

# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-550-N	R 917637
ENGINE			L
PROPELLER	Hartzell Propeller Inc	PHC-J34F-1RF	R
PROPELLER			L FP3575B
ENGINE			
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# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

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

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.

**TESTED TO** 18,000 **FEET ON** 04/12/05

**Transponder:** Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83719415

**Encoder:** Model ACK P/N A-30 S/N 94673

**Altimeter:** Mfg Avidyne

(PFD) 15222-002 S/N 20594065

Mfg United P/N 12731-002 S/N 445509

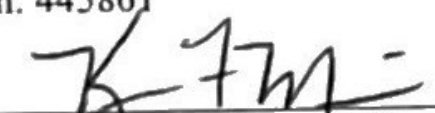
CDC Quality Assurance  on 04/12/05

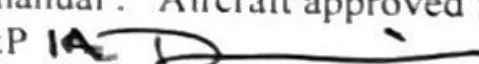
Cirrus Design Corporation Duluth, MN USA

**PC# 338CE**

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

# RADIO & ELECTRONIC CHECKS

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY    CERT NO.
<p><b>SOUTHEAST AERO SERVICES, INC.</b>  <b>385 Hawkeye View Lane</b>  <b>St. Augustine, Florida 32095</b>                      FAA Cert. Repair Station UV4R584M</p>							
Aircraft: N771SL		Date: 4/17/2007		Work Order #: 12713			
The altimeter(s) and static pressure system tests required FAR 91.411 have been performed and found to comply with FAR part 43 appendix E. The altimeter(s) and altitude encoder have been tested to 20,000'.				The ATC transponder tests and inspections required by FAR 91.413 have been performed and found to comply with FAR part 43 appendix F.			
#1 Altimeter p/n: 700-00006-000		s/n: 20594065		Transponder model: GTX-327			
Encoder p/n: A-30		s/n: 94673		s/n: 83719415			
#2 Altimeter p/n: 5934D-3		s/n: 445861					
 Inspector - Kevin F. Merlie							

EQUIPMENT	TYPE OF	ERROR OR	NEXT CHECK	CHECKED BY: — CERT. NO.
<p><b>OMEGA</b> AVIATION SERVICES</p>				
				3000 Logan Road South Hanger Weatherford, OK 73096 580-774-5393
Date: July 21, 2011				Registration: N771SL
Hobbs Time: 1107.4				Serial Number: 1405
Flight Time: 70.4				
Removed both left and right magneto and #4 intake to gain access to left magneto. Sent magnetos to D7B engines for 500 hour inspection see 8130-3 tracking number 9447 for work performed. Installed LoPresti Boom Beam landing light. Removed existing light and control box and installed LoPresti LSM-500-395-23 reflector landing light and LoPresti Ballast LSM-SCD-019-1 verified operation with no faults noted. Installed LoPresti Light in accordance with LoPresti installation instructions LSM-500-082 Rev F dated 2-11-11. Instructions for continued airworthiness located in LoPresti manual LSM-500-082 Rev F dated 02-11-11. LoPresti Light installed in accordance with MDL Report #43 Rex X dated 8-3-10. This installation is authorized by STC SA02279AT. No change to weight and balance. Work performed in accordance with Cirrus MM, TCM MM and LoPresti Installation manual. Aircraft approved for return to service for the work performed. Dennis K. Falasco 3174880 A&P 				

# RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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M91E-1000us  
 M91E1-1802  
 S/N 1409  
 FEI-NO N771L  
 WORK ORDER  
 29155-09-2012



**Commander Aero, Inc.**

Repair Station No. GA5R-876M  
 10570 Springdale Pike  
 Mansfield, Ohio 44841 USA  
 Phone: (440) 551-5530

DATE: 9/26/2012  
 AIR TIME: 142.9  
 FLIGHT TIME: 142.9

## Avionics Entries

(1) Adjusted ACK A-30 Altitude Encoder, S/N 94673, to correct 200' Discrepancy. Ramp tested system. Normal Altitude Reporting Restored.

### Maintenance Release

The aircraft and/or component(s) on N771L was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 29155-09-2012.

DATE: 9/26/2012

SIGNED:

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

Work Order: 29155-09-2012

Printed by EBis 3 (datcomedia.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
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MAKE Cirrus  
 MODEL SR22-G2  
 S/N 22-1405  
 REG NO 771SL  
 WORK ORDER  
 3472-04-2005



### Cirrus Design Factory Service Center

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

DATE 4/23/2005  
 A/C TSN 6 6  
 HOBBS 6 6

#### Airframe Entries

(1) Removed alternator #2 and removed drive shear coupling and replaced with new, p/n 82-00067, reinstalled alternator #2 Work done IAW CDC SR22 MM 24-30 Ops check good

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/23/2005

SIGNED:

Joseph Sullivan  
 Certified Repair Station No YD5R855Y

Work Order: 3472-04-2005

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MAKE Cirrus  
 MODEL SR22-G2  
 S/N 22-1405  
 REG NO 771SL  
 WORK ORDER  
 3500-04-2005



### Cirrus Design Factory Service Center

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

DATE 4/27/2005  
 A/C TSN  
 HOBBS 7 2

#### Airframe Entries

(1) Buffed paint scratch on front of prop blade near tip IAW CDC MM 51-30 (2) Adjusted takeoff RPMs IAW cirrus mm chapter 61-20, operational check good (3) Takeoff RPM tests ok per test pilot Matt

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/27/2005

SIGNED:


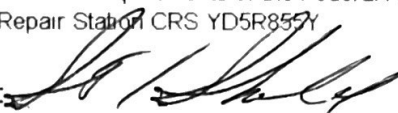

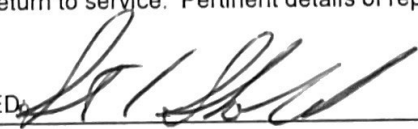
Dave Ruuskanen  
 Certified Repair Station No YD5R855Y

Work Order: 3500-04-2005

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# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE Cirrus MODEL SR22-G2 S/N 22 1405 REG NO 771SL WORK ORDER 3523-04-2005	 <b>Cirrus Design Factory Service Center</b> Repair Station No YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218- 788-3101	DATE 4/28/2005 A/C TSN HOBBS 12
	<b>Airframe Entries</b> (1) 28-20 Removed, inspected & replaced fuel gascolator screen P/N B100510 IAW MM 28-20 Performed pressure leak test of gascolator assembly, leak checks good  I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
	DATE: 4/28/2005	SIGNED:  Steve Sholund Certified Repair Station No YD5R855Y	Work Order: 3523-04-2005 Printed by EBis 3 (datcomedia.com)
	MAKE: Cirrus MODEL: SR22-G2 S/N: 22-1405 REG. NO: 771SL WORK ORDER: 3532-04-2005	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	DATE. 4/29/2005 A/C TSN: HOBBS: 18.6
	<b>Airframe Entries</b> (1) Adjusted Standby Inclinator using standard maint. practices.		
	I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
	DATE: 4/29/2005	SIGNED:  Steve Sholund Certified Repair Station No. YD5R855Y	Work Order: 3532-04-2005 Printed by EBis 3 (datcomedia.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
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MAKE: Cirrus  
MODEL: SR22-G2  
S/N 22-1405  
REG NO: 771SL  
WORK ORDER:  
3542-05-2005



### Cirrus Design Factory Service Center

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

DATE: 5/2/2005  
A/C TSN:  
HOBBS: 29 5

#### Airframe Entries

(2) Adjusted idle to 700 RPM and mixture for a 50 RPM rise IAW TCM IO550 MM 22-9 and SID97-3C. (3) Removed and replaced gascolator screen with new IAW CDC SR22 MM 28-20. Leak and ops check good.... (4) Removed and replaced Alt #2 field control module with new, p/n 14605-010, IAW CDC MCU Component Maintenance Manual 24-01. Ops check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 5/2/2005

SIGNED:

Work Order: 3542-05-2005

Karl Hagglund  
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22-G2  
S/N 22-1405  
REG NO: 771SL  
WORK ORDER:  
3550-05-2005



### Cirrus Design Factory Service Center

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

DATE: 5/3/2005  
A/C TSN:  
HOBBS: 32

#### Airframe Entries

(1) Removed Alternator #2 P/N 13565-001 S/N 0253416 and installed a serviced Alternator #2 P/N 13565-001S S/N 0642807 in accordance with Cirrus SR22 maintenance manual 24-30. Removed and replaced the Alt #2 field control module P/N 14605-010 in accordance with Cirrus MCU Component Maintenance Manual 24-01. Alt #2 Functional check good.... (2) Adjusted idle to 700 RPM and mixture for a 50 RPM rise IAW TCM IO550 MM 22-9 and SID97-3C.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 5/3/2005

SIGNED:

Work Order: 3550-05-2005

Karl Hagglund  
Certified Repair Station No. YD5R855Y

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# MAINTENANCE RECORD

## F.A.R. 43.9

E  
COF

SERVICE


AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
LOG ID# 1554 26-May-2005 WO# 4920 REF# 4920 HOBBS 57.2  
N771SL S/N 1405 CIRRUS SR22

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-AIRFRAME LOG-

INSTALLED THE AEROX BUILT IN OXYGEN SYSTEM IAW STC SA00199B0 AND MASTER DRAWINGS 4110-150 REV.D DATED 05/02/2005 & DRAWINGS 4110-100 REV.C DATED 10/15/2004. SERVICED O2 BOTTLE TO SPECS. UPDATED AIRCRAFT W/B SHEET, SEE LOGS FOR 337.

OXYGEN CYLINDER HYDROSTATIC TEST DUE: 05/2008  
OXYGEN CYLINDER REGULATOR VALVE OH DUE: 05/2011  
OXGEN KEVLAR BOTTLE LIFE LIMITED TO: 05/2020

  
Signed A&P2863831 DANIEL R. EBY

5-23-05

CIRRUS

N771SL

adjusted autopilot warning audio lower.  
ops check ok. tested turner pot to audio  
output of skywatch & tested OK. Details  
on file W.O. 10493 this date.

Hobbs 57.2

LANCASTER AVIONICS INC  
LANCASTER AIRPORT  
LITITZ, PA 17543

DATE 5-23-05

CERTIFICATE NO. LN7R261N

SIGNED 



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7-5-05	Hobbs: 104.1 c/w CIRRUS	SB. # 2X-22-04 <del>4</del> by removing pitch servo P/N 0108-15-14 s/n 0507-14216 and installing WARR. EXCH. P/N 0520-14566 BCDEFHJK. Ramp test to MFG specs. REF W/L 10625.	STEC SB. # 05-004R1
		LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>7-5-05</u> CERTIFICATE NO. LN7R261N SIGNED <i>James J. Mazzante</i>	

AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
 LOG ID# 1627 05-July-2005 WO# 5019 REF# 5019 HOBBS 104.1  
 N771SL S/N 1405 CIRRUS SR22

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ENGINE LOG-  
 COMPLETED A 50HR INSPECTION IAW THE CIRRUS 50HR SERVICE CHECKLIST. NO OIL CHANGE DONE AT THIS TIME. COMPLETED 20.6HRS AGO. VISUALLY INSPECTED OIL LINES AND FITTINGS, SPARK PLUGS LEADS, AIR INTAKE DUCTS, ALTERNATE AIR DOOR, BREATHER TUBE, ENGINE COMPARTMENT AND COWLINGS, EXHAUST SYSTEM, CLEANED AND DRAINED FUEL GASCOLATOR BOWL, C/W SB 22-71-03 OIL COOLER BAFFLE MODIFICATION, C/W CONTINENTAL SIL 97-3C ENGINE FUEL SYSTEM SET UP, ADJUSTED IDLE SPEED AND MIXTURE RISE. GROUND RUN AND LEAK CHECKED GOOD. -END-

Signed *James J. Mazzante* A&P 2699478 JAMES J. MAZZANTE

# 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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AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
LOG ID# 1628 05-July-2005 WO# 5019 REF# 5019 HOBBS 104.1  
N771SL S/N 1405 CIRRUS SR22

Pg 1 / 1

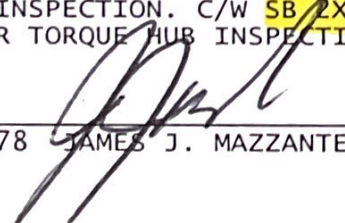
~~AIRFRAME LOG-~~  
COMPLETED A 50HR INSPECTION IAW THE CIRRUS 50 HR SERVICE CHECK LIST. INSPECTED BRAKE SYSTEM, TIRES, WHEEL FAIRINGS, SERVICED BATTERY AND INSPECTED BATTERY PLATFORM AND TERMINALS.-END-

Signed A&P 2699478  JAMES J. MAZZANTE

AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
LOG ID# 1826 20-October-2005 WO# 5216 REF# 5216 HOBBS 193.3  
N771SL S/N 1405 CIRRUS SR22

Pg 1 / 1

~~PROPELLER LOG-~~  
COMPLETED A 50HR INSPECTION. C/W SB 2X-61-02R1 PROPELLER SPINNER HUB TORQUE INSPECTION, C/W SB 2X-61-03 PROPELLER TORQUE HUB INSPECTION.-END-

Signed A&P 2699478  JAMES J. MAZZANTE

\* COPY IN PROPELLER LOG BOOK



# MAINTENANCE RECORD

## F.A.R. 43.9

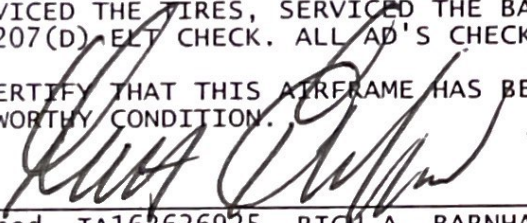
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
 LOG ID# 1909 22-December-2005 WO# 5295 REF# 5295 HOBBS 228.9  
 N771SL S/N 1405 CIRRUS SR22 Pg 1 / 1


**-AIRFRAME LOG-**

COMPLETED AN ANNUAL INSPECTION USING THE CIRRUS AMM CHECK LIST AS A GUIDE. C/W SB 2X-28-04R1 FUEL LINE CHAFFING, C/W SB 2X-57-07 AFT WING ATTACH FITTING TORQUE INSPECTION, ROTATED THE MAIN GEAR TIRES, REPLACED THE LEFT AND RIGHT BRAKE LININGS, REMOVED, CLEANED AND REINSTALLED LEAKY LOWER BRAKE RESERVOIR FITTING, INSTALLED NEW LEFT WING AILERON GAP SEAL, REMOVED FUEL STAIN FROM UNDER LEFT WING, REPAIRED AND PAINTED SMALL DING AFT RIGHT TOP COWLING, REPLACED THE #6 EGT PROBE, DRAINED ALL FUEL SUMPS, CLEANED AND INSPECTED THE FUEL GASCOLATOR BOWL, REPLACED THE INDUCTION AIR FILTER, SERVICED THE TIRES, SERVICED THE BATTERY, SERVICED THE BRAKE FLUID, COMPLETED A LIGHT CHECK. C/W FAR 91.207(D) ELT CHECK. ALL AD'S CHECKED THRU 05-24.-END-

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



Signed IA162626925 RICH A. BARNHART II

12-28-05	Hobbs 229.5	Removed, upgraded & reinstalled Avidyne PFD, ser no. 20594065 and Avidyne MFD EX5000, SN 23237514. (Release 6 Software Upgrades). Configured all setup pages & performed May Cal & IRU Cal to PFD. All ops chks OK. Details on file. w.o. Ref 11107 (aok)	LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 12-28-05 CERTIFICATE NO. LN7R261N SIGNED 
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# MAINTENANCE RECORD

## F.A.R. 43.9

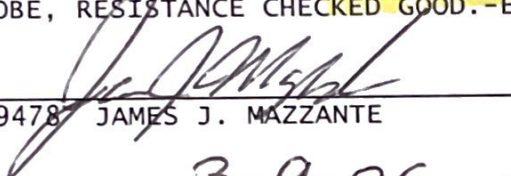
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
 LOG ID# 2015 01-March-2006 WO# 5395 REF# 5395 HOBBS 287.1  
 N771SL S/N 1405 CIRRUS SR22

Pg 1 / 1

-AIRFRAME LOG-

C/W SB 2X-25-17 CREW SEAT BREAK OVER BOLT PIN REPLACEMENT, C/W SB 2X-32-14R1 MLG FAIRING  
 MODIFICATION FOR INSPECTION HOLE, C/W SB 2X-57-06 FLAP HINGE FAIRING REPLACEMENT, TIGHTENED BACK  
 SHELL OF OAT PROBE, RESISTANCE CHECKED GOOD.-END-

SIGNED A&P 2699478  JAMES J. MAZZANTE

3-9-06 Cirrus N771SL Hobbs 295.0

Removed faulty #2 GNS430, SN 97126351  
 and installed warranty exchange GNS430,  
 SN 97131027, Reconfigured Setup pages.

All ops checks OK.

Details on file -

w.o. Ref 11334 

LANCASTER AVIONICS INC

LANCASTER AIRPORT

LITITZ, PA 17543

DATE 3-9-06

CERTIFICATE NO. LN7R261W

SIGNED 



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 LN7R261N  
 LOG ID# 702 02-May-2006 WO# 11516  
 N771SL S/N 1405 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

\*\*\*\* ITEM # 11516-1 INSTALL AVIONICS COOLING FAN \*\*\*\*

DISCREPANCY: INSTALL AVIONICS COOLING FAN.

ACTION: REMOVED CIRRUS COOLING FAN AND INSTALLED LONE STAR CYCLONE 600 FAN. FAN WAS INSTALLED IAW AC43.13-1B/-2A CHAPTER 2 AND APPROPRIATE MFG'S INSTALL MANUALS. FAN WAS FUNCTIONALLY TESTED AND WAS FOUND TO PERFORM ITS INTENDED FUNCTION WITH NO ADVERSE EFFECTS ON OTHER AIRCRAFT SYSTEMS. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. EQUIPMENT LIST REVISED.

\*\*\*\* ITEM # 11516-2 UPDATE GTX327 SOFTWARE \*\*\*\*

DISCREPANCY: UPDATE GTX327 SOFTWARE.

ACTION: UPDATED GTX327 TRANSPONDER S/N 83719415 FROM VERSION 2.08 TO VERSION 2.09. OPS CHECKED GOOD.

[Signature]

CRS# LN7R261N

Date

6-7-06	Hobbs 358.2	C/w Avdyne SB 601-0004-069 by upgrading mfd software from 6.0 to 6.1. Verified all config settings. All ops checks OK. Details on file. W.O. 11624	LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 6-7-06 CERTIFICATE NO. LN7R261N SIGNED [Signature]
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# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
15 JUNE 06	362.8	HOBBS - DISCREPANCY: MAIN BATTERY WAS PARTIALLY DISCHARGED DUE TO ALT. FAILURE. CORRECTIVE ACTION: REMOVED MAIN BATTERY - CHARGED, TESTED AND SERVICED ELECTROLYTE - RE-INSTALLED BATTERY. <i>Allyn Jahn</i>	AAP 192603131

AIRWAYS, INC. 530 AIRPORT RD LITITZ, PENNSYLVANIA 17543  
 LOG ID# 2211 29-June-2006 WO# 5613 REF# 5613 HOBBS 370.6  
 N771SL S/N 1405 CIRRUS SR22

Pg 1/1

-AIRFRAME LOG-  
 SECURED TRIM PIECES ON PILOTS SIDE DOOR, REPLACED THE FEMALE PINS ON THE TACH SENSOR PLUG. RUN UP CHECKED GOOD.-END

  
 SIGNED A&P 2699478 JAMES J. MAZZANTE

# 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



Your FIRST CHOICE in  
maintenance services

**FAA CRS LC1R291K**  
**Work Order: 1007067**  
**N771SL Date: 10/31/2006**  
**Time: 456.7**

### AIRFRAME

Complied with SB 2X-28-05 R2 by installing kit 70159-001.  
Complied with SB 2X-71-14 by replacing baffle assembly  
number 15487-001. Complied with SB 2X-24-06 by installing kit  
70131-001. Complied with SB 2X-71-12 R2 by installing kit  
70500-002. Complied with SB 2X-52-04 R1 by installing kit  
70168-001.

A handwritten signature in blue ink, appearing to read 'David Schober'.

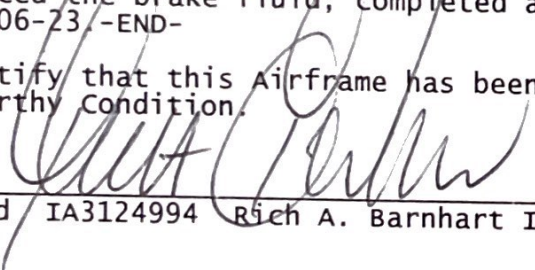
David Schober for Frederick Aviation



Advanced Aircraft Services, LP. 500 Airport Rd Suite D Lititz, PA 17543  
 LOG ID# 13 12-December-2006 WO# 160 REF# 160 AC TT 478.8  
 N771SL S/N 1405 CIRRUS SR22 TACH 478.8

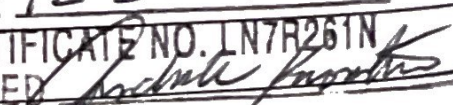
-Airframe Log-  
 Completed an Annual inspection using the Cirrus AMM check list Ch. 5-20.  
 C/w AD 2006-21-03 POH, Brake caliper overheat damage. (Due 12/07 or H:578.8)  
 Cleaned, inspected and repacked all wheel bearings, replaced the right MLG grommet, Removed pilots  
 side right brake master cylinder, cleaned, inspected and resealed. Reinstalled in aircraft. Replaced  
 the Anti-skid tape on the co-pilots side step, Rebonded the right lower wing root fairing to  
 fuselage, replaced both cabin door lower rod ends, repaired the #1 exhaust collector bracket,  
 replaced the right side aft nav lamp, replaced the pilots side sun visor, replaced the #2 aircraft  
 batteries, cleaned and inspected the fuel gascolator bowl, serviced the tires, serviced the battery,  
 serviced the brake fluid, completed a light check, C/w FAR 91.207(d) ELT check, All AD's current  
 thru 06-23. -END-

I certify that this Airframe has been inspected IAW an Annual Inspection and was found to be in  
 Airworthy Condition.



Signed / IA3124994 Rich A. Barnhart II

Date

12-20-06	Hobbs 480.5	Removed, sent out for repair and reinstalled Avidyne EX5000 MFD, SN 23237514 and PFD, SN 20594065. Performed Static System leak chk. Performed setup procedures & mag cal. to PFD & setup procedures to MFD. Relocated #2 GPS antenna for troubleshooting purposes. All ops chks OK. Details on file. W.O. Ref 12181	LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 12-20-06 CERTIFICATE NO. LN7R261N SIGNED 
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# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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### SOUTHEAST AERO SERVICES, INC.

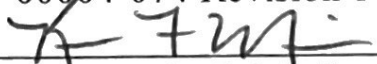
385 Hawkeye View Lane

St. Augustine, Florida 32095

FAA Cert. Repair Station UV4R584M

Cirrus SR-22 s/n: 1405 N771SL Hobbs: 505.2 4/17/2007 w/o# 12717

Updated checklists in EX-5000C Multi-Function Display s/n: 23237514 to revision A7.2 with reference to Avidyne Service Bulletin 601-00004-057 dated 1/13/2006. Upgraded EX-5000C Multi-function Display software from 530-00180-100 Revision 02 to 530-00180-100 Revision 03 with reference to Avidyne Service Bulletin #601-00004-074 Revision 1 dated 1/18/2007



Inspector-Kevin F. Merlie

MAKE: Cirrus  
MODEL: SR22  
S/N: 1405  
REG. NO: N771SL  
WORK ORDER: 299

### Advanced Aircraft Services LP

500 Airport Road Suite D  
Lititz, PA 17543  
Phone: 717-735-5179

DATE: 6/18/2007  
A/C TSN: 520 6  
HOBBS: 520 6

### Airframe Entries

Serviced o2 Bottle to specs. Inspected brake linings, tires, serviced battery and brake fluid.

### Maintenance Release

The aircraft and/or component(s) on N771SL 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 facility under Work Order No. 299, Dated 6/18/2007.

DATE: 6/18/2007

SIGNED:



James J. Mazzante, A&P. 2699478

Work Order: 299

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# MAINTENANCE RECORD

## F.A.R. 43.9

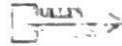
DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

10/19/2007  
1000000000  
1000000000  
1000000000  
1000000000



**Dulles Aviation, Inc.**

Repair Station No. 11E-031E  
11000 Chesapeake Court  
Manassas, Virginia 20108  
Phone: 703-797-1111

DATE: 10/19/2007  
1000000000  
1000000000

### Airframe Entries

1. Removed #1 rib-stitch P/N B741111, N1641907. Found rib-stitch replaced. Installed rib-stitch (item #101115) from MS. (A71155) to 5007. (A71155) to 5007.

Maintenance Release

The airframe and its components (A71155) was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. Details of the repair are in file at this repair station under Work Order No. 1970.

DATE: 10/19/2007

SIGNED:


Charles Edward Schoenradt  
Certificate Repair Station No. 11E-031E

Work Order: 1970

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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
17 APR 05	6.3	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Ross E. Rotramel Date <u>17 APR 05</u></p> <p>Signature: <u>Ross E. Rotramel</u></p> <p>Title: Production Flight Test Pilot</p>
Apr-21-2005	6.6	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Apr / 21 / 2005</u>. The next inspection is due <u>Apr / 30 / 2006</u>.</p> <p></p> <p>PAUL R. SITKO DMIR-410373-CE</p>



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 1405  
 REG. NO: N771SL  
 WORK ORDER: 508

**Advanced Aircraft Services LP**

500 Airport Road Suite D  
 Lititz, PA 17543  
 Phone: 717-735-5179

DATE: 1/15/2008  
 A/C TSN: 594.7  
 HOBBS: 594.7

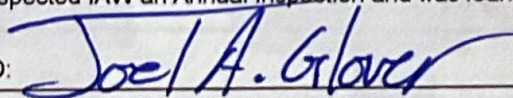
**Airframe Entries**

Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20.... Rebonded the wing root fairing as needed to fuselage.... Complied with SB 2X-27-14R3 Rudder/aileron interconnect modification.... Replaced a small section of the chaffe tape on the L/H flap.... Removed the #2 alternator and replaced the garlock oil seal. Reinstalled alternator with new gasket and torqued flange nuts per the B&C torque recommendations.... Removed R/H main landing gear fairing bracket and welded crack as needed.... Adjusted the prop rigging to achieve max static RPM's to 2650.... Serviced the tires, serviced the battery, Serviced the brake fluid reservoir, cleaned and inspected the fuel gascolator screen, Completed a light check, C/W FAR 91.207(d) ELT check. All AD's current thru 08-01.-END-

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 1/15/2008

SIGNED:



Work Order: 508

Joel A. Glover, IA: 2849196

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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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✦ SANTA FE  
**AERO SERVICES**

WINGS  
MAINTENANCE  
SALES

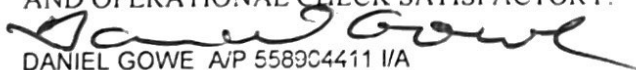
121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

**N771SL**

**Airframe Log**

Date: 02-01-09	Make: Cirrus	Model: SR-22	S/N: 1405
Tach: N/A	Hobbs: 660.3	TTAF: 660.3	

C/W AN ANNUAL INSPECTION IAW CIRRUS SR-22 MM, OPERATIONAL INSPECTION REPORT AND SR-22 OVERHAUL AND REPLACEMENT SCHEDULE. RESEARCHED AD'S THROUGH 02-01-09. C/W FAR 91.207 (d), ELT INSPECTION. INSTALLED NEW INDUCTION AIR FILTER, P/N BA-24. INSTALLED NEW MLG BRAKE CALIPER PISTON O'RINGS, P/N MS28775-222. BLEAD BRAKES. INSTALLED NEW MLG TIRES, P/N 5X600X6, BALANCED TIRES. INSTALLED NEW NOSE WHEEL BEARINGS, P/N 08125-20629, AND RACES, P/N 08231-20629. C/W SB 2X-51-03, INSTALLED FLAP HINGE PROTECTIVE TAPE BY INSTALLING SERVICE KIT, P/N 70214-001. INSTALLED NEW L/H WHEEL PANT BRACKET, P/N 17205-001. INSTALLED NEW NOSE WHEEL LANDING GEAR REBOUND BUMPER, P/N 18380-001. LEAK AND OPERATIONAL CHECK SATISFACTORY.

  
DANIEL GOWE A/P 558904411 I/A

This aircraft has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition and is returned to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order #890

# 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

N771SL

✦ SANTA FE

# AERO SERVICES

Airframe Log

WEIGHTS  
MAINTENANCE  
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 03/20/09	Make: CIRRUS	Model: SR-22	S/N: 1405
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Tach:	Hobbs: 0662.5	TTAF:	
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COMPLIED WITH SB 2X-52-07 R4 PASSENGER AND CREW DOORS AND CABIN DOOR ROD END REPLACEMENT, WITH CIRRUS KIT P/N 70186-005 AND KIT 70186-005. REMOVED BATTERY #2, REPLACED WITH 2 NEW BATTERIES, P/N 50979-001. C/W AD 2006-21-03, BRAKE CALIPER O-RING REPLACEMENT, BY INSTALLATION OF NEW CALIPER O-RINGS MS28775-222. LEAK AND OPS CHECKS SATISFACTORY.

Brandon Maestas

A&P 3318467



Work accomplished at Santa Fe Aero Services, LLC. Reference work order #926



# CUTTER AVIATION, INC.

**ALBUQUERQUE**

FAA Repair Station GMZR383E  
505 842-4184

REG # N771SL  
S/N 1405  
HM 672.1  
TACH N/A

DATE 4/28/09  
W/O 01A-2851  
AFTT N/A

1. Removed #1 Garmin GNS 430 GPS/Com/Nav P/N 011-00280-10 S/N 97126427, removed the memory battery dated 9/04 and installed new battery dated 1/08. Reinstalled GNS 430.
2. Performed upgrade of main software from v. 5.01 to v. 5.04 IAW Garmin Software Service Bulletin No. 0844 dated 14 Nov 08 to both the #1 and #2 GNS 430s S/Ns 97126427 and 97131027 respectively. Both GNS 430s ramp check good IAW mfg's specs.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Joseph Dougherty

SIGNATURE: 

Page 1 of 1

N771SL

✦ SANTA FE

## AERO SERVICES

Airframe Log

AVIONICS  
MAINTENANCE  
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 01-06-10	Make: CIRRUS	Model: SR-22	S/N: 1405
Tach: N/A	Hobbs: 689.1	TTAF: 689.1	

INSTALLED NEW #1 PRIMARY AIRCRAFT BATTERY, P/N G243, S/N G02480389.

  
DANIEL GOWE A/P 558904411 IA



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

N771SL

SANTA FE

# AERO SERVICES

Airframe Log

FT FOR SERVICE

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 03-15-10	Make: CIRRUS	Model: SR-22	S/N: 1405
Tach: N/A	Hobbs: 694.3	TTAF: 694.3	

C/W AN ANNUAL INSPECTION IAW CIRRUS SR-22 OPERATIONAL INSPECTION REPORT AND SR-22 OVERHAUL AND REPLACEMENT SCHEDULE ITEMS. RESEARCHED AD'S THROUGH 03-15-10. C/W FAR 91.207 (d) ELT INSPECTION, NO DEFECTS NO NOTED. C/W SB 2X-32-19 R2, NOSE GEAR WELDMENT INSPECTION, NO DEFECTS NOTED. C/W SB 2X-27-16, FLAP ACTUATOR MODIFICATION KIT, P/N 70231-001, RIGGED FLAPS IAW CIRRUS MM. C/W OXYGEN CYLINDER HYDROSTATIC TEST IAW 49CFR180.205, CYLINDER P/N 4110-120-3, S/N 13749. SERVICE PROVIDED BY AERO CARE, INC. ON W/O #7302, NEXT DUE 03-2015. INSTALLED NEW NOSE LANDING GEAR REBOUND BUMPER, P/N 18380-001. INSTALLED NEW INDUCTION AIR FILTER, P/N BA-24. LEAK AND OPERATIONAL CHECK SATISFACTORY.

  
DANIEL GOWE A/P 553904411 I/A

This Aircraft has been inspected IAW an ANNUAL Inspection and has been determined to be in airworthy condition and is returned to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 1433





# 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

MAKE Cirrus  
MODEL SR22  
S/N 1409  
REG NO N771SL  
WORK ORDER  
28340-08-2010



**Commander Aero, Inc.**

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

DATE 8/11/2010  
A/C TSN  
TACH

### Avionics Entries

(4) Troubleshoot Autopilot system to isolate Pitch Trim Failure. Traced fault to defective Autopilot Computer/Controller, S-Tec 55X, P/N 01192-34-61T-30, S/N 0511-7984. Unit requires return to manufacturer for repair. Advised customer as to repair turn time. Customer elected not to have unit sent out at this time. No further action taken.

Maintenance Release

The aircraft and/or component(s) on N771SL was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No 28340-08-2010, Dated 8/11/2010

DATE: 8/11/2010

SIGNED:

Work Order: 28340-08-2010

Musgrave, Jack  
Certified Repair Station No GA5R-876M

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION STATUS & DISCREPANCY

FOR SERVICE

DATE

AIRCRAFT TIME  
IN



### Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
 P.O. Box 582108 - Tulsa, OK 74158  
 (918)836-6418 - Fax (918)832-0136  
 FAA CRS CM2R747K  
 Logbook Entry

Sold To: Ziggy Sanchez  
 P.O. Box 3471  
 Edmond, OK 73083 United States

Work Order:  
 Acct Number:

MA10-03110  
 405-308-0635

Opened: 8/26/2010  
 Closed:

Aircraft Number:	N771SL	Type: CIRRUS SR22	S/N: 1405
Total Time:	Hobbs Time:	Tach Time:	LG Cycles:
Eng# Type	S/N	Time Cycles Prop Type	Prop S/N Prop Time
1			

**Discrepancy: 1**

**Action Taken:**  
 Removed cowling and cleaned connectors for tach sensor at the aft engine baffle.

**Discrepancy: 2**

**Action Taken:**  
 Alternator #2 light is remaining on. #2 alternator was charging with correct voltages. Removed the logic module p/n: 14610-002 wo: 4-14 and in its place installed new logic module p/n: 14610-002 wo: 09-34 Lot # 862447. Verified operation on run-up.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
14610-002	Logic Module, Potted		1.00	Each	\$	

**Miscellaneous Charges:**

Misc Supplies: \$

**Totals:**

SubTotal: \$

Total Charges: \$

The articles and/or work hereon described is/are certified  
 airworthy (unless otherwise specified).

Autopilots Central, Inc.  
 FAA CRS CM2R747K

Authorized Signature

Parts installed may be FAA/PMA'd or STC's parts and not of "Original Equipment Manufacture" (OEM) and as such are not covered by the OEM's Warranty.



DATE

IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR BY

MAKE Cirrus  
MODEL SR22  
S/N 1409  
REG NO N771SL  
WORK ORDER  
28359-08-2010



### Commander Aero, Inc.

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

DATE 9/2/2010  
A/C TSN 792  
FLIGHTTIME 792

### Airframe Entries

(1) Painted right and left wing inboard leading edges.... (2) Repaired and painted right side of upper engine cowling.... (3) Painted NLG strut cover.... (4) Touched up numerous paint spots on wingtips and horizontal stab tips.... (5) Applied abrasion tape to NLG strut cover, tow bar, and front cover on wheel pant.... (6) Applied abrasion tape to MLG strut cover, and wheel pant.... (7) Repaired and painted abrasion tape to MLG strut cover, and wheel pant.... (8) Sealed right and left inboard leading edge wingroot fillet fairings.... (9) Applied abrasion tape on right and left inboard leading edges.

### Maintenance Release

The aircraft and/or component(s) on N771SL was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No 28359-08-2010, Dated 9/2/2010

DATE: 9/2/2010

SIGNED:

Work Order: 28359-08-2010

Kromer, Gary  
Certified Repair Station No GA5R-876M

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DATE

11/03/10 HOBBS: 889.6 AFTT: 889.6 N771SL SR22 S/N 1405 WO: A23066W  
 REMOVED EXISTING STEC AUTOPILOT COMPUTER P/N 01192-34-61T-30;S/N 0511-7984 AND **INSTALLED  
 NEW AVIDYNE DFC90 AUTOPILOT COMPUTER** P/N 700-00170-000;S/N M103414801 REFERENCING  
 AVIDYNE DFC SERIES AUTOPILOT INSTALLATION MANUAL 600-00251-000 REV 02 AND **STC SA00296BO.**  
 PERFORMED SYSTEM SET UP STEPS AND GROUND TESTS. OPERATIONAL CHECKS GOOD AT THIS TIME.  
 FOR FURTHER DETAILS AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REFERENCE FORM 337  
 FOR THIS INSTALLATION. REMOVED EXISTING AVIDYNE PFD P/N 700-00006-000;S/N 20594065 AND  
 INSTALLED REPAIRED AVIDYNE PFD P/N 700-0006-000;S/N 20246175 (AVIDYNE, CRS 1VAR161B, W.O.  
 9012004, DATED 10/15/10) REFERENCING AVIDYNE EXP5000 INSTALLATION MANUAL 600-00141-00 REV 05.  
 COMPLETED POST INSTALLATION GROUND CHECKS AND PITOT/STATIC SYSTEM LEAK CHECK; ALL  
 CHECKED GOOD AND LEAK RATE WITHIN ALLOWABLE LIMITS (-10/MIN). INSTALLED UPDATED  
 COMPASS CARD. FLIGHT CHECK COMPLETED; SYSTEM CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE  
 WORK PERFORMED. THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS  
 APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER  
 THE ABOVE REFERENCED WORK ORDER.

SIGNED *John Fleck* FOR  
**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED  
 REPAIR STATION MV5R055N**

MAKE Cirrus  
 MODEL SR22  
 S/N 1409  
 REG NO N771SL  
 WORK ORDER  
 28471-12-2010



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

DATE 12/8/2010  
 A/C TSN 942 9  
 FLIGHTTIME 942 9

**Airframe Entries**

(2) Serviced oxygen to 1600 psi.... (3) Replaced #5 EGT sensor. Ops checked ok.

Maintenance Release

The aircraft and/or component(s) on N771SL was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No 28471-12-2010, Dated 12/8/2010

DATE: 12/8/2010

SIGNED:

*Gary Kromer*

Work Order: 28471-12-2010

Kromer, Gary  
 Certified Repair Station No GA5R-876M

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### Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
P.O. Box 582108 - Tulsa, OK 74158  
(918)836-6418 - Fax (918)832-0136  
FAA CRS CM2R747K  
Logbook Entry

FOR SERVICE

Sold To Winner's Church  
P O Box 3471  
Edmond, OK 73083 United States

Work Order: MA11-03245  
Acct Number 405-308-0635

Opened: 1/20/2011  
Closed: 1/27/2011

Aircraft Number: N771SL Type: CIRRUS SR22 S/N: 1405

Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1							

**Discrepancy: 1**

**Action Taken:**

Removed line cutter's from CAPS parachute Lot no. 002-005. Installed new line cutters p/n 25347-001 with expiration date of 11/2016 iaw Cirrus maintenance manual. Line cutters are due for replacement each 6 years.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
25347-001	Kit, Line Cutter Replacement		1.00	Each	\$	
	Freight		1.00		\$	

**Miscellaneous Charges:**

Misc Supplies: \$

**Totals:**

SubTotal: \$

Total Charges: \$

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).

Autopilots Central, Inc.  
FAA CRS CM2R747K

Authorized Signature

Parts installed may be FAA/PMA'd or STC's parts and not of "Original Equipment Manufacture" (OEM) and as such are not covered by the OEM's Warranty.





# Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
P.O. Box 582108 - Tulsa, OK 74158  
(918)836-6418 - Fax (918)832-0136  
FAA CRS CM2R747K  
Logbook Entry

Sold To: Winner's Church  
P.O. Box 3471  
Edmond, OK 73083 United States

Work Order: MA11-03289  
Acct Number: 405-308-0635

Opened: 3/22/2011  
Closed: 4/06/2011

<b>Aircraft Number:</b>	<b>N771SL</b>	<b>Type:</b>	<b>CIRRUS SR22</b>	<b>S/N:</b>	<b>1405</b>	
<b>Total Time:</b>	1,019.7	<b>Hobbs Time:</b>	1,019.7	<b>Tach Time:</b>	LG Cycles:	
<b>Eng#</b>	Type	<b>S/N</b>	<b>Time</b>	<b>Cycles</b>	<b>Prop S/N</b>	<b>Prop Time</b>
1	IO-550-N(27)	917637	1,019.7	PHC-J3YF-1RF	FP3575B	1,019.7

### Discrepancy: 1

#### Action Taken:

- N771SL, SR22-1405, Annual Inspection.
1. Inspected this aircraft using the inspection form in the Cirrus Aircraft maintenance manual.
  2. Researched the mandatory service bulletins on this a/c.
  3. Reviewed the AD notes on the airframe, engine, propeller and appliances.
  4. Reviewed the FAA Type Certificate # A00009CH rev. 17, dated 2-10-2010 for required equipment.
  5. CW FAR 91.207 d, ELT frequency and G switch tests. The battery is due 3-2017. ELT is a ACK model E-01 s/n: 052260.
  6. IFR certifications iaw FAR 91.411 & 413 are due 3-31-2012.
  7. The Annual Inspection expires 4-30-2012.
- I certify this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition this date.

W/O# MA11-03289  
Date 4-06-2011  
Hours 1019.7

Signature

Autopilots Central, Inc.  
Tulsa, OK 74115  
FAA CRS CM2R747K

### Discrepancy: 2

#### Action Taken:

- Made the following repairs or special inspections on this aircraft:
1. Removed and replaced the damaged abrasion tape on the LH and RH flaps.
  2. Tachometer is erratic. Removed molex plug and cleaned corrosion from contacts.
  3. Sealed wire bundles under the avionics panel.
  4. Rotated the LH and RH tires on their rims.
  5. Checked the torque on the engine mount bolts at the firewall.
  6. Lubricated and freed up the alternate air control cable.
  7. Replaced all the well nuts in the LH and RH upper access fairings.
  8. Completed a battery capacity check of main battery. Found capacity at 101%. Minimum capacity is 85%. Battery was checked using a Kelly Aerospace BC3000-003 Battery Capacity Analyzer.
  9. Replaced the LH and RH brake linings.
  10. Replaced the ELT batteries with new Duracell MN1300. Batteries are due for replacement 3-2017.
  11. Found AD 2007-14-03 previously complied with by completion of SB A2X-95-10R1. No further action required.
  12. Oxygen system was empty. Serviced Oxygen system with Aviator's Oxygen to 1800 psi. Found check valve on service port would not shut off. Changed the valve core and re-serviced the Oxygen bottle to 1800 psi. No other leaks noted at this time.
  13. Replaced the cabin door struts.
  14. Installed supplement in section 10 of the POH for SB 2X-05-01. Brake caliper O-ring replacement schedule.
  15. Replaced nutplate on fuel shut-off panel.
  16. Installed serviceable grommet for camlock in lower position of RH engine cowling.
  17. Found excess movement in pilots control yoke. Re-torqued bolts in control yoke tube and arm.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
066-06200	Lining		8.00	Each	\$	
18200-003	Gas Strut, Cabin Door		2.00	Each	\$	









### Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115

P.O. Box 582108 - Tulsa, OK 74158

(918)836-6418 - Fax (918)832-0136

FAA CRS CM2R747K

Invoice

Work Order: **MA11-03358**  
Acct Number 405-308-0635

Opened: 6/02/2011  
Closed: 6/17/2011

Sold To: Winner's Church  
P.O. Box 3471  
Edmond, OK 73083

#### General Comments:

Flight HM read 47.9 hrs. Hobbs read 1078.8

Aircraft Number: **N771SL**

Type: **CIRRUS SR22**

S/N: **1405**

Eng#	Type	Total Time:	S/N	Hobbs Time:	Time Cycles	Tach Time:	Prop Type	LG Cycles:	Prop S/N	Prop Time
1	IO-550-N(27)	1,067.5	917637	47.9	1,067.5		PHC-J3YF-1RF		FP3575B	1,067.5

#### Discrepancy: 1

##### Problem:

Need to fly a/c and verify operation on XM weather, Storm scope, and Traffic.

##### Action Taken:

Test flown a/c on 6-2 to check operation of XM weather, Traffic and Storm scope. Found all items worked about 30 minutes, the XM weather signal strength was poor and none at times, traffic would fail, and the Storm scope showed a band of storm between the 100 and 150 mile scale on landing at HSD. Cleared the storm indication and they did come back on a/c taxi. Could not isolate storms with any electrical equipment. Run diagnostics test on the WX500 and it passed. Pulled the traffic circuit breaker and reset it, the traffic then worked for a few minutes and quit.

Charges This Item:

1.50 Hours @	85.00 \$	127.50
<b>Total For This Discrepancy</b>	<b>\$</b>	<b>127.50</b>

#### Discrepancy: 2

##### Problem:

XM weather shows weak signal. On a one hour flight it showed a good signal for about two minutes and the system worked ok. Most of the time it showed a weak or marginal signal.

##### Action Taken:

XM weather displays weak/no signal message. Checked and cleaned bonding areas and replaced antenna with temporary antenna for test flight. Completed refresh signal from XM weather and did not receive signal. Checked subscription and found it good but still on XM account. Customer needs to establish own account. Checked system timing for GPS. Completed additional refresh of XM weather and did not receive signal. Checked bonding with milliohm meter and read 002 ohms resistance. This is acceptable resistance per Cirrus Aircraft. Removed temporary antenna and reconnected existing antenna. Found signal from XM weather but still weak. Checked voltage at connector of XM receiver and antenna end of coax and found 4.4 vdc at each point.

Charges This Item:

7.80 Hours @	85.00 \$	663.00
<b>Total For This Discrepancy</b>	<b>\$</b>	<b>663.00</b>

#### Discrepancy: 3

##### Problem:

Storm scope is intermittent. On landing it showed a ring of storms at the 100 to 150 mile scale. Turning alternators and systems off made no difference. The only place that indicated storms was at HSD, none at TUL.

##### Action Taken:

Storm scope was intermittent. Checked bonding at the rack and antenna. Found 002 milliohm's. Verified continuity of wiring and found .7 ohms resistance. Verified wing bonding was acceptable at 7.2 ohms. Cleaned all mounting points, connectors and pins. Remounted storm scope receiver rack plate and replaced access panels and carpet. Completed

INSPECTION RECORD

# INSPECTION RECORD


DATE

**OMEGA**  
AVIATION SERVICES

3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: August 17, 2011  
Hobbs Time: 1127.8  
Flight Time: 87.6

Registration: N771SL  
Serial Number: 1405

Removed broken Transponder antenna and replaced with new transponder antenna. Performed ground functional check with no faults noted at this time. Cleaned the plug for the Tach generator at the firewall and performed ground run with no faults noted at this time. Aircraft approved for return to service for the work performed. Dennis K. Falasco 3174880 A&P 

HOBBS 1127.2

FLIGHT 87.0

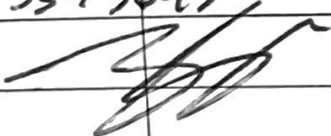
INSTALLED NEW #1 PRIMARY AIRCRAFT BATTERY

PN/G243 SN G02554558

WORK PERFORMED

BY: ZARAGOZA SANCHEZ PRIVATE PILOT

#3395643





# 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

HOBBS 1184.3 FLT. 133.9



### N771SL (Airframe Log) Cirrus SR22

Complaint #1 alternator inop. Removed top cowling and inspected installation of alternator. Checked voltage at F1, A+, and Proper F2/Grd. connection. Removed right side cowling and removed alternator ( 646843 s/n 005JA103 off) .  
Removed drive clutch and checked slippage per TCMSB89-5(found above 140 in lbs OK)  
Installed drive clutch on OVH alternator and installed OVH 646843 s/n 005IA029 returned to service by Aerotech of Louisville (CRS#PU4R453M) w.o. # 101273 unit.  
Reinstalled cowlings. Test and function checked OK. Post ground run leak checked OK.

DATE 11/22/2011

ANTHONY R. SAXTON

AP3253746IA

A handwritten signature in black ink, appearing to read 'Anthony R. Saxton', is written over a horizontal line.



# 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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Calvin Taff Electronics, Inc.

N771SL CIRRUS SR22 Hour 1302.7 SN 1405 03/21/2012  
WO 11483

Removed GMA 340 and replaced with PMA 8000BT PN 050-890-0702 SN CBT1987 using existing mount and wiring. Tested transmit and intercom function. Weight and Balance change is negligible. Ready for return to service.

Calvin Christopher Taff

  
IX2R914K











**Autopilots Central, Inc.**

Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
 P.O. Box 582108 - Tulsa, OK 74158  
 (918)836-6418 - Fax (918)832-0136  
 FAA CRS CM2R747K  
 Logbook Entry

Sold To: Winner's Church  
 17004 Granite Place  
 Edmond, OK 73012

Work Order: MA12-03769  
 Acct Number: (405)308-0635

Opened: 7/09/2012  
 Closed: 7/09/2012

**General Comments:**

Hobbs: 1382.8 Fit Hr. 297.9

<b>Aircraft Number:</b> N771SL		<b>Type:</b> CIRRUS SR22		<b>S/N:</b> 1405			
Total Time: 1,317.5		Hobbs Time: 297.9		Tach Time: LG Cycles:			
<b>Eng#</b>	<b>Type</b>	<b>S/N</b>	<b>Time</b>	<b>Cycles</b>	<b>Prop Type</b>	<b>Prop S/N</b>	<b>Prop Time</b>
1	IO-550-N(27)	917637	1,317.5		PHC-J3YF-1RF	FP3575B	1,317.5

**Discrepancy: 1**

**Action Taken:**

Alternator # 2 warning light coming on in flight.

1. Run up engine with correct alternator warning light operation.
2. Removed MCU cover for circuit board inspection. Found moderate corrosion on circuit board components. Found one wire connector pin burned on the outer circuit board.
3. Replaced connector from salvage MCU unit. Removed circuit board, cleaned off corrosion and resin from components.
4. Assembled MCU circuit board and connectors. Run up engine with normal alternator operation.
5. Sealed MCU unit and installed engine cowling. MCU-100 P/N 14600-002 S/N 02776.

Charges This Item:

5.30 Hours @	\$
1.20 Hours @	\$
<b>Total For This Discrepancy:</b>	<b>\$</b>

**Discrepancy: 2**

**Action Taken:**

Adjusted upper latch assembly for correct alignment.

Charges This Item:

0.50 Hours @	\$
<b>Total For This Discrepancy:</b>	<b>\$</b>

**Discrepancy: 3**

**Action Taken:**

Replaced one wellnut and screw on the left gear fairing.

Charges This Item:

0.20 Hours @	\$
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Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
Q-1032	Wellnut, Short (50803-001)		1.00	Each				\$
<b>Total For This Discrepancy:</b>								<b>\$</b>

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
AVGAS	AvGas		19.90	Gallon				\$

**Miscellaneous Charges:**

Misc Supplies. \$

**Totals:**

<b>SubTotal:</b>	\$
<b>Charges:</b>	\$

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).

Autopilots Central, Inc.  
 FAA CRS CM2R747K

Authorized Signature \_\_\_\_\_

Parts installed may be FAA/PMA'd or STC's parts and not of "Original Equipment Manufacture" (OEM) and as such are not covered by the OEM's Warranty.

INSPECTION RECORD  
 F.A.R. 43.11-91.409



MAINTENANCE RECORD

DA



3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: December 10, 2012  
Hobbs Time: 1580.5  
Flight Time: 465.7

Registration: N771SL  
Serial Number: 1405

Removed and replaced the right Brake Rotor, removed and replaced all brake pads both left and right side. Removed the o rings for the calipers and replaced, serviced both the left and right brakes with Mil H 5606 hydraulic fluid, conditioned brakes pads as required. Work performed in accordance with Cirrus MM and Cleveland MM. Dennis K. Falasco A&P 3174880

*D*

12/10/12		REMOVED : ROTATED TIRES ON WHEELS.
HOBBS - 1580.5		REMOVED : CLEANED : REPACKED SPRINGS
FLIGHT - 465.7		ON MAIN GEAR ONLY. REASSEMBLED. OPS
		CHECK SATISFACTORY. WORK PERFORMED BY:
		ZARAGOZA SANCHEZ PILOT PILOT
		# <del>3395643</del> 3395643
		<i>[Signature]</i>

E



# 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: June 08, 2013  
Hobbs Time: 1784.8  
Total A/C Time: 1784.8


Registration: N771SL  
Serial Number: 1405

Performed an Annual inspection on this aircraft in accordance with FAR 43 Appendix D using Cirrus inspection checklist 05-20

Cleaned and repacked all wheel bearings. Replaced all brake pads. Performed ELT operational test in accordance with FAR 91.207, battery due March, 2016. Serviced Oxygen System.

Removed autopilot for maintenance.

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


Joe Mojsak A&P 3086352 IA 

**OMEGA**  
AVIATION SERVICES

3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: June 13 2013  
Hobbs Time: 1796.8  
Flight Time: 649.8

Registration: N771SL  
Serial Number: 1405

Reinstalled Avidyne DFC 90 autopilot after work performed by Avidyne, See 8130-3 tracking number 9021589 for work performed. Performed ground functional check with no faults noted at this time. Dennis K. Falasco A&P 3174880 







# 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



Hangar 23, Tulsa International Airport-Tulsa, OK 74115  
(918)836-6418

Date: 6/03/2014; Aircraft: N771SL

Cirrus SR22, S/N: 1405 Annual Inspection.

WO: MA14-04421 Flt. Hours: 751.1 Hobbs: 1770.7

Inspected this aircraft using the Cirrus Aircraft inspection form. Researched the mandatory service bulletins on this a/c. Researched the AD notes on the airframe, engine, propeller and appliances. Reviewed the FAA Type Certificate #A00009CH Rev. 19 dated 2-04-2013 for required equipment. CW FAR 91.207 d, ELT frequency and G switch tests. Battery due 3-31-2016. ELT is an ACK E-01 S/N: 052260. IFR certifications iaw FAR 91.411 & 413 are due 6-30-2016. The Annual Inspection expires 6-30-2015. CAPS parachute and rocket motor are due 1-31-2015. CAPS Reefing Line Cutters are due 11-30-2016. Oxygen bottle hydrostatic test is due 3-31-2015.

Made the following repairs or special inspections on this aircraft:

#2 batteries were leaking in case. Replaced the #2 batteries. Recommended for replacement each 2 years. Next due 6-30-2016. Found the #2 battery interconnect connector broken. Replaced terminals on battery interconnect wire. Complied with SB 2X-32-19R3 by inspection of the nose landing gear strut upper gusset plates. No discrepancies found at this time. Completed battery capacity test on the main battery. Found the capacity at 47%. Completed battery re-condition. Re-tested battery and obtained 89% capacity. Minimum capacity for continued airworthiness is 80%.

I certify this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition this date.

Signature

Autopilots Central, Inc. CRS CM2R747K



Ref: FAR 91.413

ATC Transponder GTX 327 s/n 837A415  
was tested and inspected and complies with  
FAR Part 43, Appendix F.

Date June 3, 2014

Signature \_\_\_\_\_

*For Autopilots Central, Inc.*

*Tulsa, Oklahoma FAA CRS CM2R747K*

Work Order #

MA14-04421



Hangar 23, Tulsa International Airport-Tulsa, OK 74115  
(918)836-6418

Date: 5/21/2014; Aircraft: N771SL

WO: MA14-04413 Flt. Hour: 751.1 Hobbs: 1925.4

#2 alternator quit in flight. Inspected shaft coupling and found it OK. Replaced the #2 alternator field control module in the MCU. Verified voltage field voltage was present at the # 2 alternator. Ground run engine with intermittent operation on the # 2 alternator. Test flew a/c and the alternator did not work in flight. Removed alternator MC410-1 unit s/n 0142417 and intalled new unit s/n 08076407K Lost voltage at the # 2 alternator field. No voltage present at plug P/J111 pin A. Removed MCU model 100 from firewall and removed outer circuit board for inspection. Found pin and socket burned on the circuit board going to the connector plug on the MCU. Installed serviceable pin and socket from salvage MCU 100 unit. Installed serviceable current sense module. Have voltage present at the # 2 alternator field. Run engine with proper charging. Removed new alternator unit and installed customers old unit. Alternator will not charge. Reinstalled new alternator unit and system charged ok. Test flew a/c for 30 minutes. Both alternators worked correctly. Had the # 1 alternator warning light to come on during taxi and went out 10 minutes into the flight. The # 1 and # 2 alternators are both working.

The articles and/or work hereon described is/are certified  
airworthy (unless otherwise specified).

Autopilots Central, Inc.

FAA CRS CM2R747K

Authorized Signature \_\_\_\_\_



YEAR

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

20

DA1

**OMEGA**  
AVIATION SERVICES

3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: 7/24/14

Hobbs Time: 1955.2

Flight Time: 775.6

Registration: N771SL

Serial Number: 1405

Removed MCU p/n 14600 s/n 2776 and installed MCU p/n 16600-001 s/n 853 IAW Cirrus MM . Performed engine run with no faults noted at this time. Dennis K. Falasco A&P 3174880

**OMEGA**  
AVIATION SERVICES

3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: 7/29/14

Hobbs Time: 1961.0

Flight Time: 779.9

Registration: N771SL

Serial Number: 1405

Removed and replaced both the left hand and right hand main Gear Grommets p/n 16937-002. Bleed both left and right hand brakes. Work performed in accordance with Cirrus AMM. Dennis K. Falasco A&P 3174880




YEAR

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

20

DATE



Hangar 23, Tulsa International Airport-Tulsa, OK 74115  
 (918)836-6418

Date. 4/16/2015; Aircraft: N771SL

W/O: MA15-04739

Cirrus SR22-1405 Hobbs: 911.4 ACTT: 1931.0

Removed old BRS parachute p/n: 10013 (Cirrus p/n: 20331-001) s/n: 01706 and Rocket Motor Cirrus p/n: 15047-001 s/n: 01937 and in its place installed a newly repacked Cirrus parachute p/n: 25574-004REB s/n: 01739R1, Orange/white in color with repack date of 3-24-2015. Parachute next due 3-31-2025. Installed CAPS Rocket Motor assembly p/n: 29500-003 s/n: 0982 with expiration of 4-30-2025. Complied with SB 2X-95-18 R1 CAPS Rocket Motor Assembly Replacement. Re-installed CAPS Reefing Line Cutters with replacement due date of 11-30-2016. Complied with SB 2X-95-12 CAPS Line Cutters Rigging illustration error and SB 2X-95-13 CAPS Strap Inspection and Grommet installation. Revised the aircraft weight and balance. Installed temporary revision in POH. Installed new matching current sensor for #2 alternator and logic module in MCU. Current sensor p/n: 14604-002 s/n: 0211 and logic module pn: 14610-004 s/n: 0058. Completed operational test. Accomplished Cirrus Service Bulletin 2X-05-02 by installing new AN 3-34 bolt in induction air filter flapper valve. Removed oil pressure sensor and manifold pressure sensor, visually inspected connector and cleaned pins with alcohol. Applied stabilent 22 to pins and re-installed. Installed new Manifold pressure switch p/n 12635-003. Found chaffed wire in Oil pressure indication at Molex connector P901 pin 9 on GPS antenna mount. Repositioned connector and wire bundle so as to prevent chaffing. Ground run for operational leak checks. Operational and leaked checked OK. Tightened springs on ball joint on LH exhaust and installed (1) new spring. LH main landing gear upper strut fairing had broken rear bracket. Fabricated and installed new bracket. Removed spark plugs and cleaned, gapped, tested and re-installed using new gaskets. Checked magneto timing and found it OK. Completed propeller dynamic balance by Felkins Aviation, LLC. Propeller balanced to .08 IPS. Installed new cowl chafe tape on LH and RH cowling to replace missing tape. Serviced Oxygen to 1950 psig with Aviators Breathing Oxygen.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).

Autopilots Central, Inc.

FAA CRS CM2R747K

Authorized Signature

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3000 Logan Road South Hanger,  
Weatherford, OK 73096  
580-774-5393

Date: 8/1/15  
Hobbs Time: 2230.8  
Flight Time: 994.5  
Total Time 2230.8

Registration: N771SL  
Serial Number: 1405

Performed annual inspection this date in accordance with FAR 43 appendix D using the checklist from the Cirrus AMM. Cleaned air filter, removed wheels and cleaned lubricated bearings and wheels, lubricated airframe in accordance with Cirrus AMM, Inspected the ELT battery due March 2016 in accordance with FAR 91.207. I certify that this aircraft has been inspected in accordance with an annual inspection this date and was found to be in airworthy condition. See AD listing this date for AD information. Dennis K. Falasco A&P 3174880 IA



3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: 11/6/15  
Hobbs Time: 2300.9

Registration: N771SL  
Serial Number: 1405

Removed and replaced both left and right main brakes. Reinstalled the O2 bottle after hydrostatic test see 8130-3 for more information. Removed and replaced starter see 8130-3 for work performed on unit. Performed ground run with no faults noted at this time. Dennis K. Falasco A&P 3174880



YEAR  
20 \_\_\_\_\_  
DATE  
\_\_\_\_\_



3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: 12/1/15  
Hobbs Time: 2323.6  
Flight Time: 1073.3

Registration: N771SL  
Serial Number: 1405

Removed A-30 blind encoder and installed new A-30 blind encoder s/n 138016, performed leak check with no faults noted at this time. Dennis K. Falasco A&P 3174880

A handwritten signature in black ink, appearing to be "Dennis K. Falasco".


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ries

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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September 22, 2016

N771SL 2005 Cirrus SR22 S/N: 22-1405 Aircraft/Hobbs TT: 2,531.5 Flight/Tach: 1,250.2  
 Engine: TCM IO-550-N

Inspected this aircraft IAW Cirrus Aircraft Inspection checklist and FAR Part 43 Appendix D, as applicable. Functionally tested ELT, IAW FAR Part 91.207 (d); installed 8 new batteries. **ELT batteries due replacement September 2019.** Researched mandatory service bulletins. Researched ADs, and checked bi-weekly ADs thru 2016-19. **AD 2016-16-12 applies to Continental IO 550 engine, affected cylinders not installed on this aircraft. Oxygen bottle hydrostatic test due May 2018. CAPS Reefing Line Cutters due 11-30-2016.**

Drained engine oil, installed new Tempest Oil Filter p/n: 48109 and 7 qts of Aeroshell W100 oil. Installed 2 new main landing gear tires Michelin 15x6.0x6 part #061-501-0, and 2 new Aero Classic Butyl inner tubes part #GL-1520B, cleaned, inspected main gear wheel halves, cleaned, inspected and lubed wheel bearings. Installed 8 new brake linings, Cleveland p/n: 066-10500. Installed new r/h wheel pants support bracket.

I certify that this Aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition this date.



John D. Story

A&P 2731800IA

Aircraft Maintenance Team, Inc.

AVIONICS SERVICES INC.  
2234 GODDARD AVE. HGR B-4  
NORMAN, OKLAHOMA 73069

MAINTENANCE RELEASE  
CRS AT2R702K

Make AVIADYNE Model EX 5000 Serial # 20246175

Overhaul  Repair  Function Test  New

The Aircraft and/or Component Identified above was repaired and Inspected in accordance with current FAA Regulations and was found airworthy for return to service.

Pertinent details of this repair are on file at this Agency under W.O. # 16348 Date 9/29/16 Signed Phil Stuh

Customer \_\_\_\_\_ A/C S/N \_\_\_\_\_

Registration N 771SL

INSTALLED ALTIMETER, MODEL EXP-5000  
S/N 20246175, CERTIFIED UNDER PART  
43, APPENDIX E, AND TESTED AS PER 91.411 TO

20,000 FEET ON 9/29/16  
BY AT2R702K W.O. 16348

I CERTIFY THE STATIC SYSTEM TEST REQUIRED BY  
F.A.R. PART 91.411, HAVE BEEN PERFORMED  
THIS DATE 9/29/2016 SIG Phil Stuh

AVIONICS SERVICES INC.  
CRS AT2R702K

N 771SL

ns, Tests, Repairs and  
Name, Rating and Certification  
See back pages for other

INSTALLED ALTIMETER, MODEL 12102-001  
S/N 44586L, CERTIFIED UNDER PART  
43, APPENDIX E, AND TESTED AS PER 91.411 TO  
20,000 FEET ON 9/29/16  
BY AT2R702K W.O. 16348  
I CERTIFY THE STATIC SYSTEM TEST REQUIRED BY  
F.A.R. PART 91.411, HAVE BEEN PERFORMED  
THIS DATE 9/29/16 SIG Phil Stuh  
AVIONICS SERVICES INC.

702K

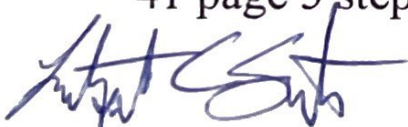


YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2017	N771SL Cirrus SR22		S/N: 1405	
02/10	Tach: 1337.7	Hobbs: 2641.1		Aircraft Total Time: 2641.1 Removed primary alternator PN: 646843R SN/:E14902 in accordance with Cirrus Maintenance manual Ch. 24 30 page 13 step 2A (1). Removed standby alternator PN: BC410-1 SN: 08076407K in accordance with Cirrus maintenance manual Ch. 24-30 page 16 step 2B (1). Installed <u>new primary alternator</u> PN: 646843 SN: A27168 in accordance with Cirrus maintenance manual Ch. 24-30 page 13 step. 2A (2) Installed standby alternator PN: BC410-1 SN: 08076407K in accordance with Cirrus maintenance manual Ch. 24-30 page 16 step 2B (4). Aircraft returned to service for work performed.



Leighton Swatek, A&P 3676073  
Aircraft Maintenance Team, Inc.

2017	N771SL Cirrus SR22		S/N 1405	
02/14	Tach: 1337.7	Hobbs: 2641.1		Aircraft Total Time: 2641.1 Removed nose landing gear tire tube in accordance with Cirrus SR22 maintenance manual Ch. 32-41 Page step C (1). Installed new nose landing gear tire tube PN: Michelin 092-308-0 Air stop 5.00 -5, In accordance with Cirrus SR22 maintenance manual Ch. 32-41 page 5 step C (2). Aircraft returned to service for work performed.



Leighton Swatek, A&P 3676073  
Aircraft Maintenance Team, Inc.





2018 FLIGHT HOBBS N771SL Cirrus SR22 S/N 1405

YEAR 4/09 1587.1 2943.6 TCM ID: 560-N

20  
DATE Remove l/h & r/h main wheel pants. Remove l/h & r/h brake caliper. Remove l/h & r/h main wheel and tire. Break down l/h & r/h main wheel halves. Remove wheel bearings from all 4 wheel halves. Cleaned and inspected wheel bearings and main wheel halves. No defects noted on bearings or wheel halves. Wheel bearings repacked with grease and re-installed. Installed new **Michelin Aviator 6-ply tires, size 15-6.0-6**, on wheel halves and torqued connecting bolts. Re-installed wheel/tire on aircraft, tightened main nut and installed new cotter key. Installed 4 new brake linings on r/h main wheel. Re-installed brake caliper, torqued bolts. Re-installed l/h & r/h wheel pants.

  
Aircraft Maintenance Team, Inc.

John D. Story

A&P 2731800 IA

2018 FLIGHT HOBBS N771SL CIRRUS SR22 S/N: 22-1405

11/7 1676.7 3056.3

Inspected this Airframe IAW Cirrus Aircraft Inspection checklist and FAR Part 43 Appendix D, as applicable. Functionally tested ELT, IAW FAR Part 91.207 (d). Installed new ELT batteries, **ELT batteries due 11/2020**. Researched mandatory service bulletins. Researched ADs, and checked **bi-weekly ADs thru 2018-21**.

I certify that this Aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition this date.

  
John D. Story

A&P 2731800IA

Aircraft Maintenance Team, Inc.



1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 183806
4. Organization Name and Address: B&C SPECIALTY PRODUCTS, INC. 123 EAST 4 <sup>th</sup> STREET NEWTON, KS 67114-0894		ZG9R933X		Customer: Quality Aircraft Accessories 5746 E Apache - Bldg A Tulsa, OK 74115	5. Work Order/Contract/Invoice Number: 112118-4732
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Alternator	BC410-1	1	0464732	Overhauled

12. Remarks:

Item 1: Overhauled in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator, Rev. 02/11/04.

A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the work order/contract/invoice number indicated in block 5.

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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 Signatory:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Raquel Florez</i>	14c. Approval/Certificate No.: ZG9R933X
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Raquel Florez	14e. Date (dd/mm/yyyy): 13 DEC 2018

**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.

NSN: 0052-00-012-9005

For Log Entry 02/20/2019 ALT 2 (P/N - 13566-001)

20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

**N771SL Cirrus SR22** Date Performed: **02/20/2019**

**Airframe:** SR22 | S/N: 1405

Flight Time: 1683.5 | Hobbs: 3067.9

Installed new primary alternator ground strap (p/n17144-001), new secondary alternator (ALT2) (p/n13565-001) and new ALT2 current sensor (p/n14604-001). Work done IAW Cirrus SR22 AMM chapter 24-30, pg 13-14;16-17; 38. Operations check performed. Aircraft returned to service for work performed. end.



**Nathaniel J. Hinman A&P4137331**  
**Aircraft Maintenance Team, Inc**  
**5915 Philip J. Rhoads Avenue #105**  
**Bethany, OK 73008**

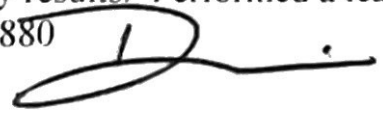


3000 Logan Road South Hanger  
Weatherford, OK 73096  
580-774-5393

Date: January 29, 2019  
Hobbs Time: 3066.3  
Flight Time: 1683.2

Registration: N771SL  
Serial Number: 1405

Removed PFD and MFD and sent to Extant for repairs. See 8130-3's for work performed to units. Installed the PFD and MFD and verified configurations and tested IAW Avidyne Installation manuals for the PFD and MFD. Performed a Compass swing for the PFD as required with satisfactory results. Performed a leak test of the pitot and static system with satisfactory results. Dennis K. Falasco A&P 3174880



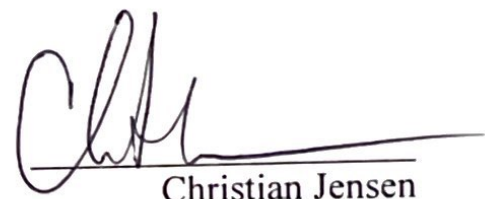


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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February 14, 2020      N771SL      M/N: Cirrus SR22      S/N: 1405      Flight Time: 1757.3  
 Hobbs: 3159.5

Removed existing line cutters and installed new P/N 25347-002, S/N's 16091 and 16028 with date of manufacture 11/2019. Next replacement due 11/2025.

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.  
 Details are on file at this agency under work order **20-10559**.

  
 Christian Jensen  
 CRS# 1MYR828C



11329 East State Road 32, Zionsville, IN 46077 | 317-769-4487 | **CERTIFIED REPAIR STATION NO. 1MYR828C**

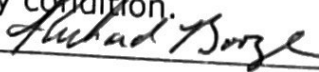
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DATE 2/12/2020 STEEL AVIATION INC  
Airframe LOG

N771SL S/N 1405  
TACH 1757.7 Hobbs 3159.0  
MAKE Cirrus Model SR22

1. C/W 100HOUR/ANNUAL INSPECTION in accordance with FAR 43 APENDDIX D, Using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). No defects noted. Next inspection due 2/2020. R&R ELT battery next due 2026, R&R ELT remote battery next due 2026.
3. R&R brake linings P/N RA66-62.
4. R&R brake disk P/N RA164-02504.
5. Verified SB2x-32-13R2 was C/W.
6. R&R new NLG fork ASSY P/N 11638-003
7. R&R NLG upper bushings P/N 13705-001, NAS77-10-013
8. R&R NLG puck J-11968.
9. R&R MLG rebound bumper P/N 18380-001.
10. R&R SB2X-53-03 Tail tie down kit P/N 51631-001.
11. R&R NLG bearings and cups, P/N 08125-20629.08231-20629.
12. R&R incorrect RH, LH MLG tubes with P/N 06-01373.
13. Secured loose rudder control bolt.
14. Removed LH rear elevator and reinstalled correct hardware.
15. R&R LH upper MLG bracket P/N 13522-001.
16. Installed spiral wrap in MLG brake lines.
17. Reinstalled disconnected defrost line.
18. Installed no push placard on elevators.
19. C/W 500 engine mount Torque.
20. R&R TKS filter P/N 908-1
21. R&R BAT two P/N NP7-12T
22. R&R Aileron interconnect bungee P/N 12983-001
23. R&R O2 valve for O/H, O2 tank 15 year replacement due 4/2020.
24. R&R Ignition switch P/N A-510-2 next due H 5159.0.

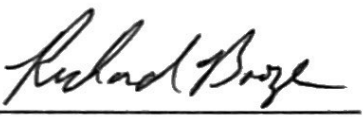
I certify that this aircraft has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P 279621029 I/A Richard Booze 

DATE 2/12/2020 STEEL AVIATION INC  
*Airframe Prop* LOG

N771SL S/N 1405  
TACH 1757.7 Hobbs 3159.0  
MAKE Cirrus Model SR22

1. Removed GTX 327 Transponder P/N 011-60590-00.
2. Installed NGT9000 ADSB transponder P/N 9029000-20000 S/N LXE12626 I/A/W STC02444AK Using install manual P/N.0040-17001-01.
3. W&B. negligible.
4. Updated C/A/I to aircraft maintenance logs.
5. Updated F/M/S.

A/P 279621029 I/A Richard Booze 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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## Achievement Aviation of Ohio

CRS 9FDR993C  
 Facility Address:  
 6177 St Rd 219  
 Hangar 51  
 Celina, OH 45822

February 12, 2020    N771SL    Cirrus SR22    Hobbs time:3159.5

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.

Alt 1: Avidyne EXP5000    Alt 2: United 5934D3    Transponder Model L3 NGT9000    Encoder Model:ACK A30.9  
 Serial No.20246175    Serial No. 445861    Serial No.    LXE12626    Serial No.    138016

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 A233

February 12, 2020    Certified Repair Station 9FDR993C    Signature: 


YEAR  
20 \_\_\_\_\_  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of  
Technician or Repair Facility. (See back pages for other specific entries.)



**Thermal Systems**

N771SL SR22 S/N 1405 Flight Hobbs: 1758.2 Hobbs: 3162.2  
03-10-2020

**AIRFRAME**

Removed condenser fan from air conditioning system and replaced with removed as serviceable unit p/n WIG250-HH-37-52. Evacuated, leak checked and recharged system in accordance with ICA document #NC-14-024 Rev A. System operational check normal, weight and balance not affected.

*Jeffrey Barlett*

Jeffrey Barlett  
AP/IA 3373810  
1625 Lost Nation Rd. Willoughby, OH 44094





RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Make & Model: SR-22 Cirrus  
Date: 13/Nov/2020

Reg#: N771SL  
S/N: 1405

# LOGBOOK ENTRY

- **SQUAWK: MFD display not evenly lit during dim setting**
  - ✓ Discovered MFD to be Inop. **Removed** unit 700-00004-008, s/n: 23237514 **Sent for Repair, Reinstalled** unit and Ops Checked IAW Avidyne EX5000, IM# 600-00073-001. Op Check is Good.

Reference Capital Aviation, Inc. Process Specifications CA-300 for work performed.  
No Flight Manual Supplement required  
No 337 is not required  
Weight and Balance is negligible  
All work performed complies with current Federal Aviation Regulations. This aircraft is approved for return to service IAW, 14 CFR 135.411(a)(1,) the work performed. Details are on file at this facility under **W/O #3501**.

Signature: Ed M. Kostiuk   
Ed M. Kostiuk

CRS# X91R092Y / DGAC #CO-152/17

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Huskey Aviation LLC, 508 Airport Road, Guthrie Oklahoma 73044. Hangar 24D  
April 1, 2021 Hobbs & TT: 3289.3 N771SL

Complied with annual inspection per FAR 43 Appendix D. Jacked aircraft and replaced all tires with new Condor tires and balanced. Nose tire P/N: 5.00-5, S/N: 0321T00144LH, replaced tube with new good year 5.00-5. LH MLG 15x6.0-6/6/120, S/N: 9281S00194, tube found in good condition with date of 08-01-18. S/N: 9280S00176 installed on RH main with new tube P/N: GL-1520B 15/6.00-6. Replaced R/H brake rotor with new rapco RA164-02504, replaced all brake pads with rapco RA66-62 linings. Replaced both flexible brake lines on both landing gear. Removed LH master cylinder and replaced with new, P/N: 14269-001, and bled brake system. Removed LH lower wheel fairing bracket and replaced with new P/N: 17205-001. Replaced deep well nut on LH side P/N: 50802-001 and short well nut on RH side P/N: 50802-002. Replaced anti chafe spacer on LH gear fairing P/N: 16180-001. Removed and replaced both oil door latches in top cowling P/N: 50701-003. Added bead of pro seal to belly of plane where both wing fairings meet belly. Found oxygen bottle to be replaced with a manufacture date of 05/2018 with a hydrostatic check due 05/2023. Checked ADs through 2021/07 no new ADs noted at this time. Checked ELT per FAR 91.207 (d) no defects noted. Battery due 02/2026, remote batter due same date. I certify this aircraft was inspected in accordance with an annual inspection and was found in airworthy condition and is approved for return to service at this time.

A&P IA 3264787



Ryan Huskey

				Removed & Replaced Gill Water Filled battery From Air lender because gel battery was not good. Hobbs 3319.2 Tach 1890.5 privot pilot H 3813825







MAKE Cirrus Design Corp  
 MODEL Sr22  
 S/N 1405  
 REG NO N771SL  
 WORK ORDER 12881



**Turbine Aircraft Services, LLC.**

Repair Station No. TBWR469X  
 7101 Millionaire Drive, Hangar 21  
 Bethany, Oklahoma 73008  
 Phone 405-491-8995

DATE 11 July, 2022  
 A/C TSN 1995 5  
 TACH 1995 5

**Airframe Entries**

(3) Altimeter systems tests and inspections required by 14 CFR 91.411 have been accomplished with reference to CFR part 43 Appendix E, paragraphs A, B & C. ACK Encoder P/N A-30.9, S/N 138016; Avidyne ADC P/N 700-00006-000, S/N 20246175, United Stby Alt P/N 5934D-3, S/N 445861. The above systems and components were tested to 20,000' using Laversab model 6300, S/N 86167.

ATC transponder tests and inspections required by 14 CFR 91.413 were performed and found to comply with CFR Part 43 Appendix F. L3 NGT-9000 Transponder P/N 9029000-20000, S/N LXE12626. Tested using Aeroflex IFR 6000, S/N 1000684925.

(4) Serviced and installed new aircraft battery. P/N G-243, S/N G03143708. Functional check good.

The aircraft and/or component(s) on N771SL was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 12881 Dated 11 July, 2022

DATE: 11 July, 2022

SIGNED:

Work Order: 12881

Michael B. Harbison  
 Certified Repair Station No. TBWR469X

Printed by EBis 3 (datcomedia.com)



Turbine Aircraft Services  
 FAA Repair Station Number TBWR469X

**Chapter 43, Appendix E, Altimeter Checkout**

LH ADC P/N 700-00006-000 Model Entegra Flightmax S/N 20246175 LH Alt P/N 700-00006-000 Model Entegra Flightmax S/N 20246175 W/O # 12881  
 RH ADC P/N \_\_\_\_\_ Model \_\_\_\_\_ S/N \_\_\_\_\_ RH Alt P/N \_\_\_\_\_ Model \_\_\_\_\_ S/N \_\_\_\_\_ Date 7-Jul-22  
 XPDR #1 P/N 9029000-20000 Model NGT-9000 S/N LXE12626 Stby Alt P/N 5934D-3 Model United Instruments S/N 445861 Reg. # N771SL  
 Encoder P/N A-30.9 Model A-30.9 S/N 138016 A/C Make Cirrus A/C Model SR22 A/C S/N 1405

After Effect Test				Scale Error Test / Friction Test								Hysteresis Test							
Tolerance +/- 30 Ft	LH Altimeter	RH Altimeter	Stby Altimeter	Altitude	Tolerance	LH Altimeter	Friction	RH Altimeter	Friction	Stby Altimeter	Friction	Friction Tolerance	50% Tolerance +/- 75 Ft	Max Cert. Alt.	Test Altitude	LH Altimeter	RH Altimeter	Stby Altimeter	
Baro Setting 29.92	1280		1290	-1,000	20	-1000				-1010			20,000	10,000	10000			10010	
Initial				0	20	0				0			25,000	12,500					
After Test	1280		1310	0	20	0				0			30,000	15,000					
Difference	0	0	-20	500	20	500				500			43,000	22,500					
Barometric Scale Error Test				1,000	20	1000	1000			1005	1040	70	45,000	25,000					
Tolerance +/- 25 Ft				1,500	25	1500				1500	1040	70	50,000	25,500					
Pressure in Hg	Altitude Diff	LH Altimeter	RH Altimeter	Stby Altimeter									40% Tolerance +/- 75 Ft						
28.10	-1727	-1730		-1710	2,000	30	2000	2000		2005	2050	70	Max Cert. Alt.	Test Altitude	LH Altimeter	RH Altimeter	Stby Altimeter		
28.50	-1340	-1340		-1340	3,000	30	3000	3000		3010	3050	70	20,000	8,000	8000			8020	
29.00	-863	-860		-860	4,000	35	4000			4000			25,000	10,000					
29.50	-392	-390		-390	5,000	40	5000	5000		5000	5040	70	30,000	12,000					
29.92	0	0		0	6,000	40	6000			5990			43,000	17,200					
30.50	531	530		530	8,000	60	8000			7970			45,000	18,000					
30.90	893	890		890	10,000	80	10000	10000		9960	10010	80	50,000	20,000					
30.99	974	980		980	12,000	90	12000			11960									
Case Leak Test				14,000	100	13990				13950									
@18,000 Ft. Tolerance +/- 100 Feet				16,000	110	16000	15000			14950	15010	90							
LH Altimeter	RH Altimeter	Stby Altimeter		17,000	120	18010			15950										
				19,000	130	19990	20000			17950									
				20,000	140					19900	20020	100	Test Equipment Information						
ATC Pressure Altitude Reporting System Test				25,000	155								Type:	Laversab 6300					
Tolerance +/- 125	Indicated	Actual	Diff.	30,000	180/80								Serial #:	86167					
Transponder # 1	15000	14900	100	35,000	205/80								Annual Cal Due:	29-Apr-23					
Transponder # 2			0	40,000	230/80								30-Day Cal:	Pass					
Transponder # 1	10000	9900	100	45,000	255								Technician Signature						
Transponder # 2			0	50,000	280								Inspector Signature						
Transponder # 1	8000	7900	100	51,000	295														
Transponder # 2			0																

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1023-0	
4. Organization Name and Address: Teledyne Battery Products 840 West Brockton Avenue Redlands, CA USA 92374				PMA Number: PQ1006NM		5. Work Order/Contract/Invoice Number: 1023-0 Page 1 of 1
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Aircraft Battery	G-243	66	N/A	NEW	

12. Remarks: AIRWORTHINESS APPROVAL - This is the certification statement for the products listed on the attached Serial Number Log Document dated 15/Apr/2022, containing 1 page(s) with form tracking number 1023-0 on each page.

13a. Certifies the items identified above were manufactured in conformity to:		14a <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12	
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data 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.: 739608531	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): James Ellison	13e. Date (dd/mmm/yyyy): 15/Apr/2022	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

**User/Installer Responsibilities**

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

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

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 **Teledyne Battery Products**  
840 W. Brockton Ave.  
Redlands, CA 92374

**Serial Number Log**

Date: 4/15/2022

Page 1 of 1

Signature: 

Printed Name: James Ellison

8130-3 System Tracking No: 1023-0

FAA Designation Number: 739608531

Model	Qty	Serial Number('s)								
<u>G-243</u>	66	G03143240	G03143241	G03143242	G03143243	G03143244	G03143245	G03143246	G03143247	G03143248
		G03143249	G03143250	G03143251	G03143252	G03143253	G03143254	G03143255	G03143256	G03143258
		G03143259	G03143668	G03143669	G03143670	G03143671	G03143672	G03143673	G03143674	G03143676
		G03143677	G03143678	G03143679	G03143680	G03143681	G03143682	G03143683	G03143684	G03143686
		G03143687	G03143688	G03143689	G03143690	G03143691	G03143692	G03143693	G03143694	G03143696
		G03143697	G03143698	G03143699	G03143700	G03143701	G03143702	G03143703	G03143704	G03143705
		G03143707	<b>G03143708</b>	G03143709	G03143710	G03143711	G03143712	G03143715		

**Total:** 66

P #: 8010676790 | Line: 10 | 7365788669 | Qty: 1 | CPO: 07793