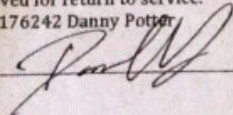
N61SA Phillipsburg Airport LLC  
AIRFRAME

DATE 5/16/19 Hobbs 2368.2  
 MAKE Cirrus Flight  
 Model SR22 S/N 0699

1. REMOVED GMA340, GNS 430's, GTN327 transponder.
2. Installed IFD550 P/N 850-00182-020  
 S/NM190847262, IFD440 P/N 850-00179-000  
 S/N M19114881, AXP322 ADSB OUT P/N  
 00745-00-05 S/N 08488, UAT ADSB receiver  
 P/N 87098-10-FR10 S/N 1913P197, CI-105-  
 16 antenna using Cirrus SB2X-23-05R1 as a  
 guide. AC-30 mod encoder.

The aircraft and /or component listed above was repaired and or  
 inspected in accordance with current regulations of the FAA, and is  
 approved for return to service.

A/P 3176242 Danny Potter



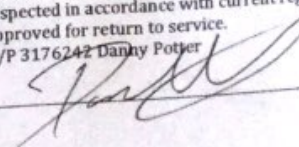
N61SA Phillipsburg Airport LLC  
AIRFRAME

DATE 5/16/19 Hobbs 2368.2  
 MAKE Cirrus Flight  
 Model SR22 S/N 0699

1. REMOVED GMA340, GNS 430's, 55x Autopilot  
 GTN327 transponder.
2. Installed IFD550 P/N 850-00182-020  
 S/NM190847262, IFD440 P/N 850-00179-000  
 S/N M19114881, DFC 90 P/N 700-00170-000  
 S/N M190646327, AXP322 ADSB OUT P/N  
 00745-00-05 S/N 08488, UAT ADSB receiver  
 P/N 87098-10-FR10 S/N 1913P197, CI-105-  
 16 antenna using Cirrus SB2X-23-05R1 as a  
 guide. AC-30 mod encoder.

The aircraft and /or component listed above was repaired and or  
 inspected in accordance with current regulations of the FAA, and is  
 approved for return to service.

A/P 3176242 Danny Potter





1. Approving National Aviation Authority/Country:  <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  <b>04-216623</b>	
4. Organization Name and Address:  L-3 Communications Avionics Systems, Inc. Repair Station Certificate No. NN2R037L 5353-52 <sup>nd</sup> Street S.E. Grand Rapids, Michigan 49512-9704				5. Work Order/Contract/Invoice No.  <b>216623</b>			
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/ Work	
<b>1</b>	<b>TAS TRC 497</b>	<b>805-10800-001</b>	<b>N/A</b>	<b>1</b>	<b>81310</b>	<b>REPAIRED</b>	
13. Remarks: <b>RETURN TO SERVICE</b> Unit complies with pertinent Airworthiness Directives and Service Bulletins. Unit was inspected, tested, and meets all specification requirements of Spec. No. <b>012-10800-001</b> Rev. <b>K</b> Work completed on <b>6 Oct 04</b> by <b>D. PETERSON</b> For work details see Service Work Report # <b>216623</b> <div style="text-align: right; font-size: small;">           Note: This certifies that the work specified in Block 12/13 was carried out in accordance with JAR-145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4260.         </div>							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature		16. Approval/Authorization No.		20. Authorized Signature		21. Approval/Certificate No.	
				<i>Mark Nieman</i>		<b>NN2R037L</b>	
17. Name (Typed or printed)		18. Date (m/d/y)		22. Name (Typed or Printed)		23. Date (m/d/y)	
				<i>Mark Nieman</i>		<b>10-7-04</b>	
<b>Airworthiness Approval Tag</b> <b>User/Installer Responsibilities</b> 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.							

N/8140V Cirrus #677



MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0667  
REG NO: N61SA  
WORK ORDER:  
5444-07-2020



### Classic Aviation, Inc.

501 W 15th St  
Pella, IA 50219  
Phone: 641-628-9393

DATE: 7/17/2020  
A/C TSN: 2379.3  
HOBBS: 2379.3

#### Airframe Entries

(1) Annual Inspection. Inspected aircraft in accordance with Cirrus A.M.M. checklist chap 5-20 and performed operational inspection IAW chap 5-30. Checked all controls and cables. Cleaned and greased all wheel bearings, checked brakes. Cleaned fuel strainer and reinstalled with new seals. Top charged main battery. Inspected intake and exhaust systems. Installed new induction air filter P/N- BA-24. Pressure checked cabin heat muffler with no defects noted. Checked all applicable AD's and updated list in aircraft records.... (5) Inspected and tested the ACK Technologies ELT in accordance with FAR 91.207(d), and found it to be operating properly. (battery due for replacement DEC 2025).... (6) Installed new ELT remote switch battery P/N- 28L. (Expires MAR 2028).... (7) Installed new TKS filter P/N- 26115-101 with (2) new o-rings P/N- 15164-092. Operation and leak check satisfactory.... (8) Installed new Battery #2 P/N 50979-001 (2). Performed operational check and found system to be operating properly.... (9) Resealed both left and right brake calipers by installing new o-rings P/N- M83461/1-222. Installed new temperature labels P/N- 51698-001 (Blue) and 51698-003 (Yellow), on both brake calipers. Bled both left and right brake systems with new 5606 fluid as needed.... (10) Installed new terminal cover P/N- MS25171-3S on battery cable end at MCU.... (11) Fabricated and installed new induction air filter stud.... (12) Installed new bolt AN4-11 in forward end of rudder actuator rod to rudder bellcrank and saftied as needed.... (13) Filled screw holes on Skywatch antenna with sealant as needed.... (14) Installed new flanged bushing P/N- 50145-002 on Pilot's upper door pin. Performed operational check and found to be operating properly.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 7/17/2020

SIGNED:

Wm. Haven Hick, IA: 3428785

Work Order: 5444-07-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0667  
REG NO: N61SA  
WORK ORDER:  
5963-06-2021



### Classic Aviation, Inc.

501 W 15th St  
Pella, IA 50219  
Phone: 641-628-9393

DATE: 6/18/2021  
A/C TSN: 2435  
HOBBS: 2435

#### Airframe Entries

(2) Checked and set tire pressures to the proper pressure using nitrogen.... (3) Checked brake fluid reservoir and found to be at the proper level.... (4) Installed new pilot push to talk switch P/N- 50339-001. Performed ops check, no discrepancies noted.

DATE: 6/18/2021

SIGNED:

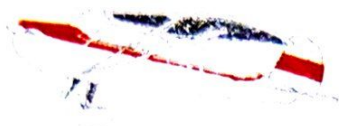
Kevin Creamer, A&P: 4340508

Work Order: 5963-06-2021

Printed by EBis 3 (datcomedia.com)



MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0667  
REG. NO: N61SA  
WORK ORDER:  
6054-08-2021



## Classic Aviation, Inc.

Repair Station No. Z5VR153B  
501 W 15th St  
Pella, IA 50219  
Phone: 641-628-9393

DATE: 8/4/2021  
A/C TSN: 2464.7  
HOBBS: 2464.7

### Avionics Entries

(1) I certify that the altimeter and static system tests required by 14CFR 91.411 and transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14CFR part 43, appendix E and F.

Pilots Altimeter Model:	Avidyne EXP-5000	Serial number	21027134
Standby Altimeter Model:	United 5934D-3	Serial number	432305
Transponder Model:	Avidyne AXP322	Serial number	08488
Encoder Model:	ACK A-30	Serial number	151088

The altimeters were tested to 20,000 feet on 08-04-2021

The transponder was tested on 08-04-2021

Encoder data correspondence was tested to 20,000 feet on 08-04-2021

Static system leak tested on 08-04-2021

### Maintenance Release

The aircraft and/or component(s) on N61SA was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 6054-08-2021, Dated 8/4/2021.

DATE: 8/4/2021

SIGNED:

Shane Vande Voort  
Certified Repair Station No. Z5VR153B

Work Order: 6054-08-2021

Printed by EBis 3 (datcomedia.com)



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

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

3. Form Tracking Number:  
56718

4. Organization Name and Address:

**Aircraft Quality Instruments, Inc.**  
2649 S. Custer Wichita, KS 67217 USA

FAA CRS A2QR419J

5. Work Order, Contract, or Invoice  
Number:  
75315

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1

Altimeter

5934AD-3

1

432305

Overhauled

12. Remarks:

The work order referenced describes the actual work performed. All work was performed  
I.A.W. manual # 5934

~~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.:

14b. Authorized Signature:



14c. Approval/Certificate No.:

FAA CRS A2QR419J

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

Phuoc Nguyen

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

02/Aug/2021

**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.



MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0667  
REG. NO: N61SA  
WORK ORDER:  
6027-07-2021



## Classic Aviation, Inc.

501 W 15th St  
Pella, IA 50219  
Phone: 641-628-9393

DATE: 8/5/2021  
A/C TSN: 2464.7  
HOBBS: 2464.7

### Airframe Entries

(1) Annual Inspection. Inspected aircraft in accordance with Cirrus A.M.M. checklist chap 5-20 and performed operational inspection IAW chap 5-30. Checked all controls and cables. Cleaned and greased all wheel bearings, checked brakes. Cleaned fuel strainer and reinstalled with new seals. Serviced and top charged main battery. Inspected intake and exhaust systems. Installed new induction air filter P/N- BA-24. Pressure checked cabin heat muffler with no defects noted. Checked all applicable AD's and updated list in aircraft records.... (5) Inspected and tested the ACK Technologies E-01 ELT system in this aircraft according to applicable aircraft and ELT manufactures instructions and applicable FAA guidance and found that it meets the requirements of FAR 91.207(d). battery due for replacement (DEC 2025).... (6) Removed standby Altimeter p/n 5934AD-3 serial number 432305 and reinstalled after overhaul by Aircraft Quality Instruments under their work order # 75315. Checked system for leaks.... (7) Installed New CHT probe P/N:14880-001 on Cyl#2. Performed operational check, no issues found at this time.... (8) Complied with SB 2X-34-08 "OAT Probe Ground Wire Installation" by installing new ground wire P/N- M22759/16-22-0 with new ends P/N- MS25036-101 and MS7928/5-6 from OAT probe to firewall ground jack P602. Checked resistance and found to be less than 2 ohms.... (9) Installed new wheel fairing plug P/N- 50498-200 in right wheel pant.... (14) Removed old tape from right and left belly exhaust heat shield, cleaned area and installed new tape P/N- 50561-045U with primer 94 to belly exhaust heat shields.... (15) Removed old tape, cleaned area, and installed new tape P/N- 50561-045U with primer 94 to the right and left lower wing root fairings where needed... (16) Removed aft tie down bumper. Cleaned area and applied 3M 94 primer. Inspected area for damage, with none found at this time. Installed new aft tie down bumper P/N- 16678-001 with CS3204B1/2 as needed. Work done in accordance with Cirrus SR22 Maintenance Manual Ch 53-20.... (17) Installed new wellnuts (3) P/N 50803-001 and (1) P/N 50802-001 on the left upper main landing gear fairing as needed.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 8/5/2021

SIGNED:

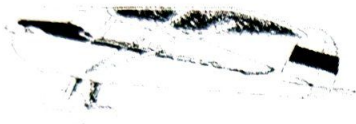
Work Order: 6027-07-2021

Wm. Haven Hick, IA: 3428785

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MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0667  
REG. NO: N61SA  
WORK ORDER:  
6659-09-2022



## Classic Aviation, Inc.

501 W 15th St  
Pella, IA 50219  
Phone: 641-628-9393

DATE: 11/10/2022  
A/C TSN: 2603.1  
HOBBS: 2603.1

### Airframe Entries

(1) Annual Inspection. Inspected aircraft in accordance with Cirrus A.M.M. checklist chap 5-20 and performed operational inspection IAW chap 5-30. Checked all controls and cables. Cleaned and greased all wheel bearings, checked brakes. Cleaned fuel strainer and reinstalled with new seals. Serviced and top charged main battery. Inspected intake and exhaust systems. Installed new induction air filter P/N- BA-24. Pressure checked cabin heat muffler with no defects noted. Checked all applicable AD's and updated list in aircraft records.... (5) Inspected and tested the ACK Technologies E-01 ELT system in this aircraft according to applicable aircraft and ELT manufactures instructions and applicable FAA guidance and found that it meets the requirements of FAR 91.207(d). battery due for replacement (DEC 2025).... (6) Resecured Rudder-Aileron interconnect bungee cord ends as needed and with cable ties. Verified positive bungee cord clearance under slack and full cross control movement with no issues noted at this time.... (7) Installed new EGT probe P/N- 14554-001 on cyl# 4 using EGT probe connector kit P/N- AR2002-101. Performed operational check and found working properly.... (9) Installed 2 new battery #2 batteries P/N- 50979-001. Performed operational check, operational check good.... (10) Installed new TKS filter P/N- 26115-101 with new o-rings P/N- 15164-092. Performed leak check found no leaks at this time... (11) Installed new reefing line cutters using kit P/N- 25347-002 in accordance with SR22 Component Maintenance Manual Chapter 95-01-01. Both new line cutters lot # 1RRL1022 manufacture date 10-2022, due for replacement 10-31-2028, Manufacturer P/N- 26707-001, Model # C1-8 serial numbers- 21542 and 21583.... (13) Disassembled, cleaned and reinstalled air wolf air oil separator.... (14) Cleaned area and reattached left and right exhaust heat shields with double sided tape P/N 50561-045U... (15) Secured wires under floor of center console area with zip tie to prevent rubbing on control cable.... (16) Removed center console armrest and installed new center console armrest liner assy P/N- 12260-002-008. Reattached removed armrest cover with Velcro.... (17) Replaced all main landing gear wheel bearings (4) P/N 13889-20629 and races (4) P/N 13826-20629.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 11/10/2022

SIGNED:

Wm. Haven Hick, IA: 3428785

Work Order: 6659-09-2022

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