

N 299 PM  
Book 1

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



# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. Aug 2002

SERIAL NUMBER 0306 REGISTRATION NUMBER N299PM

REGISTERED OWNER John Michaels  
ASM Holdings

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

## Inspection Status

[Check one]

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY



# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE Continental Motors	IO950N7B	R 686360 L
ENGINE			R L
PROPELLER	Hartzell Propeller INC	PHC-J3YF-1RF	FP1803B
PROPELLER			
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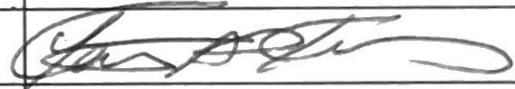
### MAJOR ALTERATIONS

#### REVISIONS OF ALTERATION

PART NAME	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT O.R.T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
<b>Life Limited Parts SR22</b>							
<b>PART NAME</b>	<b>PART NUMBER</b>	<b>S/N</b>	<b>EXPIRES</b>				
CAPS Rocket Motor	15047-001	S/N 00541	01/2012			8/20/14	HEAT DUE JUNE 2024
CAPS Parachute	15046-002	S/N 00607	01/2012			19160	
CAPS Reefing Line	5212	PSAC002A-008	03/2008			8/20/14	DATED CHANGED.
Cutters		LOT	07/2008			19160	
ELT Batteries	MINI300	Date installed	03/2008				5-STAR 8002 ERTWY POE SA BX-95-08 DATED 27 AUG 04
Turn Coordinator/Roll Computer Batteries	MINI604	Date installed	N/A				NBA DUE JULY 2020



# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		3.9 hrs 17 Aug 02	Searched AD's through bi-weekly issue <u>2002-16</u> . All AD's are in compliance at this time.			 MFG 44

Leading Edge Aviation Services  
Vandenberg Airport  
Tampa, FL 33610  
(813) 626-1515

18 October 2002

CIRRUS SR22

N299PM

Hobbs: 76.4 hrs.

1. Complied with Service Bulletin SB A22-27-03, Issued: 20 September 2002, Trim Cartridge Self Locking Nut Replacement at Hobbs time of 76.4 hrs. By replacing the self locking nuts with two (2) new MS21044N3 self-locking nuts on both Trim Cartridges.
2. Reinstalled all access panels removed for access to Trim Cartridges.
3. Reinstalled Left Aileron and checked aileron movement and travel, all check good at this time.
4. Reconnected #6 Cylinder EGT Probe wire and operational checks good.

  
Antonio Gonzalez A&P 2704957



# AIRWORK BUSINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]



## ALTIMETER & STATIC SYSTEM CHECKS

### F.A.R. 91.411

[illegible]



# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

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

Each Static Pressure System, Each Altimeter Instrument & Each Automatic Pressure Altitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR 43, as required by FAR 91.411.

ACK A-30  
SIN 80015

Altimeter #1 SN 427412 PN 5934D-7  
#2 SN NIA PN NIA

NORTHWEST ARKANSAS AVIONICS, INC.

5404 AIRPORT BLVD.

FORT SMITH, ARKANSAS 72903

CRS QNAR051K

Date 30 Sept 01

Signature Alan

The ATC Transponder has been tested and inspected and found to comply with appendix "F" of FAR Part 43, as required by FAR 91.413.

Transponder #1 SN 83710581 PN ETX-327  
#2 SN NIA PN NIA



TAC Air

10 NOV 2004

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324410

DATE \_\_\_\_\_

May 6, 2005

SN: 83710581

I certify that only the above described maintenance was accomplished and inspected, in accordance with manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy and is approved for return to service. Pertinent details of the work performed are on file at this Repair Station under Work Order PBEDA.

Total Landings:



Place

[illegible]



# 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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### LOG BOOK ENTRY

DATE: 8/30/2002

MAKE: CIRRUS TOTAL TIME: 4.5hr

N#: N299PM

MODEL: SR22 HOBBS TIME: 4.5hr

S/N: 0306

Reinstalled Lt. Door seal IAW AMM 52-10. Removed scratch from rear window IAW std. maintenance practices. Removed adhesive from paint surface on rt side of fuselage IAW std. maintenance practices.

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

W/O#: 083002-01

SIGNED

DATED: 8/30/2002

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



### LOG BOOK ENTRY

DATE: 9/6/2002

MAKE: CIRRUS TOTAL TIME: 15.3 N#: N299PM

MODEL: SR22 HOBBS TIME: 15.3

S/N: 0306

Installed Bose headset jacks in pilot and co-pilot positions, work done IAW CDC DRWG no. 13258. Replaced pilots door upper pin receiver, and copilot door lower pin receiver with eccentric receiver and lubricated door latch mechanism IAW cirrus mm 52-10.

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

W/O#: 090602-01

SIGNED

DATED: 9/6/2002

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



## F.A.R. 43.9

8/26



# 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
2/17/03	Oil Change	HOBBS 170.4 Sw, thlv	
4/29/2003	(Hobbs at TAF) 223.2 Hrs	<p>① Chw SB 2X-32-06 By Installation of 70050-001 washer Kit on nose wheel pant - Retorqued support brackets.</p> <p>② Chw SB 2X-57-03 (dated 3/12/03) By Removing Both wing tips &amp; Inspecting shear pin engagement per Bulletin - Found w/I limits (LH = 0.156", RH 0.218")</p> <p>③ Chw SB 2X-71-05 R1 (dated 2/21/03) by Modifying Induction Duct Assy. support by installation of Kit # 7005-001</p>	<p>with 809 4/16/03</p> <p>David E. Routh</p> <p>A-P 129460133</p>
6/26/03	349.8	<p>Chw SB 2X-57-04 By Removing Both tips and Inspecting Hing Bolt engagement. 3+ threads on all also C&amp; clearance under Heads - found Tight</p> <p>David E. Routh A-P 129460133</p>	

Empire East Aviation, Inc.

Queensbury Ave.

Queensbury, NY 12804



# 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
9/5/2003	349.8	<p>① Removed Rt. Mag. Reset E Gap - Installed and Set Timing of Both Magnets</p> <p>② LT Main tire rotated &amp; Balanced. Replace Brake pads Both Sides</p> <p>Rt Main Tire Rotated &amp; Balanced. Packed all wheel Bearings</p> <p>③ Balanced nose wheel assy. Cld set clutch tension to upper side of MFR's spec., Tighten axle nut for light drag. Tightened wheel Fairing support channel hardware.</p> <p>④ Replace Rt AFT (white) nav. Lamp.</p> <p>⑤ All Flight Control/Cable tensions Cld - all w/ MFR. tolerance.</p> <p>⑥ Exhaust pipe joint clearances Cld per SB 2X-78-04 (incomplete parts noted)</p> <p>This Aircraft Has been serviced &amp; Inspected in accordance with chapter 5-20 of Cirrus Maint Manual and an Annual Inspection performed. This Aircraft was determined to be Airworthy.</p>	<p>David E. Routh</p> <p>A-P 129460133 IA</p>
		<p>Empire East Aviation, Inc.</p> <p>443 Queensbury Ave. RM 101</p> <p>Queensbury, NY 12804</p> <p>W 1006</p> <p>Dated 8/26/03</p>	



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10-8-03		Replaced lamp in Sanel EHSI 51~ 4341 & reset lamp hours. Reset GNS 430 memory (#2). checked operation OK. Details on file w.o. 8713 this date.	LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 10-8-03 CERTIFICATE NO. LN7R231N SIGNED <i>[Signature]</i>

Airways, Inc. 520 Airport Rd Lititz, Pennsylvania 17543  
LOG ID# 604 10-October-2003 WO# 3885 REF# 3885 HOBBS 371.1  
N299PM S/N 0306 CIRRUS SR22

Pg 1 / 1

### -AIRFRAME LOG-

REPLACED THE NLG STRUT COVER, C/W SB 2X-25-05 RELEASE OF AM-SAFE SB 504907-25-02, C/W SB 2X-34-05 X-PONDER GROUND PLANE ANTENNA KIT, C/W SB 22-52-01 INSTALLATION OF DRAIN HOLES, C/W SB 22-55-05 ENLARGEMENT OF DRAIN HOLES, ADJUSTED BOTH DOORS AND LUBED, REPLACED THE #6 EGT PROBE, TIGHTENED CENTER POST OF RH FUEL QTY SENDER, -END-

Signed *[Signature]* A&P 2699478 James J. Mazzante



# MAINTENANCE RECORD

F.A.R. 43.9

N # 299PM

MAKE: CIRRUS

MODEL: SR22

S.N: 0306

**TAC AIR**

6179 AMELIA EARHART DR

SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 320103

FHM: 46707

30 DEC 2003

**AIRFRAME LOG ENTRY** PERFORMED THE FOLLOWING: REPLACED 4 EA DIODES, PN: 50668-001, IN JUMPER HARNESS # 688. REPLACED FLAP RELAYS, P642 & P643 WITH NEW RELAYS, PN: 50288-001. REPLACED RIGHT INBD FLAP HINGE FAIRING WITH NEW FAIRINGS PN: 15065-004. REPLACED ACCESS PANEL, RW2 WITH NEW PANEL, PN: 12416-001. C/W CIRRUS **SB 22-71-03**, MODIFICATION OF OIL COOLER BAFFLE. REPLACED LOWER COWL SEAL WITH NEW PN: 14106-002. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 320103

*Tommy Hobbs* 30 DEC, 2003  
UXDR900X TOMMY HOBBS DATE

N # 299PM

MAKE: CIRRUS

MODEL: SR 22

S.N306

**TAC AIR**

6179 AMELIA EARHART DR

SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 324008

ACTT: 480.3

12 JAN 2004

**AIRFRAME LOG ENTRY** REPLACED AUDIO PANEL WITH REPAIRED UNIT, PN: 11-00401-10. SN OFF: 96261850, SN ON: 96262533. REPLACED LEFT FLAP INBD HINGE FAIRING, PN: 12423-001. SECURED DOOR HANDLE LOCK RINGS. REPLACED ANTI-SKID TAPE ON ENTRY STEPS. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324008

*Tommy Hobbs* 12 JAN, 04  
UXDR900X TOMMY HOBBS DATE



# 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
2-21-2004	Hobbs 526.0	Mounted New Tires And Tubes (2) Goodyear 15x6:00-6 Flight Custom III, (2) 15x6:00-6 Inner Tubes, Adjusted Main Tire Pressure 62 P.S.I. Per P.O.H. • Ellis Whigham AEP 424561728	

TAC AIR

WORK ORDER# 324075

F.H.M: 539.4

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

FAA REPAIR STATION # UXDR900X

03 MAR 2004

N# 299PM  
MAKE: CIRRUS  
MODEL: SR22  
S.N: 0306

**AIRFRAME LOG ENTRY** PERFORMED THE FOLLOWING: C/W SB 2X-95-07, CAPS PLACARD. C/W SB 2X-80-01, ENG STARTER REPLACEMENT. PN OFF: 655566, SN: 0210, PN ON: 656181, SN: 03 154 0005 REPLACED STANDBY (#2) ALTERNATOR WITH NEW UNIT, PN: 13565-001. SN OFF: 0521275, SN ON: 1032241. REPLACED # 6 CHT PROBE, PN: 14880-001 \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324075

*Tommy Hobbs* 3.3.04  
UXDR900X TOMMY HOBBS DATE



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
3-22-2004	Hobbs 582.1	Replaced ELT Batteries with 6 New Duracell CopperTop. Complied with FAR 91.207'D' by Functional Test. Replace Batteries by APRIL 2006. <del>Steel</del>	
4-14-04	Hobbs 617.3	Edlio Whigham HSR 424561728 Replaced Brake lining on Left/Right Main with 8-New Cleveland P/H 266-10500, 16 Rivets P/H 105-0200 2 O-Rings on Brake Caliper Pistons Right Main - O-Rings P/H MS28775-22 - Ground Run - Functional Test OKay. Edlio Whigham HSR 424561728	



# 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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N # 299PM  
MAKE: CIRRUS  
MODEL: SR-22  
S.N: 0306

**TAC AIR**

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 324188

FHM: 662.2

21 MAY 2004

**AIRFRAME LOG ENTRY**

C/W SB 2X-32-08, BRAKE LINE INSP & MOD. C/W SB 2X-27-08, TRIM CARTRIDGE LUBE & MOD.  
INSTALL OAT GROUND WIRE MOD KIT, PN: 70074-001. REPLACED MANIFOLD PRESSURE TRANSDUCER, PN: 12635-001. REPLACED  
AVIDYNE MFD WITH REPAIRED UNIT, PN: 700-00004-002. SN ON: 1210, SN OFF: 1345.. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH  
CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS  
APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
WORK ORDER # 324188

*Tommy Hobbs* 21 MAY 2004  
UXDR900X TOMMY HOBBS DATE

N # 299PM  
MAKE: CIRRUS  
MODEL: SR-22  
S.N: 0306

**TAC AIR**

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 324218

FHM: 692.4

18 JUNE 2004

**AIRFRAME LOG ENTRY**

COMPLY WITH THE FOLLOWING SERVICE BULLITENS ; 2X-28-02, INSP / REPLACEMENT OF  
FUEL SELECTOR VALVE SHAFT ASSEMBLY. 2X-55-10, HORZ STAB INSP HOLE SEALING. 2X-33-02, LANDING LITE CONTACT  
ADJUSTMENT. SB 2X-34-08, OAT PROBE GROUND WIRE PREVIOUSLY C/W AS MOD KIT, PN: 70074-001. REPLACED AIR PLENUM  
CONTROL LINK ASSEMBLYS, PN: 12111-001 & 12111-002. REPLACED LT & RT TAIL NAV LITES, PN: 34-0428070-64. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH  
CURRENT FAA REGULATIONS, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF  
THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324218

*Tommy Hobbs* 18 JUNE 2004  
UXDR900X TOMMY HOBBS DATE



# 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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### TAC AIR

WORK ORDER# 324258

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

F.H.M: 722.7

**FAA REPAIR STATION # UXDR900X**

16 JULY 2004

N # 299PM

MAKE: CIRRUS

MODEL: SR-22

S.N: 0306

**AIRFRAME LOG ENTRY**

ADJUSTMENT. \*\*\* end \*\*\*

COMPLETED ALERT SERVICE BULLETIN ASB 2X-25-08, CREW SEAT BREAK-OVER BOLT

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324258

16 July 2004

*Darrell Spargur*

UXDR900X DARRELL SPARGUR DATE

Airframe Log N # 299PM

MAKE: Cirrus

MODEL: SR-22

S.N: 306

### TAC AIR

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION UXDR900X**

WORK ORDER# 324312

F.H.M: 743.7

TACH:

DATE: August 27, 2004

Replaced left and right inboard flap hinge fairings with new units, P/N: 15065-004. Replaced map light switch with new unit, P/N: 12457-002. Operational check good. Performed Cirrus procedures on copilot door external handle ring. Completed Cirrus Service Bulletin 2X-95-08. Per service bulletin, new expiration date for CAPS reefing line cutters is now Mar 2008. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324312

*Darrell Spargur*

CRS# UXDR900X

DARRELL SPARGUR, DIRECTOR OF MAINTENANCE DATE: Aug 27, 2004



# MAINTENANCE RECORD

## F.A.R. 43.9

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Airframe Log N # 299PM

MAKE: Cirrus

MODEL: SR-22

S.N: 306

### TAC AIR

6179 AMELIA EARHART DR

SHREVEPORT, LA. 71109

**FAA REPAIR STATION UXDR900X**

WORK ORDER# 324313

F.HM: 743.7

TACH:

DATE: August 27, 2004

Replaced right navigation light bulb,P/N: 34-0428070-64. Operational check good.\*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, UNDER WHICH THE OPERATOR IS APPROVED, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324312

**CRS# UXDR900X**

*Darrell Spargur*  
DARRELL SPARGUR, DIRECTOR OF MAINTENANCE DATE: Aug 27, 2004

N # 299PM

MAKE: CIRRUS

MODEL: SR-22

S.N: 0306

### TAC AIR

6179 AMELIA EARHART DR

SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 324312

FHM: 746.3

**31 AUG 2004**

**ENGINE LOG ENTRY** REPLACED HORIZON INDICATOR WITH OVERHAULED UNIT FROM L-3 COMM, CRS # NN2R037L. PN: 5040111937. SN OFF: 504011193725327, SN ON: 504011193725203. REPLACED TRANSPONDER ANTENNA WITH NEW UNIT, PN: C1101. SN ON: 4073526. SWAPPED #1 & #3 CHT PROBES. \*\*\* end \*\*\*

CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND WITH REGARD TO WORK PERFORMED, IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 324312

**31 AUG 2004**

*Tommy Hobbs*  
**UXDR900X, TOMMY HOBBS**

DATE



# 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
9-29-2004	784.8 HRS	<p>INSPECTED AIRCRAFT IN ACCORDANCE WITH CURRENT MAINT. MANUAL CHAPTER 5-20 AND ANNUAL INSPECTION FAR 43 APPENDIX "D".</p> <p>SERVICED BATTERY. SERVICED HYD. RESERVOIR W/MIL 5606.</p> <p>INSPECTED AND GREASE PACKED WHEEL BEARINGS LEFT/RIGHT MAINS</p> <p>NOSE WHEEL ASSEMBLY INSTALLED NEW BRAKE LININGS LEFT/RIGHT MAINS W/CLEVELAND LININGS P/N 066-10500, 16 REVETS P/N 10500200, INSTALLED NEW AIR FILTER ELEMENT BRACKET P/N BA24. COMPLIANT WITH F.A.R. 91.207 "D". FUNCTIONAL TEST OF E.L.T. BATTERIES EXPIRE MAR 2008, GROUND RUN, FUNCTIONAL TEST ALL SYSTEMS ——— END ———</p>	
		<p>I certify that this aircraft/engine has been inspected in accordance with a/an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition</p> <p>Ellis Whigham A &amp; P 424561728 IA</p> <p><i>Ellis Whigham</i></p>	

DATE COMPLETED

10-0

1-23



## F.A.R. 43.9

[illegible]



N # 299PM

MAKE: CIRRUS

MODEL: SR22

S.N: 0306



6179 AMELIA EARHART DR

SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 325046

F.H.M.:

18 FEB, 2005

SA01232SE. INSTALLATION WAS PER PRECISE FLIGHT INC. DRAWING LIST 003N0000. INSTALLED KIT # KT 4360-A4, SN: BH0022436. AIRCRAFT FLIGHT MANUAL SUPPLEMENT WAS ADDED TO AIRCRAFT OPERATIONS MANUAL, WHICH INCLUDES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. WEIGHT & BALANCE SECTION OF POH UPDATED TO REFLECT INSTALLATION. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 325046

**18 FEB, 2005**

UXDR900X

TOMMY HOBBS



DATE \_\_\_\_\_

4-8-2005 Hobbs Meter 929.2 INSTALLED FAIRING STRUT UPPER L/H MAIN  
LANDING GEAR P/N 13397-901, RIGHT MAIN UPPER STRUT FAIRING  
P/N 13397-902, 2- P/N 300 FUEL CAP SEAL KIT 2/R FUEL CAPS  
RIGHT WING NAV LIGHT LENS P/N 68-4250066-30, Bulb P/N 50911-001.  
Ellis Whigham A# P424561728



# 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 AUG 02	3.8	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502</p> <p>Name: Andy Black Date: <u>17 AUG 02</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
8-17-02	3.9 Hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>08 / 17 / 02</u>. The next inspection is due <u>08 / 31 / 03</u>.</p> <p><u></u></p> <p>TIMOTHY L. BONDERER DMIR410074CE</p>



# 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

**TAC Air**

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 325205

F.H.M: 943.1

27 APR, 2005

N # 299PM  
MAKE: CIRRUS  
MODEL: SR-22  
S.N: 0306

**AIRFRAME LOG ENTRY** C/W SB 2X-25-06, CREW SEAT RECLINE LOCK INSTALLATION. **INSTALLED ON PILOT SEAT ONLY.**  
C/W SB 2X-25-07, DUAL INERTIA REEL SEAT BELT INSTALLATION. LT SEAT SN ON: 02FEB05-106. RT SEAT SN ON: 02FEB05-79.  
C/W SB 2X-25-08, CREW SEAT BREAK OVER BOLT ADJUSTMENT. \*\*\* end \*\*\*

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH  
CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON  
FILE AT THIS REPAIR STATION UNDER WORK ORDER # 325205

27 APR, 2005

UXDR900X

TOMMY HOBBS

DATE

DATE

05-24-2

N # 29

MAKE:

MODEL:

S.N: 0306

AIRFRAM

ORIGINAL

PILOT SEA

I CERTIFY

CURRENT

FILE AT TH

UXDR90



# INSPECTION RECORD

F.A.R. 43.11-91.409

# 325205  
I.M: 943.1  
PR. 2005  
ONLY.  
WITH  
AREO

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
05-24-2005	Hobbs Meke 964.8 hrs	Installed 8-066-10500 Brake lining, 16-105-00200 Rivets. L/R MAINS. MOUNT AND BALANCE 2-Goodyear Flight Custom III 15X6:00-6 ply w/new inner tubes, Grease Packed Wheel Bearings L/R MAINS. Installed 4-MS 28775-22 O-RINGS ON BRAKE CALIPER PISTONS L/R MAINS. Ellis Whigham AEP 424561728

**TAC Air**

6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 325394

F.H.M: 1031.1

22 JULY, 2005

N # 299PM

MAKE: CIRRUS

MODEL: SR22

S.N: 0306

**AIRFRAME LOG ENTRY** REMOVED PRECISE FLIGHT SEMI-PORTABLE OXYGEN SYSTEM INSTALLED 18 FEB, 2005. REVERT TO ORIGINAL FACTORY WEIGHT & BALANCE. C/W SB 2X-25-06 R3, CREW SEAT RECLINE LOCK INSTALLATION. INSTALLED ON CO-PILOT SEAT. PILOT SEAT C/W ON 27 APR, 2005.

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 325394

22 JULY, 2005

UXDR900X

TOMMY HOBBS

DATE



# 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
8-5-05	Hobbs 1035.6	Installed Pressure Differential Switch P/N 14128-00. Tachometer Sensor P/N 655862 Adjust Magneto Timing. — END — Ellis Whigham A & P 424561728
9-16-05	Hobbs 1059.9	Inspected in Accordance With FAR 43 Appendix "D", Cessna Service Manual P/N 13773-01. Serviced Battery Serviced Hyd. Reservoir. Grease packed ALL Wheel Bearings Inspected Brake Linings. Complied with FAR 91.207 "D" Function Test ELT. Battery Expires March 2008. A D's checked thru 2005-18. AD 2005-17-19 P/N with SB A2X-25-08. Ground Run - Ops check OKAY. — END —
		I certify that this aircraft/engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. Ellis Whigham A & P 424561728 IA
		Ellis Whigham



# 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



6179 AMELIA EARHART DR  
SHREVEPORT, LA. 71109

**FAA REPAIR STATION # UXDR900X**

WORK ORDER# 325590

F.H.M: 1080 I

24 OCT, 2005

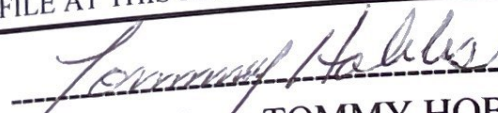
INSTALLED NEW # 2 ALTERNATOR DRIVE COUPLING, PN: 13565-020

\*\*\* end \*\*\*

**AIRFRAME LOG ENTRY**

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 325590

**24 OCT, 2005**

  
UXDR900X / TOMMY HOBBS

Date: March 17, 2006

A/C Time: 1141.3 Hours

N Number: N299PM

A/C Make: Cirrus

A/C Model: SR22

A/C SN: 0306

Updated the Avidyne EX5000 with software Entegra Release 6.0 in accordance with service bulletin Document number 601-00004-056 Rev. 00 dated 1 December 2005.

Authorized Signature for:

Nolan Avionics, 8 Waldron Rd., Hangar 24C, Durant, OK. 74701 C.R.S. CX2R758K



# 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
4-14-06	Hobbs 1160.0	INSTALLED NEW BRAKE LINING LEFT/RIGHT MAINS, 8-Lining P/M 066-10500; 16-Rivets P/M 105-00200. Replaced Cakes Piston O-Rings 4 - P/M MS28775-222. Replaced 2 SCREWS IN MAIN BEAR Leg FAIRING P/M 13420-01. Serviced BRAKE SYSTEM w/ MIL 5606 Hyd FLUID. Adjusted NOSE BEAR TO 15 PSI Side Pull.
10-12-06	Hobbs 1219.2	<p>Ellis Whigham AEP 424561728</p> <p>INSPECTED IN ACCORDANCE WITH CIRCUS SERVICE MANUAL P/M 13773-1 AND FAR 43 APPENDIX "D". INSTALLED NEW BILL G-243 BATTERY, #2 BATTERY PACK w/ 2 P/M 50979-001 12V BATTERIES. Complied WITH FAR 91.207D BY FUNCTIONAL TEST ELT. BATTERY EXPIRES MARCH 2008. C/W SB SA-06-06 MC4 SCHEDULED MAINTENANCE. C/W AD 2006-07-06 INSTALLED FUEL LINE SHIELD KIT # 70133-001. C/W SB 2X-24-06 INSPECT ALTERNATOR WIRING. AD'S CHECKED THRU 2006-20. INSTALLED NEW BRAKE DISC L/R MAINS Cleveland P/M 164-01501. NEW BRAKE LINING P/M 066-10500 INBOARD PADS L/R MAINS. INSPECTED WHEEL BEARINGS L/R MAINS, NOSE WHEEL GREASE PACKED SAME. Adjusted Tire Pressure - NOSE TIRE 40 PSI. MAINS 62 PSI PER P.O.H. - CONTINUED -</p>

DATE	AIRCRAFT IN SERVICE
10-12-06	121
Sept. 25, 2006	



**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
10-12-06	1219.2	<p>— CONTINUED — INSTALLED NEW WHEEL FAIRING BRACKET            LT. MAIN P/N 17205-001, RT. MAIN P/N 17205-002. New Air Filter            P/N BA-24. SERVICED HYDRAULIC RESERVOIR. GROUND RUN —            OPERATIONAL CHECK GOOD. — END —</p> <p>I certify that this aircraft/engine has            been inspected in accordance            with a/an <u>ANNUAL</u>            inspection and was determined to            be in an airworthy condition.            Ellis Whigham A &amp; P 424561728 IA</p> <p><i>Ellis Whigham</i></p>
Sept. 25, 2006	1216.6	<p>Installed new #1 Battery. Gil #243, ser. # G02285010</p> <p>Eric Stutenillo, owner</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
2007 12-27-07	Hobbs 1254.1	<p>Installed New CHT Probes Cyl # 4 &amp; # 6 P/N 14880-001.            Removed Defective Starter Drive Adapter P/N 642083A12            Starter 651181. Installed Overhauled Starter Adapter            P/N 642083-A12 S/N CAS-2021, Overhauled Starter            646275-1 S/N G122109. Replaced Screw Loft Main Wheel            Fairing P/N AN525-832R7. Installed Fuel Cap O-Ring K.I.T.            L/R Caps K.I.T # 300 Cap Seal K.I.T. Dressed Nicks from Prop.            Blades. Ground Run - Operational Check Satisfactory.            Ellis Whigham ADP 424561728</p>
		<p>Date: 3-12-07 Tach: 1264.5</p>
		<p>THE TESTS REQUIRED BY FARs 91.411 &amp; 91.413</p>
		<p>WERE PERFORMED AND FOUND TO COMPLY</p>
		<p>WITH FAR PART 43, APPENDICES E &amp; F.</p>
		<p>NOLAN AVIONICS DURANT, OK.</p>
		<p>FAA C.R.S. CX2R758K</p>
		<p>TRANSPONDER GARMIN GTX-327 S/N 837</p>
		<p>ALTIMETER UNITED S/N 427412 10581</p>
		<p>SIGNED Larry R. Nolan</p>



# 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

11 May 2007  
Hobbs: 1322.2

N299PM

Work Order # RS-000864

The Hangar Inc.



Cirrus

SR-22

SN: 0306

## AIRFRAME LOG

Completed SB 2X-95-09, CAPS Strap Abrasion Inspection, installed kit 70142-001. Completed SB A2X-95-10R2, CAPS Pick-up Collar Support Replacement, installed kit part number 70181-002. \*\*\* end \*\*\*

The aircraft, or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration, and is approved for return to service.

Authorized Signature Danell Payne A&P 483746711  
The Hangar Inc.  
6179 Amelia Earhart Dr. Shreveport, LA 71109

7-30-2007 N299PM SN0306

Hobbs meter 1360.3

Removed wheel pants and gear

Fairing left/right mains, replaced

missing screws, install click bond

P/N 50741-005 left main gear leg

installed wheel pants & fairing

Ellis Whigham ATP424561928







# INSPECTION RECORD

F.A.R. 43.11-91.409

FOR SERVICE

2 P/A 13723-00  
207 "D"  
E-01 S/N 60469  
-Lled New  
& Cruise Pack  
-e Installed

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-11-08	11015 1439.7	Removed #1 ALTERNATOR TCM P/M 646843 S/N 00620A022 Overhauled by Quality Aircraft Accessories Tulsa, OK W.O.# 63153, Installed Same. Replace ALTERNATE A-C INTAKE SCAT HOSE. GROUND RUN - OPERATIONAL Check Satisfactory. — Eddy Whigham AIP A24561728

N299PM  
Date: 05-2-2008

HM: 1477.3

Airframe

Work Order: RS-001309

Make: Cirrus  
Model: SR-22  
S/N: 0306

The Hangar Inc.



Installed new CAPS Reefing Line Cutters, part number 5212-01, Lot number TOS08A003-049, expiration date 02/2014. Work accomplished in accordance with Cirrus SR-22 CAPS Component Maintenance Manual 95-01-01. ....END.....

The aircraft, engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration. Pertinent details are on file at this agency under work order #RS-001309

Authorized Signature

*Daryl J*  
The Hangar Inc. CRS# T0H2155Y  
6179 Amelia Earhart Dr.  
Shreveport, LA 71109







# 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
12-18-08	1555.6	<p>Inspected Air Frame IN ACCORDANCE WITH FAR 43 Appendix "D". And CARUS MAINTENANCE MANUAL P/M 13773-001. Replaced Auxiliary Batteries P/M 50979-001. Removed Tachometer and Transducer - Sent TO Rudy Aircraft Instruments - Cleaned And CERTIFIED, Complied WITH AD 08-03-16 By Installation R.A.I KIT P/M 70197-001. Replaced Bungee Cord P/M 12983-001. Complied WITH FAR 91.207, "D" Functional Test ELT, Batteries Expire NOV, 2009. Installed Serviceable Tire ON LEFT MAIN. And Balanced Wheel/Tire Assembly. Removed Propeller - Sent TO FOSTER'S Propeller Service FOR OVERHAUL. Cleaned CONTACTS #2 ALTERNATOR Field CONTROL Module. Serviced BATTERY. INSPECTED AND GREASE PACKED ALL WHEEL BEARINGS, INSPECTED BRAKES. ADJUSTED Tire Pressures 40 PSI. NOSE, 62 PSI MAINS. GROUND RUN AND TEST FLIGHT SATISFACTORY.</p> <p>I certify that this aircraft/engine has been inspected in accordance with <u>an ANNUAL</u> inspection and was determined to be in an airworthy condition.</p> <p>Ellis Whigham A &amp; P 424561728 IA</p> <p><i>Ellis Whigham</i></p>



# 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: 06/08/2009 Tach: 16118  
THE TESTS REQUIRED BY FARs 91.411 & 91.413  
WERE PERFORMED AND FOUND TO COMPLY  
WITH FAR PART 43, APPENDICES E & F.  
NOLAN AVIONICS DURANT, OK.

FAA C.R.S. CX2R758K  
Updated EX500 to show revision 8.0 + added CMAX  
TRANSPONDER Garmin GTX 327 Transponder SN 83710581  
ALTIMETER United p/n 5934D3 - SN 427412  
SIGNED Laura E. Stephens

9-23-09 Hammer 1648.8 h

Install new log module P# 14610-002  
Replane Brake lining both sides with 'o' Rings  
Bleed Brakes for up & check OK Return to Service  
Barry APP 1488747



## INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

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

DATE	AIRCRAFT TIME IN SERVICE	
12 Jan 2010		<p>Wear Meter 1691.0 h</p> <p>CW FAR 91.207 D install new Battery inspect &amp; operate ELT. lub gear &amp; flight Controls</p> <p>Service Battery &amp; Brake Pos. Repair nose Strut Spring</p> <p>Blue Pt wing / winged Pipman AN 3-14 Bulb &amp; AN 312-3</p> <p>nut on gear. Pipman Both Main gear Strut Springs</p> <p>Pipman Pt Main Tire 15 x 6.5 16 ply center III</p> <p>I certify that this aircraft/engine          been inspected in accordance          with a/an <u>ANN 011</u>          inspection and was determined to          be in an airworthy condition.          Baron C. Wylie A &amp; P 1488747 IA</p> <p><i>[Signature]</i></p>
1 June 2010		<p>Wear Meter 1737.3 h</p> <p>Install A-610 Stroke Bulb, 1524 Bulb &amp; A604</p> <p>Petrain Pt wing operation check #2</p> <p>Ptms to Service, <i>[Signature]</i></p> <p>A &amp; P 1488747</p>



# 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

1 March 2011 Hobbs 1811.1h

NO FAR 91.207D inspect & operate E.L.T.  
ROAD 06-21-03 Replace "O" Rings, Install  
2 new back up Batteries, Service Batteries, Service Brake  
Pins, Lub flight controls, Check lights, Lub wheel  
Bearings

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

Baron C. Wylie A & P 1488747 IA

*Baron C. Wylie*



**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: 10/04/2011 Tach: 1887.8

## THE TESTS REQUIRED BY FARs 91.411 & 91.413

WERE PERFORMED AND FOUND TO COMPLY

WITH FAR PART 43, APPENDICES E & F.

# NOLAN AVIONICS

DURANT, OK.

FAA C.R.S. CX2R758K

TRANSPONDER

## ALTIMETER

SIGNED



# 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
		<p>11-23-11 Drained oil &amp; removed filter            Serviced w/ 8QTS Aeroshell 15W50 &amp; Champion            Ch48109-1 filter. Compression ck per Customer            Request #1 70/80 #2 62/80 #3 61/80 #4 62/80 #5 58/80            #6 78/80. Serviced Brake Reservoir. Install            New Gil 243 Aircraft Battery S/N-G02695503            Ground Run NO LEAKS Detected- Return To            Service. Tach- 1905.6</p> <p><i>[Signature]</i> 3213493 AIP</p> <p>END</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
------	-----------------------------	---

12-14-11 Hobbs: 1913.1 N299PM

Install new Goodyear 15/600-6 flight  
Sprocket # ; Goodyear 15/600 Tubes on  
LH & RH Main wheels. Replaced wheel  
fairing BRACKET on RH Main fairing.

P. H. McF 3213493AIP



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	Date <u>1-13-12</u>	Time <u>1914H</u>
	Propeller dynamically balanced to <u>0.12</u> IPS	
	IAW C&H Manual AW9511-2.	
	Inspector <u>[Signature]</u>	AP2666760
	Felkins Aircraft Ltd	
	PO Box 33192. Tulsa, Oklahoma 74153	
	918-691-5637	
1-12-12	Hobbs	1914.4 TTA - 1914.4. Remove Insp Plates & chd Cables, Pullers & Bellerbinks. Install New ELT Bat & ops chd as per 91.207d. Replace ELT Bat on 1-2014. Jacked A/C & Repacked wheel, Bearings. Replace Landing gear Strut growanets on Both LH & RH. Install New Bearings & Race in nose gear C/W AD 2006-26-03 by Regaling Both Calpin & Bleed System. All Systems Chd OK at This Time. <u>[Signature]</u> 3400975JA
		New Page



# 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 1-12-12 TAG/HOBBS 1914.4  
I CERTIFY THAT THIS Aircraft HAS BEEN  
INSPECTED IN ACCORDANCE WITH Annual  
INSPECTION AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION AND WAS RETURNED  
SERVICE Phillip O. Brenner

Phillip O. Brenner BrenAir Inc.

3400976 IA

Aug 2013 TIA-1914.7 Replaced all Truss Plate & chd Cables  
Pulley & Bellcrank. C/W AD 2006-21-03  
Replaced Standby Batteries. due again  
Aug 2015. Ops chd EAT ~~for~~ to per  
91.207(d). This Aircraft is ~~unworthy~~  
Un Airworthy until Parachute & Rieting  
Cutter ARE Replaced. Phillip O. Brenner  
3400976 IA



## 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
7-29-14	1914.8	I have Insp A/C & Found it safe For Ferry flight Direct To Tul. Philly C 3400976JA
7-31-14	1914.8	Installed New G-243 Bat. Philly C 3400976JA





## Autopilots Central, Inc.

3112 North 74th East Avenue  
Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
(918)836-6418 - Fax (918)832-0136  
FAA CRS CM2R747K  
Logbook Entry

Sold To: Advanced Aviation  
215 East Choctaw Ave  
Suite 103  
McAlester, OK 74501

Work Order: MA14-04375  
Acct Number: (918)424-4279

Opened: 4/11/2014  
Closed: 8/20/2014

Aircraft Number: N299PM Type: CIRRUS SR22 S/N: 0306  
Total Time: 1,916.0 Hobbs Time: 1,916.0 Tach Time: LG Cycles:

### Discrepancy: 1

#### Action Taken:

CAPS 10 Year change. Received parachute on 6-19-2014.

1. Removed CAPS parachute assembly p/n 15046-002 unit s/n 00607. Removed rocket assembly s/n 0591. Found the line cutters were expired.
2. CW SB 2X-95-17R1, CAPS rocket motor assembly replacement and modifications.
3. CW SB 2X-95-13, CAPS strap grommet installation.
4. CW SB 2X-95-09R1, CAPS strap abrasion inspection.
5. Installed repacked parachute p/n 25574-002-INSP unit s/n 00716R1. Installed new Rocket motor assembly p/n 29500-403 s/n 00541.
6. Installed new line cutter kit p/n 25347-002. Cutter s/n's 6749 and 6752. with manufacture date of July 2014.
7. Line cutter replacement is due July 2020. CAPS parachute and rocket assembly is due June 2024. Sublet Service Completed: 8/19/2014 Description: Full Prime and Paint over Parachute Area Performed By: Oklahoma Aircraft Refinishers LLC

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
100445	EVERCOAT SPOT LITE/BODY FILL		2.00	Each				\$
	Freight		1.00					\$
12430-001	Placard, CAPS Cover Blk/Clear		2.00	Each				\$
25347-002	Kit, Line Cutter Replacement		1.00	Each				\$
25574-002-INSP	Parachute Assembly		1.00	Each				\$
	S/N: 00716							
29500-403	Assembly, Rocket Motor		1.00	Each				\$
	Freight		1.00					\$
			1.00	Each				\$
29705-002	Frangible Link		1.00	Each				\$
70268-001	Kit, Retrofit Elec Ignition		1.00	Each				\$
70269-001	Kit, Retrofit G5 Rocket		1.00	Each				\$
COVER-KIT	CAPS Enclosure, G1		1.00	Each				\$
COVER-KIT ADHESIVE	Adhesive, Cover-Kit		1.00	Each				\$
MS21266-1N	Grommet (GSNY-052-9-C)/Ft.		1.00	Foot				\$
MS21266-6N	Grommet (GE318-L)/Ft.		1.00	Foot				\$
S1477-08	Nut Clip		4.00	Each				\$

### Discrepancy: 2

#### Action Taken:

Picked up aircraft at McAlester, OK and deliver to Tulsa. 8-01-2014. Charge is for labor and fuel used in pick up aircraft. Noted the following discrepancies on this a/c when bring a/c to Tulsa for the CAPS change.

1. Take off rpm is 2610 and should be 2680 to 2700 rpm. The rpm is intermittent in operation. Some times the rpm indication quites.
  2. Fuel flow is low on take off. This may be due to the low take off rpm.
  3. Cruise rpm or dead band setting is out of limits. You have 2430 rpm and should be 2480 to 2520.
  3. Both GNS 430 Nav.Com units have the memory battery warning.
  4. Have 1 to 1.5 inches free play in the elevator system. This play is measured at the control yokes.
- NOTE: Your a/c is out of its annual inspection which expired Aug. 2014.

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
AVGAS	AvGas		28.70	Gallon				\$

### Discrepancy: 3



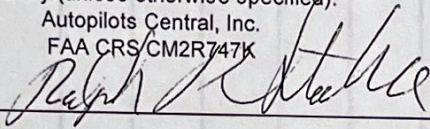
**Autopilots Central, Inc.**  
3112 North 74th East Avenue

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
15W50	Aeroshell Oil		2.00	Each				\$
<b>Miscellaneous Charges:</b>								
<b>Totals:</b>							Misc Supplies:	\$
<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**





# Autopilots Central, Inc.

3112 North 74th East Avenue  
Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
(918)836-6418 - Fax (918)832-0136  
FAA CRS CM2R747K  
Logbook Entry

Sold To: Advanced Aviation  
215 East Choctaw Ave  
Suite 103  
McAlester, OK 74501

Work Order: MA14-04526  
Acct Number: (918)424-4279

Opened: 8/25/2014  
Closed: 9/25/2014

Aircraft Number: N299PM Type: CIRRUS SR22 S/N: 0306  
Total Time: 1,916.0 Hobbs Time: 1,916.0 Tach Time: LG Cycles:

## Discrepancy: 1

### Action Taken:

GNS430 NavComGPS P/N 011-00280-10 S/N 97110142

PRELIMINARY INSPECTION: Troubleshoot S/N 97110142 and found battery measured 0.281vdc. Replaced memory battery.

Used Garmin 400 Series Maintenance Manual #190-00140-05, Rev. 5 as a reference.

GNS430 P/N 011-00280-10 S/N 97110155 PRELIMINARY INSPECTION: Troubleshoot and found battery measured 2.5vdc. Replaced memory battery. Used Garmin 400 Series Maintenance Manual #190-00140-05, Rev. 5 as a reference.

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
360-00009-00	Battery, Memory GNS430/530		1.00	Each				\$
360-00009-00	Battery, Memory GNS430/530		1.00	Each				\$

## Discrepancy: 2

### Action Taken:

Excessive play in the elevator control system. Complied with SB 2X-27-12R1, Installed kit 70124-001, modification of forward torque tube holes.

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extended
70124-001	Kit, Flight Control		1.00	Each				\$

## Discrepancy: 3

### Action Taken:

1. Tachometer system is not indicating on the MFD or the right tach instrument. Inspected wiring at the right magneto to the firewall. Inspected pins at engine aft baffle connector plug. Did not find any fault. Removed pick probe from another working aircraft and installed in your right magneto. Run up engine with no rpm indication. Swapped SIU box from another a/c to yours with no success. Cleaned up engine ground to firewall grounds. Cleaned up grounds at the MCU unit. Tach indication is now working.
2. Adjusted take off RPM to get 2670 on the ground. Should increase to 2690 on take off.
3. Adjusted throttle propeller dead band to 2410 rpm.
4. Adjusted fuel injection pump high side pressure to get in limits.

## Miscellaneous Charges:

Totals: Misc Supplies: \$

SubTotal: \$  
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.



# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION STATUS & DISCREPANCY LIST

DATE	AIRCRAFT IN	1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>	<b>2. AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number  <b>MAK-04526</b>
		4. Organization Name and Address: <div style="display: flex; justify-content: space-between;"> <span>FAA CRS #CM2R747K</span> <span><b>AUTOPILOTS CENTRAL, INC.</b></span> </div> <div style="display: flex; justify-content: space-between;"> <span></span> <span>HANGAR 23, TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115</span> </div>				5. Work Order/Contract/Invoice Number: Same #3
		6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
		<b>1</b>	<b>GWS 430</b>	<b>011-00280-10</b>	<b>1</b>	<b>97110155</b>
		11. Status/Work:  <b>Repair</b>				
12. Remarks: Reference attached service shop report for work performed.						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 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 Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
						<b>CM2R747K</b>
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				<b>Charles A Schacht</b>		<b>25 AUG 14</b>
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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.						



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DAI



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

Date: 11/11/2014; Aircraft: N299PM  
Cirrus SR22, S/N: 0306 Annual Inspection.  
WO: MA14-04598 Hobbs: 1916.0

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 6-30-2021. ELT is an ACK E-01 S/N: 060469. IFR certifications iaw FAR 91.411 & 413 are due 10-31-2016. The Annual Inspection expires 11-30-2015. Parachute and Rocket motor due for replacement 6-30-2024. CAPS Reefing Line Cutters due 7-31-2020.

### Made the following repairs or special inspections:

Complied with SB2X-32-19R1 by inspecting the nose landing gear upper gusset plates iaw paragraph D. No cracks noted at this time. Installed Cirrus kit 70238-001. Paragraph D due each 100 hours. Installed new Belleville washers and bushings in the nose landing gear fork. Installed new rebound bumper on the nose landing gear strut. Re-sealed the LH and RH brake calipers. Installed new temperature indicators on the LH and RH calipers. Replaced the LH flexible brake line. Drained and replaced hydraulic brake fluid in brake system. Bled the brakes. Completed a battery capacitance test on the main battery. Found it at 127%. Minimum capacity for continued airworthiness is 80%. Installed new battery vent hose. Cabin fire extinguisher weighed 25.2 oz. Replaced the pilot's and co-pilot's cabin door snubber grommets. Lubricated and freed the alternate air cable. LH wing failed the fuel cap resistance test. Had 37 kohms resistance. ~~100 kohms~~ resistance is 100 ohms. Removed the wing root fairing and leading edge cap to gain access to rear bonding strap and screws. Removed screws and filler to EMM. Installed new screws with internal star washers and nuts. Resistance now at 15 ohms. Re-installed the wing root fairing and sealed with caulk.

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 CM214747K



Ref: 91.411

I certify that the altimeter(s), altitude reporting system(s),  
and static system(s) have been tested and inspected IAW  
FAR Part 43, Appendix E.

Date 11-2-14

Signature [Signature]

For Autopilots Central, Inc.  
Tulsa, Oklahoma FAA CRS CXM2R747K

Work Order # MA14-04598

Ref: FAR 91.413

ATC Transponder GTX 327 s/n 83710531  
was tested and inspected and complies with  
FAR Part 43, Appendix F.

Date 11-6-14

Signature [Signature]

For Autopilots Central, Inc.  
Tulsa, Oklahoma FAA CRS CM2R747K

Work Order # MA14-04598

RD

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& DISCREPANCY LIST  
OR DISSAPPROVING AIRCRAFT FOR SERVICE