

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

FBC 92813

F3905

ENGINE	Teledyne Continental Motors	40-220-N	L
ENGINE			R
PROPELLER	Hartzell Propeller Inc.	PHC-534F-1N	FP5689B
PROPELLER			
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ENGINE			
PROPELLER			

5-08-07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES  
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE

CDC



on 05/08/07

Cirrus Design Corporation Duluth, MN USA

PC# 338CE



## Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	21814-001	S/N <u>3393</u>	<u>03/17</u>
CAPS Parachute	20331-001	S/N <u>02823</u>	<u>04/17</u>
CAPS Reefing Line Cutters	5212	LOT <u>T0506M</u> <u>003-0039</u>	<u>02/13</u>
Oxygen Bottle Assembly	100N0020-4	MFG Date <u>01/07</u>	<u>01/2022</u>
ELT Battery Pack	452-6504	Date Installed <u>04/07</u>	<u>08/2011</u>
EMA Controller, AAIR	20902-001	S/N <u>2Feb07-97</u>	<u>2Feb2014</u>
Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 0234 20328</u>	<u>2/1/2014</u>

5-24-07

Searched AD's through bi-weekly  
issue 2007 - 10 . All AD's are in  
compliance at this time.

*Car R. Baker*

AHP 2769092

E Cirrus  
DEL SR22 G3  
22-2525  
NO 550PK  
RK ORDER  
2-07-2007



### Cirrus Design Factory Service Center

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

DATE 7/19/2007

A/C TSN 64 3

HOBBS 64 3

### Entries

Complied with Kelly Aerospace Mandatory SB No. 26, Issue date 19 July 2007 Removed LH Turbocharger (P/N 466304-0003, S/N KCN00944) and  
Turbocharger (P/N 466304-0003, S/N KCN01109) Replaced with new Turbochargers, LH (P/N 466304-0003, S/N KEN00238) and RH (P/N  
304-0003, S/N KFN00351) Work done IAW Kelly Aerospace Power Systems SB No. 26, Tornado Alley Turbo MM 215-10 and ETI SR22  
Normalizing System Installation Instructions 215-9

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

TE: 7/19/2007

SIGNED:

Scott Schelde

Certified Repair Station No. YD5R855Y

Work Order: 9462-07-2007

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# 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.
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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9629-08-2007



## Cirrus Design Factory Service Center

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

DATE 8/15/2007  
A/C TSN 104 1  
HOBBS 104 1

### AD Entries

(8) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2007-16. All AD's and MSB's are in compliance at this time

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

DATE: 8/15/2007

SIGNED:

Joseph Sullivan  
Certified Repair Station No YD5R855Y

Work Order: 9629-08-2007

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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9745-08-2007



## Cirrus Design Factory Service Center

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

DATE 8/29/2007  
A/C TSN 137 9  
HOBBS 137 9

### SB Entries

(4) Complied with SB 2X-31-02 by installation of heat shrink tubing on the P1051 connector and securing as specified

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

DATE: 8/29/2007

SIGNED:

Mitch Knase  
Certified Repair Station No YD5R855Y

Work Order: 9745-08-2007

Printed by EBis 3 (datcomedia.com)

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.
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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9774-08-2007



### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4015 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3101

DATE 8/30/2007  
A/C TSN 137 9  
HOBBS 137 9

### AD Entries

(4) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2007-17 All AD's and MSB's are in compliance at this time

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

DATE: 8/30/2007

SIGNED:

Work Order: 9774-08-2007

Certified Repair Station No YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9865-09-2007

### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4015 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3101

DATE 9/17/2007  
A/C TSN  
HOBBS

### SB Entries

(5) Complied with Service Bulletin 2X-28-07 Fuel Check Valve Removal by removing R/H and L/H fuel supply tube/check valve assemblies and install kit part number 70195-002 IAW the service bulletin instructions. Operational and leak checks good. (6) Acft is in compliance with A.D. 07-16-10. Aerospace Power Systems Turbo Chargers P/N. 466304-0003 Serial Numbers KEN00238 and KFN00351 are not within effective range specified in Kit. Aerospace Power Systems S.B. No. 26 Rev B issued July 27, 2007

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: 9/17/2007

SIGNED:

Peterson, Daniel J  
Certified Repair Station No YD5R855Y

Work Order: 9865-09

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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: 11/9/2007

SIGNED:

Steven LaMourea  
Certified Repair Station No. YD5R855Y

Work Order: 10240-11-2007

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG NO: 550PK  
WORK ORDER  
10567-01-2008



### Cirrus Design Factory Service Center

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

DATE: 1/8/2008  
A/C TSN: 2816  
HOBBS: 2816

### AD Entries

(2) Researched AD's thru current Bi-Weekly 2008-02. AD 2007-24-13 has been PCW by installing drain holes IAW CDC SB 2X-57-08. All AD's are in compliance at this time.

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: 1/8/2008

SIGNED:

Karl Hagglund  
Certified Repair Station No. YD5R855Y

Work Order: 10567-01-2008

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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10752-02-2008



## Cirrus Design Factory Service Center

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

DATE 2/22/2008

A/C TSN: 293 1

HOBBS: 293 1

### AD Entries

(2) Researched AD's thru current Bi-Weekly 2008-04. All AD's are in compliance at this time

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: 2/22/2008

SIGNED:

Curt Kracke  
Certified Repair Station No YD5R855Y

Work Order: 10752-02-2008

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# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL.  
NUMBER

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11052-04-2008



## Cirrus Design Factory Service Center

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

DATE 4/22/2008  
A/C TSN 334 5  
HOBBS 334 5

### AD Entries

(2) Researched AD's through bi-weekly 2008-08 and MSB's through 04-14-08, all AD's and MSB's are in compliance at this time (8) Complied with CDC SB 2X-52-07R4, Cabin Door Rod End Replacement, by installing improved hardware IAW SB Instructions (10) Complied with AD 2008-06-08 (Avidyne PFD) by installing (APPENDIX TO AD 2008-06-28 LIMITATIONS REGARDING AVIDYNE PRIMARY FLIGHT DISPLAYS) in the limitations section of the POH PFD S/N 20009297

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: 4/22/2008

SIGNED:

Steven LaMourea  
Certified Repair Station No YD5R855Y

Work Order: 11052-04-2008

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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11219-05-2008



## Cirrus Design Factory Service Center

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

DATE 5/13/2008  
A/C TSN 364 8  
HOBBS 364 8

### AD Entries

(2) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2008-10 All AD's and MSB's are in compliance at this time

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: 5/13/2008

SIGNED:

Steven LaMourea  
Certified Repair Station No YD5R855Y

Work Order: 11219-05-2008

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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG. NO: 550PK  
WORK ORDER  
11317-06-2008

### Cirrus Design Factory Service Center

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

DATE: 6/13/2008  
A/C TSN: 388 6  
HOBBS: 388 6

#### SB Entries

(26) Complied with SB2X-08-01 by correcting the weight and balance history IAW Service Bulletin instructions (27) Complied with SB2X-57-09 by installing flap cove kit P/N 70202-001 IAW SB instructions

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

DATE: 6/13/2008

SIGNED:

Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 11317-06-2008

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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG. NO: 550PK  
WORK ORDER  
11481-06-2008



### Cirrus Design Factory Service Center

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

DATE: 6/30/2008  
A/C TSN: 433 9  
HOBBS: 433 9

#### AD Entries

(2) Researched Airworthiness Directives through current bi-weekly 2008-14. All applicable AD's are in compliance at this time.

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: 6/30/2008

SIGNED:

Erick Sjodin  
Certified Repair Station No. YD5R855Y

Work Order: 11481-06-2008

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# 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.
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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11665-07-2008

## Cirrus Design Factory Service Center

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

DATE 7/27/2008  
A/C TSN 502  
HOBBS 502

### AD Entries

(2) Researched Airworthiness Directives through current bi-weekly 2008-15 All applicable AD's are in compliance at this time

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: 7/27/2008

SIGNED:



Erick Sjodin  
Certified Repair Station No YD5R855Y

Work Order: 11665-07-2008

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MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11798-08-2008



## Cirrus Design Factory Service Center

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

DATE 8/18/2008  
A/C TSN 524 9  
HOBBS 524 9

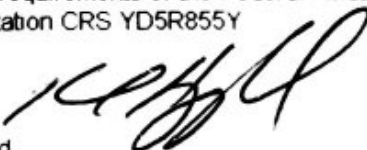
### AD Entries

(2) Researched AD's thru current Bi-Weekly 2008-17 AD 2008-14-13, Cabin Door Rod Ends and Hinge, has been P/C/W by CDC SB 2X-52-07R4 on 4-22-08 All AD's are in compliance at this time

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

DATE: 8/18/2008

SIGNED:



Karl Hagglund  
Certified Repair Station No YD5R855Y

Work Order: 11798-08-2008

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**\* NOTE SEE PG 52 FOR SB COMPLIANCE RECD DATED 10/8/2009**

MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.

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

**TESTED TO** 25,000 **FEET ON** 05/10/07

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

Model: GTX-327 S/N 83728224

**Encoder:** Model ACK P/N A-30 S/N 105977

**Altimeter:** Mfg Avidyne

(PFD) 15222-006 S/N 20075087

Mfg United P/N 12731-003 S/N 460719

CDC Quality Assurance  on 05/10/07

Cirrus Design Corporation Duluth, MN USA

**PC# 338CE**



MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
12354-12-2008

## Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3438

DATE 12/5/2008  
A/C TSN 616 5  
HOBBS 616 5

### AD Entries

(3) Researched AD's thru current Bi-Weekly 2008-24 All AD's are in compliance at this time

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: 12/5/2008

SIGNED:

Curt Kracke  
Certified Repair Station No YD5R855Y

Work Order: 12354-12-2008

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

**Tested To 25,000 Feet**      **Date: 5/15/09**

**Transponder:** Mfg: Garmin    P/N: 13587-050 S/N: 83728224

**Encoder:** Model: ACK P/N: A-30 SN: 105977

**Altimeter:** Mfg: Avidyne PFD P/N: 15222-008 S/N: 20051247

Mfg: United      P/N: 12731-003 S/N: 460719

Signed  Date: 5/15/09

Cirrus Design Factory Service Center Corporation Duluth, MN USA

Work Order Number: 12772-05-2009

CRS # YD5R855Y



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9087-05-2007



### Cirrus Design Factory Service Center

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

### Airframe Entries

(1) Adjusted fuel flow in one turn and did ground run with the following results, MAP 30.2 F F. 36.4 GPH with tornado alley maint instructions Flight test good

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is a details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 5/31/2007

SIGNED:

Mitch Knase

Certified Repair Station No YD5R855Y

# 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 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9194-06-2007



### Cirrus Design Factory Service Center

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

DATE 6/22/2007  
A/C TSN 325  
HOBBS 325

### Airframe Entries

(1) Installed the Avidyne TAS 620 System. The Processor P/N 70-2420-7 TAS 620 S/N 060109, was installed in the mounting tray assembly, located at the pilot floor Arm 140.0 inches. The Transponder Coupler, P/N 70-2040 S/N 051268, was installed in the center console just aft of the aircraft encoder, Arm 122.5 inches. One L-band antenna P/N S72-1750-31L S/N 3086 was installed on the exterior upper surface of the fuselage, Arm 157.0 inches. One L-band antenna P/N S72-1750-32L S/N 3107 was installed on the exterior lower surface of the fuselage, Arm 132.0 inches. Fabricated/installed wire harness per Avidyne/Ryan Dwg 1029-09 Rev 6 in the center console Arm 115.0 inches. An Avidyne TAS Pilots Handbook, P/N 32-2352 Revision 5, dated October 2005, was placed in the aircraft. Installed in the aircraft a copy of the FAA Approved Instruction for Continued Airworthiness, Ryan International Corporation Doc No ICAW010807C. All work was performed IAW Avidyne Traffic Advisory Systems TAS 600 TAS610 TAS 620 and Avidyne/Ryan 9900BX Installation Manual P/N 32-2351 Revision 04 Dated October 3, 2005, Ryan International Corporation 9900BX Traffic Advisory System Installation Guidelines for Cirrus SR20/22 Aircraft Revision E Dated 12 July 2004, Ryan International Corporation Master Data List Doc No DC1029-01 Revision 12 Dated July 29, 2004, Cirrus TCAD Antenna Installation Dwg 17816 Rev C, Cirrus Ryan TCAD Processor Installation Dwg 17817 Rev C, STC # SA02013CH Dated August 2, 2004, and AC 43-13-1B paragraph 11 and 12. The aircraft equipment list was revised to reflect these changes. weight and balance data was revised and placed in the aircraft POH. Pitot/Static leak check performed and checked satisfactory. Avionics systems operational check satisfactory. Avidyne TAS 620 functional check satisfactory. (2) Removed Garmin GMA340 Audio Panel P/N 12717-050 S/N 96280912 and installed PS Engineering Audio Panel PMA8000B P/N 050-890-0202 S/N B01099 IAW CDC AMM 23-50 and PMA 8000B System Installation and Operation Manual Doc P/N 200-890-0100 Rev 5 Dated July 2006. Functional check satisfactory. (5) Removed and replaced the MFD Flash card IAW Avidyne SB 601-00004-030 MFD functional checks satisfactory. (7) Performed Pitot/Static leak check IAW CDC AMM 34-10. Checked satisfactory. (8) Performed airbag seat belt test IAW SR22 AMM 25-10. Checked satisfactory. (9) Flight test satisfactory for functional check of the Avidyne TAS 620 skywatch system and the PS Engineering audio panel.

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: 6/22/2007

SIGNED:

Joseph Sullivan  
Certified Repair Station No YD5R855Y

Work Order: 9194-06-2007

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG. NO: 550PK  
WORK ORDER:  
9270-06-2007



## Cirrus Design Factory Service Center

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

DATE: 6/25/2007  
A/C TSN: 34.5  
HOBBS: 34.5

### Airframe Entries

(1) Removed the PS Engineering audio panel PMA 8000 P/N 050-890-0100 S/N B01099 and installed a PS Engineering audio panel PMA 8000B P/N 050-890-0202 S/N S02980IAW SR22 AMM 23-50 and PMA 8000B System Installation and Operation Manual Doc. P/N 200-890-0100 Rev. 5 Dated July 2006. Functional check satisfactory.

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: 6/25/2007

SIGNED:

Work Order: 9270-06-2007

Taavi Korpi  
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)



MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9629-08-2007



## Cirrus Design Factory Serv

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

### Airframe Entries

(1) FLT TIME 84.4 Hrs Changed engine oil and filter p/n 50857-001, serviced engine particulate inspection on drain plug & old filter, no discrepancies noted. Retained oil sample checks with satisfactory results. All work was accomplished IAW Cirrus SR22 A.M.M. with new P/N 15963-201 IAW AMM chapter 34-40. Functional check satisfactory. (4) Cooling Fan System, IAW the following Loon Star Drawings LS03-0402, and LS01-1495 FAA Form 337 Dated 14 August 2007. Performed ground operational, function tests. For these changes. (6) Removed alt 1 FCM P/N 14605-001 and installed P/N 14605-002 checklist RSM Form 21.F1. (9) Removed and replaced LH and RH turbo support rod replaced RH wastegate support clamp P/N ETI-G2-600-109. Work accomplished IAW transponder antenna cable IAW Standard maintenance practices and Avidyne/Ryan 993, 2005. Functional check satisfactory. (11) Flight Test performed by CDC Test Pilot.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft was repaired/inspected in accordance with current requirements of the Federal Aviation details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 8/15/2007

SIGNED:

Joseph Sullivan  
Certified Repair Station No YD5R855Y

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9774-08-2007



## Cirrus Design Factory Service Center

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

DATE 8/30/2007  
A/C TSN 137 9  
HOBBS 137 9

### Airframe Entries

(2) Removed Ryan TAS 620 Processor P/N 70-2420 S/N 060108 and installed Ryan TAS 620 Processor P/N 70-2420 S/N 060105 IAW Avidyne/ Ryan 9900BX Installation Manual P/N 32-2351 Rev 04 Dated October 3, 2005 Functional check of the Ryan TAS system satisfactory.

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

DATE: 8/30/2007

SIGNED:

Taavi Korpela  
Certified Repair Station No YD5R855Y

Work Order: 9774-08-2007

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9811-09-2007



## Cirrus Design Factory Service Center

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

DATE 9/7/2007  
A/C TSN 147 9  
HOBBS 147 9

### Airframe Entries

(1) Accomplished Incoming Aircraft Inspection Checklist IAW RSM Form 21 F1. Airworthiness Directives Current thru Bi-Weekly 2007-18. Service Bulletins Current thru 06 SEP 2007. (2) Replaced upper antenna p/n S72-1750-31L, s/n off 3086, s/r on 3110. Replaced lower antenna p/n S72-1750-32L, s/n off 3107, s/n on 3131. Replaced Ryan processor p/n 70-2420-7TA620, s/n off 060105, s/n on 060108. All work done IAW Avidyne/Ryan 9900BX Installation Manual 32-2351 OPS check on GRD OK. (5) Installed EMI suppressor, PN 51161-001, on cabin hot air valve coupler wiring as per CDC Drawing No. 17404-003.

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: 9/7/2007

SIGNED:

Steven LaMourea  
Certified Repair Station No YD5R855Y

Work Order: 9811-09-2007

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 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9865-09-2007



### Cirrus Design Factory Service Center

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

DATE 9/17/2007  
A/C TSN 147 9  
HOBBS 147 9

### Airframe Entries

(2) Removed Ryan TAS 620 Processor P/N 70-2420 S/N 060108 and installed Ryan TAS 620 Processor P/N 70-2420 S/N 060105 IAW Amdyne/ Ryan 9900BX Installation Manual P/N 32-2351 Rev 04 Dated October 3, 2005 Functional check of the Ryan TAS system satisfactory

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: 9/17/2007

SIGNED:

Peterson, Daniel J  
Certified Repair Station No YD5R855Y

Work Order: 9865-09-2007

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9888-09-2007



### Cirrus Design Factory Service Center

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

DATE 9/19/2007  
A/C TSN 156 7  
HOBBS 156 7

### Airframe Entries

(2) Installed a TANIS Engine Preheat System Model No TAS100-12CS, S/N 40879 IAW Tanis Installation Instructions Drawing No 104 and Standard Maintenance Practices Aircraft Weight and Balance has been Revised for this installation Ops Check Good... (3) Replaced Support-Clamp, (Safety-Band), P/N ETI-G2-600-109 for R/H Tail-Pipe IAW ETI Instructions for Continued Airworthiness, Report No. ETI Report 215-10

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: 9/19/2007

SIGNED:

Karl Hagglund  
Certified Repair Station No. YD5R855Y

Work Order: 9888-09-2007

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 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
9981-10-2007



### Cirrus Design Factory Service Center

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

DATE 10/10/2007  
A/C TSN 156.7  
HOBBS 175.2

### Airframe Entries

(2) Complied with Cirrus Service Bulletin 2X-21-02R1 by installing kit # 70194-001 Fresh air insulating duct. All work completed IAW CDC SB 2X-21-02R1. (3) Removed TAS antenna P/N S72-1750-32L S/N 3131 from original antenna location. Installed antenna P/N S72-1750-32L S/N 4951 in new antenna location at FS 159. Installed antenna IAW Avidyne Traffic Advisory Systems TAS 600 TAS610 TAS 620 and Avidyne/Ryan 9900BX Installation Manual P/N 32-2351 Revision 04 Dated October 3, 2005, Ryan International Corporation 9900BX Traffic Advisory System Installation Guidelines for Cirrus SR20/22 Aircraft Revision E Dated 12 July 2004, AC 43 13-1B, and FAA form 337 dated 10 Oct 2007. Weight and balance has been updated for the movement of the antenna. (8) Added additional antenna grounds to both the top and bottom Ryan TAS 620 Antennas all terminate at the aft ground buss. All work completed IAW standard maintenance practices and AC 43-13. (11) Performed repair on lower LH fuselage skin for TAS antenna removal IAW repair deviation R 8817 and SR-22 AMM 51. (13) Replaced both ends on the J1 antenna cable IAW standard maintenance practices and Avidyne Traffic Advisory Systems TAS 600 TAS610 TAS 620 and Avidyne/Ryan 9900BX Installation Manual P/N 32-2351 Revision 04 Dated October 3, 2005, Ryan International Corporation 9900BX Traffic Advisory System Installation Guidelines for Cirrus SR20/22 Aircraft Revision E Dated 12 July 2004, and AC 43 13-1B.

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: 10/10/2007

SIGNED:

Peterson, Daniel J  
Certified Repair Station No YD5R855Y

Work Order: 9981-10-2007

Printed by EBis 3 (datcomedia.com)

# MAINTENANCE RECORD

C A D 120

DATE  
COMPLE

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10103-10-2007



## Cirrus Design Factory Service Center

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

DATE 10/23/2007  
A/C TSN 182  
HOBBS 182

ATE NO.  
ED TO SERVICE

### Airframe Entries

(1) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2007-21. All AD's and MSB's are in compliance at this time. (2) Removed Magnetometer/OAT probe P/N 15222-102, S/N 26631 and replaced with servicable Magnetometer/OAT probe P/N 15222-102S, S/N 26066. Reference FAA form 8130-3 dated 1/17/2007 for airworthiness approval. Work and setup done IAW CDC AMM 34-20. Operational 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: 10/23/2007

SIGNED:

Steven LaMourea  
Certified Repair Station No YD5R855Y

Work Order: 10103-10-2007

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10303-11-2007



## Cirrus Design Factory Service Center

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

DATE 11/27/2007  
A/C TSN 227 2  
HOBBS 227 2

### Airframe Entries

(3) Removed and replaced R/H lower door latch P/N 21889-001 IAW MM 52-10

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: 11/27/2007

SIGNED:

Work Order: 10303-11-2007

Printed by EBis 3 (datcomedia.com)



DATE OF  
COMPLETION

IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10567-01-2008

**Cirrus Design Factory Service Center**

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

DATE 1/8/2008  
A/C TSN 281'6  
HOBBS 281 6

**Airframe Entries**

(3) Removed Avdyne MFD, (P/N 14750-012, S/N 20035147) and Replaced with serviced MFD (P/N 14750-012S, S/N 20017326) IAW CDC SR22 MM 31-60 Ops check good Updates installed

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: 1/8/2008

SIGNED:

Karl Hagglund  
Certified Repair Station No YD5R855Y

Work Order: 10567-01-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10573-01-2008

**Cirrus Design Factory Service Center**

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

DATE 1/21/2008  
A/C TSN 282.4  
HOBBS 282.4

**Airframe Entries**

(21) Performed line sweep number 0801141300 and found that this aircraft has a Cyclone 600 avionics cooling fan installed in a different location that cannot chaffe against the W608 wire bundle. No further action needs to be taken. (22) Installed SB 2X-34-24 WAAS upgrade IAW service bulletin instructions. (23) Removed GNS-430's p/n 12718-001 s/n's 97137556, GPS1 and s/n 97139323, GPS2. Installed WAAS capable GNS-430's p/n 12718-072, S/N 23404701, GPS1 and, S/N 23404557, GPS2. Set up completed. Removed (2) PN 12744-001 GPS Antennas, SN 59429899 & SN 59429854. Removed XM Antenna PN 16127-002, SN 167346. Installed WAAS GPS/XM Antenna PN 12744-005, SN 216596. Installed WAAS GPS Antenna PN 12744-004, SN 225668. All work IAW SB 2X-34-24 instructions dated 23 OCT 2007. (24) Performed composite repair for FWD GPS antenna installation on upper fuselage BL0 IAW SB 2X-34-24 and SR-22 AMM 51. (25) Removed PFD, PN 15222-007, SN 20075087. Installed rebuilt PFD, PN 15222-008, SN 20040127. Performed setup and magnetic calibration IAW SR22 AMM 31-60.

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: 1/21/2008

SIGNED:

Peterson, Daniel J  
Certified Repair Station No YD5R855Y

Work Order: 10573-01-2008

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 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10651-01-2008



### Cirrus Design Factory Service Center

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

DATE 1/23/2008  
A/C TSN 284 2  
HOBBS 284 2

### Airframe Entries

(3) Removed and Replaced LH and RH Waste Gate Dump Flange (P/N ETI-SR22-109-1), with new, IAW ETI Installation Instructions Report 22-6460001

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: 1/23/2008

SIGNED:

Karl Hagglund  
Certified Repair Station No YD5R855Y

Work Order: 10651-01-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10752-02-2008



### Cirrus Design Factory Service Center

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

DATE 2/22/2008  
A/C TSN 293 1  
HOBBS 293 1

### Airframe Entries

(3) Performed inspection of pitot and static systems, purged pitot and static systems, and found no evidence of debris in either system. Pitot/Static leak check satisfactory IAW SR22 AMM 34-10. Airspeed indicates correct speed according to corresponding pressure inputs up to 200 knots. (5) Buffed and polished all windows IAW CDC SR22 AMM 12-20. (6) Removed and replaced prop spinner P/N 13978-001 IAW CDC AMM 61-10 and standard maintenance practices. (7) Removed PFD (P/N 15222-008S) (S/N 20040127) and Replaced with new PFD (P/N 15222-008) (S/N 20009297) IAW SR22 AMM 31-60. Leak check and functional check satisfactory. (8) Magnetometer calibration was performed IAW SR22 AMM 34-20. (10) Inspected and cleaned all flight controls as needed, replace elevator trim CRTRG P/N 15650-002, system checks ok IAW CDC MM 27-30. Lubricated all flight controls IAW CDC AMM 27-30. (19) Replaced both LH & RH gap seals ew P/N (14390-002) IAW CDC AMM 20-30, 57-50 and standard maintenance 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: 2/22/2008

SIGNED:

Curt Kracker  
Certified Repair Station No YD5R855Y

Work Order: 10752-02-2008

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 & CERTIFICATION WORK PERFORMED/RETURNE
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GRAND FORKS INTERNATIONAL AIRPORT  
2467 AIR CARGO DRIVE • GRAND FORKS, ND 58203

### Air Frame Logbook Insert

Date: 2/26/2008; Aircraft: 550PK; Type: CIRRUS DESIGN; S/N: 2525; Hobbs: 297.50; Tach: 271.10; Total Time: 271.10; Engine - Type: , S/N:, Time: 271.10; Prop - Type: , S/N:, Time: 271.10; Work Done At - Airframe Time: 271.10,, Engine Time: 271.10,  
Removed cowl, inspected heat ducting for proper installation and routing, no defects noted, pressurized system to check for leaks, none noted, installed cowl.

Bob Martin  
A&P471824633

# 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 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
10850-03-2008

### Cirrus Design Factory Service Center

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

DATE 3/2/2008  
A/C TSN 293 1  
HOBBS 293 1

### Airframe Entries

(3) Removed and replaced vent/blower assembly P/N 20970-003 IAW CDC SR22 AMM chapter 21-20. Cleaned and inspected HVAC ducting IAW standard maintenance practices. Operational check satisfactory.

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: 3/2/2008

SIGNED:

Curt Kracke  
Certified Repair Station No. YD5R855Y

Work Order: 10850-03-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11052-04-2008



### Cirrus Design Factory Service Center

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

DATE 4/22/2008  
A/C TSN 334 5  
HOBBS 334 5

### Airframe Entries

(4) Removed and Replaced #2 EGT probe (P/N 16579-002) IAW CDC SR22 AMM 77-20. (9) Performed composite repair on RH A-Pillar bonding flange IAW CDC Repair Deviation/Alteration for Field Repair No. R9161 dated April 21, 2008 and CDC AMM 51-20 & 51-30. (11) Removed DAU P/N 16692-002 S/N off 1156 installed P/N 16692-002S S/N on 488 IAW CDC MM 77-30. (12) Removed and replaced MAP controller P/N 470688-5 (S/N Off KFN00277, S/N On LBN00743). Adjusted engine operating parameters IAW TAT Report 215-10, ETI Installation Instructions Report No. 22-6460001 CDC AMM 61-20 and TCM IO-550 Overhaul Manual. All function and ops checks good. (13) Removed Magnetometer P/N 15222-102 S/N 26066 and installed Magnetometer P/N 15222-102 S/N 98131417 IAW SR22 AMM 34-20. Functional check satisfactory. (16) Performed magnetometer calibration IAW CDC SR22 AMM chapter 34-20. (18) Removed and replaced LH MLG Wheel and tire ASSY tire P/N 14075-006 tube P/N 14076-002 Wheel Assy P/N 17122-101 IAW CDC AMM 32-10.

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: 4/22/2008

SIGNED:

Steven LaMourea  
Certified Repair Station No. YD5R855Y

Work Order: 11052-04-2008

Printed by EBis 3 (datcomedia.com)



MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11246-05-2008

## Cirrus Design Factory Service Center

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

DATE 5/20/2008  
A/C TSN 377 9  
HOBBS 377 9

**CERTIFICATE NO.**  
**RETURNED TO SERVICE**

### Airframe Entries

(3) Removed XM Weather/Radio Receiver (P/N 16665-003, S/N 816001264, Rec ID#24) and Replaced with new XM Weather/Radio Receiver (P/N 16665-004, S/N 816001836, Rec ID#17, Audio ID#WBRAT0MY, Weather ID# 8XAUR08A) IAW CDC SR22 AMM 34-50 Ops check satisfactory at this time

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: 5/20/2008

SIGNED: 

Steven LaMourea  
Certified Repair Station No YD5R855Y

Work Order: 11246-05-2008

Printed by EBis 3 (datamedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11317-06-2008

## Cirrus Design Factory Service Center

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

DATE 6/13/2008  
A/C TSN 388 6  
HOBBS 388 6

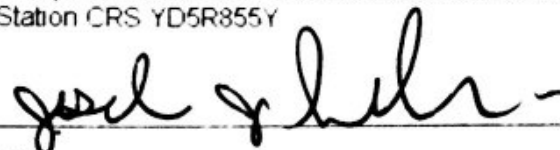
### Airframe Entries

(4) Performed aircraft annual inspection IAW cirrus mm chapter 5-20 and 5-30 (7) Researched ADs through bi-weekly issue 2008-13, all ADs are in compliance at this time (21) Serviced aircraft primary battery IAW cirrus mm chapter 24-30 (22) Lubricated flap actuation motor IAW cirrus mm chapter 12-20 (23) Complied with FAR 91 207d inspection and operational check of ACK ELT model ME406, S/N 01318, found serviceable, due each 1 year, battery replacement due AUG 2011 (24) Complied with Precise Flight built in oxygen system airworthiness checklist IAW STC SA01708SE instructions (28) Replaced landing light lens P/N 17298-001 IAW CDC AMM 71-10 and 33-40 (29) Replaced Brake Caliper O-Rings P/N 101-34500, IAW CDC AMM 32-42 (30) Bled Brake System IAW CDC AMM 32-42 (32) Serviced O2 system to 2000 PSI IAW Precise Flight Servicing Instructions (37) Installed new nut clip P/N 13641-001 on the right upper MLG fairing IAW CDC SR22 AMM 32-10 and standard maint practices (38) Rigged rudder travels IAW A M M chapter 27-20 OPS check good (39) Replaced VOR/LOC antenna grommets P/N MS25489-135 IAW CDC SR22 AMM 34-50 (40) Installed aluminum tape over top inspection hole on vertical stabilizer IAW standard maint practices (41) Removed gascolator bowl, cleaned and reinstalled with new filter element and o-ring, kit P/N 1742243-05, IAW CDC AMM 28-20 Leak checked good (42) Repaired Aft Wheel Cutout Area Of NLG Fairing With A 4 Ply Non-Structural Repair IAW CDC AMM 51-10 And 51-30 (43) Repaired Inbd Portion Of Rt MLG Fairing, With A 4 Ply Non Structural Repair, IAW CDC AMM 51-10 And 51-30 (44) Bonded upper anti-chafe spacer on left MLG strut IAW CDC SR22 AMM 32-10 and standard maint practices (45) Replaced 2 Oxygen bottle clamps ( P/N 102N0120-1) IAW Precise Flight STC SA01708SE instructions (46) Fabricated and installed reinforcement gusset for L/H engine intercooler baffle IAW standard maintenance practices (47) Replaced starter contactor boot P/N MS25171-4S Done IAW CDC AMM 80-10 and standard maintenance practices (48) Replaced scat tube P/N DXX050684 for right tailpipe heat jacket IAW standard maintenance practices (49) Resecured heat shield for on header between cylinders 1-3 Done IAW TAT Report 22-6460001 (51) Verified torque on Engine Weldment and lower mount attach fittings IAW CDC AMM 20-60 (52) Repositioned crankcase breather tube to prevent chafing IAW standard maintenance practices (53) Complied with Precise flight mandatory service letter for switch guard installation and cable inspection Done by installing guard (P/N 100N2125-1) All work accomplished IAW document # 102NMAN0005 (54) Saffed b-nuts and unions firewall forward for prop TKS ice protection Done IAW CDC AMM 20-50 (57) I certify that this aircraft has been inspected IAW a 100hr/ Annual inspection and was determined to be in an airworthy condition

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

DATE: 6/13/2008

SIGNED:



Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 11317-06-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11481-06-2008



### Cirrus Design Factory Service Center

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

DATE 6/30/2008  
A/C TSN 433.9  
HOBBS 433.9

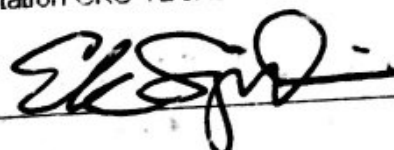
### Airframe Entries

(3) Adjusted L/H door actuation linkage IAW CDC SR22 AMM chapter 52-10. Operational check satisfactory.

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: 6/30/2008

SIGNED:



Erick Sjodin  
Repair Station No. YD5R855Y

Work Order: 11481-06-2008

Printed by EBis 3 (datcomedia.com)

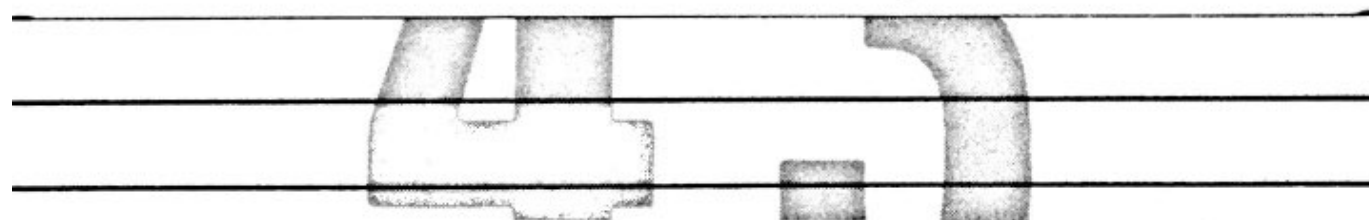


Production Flight Test accomplished in accordance with  
Cirrus Procedure #90502

Name: Frank Mathews Date 22 May

Signature: Frank Mathews

Title: Production Flight Test Pilot



- I find that the aircraft meets the requirements for the  
- certification requested and have issued an U.S. Standard  
\_ Airworthiness Certificate dated MAY 24 2007.  
\_ The next inspection is due may / 31 / 2007.

- Troy J McDonald

\_ Troy J. McDonald  
\_ ODARF-405228-CE

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11783-08-2008



### Cirrus Design Factory Service Center

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

DATE 8/15/2008  
A/C TSN 502  
HOBBS 502

5148

#### Airframe Entries

(3) Removed and Replaced starter adaptor assy, PN 642083-1A2, IAW TAT Installation Instructions and TCM Overhaul Manual. Operational and leak check performed with no discrepancies noted.

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

DATE: 8/15/2008

SIGNED:

Darrel Zimmer

Certified Repair Station No. YD5R855Y

Work Order: 11783-08-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11798-08-2008



### Cirrus Design Factory Service Center

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

DATE 8/18/2008  
A/C TSN 524 9  
HOBBS 524 9

#### Airframe Entries

(3) Removed and Replaced TIT Probe Assy (P/N ETI-G2-711-1) IAW ETI Installation Instructions Report 22-6460001. Ops check satisfactory at this time.

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

DATE: 8/18/2008

SIGNED:

Karl Hagglund

Certified Repair Station No. YD5R855Y

Work Order: 11798-08-2008

Printed by EBis 3 (datcomedia.com)

DATE

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
11971-09-2008



## Cirrus Design Factory Service Center

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

DATE 9/17/2008  
A/C TSN 568 1  
HOBBS 568 1

### AD Entries

(2) (FLT TIME 541.7 Hrs.) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2008-19. All AD's and MSB's are in compliance at this time

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: 9/17/2008

SIGNED:

Steven LaMour  
Certified Repair Station No. YD5R855Y

Work Order: 11971-09-2008

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
12580-02-2009



## Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3438

DATE 3/2/2009  
A/C TSN 640 1  
HOBBS 640 1

### AD Entries

(3) (FLT TIME 613.7 Hrs.) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2009-04.

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: 3/2/2009

SIGNED:

Aaron Holmgren  
Certified Repair Station No. YD5R855Y

Work Order: 12580-02-2009

Printed by EBis 3 (datcomedia.com)

MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
12772-05-2009



# INSPECTION RECORD

## Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3438

### Airframe Entries

(2) I adjusted the encoder, and certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 are found within the limits of FAR 43 appendices E & F and AC 43-6A. (5) Replaced O2 distribution manifold/dome light assy P/N 102N0230-1 IAW Precise Flight Inc. drawing IAW CDC SR22 AWM 77-00-01 and AMM 77-40, operational check of CHT indications are good. (7) Removed and Replaced J1429 connector assy for #4 CHT indication with new connector IAW CDC AMM chapter 28-40 OPS check good. (12) Disconnected engine and all attached equipment from engine mount. Hoisted the calibration IAW CDC AMM chapter 28-40 OPS check good. (12) Disconnected engine and all attached equipment from engine mount. Hoisted the engine just enough to clear the engine mount and removed the mount from the aircraft. Removed paint from repair area to facilitate welding. Selected a length of steel tube sleeve having an inside diameter approximately equal to the outside diameter of the damaged tube and of the same material 4130 P/N 50094-083U P/N 94791 RR# 366086, and a wall thickness of .083. Diagonally cut the sleeve reinforcement at a 30-degree angle on both ends so that the minimum distance of the sleeve from the edge of the chafe damage was 1-1/2 times the diameter of the sleeve. Cut through the entire length of the reinforcement sleeve, and separated the half-sections of the sleeve. Cleaned and prepped reinforcement sleeve and repair area. Positioned, clamped, and welded the reinforcement sleeve along the length of the two sides, and welded both ends of the sleeve to the damaged tube. Added four rosette welds. Inspected welds for repair sleeve, welds check good. Stress relieved repair locally as per Cirrus Design Corp Drawing # 16546-001 Rev C. Pressurized tube through screw hole, applied solution of soapy water to repair, inspected for air leaks. Leak check of repair good. Applied LPS Hard coat P/N 50869-001 as per Cirrus Design Corp Drawing # 16546-001 Rev C. Reference FAA Form 337 Dated 05-19-2009. Reinstalled repaired engine mount to aircraft IAW Cirrus SR22 Design Corp Drawing # 16546-001 Rev C. (14) Replaced all exhaust header gaskets and AMM chapter 71-20. (13) Replaced left wastegate support bracket bolt IAW ETI Report 22-6460001. (15) Replaced left main tire & tube and repacked bearings IAW SR22 AMM 32-41 exhaust nuts on left and right header assemblies IAW AMM 78-10. (19) Replaced right exhaust heat exchanger, PN DXX050564, IAW TAT ICA 215-10 and (17) Retorqued left and right exhaust headers after engine run up IAW AMM ch. 78-10. (21) Removed and replaced R/H white nav light bulb p/n 50911-001 with new IAW AMM ch. 33-40, operational check IAW SR22 AMM 78-20. (20) Replaced SKEET tube from left intercooler to left exhaust heat exchanger, PN DXX050564, IAW TAT ICA 215-10 and (22) Removed MAP controller P/N 470688-0005, S/N LBN00743. Installed MAP controller P/N 470688-0005, S/N LBN00743. Removed master wastegate P/N 470842-0004 accomplished IAW TAT Report 22-6460001 and ETI MPC ASSY DWG 22-5650001. Operational leak check performed satisfactory. (23) Removed MAP controller P/N 470688-0005, S/N LBN00743. Installed MAP controller P/N 470688-0005, S/N LBN00743. Removed master wastegate P/N 470842-0004 accomplished IAW TAT Report 22-6460001 and ETI MPC ASSY DWG 22-5650001. Operational leak check performed satisfactory. (24) Performed wastegate linkage retrofit to cable style P/N 22-5650008 IAW TAT Report 22-6460001.

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: 6/4/2009

SIGNED:   
Mitch Knase  
Certified Repair Station No YD5R855Y

Work Order: 12772-05-2009  
Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22 G3  
S/N: 2525  
REG. NO: N550PK  
WORK ORDER:  
3053-05-2009

## **Twin Cities Aviation, Inc.**

8891 Airport Rd #A-2  
Blaine, Minnesota 55449 USA  
Phone: 763-784-9165

DATE: 5/13/2009

A/C TSN:  
HOBBS: 667.1

### **Airframe Entries**

Replaced volume knob on Audio panel with new supplied from Avidyne.—Fabricated bracket for MLB antenna under glareshield. New bracket raises antenna approx 6 inches to just below glare shield and above glove box. Test satisfactory on ground.—Checked operation of TWX 670 lightning sensor. System operational checks satisfactory with external electrical source. Tested during flight and picked up several strikes near weather compared to datalink info.—Weather working correctly and signal strength good. Replaced batteries in remote. Attempted several times to pair remote to unit while outside. No info displayed. Attempted different unit installation with no change, Removed remote antenna cable from system, no change. Contacted Avidyne, subscription updated for radio and weather. Left aircraft outside to power source to update. After several hours unit would pair and function. Operational check satisfactory on ground.—Test flew aircraft for in flight checks of weather, radio, and lightning. All systems check satisfactory on test flight. Several Mx squawks noted and passed on to owner.—Installed fabricated wire harness from MLX unit com 2 port up to pilot kick panel. Installed two DB9 connectors and wired com 2 to one connector. Fabricated wire harness and installed into second SB9 connector for future GPS signal. Wire ends at MFD connector and is tied back and labeled. Removed MLX/MLB switch behind MFD and spliced in three sections of wire to pilot's kickpanel. Reinstalled switch remotely under pilot kickpanel. Reinstalled all interior panels, trim, and seats. All systems check satisfactory.

**THIS AIRCRAFT HAS ONE RS232 GPS OUTPUT FROM GPS TO TRANSPONDER. REST ARE 429 BUSS SIGNALS. RADIO RACK REMOVAL IS REQUIRED FOR GPS SIGNAL COMPLETION.**

MLX com 2 to DB9 connector

- txd to pin 2
- rts to pin 3
- sg to pin 5

Gps DB9 connector to capped ends (GPS input)

- pin 2 is blue striped wire
- pin 5 is white wire



DATE

MAKE: Cirrus  
MODEL: SR-22 G3  
S/N: 2525  
REG. NO: N550PK  
WORK ORDER:  
3061-05-2009

### Twin Cities Aviation, Inc.

8891 Airport Rd #A-2  
Blaine, Minnesota 55449 USA  
Phone: 763-784-9165

DATE: 5/13/2009  
A/C TSN:  
HOBBS: 667.1

### Airframe Entries

Replaced right brake pads with new 066-6200.

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

DATE: 5/13/2009

SIGNED:

Jeff Iskierka, A&P: 470046442

1 of 1

Work Order: 3061-05-2009

Printed by EBis 3 (datcomedia.com)



KIND OF INSPECTION: SECRET

**AIRCRAFT TIME  
IN SERVICE**



4535 Airport Approach Rd. Duluth, MN 55811  
(218) 727-2911  
Cirrus Authorized Service Center  
Cessna Authorized Service Facility

(FLT TIME: 725.7Hrs.)

Removed and replaced TKS filter with new P/N 26115-101

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

This aircraft, airframe, engine, propeller and/or appliance was repaired and/or inspected in accordance with current FAR's and manufacturer's instructions and was found to be airworthy for return to service.

Signature:

*Rick Hagberg* A&P 3268908 IA

MAKE Cirrus  
MODEL SR22 G3  
S/N 22-2525  
REG NO 550PK  
WORK ORDER  
13148-09-2009



## Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3438

DATE 10/8/2009  
A/C TSN 845 4  
FLIGHTTIME 819 1

### SB Entries

(23) Complied with SA09-07 TAT service bulletin SB09-01 inspection for exhaust manifold cracks around turbo mount flange, no discrepancies found, inspection due again at next oil change or 869.1 flight hrs. (24) Complied with SA09-08 TAT service instructions S108-01 Rev A, crankcase breather discharge tube, cleaned and inspected, inspection due again at next oil change or 869.1 flight hrs. (25) Complied with SB2X-32-19R1 (NLG Assy Insp and reinforcement) by insp of NLG upper gusset plate and FWD nose gear strut fillet weld IAW SB instructions. No evidence of cracking at this time, Re-inspection due again at both points 919.1 flt hours

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: 10/8/2009

SIGNED:

Charles Bernu  
Certified Repair Station No. YD5R855Y

Work Order: 13148-09-2009

Printed by EBis 3 (datcomedia.com)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG. NO: 550PK  
WORK ORDER:  
13148-09-2009



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3438

DATE: 10/8/2009  
A/C TSN: 845.4  
FLIGHTTIME: 819.1

### Airframe Entries

(3) Removed the TWX 670 Processor (P/N 700-00033-00 S/N 99060651), TWX 670 Antenna (P/N S72-1715-1 S/N 581-0360), and associated TWX 670 wiring and mounting hardware. Removed the MLX 770 Processor (P/N 700-00163-000 S/N M085234997), MLX 770 Antenna (P/N S67-1575-109 S/N 9253), and associated MLX 770 wiring and mounting hardware. Removed the MLB 700 Processor (P/N 700-00159-001 S/N M084018475), MLB 700 Antenna (P/N S67-1575-650 S/N 814-0469), MLB 700 Remote Control (P/N URC-10000BA1-R), and associated MLB 700 mounting hardware. All equipment was removed IAW the information and ICA provided by the FAA Form 337, dated 4/20/09 that was submitted for the installation of said equipment, as well as SR22 AMM and SR22 VM. Completed a new FAA Form 337, dated 10/07/09, for the Removal of said equipment. Weight and balance information to be captured under a separate discrepancy. Avionics Functional check satisfactory. (5) Installed WX500 Stormscope system by performing composite repair of antenna location and installing the WX500 Processor (P/N 12745-050 S/N 94366), WX500 antenna (P/N 12745-070 S/N 84026), and WX500 Wire Harness Assembly (P/N 70132-101). Work Performed IAW Cirrus Repair Deviation # R9869, Cirrus SB 2X-34-20, and SR22 AMM 34-40. WX500 Functional checks satisfactory. (6) Addressed all minor exterior cosmetic discrepancies IAW CDC AMM 11-20, 12-20, and 51-20. (21) Removed and replaced LH exhaust tail pipe P/N 22-6150024 and LH tailpipe V-band clamp P/N 11-1100023 IAW TAT Report 22-6460001. (26) Removed and replaced LH wastegate upper and lower support brackets P/N 22-6250006 and bolt P/N MS21250-05020 IAW TAT Report 22-6460001. (27) Installed XM Weather/Audio system by re-installing the XM Receiver P/N 16665-004 S/N 816001836 and XM Remote P/N 16665-502 (that were originally removed during the installation of the Avidyne/Ryan MLB700 system on 4/20/09). Maintenance performed IAW SR22 AMM 34-50. XM system functional check satisfactory. (XM Audio ID: WBRAT0MY, XM WX ID: 8XAUR08A). (28) Updated Weights, Balance, and Equipment list IAW SR22 AMM chapter 8 and section 6 of the POH for the removal of the TWX 670, MLX 770, and MLB 700 systems, and the installation of the Heads Up XM and WX500 Stormscope systems. New Weight and balance is dated 10/05/09. (30) Removed and replaced #2 cylinder EGT sensor P/N 16579-002 IAW CDC AMM 77-20.

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: 10/8/2009

SIGNED:

Charles Bernu  
Certified Repair Station No. YD5R855Y

Work Order: 13148-09-2009

Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-2525  
REG: NO: 550PK  
WORK ORDER:  
13163-10-2009



### Cirrus Design Factory Service Center

Repair Station No: YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone: 218-786-3438

DATE: 10/9/2009  
A/C TSN: 8468  
HOBBS: 8468

#### Airframe Entries

(4) (FLT TIME: 820.4) Removed and Replaced Tire and Tube on R/H MLG with 1 ea New P/N 14075-006 Goodyear Flight-Special 15X600X6 Tire and 1 ea New P/N 14076-001 Goodyear 600X6 Tube IAW CDC SR22 AMM 32-40 (5) Accomplished Cirrus Design Service Bulletin SB2X-32-16 Main Landing Gear Axle-Fitting Shim by performing Inspection/Repair and installing Kit P/N 70196-001 per Paragraph E thru H of this SB (7) Resealed the J517 Radio rack Connector "TAVS" and "Autopilot disconnect tone" are now audible Audio system functional checks satisfactory IAW SR22 AMM 23-50 (9) Removed MFD (P/N 14750-014S S/N 20017326) and installed Serviceable MFD from stock (P/N 14750-014S S/N 20075067) IAW SR22 AMM 31-60 Functional check satisfactory

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: 10/9/2009

SIGNED:

Joseph Sullivan  
Certified Repair Station No: YD5R855Y

Work Order: 13163-10-2009

Printed by EBS 3 (datcomedia.com)

N550PK

Cirrus SR22

S/N 2525

Flight Meter 877.6

11/24/09 TKS reported inoperative. Gained access to TKS pump and checked for flow at the test port, no flow. Started to remove TKS lines from the finger strainer back to the primer pump. Eventually heard a noise like air being pushed through on the outlet of the primer pump. Turned system back on and confirmed good flow to all deice panels.

Jeffrey T. Nuttall AP2694634IA  
Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7218

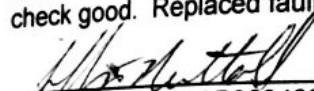
N550PK

Cirrus SR22

S/N 2525

Flight Meter 995.5

5/19/10 Flight meter operating with aircraft on the ground. Exercised flight meter pressure switch, operational check good. Replaced faulty TIT probe (Alcor 86245). Serviced brake reservoir with hydraulic fluid.

  
Jeffrey T. Nuttall AP2694634IA  
Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7349

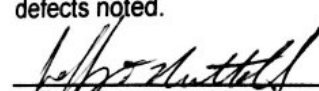
N550PK

Cirrus SR22

S/N 2525

Flight Meter 1031.3

6/22/2010 Complied with TAT SB10-02 (Tail Pipe Brackets), dated 1/20/10. Complied with TAT SI08-01 Rev. A (Breather Cleanout) dated 4/27/09. Complied with TAT SB09-01 (Exhaust Manifold Inspection), dated 4/10/09. No defects noted.

  
Jeffrey T. Nuttall AP2694634IA  
Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7370

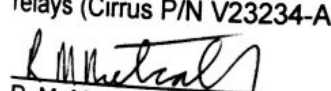
N550PK

Cirrus SR22

S/N 2525

Flight Meter 1055.0

7/6/2010 Inspected flap control system (flaps reported to not retract from mid-position). Replaced up and down flap relays (Cirrus P/N V23234-A0004-X051). System operational checked good.

  
R. M. Metcalf AP2122305IA  
Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7380

N550PK

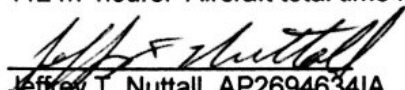
Cirrus SR22

S/N 2525

Flight Meter 1124.7

DA

9/1/10 Annual Inspection completed. Cleaned and greased wheel bearings. Serviced tires, battery and brake reservoirs. Re-tightened loose exhaust heat shields, no defects noted. Complied with Cirrus SB2X-32-19R2 (Nose gear assembly insp & Reinforcement) dated 2/25/10, by installing NLG repair kit (Cirrus P/N 70238-001). Rotated right main tire and static balanced wheel to extend tread life. Replaced left main tire (Goodyear Flight Special II 15X6.00-6) and static balanced wheel. Removed cracked RH turbo heat shield, had repair weld repaired, and re-installed. Removed worn clevis pin and worn safety pin in RH wastegate linkage and replaced with new. Adjusted slave wastegate spring to eliminate excessive play in linkage. Reattached loose aileron trim placard on co-pilot side. Checked A.D.s to date. No A.D.'s applicable at this time. Inspected the aircraft Emergency Locator Transmitter installation in accordance with AC43.13-1B, paragraph 12-22. This installation meets the requirements of FAR 91.207, paragraph (d). The ELT battery pack expires 8/2011. "I certify this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition". Propeller time since overhaul is 1124.7 hours. Aircraft total time is 1124.7 hours.

  
Jeffrey T. Nuttall AP2694634IA  
Aero Services, Inc.

133 Municipal Dr.

Nampa, ID 83687

W.O. # 7423



# 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 A
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MAKE: CIRRUS  
MODEL: SR22  
S/N: 2525  
REG. NO: N550PK  
WORK ORDER: 00000438

### TDL Aero Enterprises

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

DATE: 1/4/2011  
A/C TSN:  
TACH: 1223.5

### Airframe Entries

CLEANED AND FLUSHED TKS PANELS TESTED FUNCTION CHECKS OK AT THIS TIME

### Maintenance Release

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/4/2011

SIGNED

Chris Palage  
Certified Repair Station No. 7TLR012B

Work Order: 00000438

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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
	Wulfsberg Electronics Division Prescott, AZ 86301 USA CAGE Code 1B7G3	
	ME406 LITHIUM BATTERY PACK MnO2	
	PART NO: 452-6499 REV: A	
	TSO C126 W.O.# 36304-158	
	EXPIRATION DATE: MAR/2017 DO-227	
	ENV CAT D1XB(CB204)Z04JXRXXXXXZAZZ(204)H	
	MAKE: CIRRUS MODEL: SR22 S/N: 2525 REG. NO: N550PK WORK ORDER: 00000588	TDL Aero Enterprises  Repair Station No. 7TLR012B 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300
		DATE: 8/8/2011 A/C TSN: 1313.1 HOBS: 1354.6
	<b>Airframe Entries</b>	
	Removed and replaced #2 alternator field control module.... Removed and replaced ELT batteries, next expiration Mar 2017.... Removed, cleaned and reinstalled all spark plugs.	

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

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

Tested to 20k feet.      Time: 1714.0  
W/O# 7591      N 550PH  
Inspected by [Signature]      Date 8/17/11

MAKE: CIRRUS  
MODEL: SR22  
S/N: 2525  
REG. NO: N550PK  
WORK ORDER: 00000842

### TDL Aero Enterprises

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

DATE: 11/2/2011  
A/C TSN: 1090-1  
HOBBS: 10346

Flight 1334.7

### Airframe Entries

IAW A Annual Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated May 31, 2011. Complied with ELT inspection per 91.207(d), ELT operational check good, ELT battery expires Oct 2016. Complied with Cirrus/Precise Flight instructions for Continued Airworthiness Document 102NMAN0003 rev E, dated March 10, 2010. Complied with 100-500 hour scheduled servicing requirements. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.... Installed new main landing gear upper mushroom fairing R/H side.... Removed expired TKS filter, installed new filter next due 11-2013... Removed expired secondary batteries and installed new secondary batteries.... Complied with service bulletin TAT SB11-04. Removed, inspected, and cleaned turbocharger oil supply inlet screen.... Removed exhaust grounding strap on pilots side and replaced with new grounding strap.... Installed new screws to co-pilots side wing root fairing.... Removed 6 inches of disbonded adhesive tape on wing root fairing, cleaned surface area applied new adhesive tape to wing root fairing.... Removed torn Fwd and Aft bottom cowl closeout rubbers and replaced with new closeout rubbers.... Removed disbonded transfer tape on pilots side main landing gear spacers, cleaned surface area applied new transfer tape to pilots side main landing gear spacers.... Inspected brake line assembly, found loose fitting on co-pilots side main landing gear break line. Cleaned fitting and re-torqued fitting.... Installed new brake shim on co-pilots side brake caliper.... Removed ALT #1 baffle drilled out loose rivets, installed new rivets to ALT #1 baffle.... Pilots side exhaust heat shields Positioned clamps in proper place, tightened clamps into place.... Removed rocker covers and gaskets, cleaned surface areas installed new gaskets on cylinder #2... Removed ripped insulation and aluminum tape from fresh air inlet, installed new aluminum tape to fresh air inlet.... Place RTV on wear marks throughout the duct, fresh air inlet... TKS fluid found on under inspection cover, inspected pilots side rear belly compartment

1 of 2

for leak. Loose fitting was found and tightened.... Removed loose rivet from pilots side fwd silicone baffle rubber, repositioned rubber installed new rivet.... Replaced RH exhaust stack with new... Removed faded placard from co-pilots side door, cleaned surface area applied new placard to co-pilots side door.

### Maintenance Release

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/2/2011

SIGNED: 

Nose tire entry?

N550PK

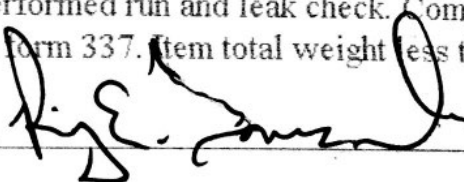
airframe

ACTT: 1426

8/26/12

Installed Airwolfe air/oil separator AFC0W360 IAW STC SA02268CH installation instructions. Mounting location is typical on left firewall using supplied bracket mounted to turbo wastegate controller base. Performed run and leak check. Completed instructions for continued airworthiness and FAA form 337. Item total weight less than 1 Lb. Results negligible weight per FAR 43.

Ricky E. Townsend AP488843646LA



Installed new 12739-001  
antenna. Checked X-pander operation  
defects noted.

unmanned 28488843646714



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

N550PK

Airframe

Feb. 1 2013

ACTT: 1483.9

Complied with Cirrus SR22 Scheduled Inspection Report 100 hr. Items and instructions for continued airworthiness. Replaced engine driven alternator with new ES10024 S/N H-M090307. 500 hour inspection due 1983 ACTT. Replaced left and right turbochargers with overhauled 466304-9003 S/N H-PDR00246 on left and S/N XC000027 on right. Next due 2483 ACTT. Recommended and 3483 ACTT not to exceed. Replaced magneto pressurization filter P/N 1396-2. Next due 1783 ACTT. Complied with FAR 91.207 by inspection and function test of ELT. Battery due 10/2016. Replaced 12983-001 aileron/rudder interconnect shock cord. Next due 2/2018. Performed firewall forward replacement of engine oil and fuel hoses including turbo hoses. Next due 2/2023. Hoses provided by PHT of Tulsa OK. Ref invoice 581517 dated 12/10/12. Performed 5 yr. brake hose replacement with new hoses from PHT of Tulsa OK. dated 12/10/12. Next due 2/2017. Bled brakes and serviced reservoir. Replaced left and right brake cylinder O-rings P/N M83461-1-222. Next due 2/2014. Replaced gasculator seals M25988-1-021 and MS29513-137. Replaced ignition harness with new C16-2BSII from skytronics. Serviced anti-ice system with TKS. All AD's complied with to date. I certify that this aircraft has been inspected LAW an Annual Inspection and is determined to be airworthy and is approved for return to service.

Ricky E. Townsend A&P488843646LA

*Ricky E. Townsend*

**INSP**

N550PK 3/22/13 airframe

Repaired minor damage to right wingtip  
assembly with new lenses, retainers and

Removed left exhaust and replaced #4  
cylinder CHT Sensor P/N 16578-001. Ins  
In left exhaust risers and installed. Ran air

Ricky E. Townsend A&P488843646LA

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

Ref: FAR 91.413  
ATC Transponder GTX 327 s/n 83723224  
was tested and inspected and complies with  
FAR Part 43, Appendix F.

Date July 15, 2013  
Signature [Signature]  
For Autopilots Central, Inc.  
Tulsa, Oklahoma FAA CRS CM2R747K

Work Order # MA13-04055

STATUS & DISCREPANCY LIST  
MOVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Complied with SR22 Scheduled inspection Report 100 hr and Instructions for Continued Airworthiness. Resealed co-pilots right brake master cylinder with 199-512 Cleveland seal kit. Installed new left and right linings p/n 066-06200. Installed new temp labels On left and right brake actuators 70227-002 kit. Serviced and bled brake system.

**Complied with the following time limit items:**

Complied with FAR 91.207 ELT inspection and functional test. Battery due 10/2016.

Complied with inflatable restraint ~~electronic control module~~ refurbish. P/N 508358-421 S/N RA14MAR14-41. FAA form 8130-3 on file under work order No.75646-1 at AMSAFE Inc., Pheonix AZ. RS No. PQ1967NM and maintained in aircraft permanent record. Next due 14 yr. Replacement 2/2021

Complied with #2 battery replacement P/N 50979-001 S/N 18615-001. Next due 4/16.

No AD's apply at this time. I certify that this aircraft has been inspected IAW an Annual Inspection and is determined to be airworthy and approved for return to service.

Ricky E. Townsend A&P488843646IA

N550PK Airframe

Hours: 1515.5

7/23/14

Removed G-243 Gill Battery S/N G02538824 and installed new Concorde RG24-15M S/N 40637251.

Ricky E. Townsend A&P488843646IA

Removed Primary Flight Display P/N 700-00006-000-Rev 38 S/N 20051247 and installed Modified Primary Flight Display S/N 20604116 and performed configuration and magnometer calibration. Installed new P/N 18603-001 anti-ice fluid strainer and serviced anti-ice reservoir with 2.5 Gal. TK8406B and leak checked. Requires recertification for IFR flight. Approved for VFR flight only.

Ricky E. Townsend A&P488843646LA

*Ricky E. Townsend*

N550PK airframe

10/24/14 Hours: 1518.1

Removed primary flight display S/N 20604116 due to display. Installed P/N 700-0006-000 S/N 20081246 and performed configuration and Magnometer Calibration LAW 3.6.2 Envision installation manual. VFR flight only.

Ricky E. Townsend A&P488843646LA

*Ricky E. Townsend*

### ATC TRANSPONDER COMPLIANCE

Aircraft Registration # N550PK

The ATC Transponder system ☒#1 ☐#2 was inspected and tested with approved test equipment and was found to comply with FAR 43, appendix F as required by FAR 91.413.

Tested by: Michael P. Blakely Date: 6-23-2015

Repairman # 3486824 WO# 13692R

R.L.S. Rental Company dba Mizzou Aviation  
5497 Dennis Weaver Drive, Joplin, MO 64801  
CRS# AKCR139C

Form MZ1040

### ALTIMETER, STATIC SYSTEM & ALTITUDE REPORTING COMPLIANCE

Aircraft Registration # N550PK

The static pressure system, altimeter, and automatic altitude reporting system were tested with approved test equipment and were found to comply with FAR 43, appendices E and F as required by FAR 91.411.

Tested by: Michael P. Blakely Date: 6-23-2015

Repairman # 3486824 WO# 13692R

R.L.S. Rental Company dba Mizzou Aviation  
5497 Dennis Weaver Drive, Joplin, MO 64801  
CRS# AKCR139C

Form MZ1040



Tested by: *Michael P. Blahut*

Date: *6-23-2015*

Repairman # *3486824*

WO# *13692R*

R.L.S. Rental Company dba Mizzou Aviation

5497 Dennis Weaver Drive, Joplin, MO 64801

CRS# AKCR139C



**N550PK**

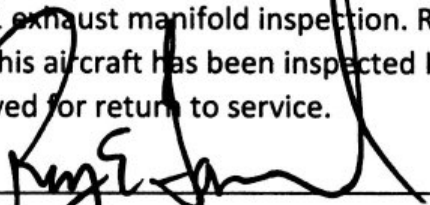
**airframe**

**9/1/17**

**Hobbs:1579.2 Flight: 1537.6**

Complied with SR22 Scheduled Inspection Report 100 hour items and applicable instructions for continued airworthiness. Complied with TAT scheduled maintenance checks 100 and 50 hour items. Complied with FAR91.207 by inspection and test of ELT. Replaced battery pack with new 455-0012 unit. **Expires May 2024**  
**Replaced V-band clamps 450 hour requirement with new 11-1100023 clamps.** Replaced all hose clamps on engine compartment ducting. Removed electric fuel pump for 10 yr replacement requirement. Installed same unit in overhauled condition IAW **SB2X-28-12 R1** and leak test. Placed temporary revision to POH. FAA form 8130-3 on file under wo#029521 at Quality aircraft accessories QYIR334Y. Replaced 2 Tannis heat elements TTP2771-115/50 and spacers with new style connectors. Complied with TAT **SI15-02 turbos** TAT SI11-01 exhaust slip joints. TAT SB09-01 exhaust manifold inspection. Researched AD's and none apply to the airframe at this time. I certify that this aircraft has been inspected IAW an Annual Inspection and is determined to be airworthy and approved for return to service.

Ricky E. Townsend A&P488843636IA



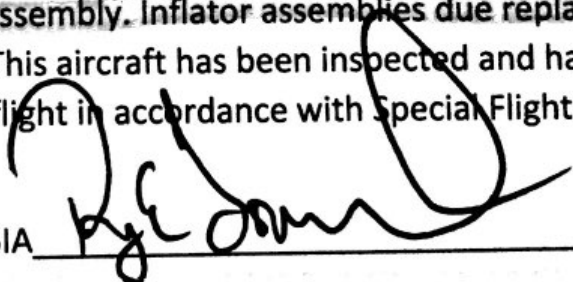
**N550PK airframe**

**Hobbs:**

**4/2/18**

**Replaced left and right crew seat inflator assemblies with P/N 191947 S/N 20328 on pilot side and S/N 20453 on co-pilot side. Installation completed with new brackets and wire harness as required for new assembly. Inflator assemblies due replacement IAW Chapter 04-00 12 yrs 4/31/2030.** This aircraft has been inspected and has been determined safe for the intended flight in accordance with Special Flight Permit dated April 3 2018.

Ricky E. Townsend A&P488843646IA





**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: Hillburn Builders Inc.  
2107 E. Kenwood Street  
Siloam Springs, AR 72761

Work Order: **MA17-05683**  
Acct Number: (479)381-6846

Opened: 12/29/2017  
Closed: 4/18/2018

**General Comments:**

Hobbs 1593.3 flight 1551.7

Aircraft Number:	N550PK	Type:	SR22G3	S/N:	2525		
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1							

**Discrepancy: 1**

**Problem:**

N550PK, s/n 2525 SR22 Parachute and rocket replacement **SB 2X-95-18 R4**

**Action Taken:**

Completed Cirrus **SB 2X-95-18R4** CAPS Rocket motor, parachute, shelf and electrical modifications by removing old parachute BRS P/N: 10013B, CDC P/N: 202823. Rocket Assembly P/N: 014000-03/J CDC P/N: 21814-001, S/N: 3393 3RS 900 assembly MFG date 03/07. AFT Grain Vulcan Systems VSI Lot 060531-BRS P.O.#10916 TRM-225 Aft grain shift -1. Bulk head grain VSI Lot # 060531-BRS P.O. 10916 TRM225 bulk head grain shift -1. Installed Repacked rocket unit P/N: 29500-003 s/n: 2943. Parachute P/N: 25574-004 S/N: 02922R1. AFT Grain 170524-TRM-275-006-001, TRM-275 Aft grain shift -1. Accomplished **SB 2X-95-22R2** CAPS Aft Grain Replacement inspection, **SB 2X-95-23R1** Aft grain replacement inspection, **SB 2X-95-24R1** CAPS Rocket shelf ground wire installation. Computed new weight and balance and installed in POH with temporary revision for POH

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
25574-004-INSP	Parachute Assembly		1.00	Each		\$
	S/N 02922					
	Core Charge		1.00	Each		\$
	Freight		1.00			\$
29500-403	Assembly, Rocket		1.00	Each		\$
	S/N: 2943					
	Freight		1.00			\$
29705-402	Frangible Link Kit, W/Hardware		1.00	Each		\$
	Freight		1.00			\$
50979-001	Battery (13615-001)		2.00	Each		\$
51168-002U	Anti-Chafe Tape, Flap/Inch		17.00	Inch		\$
70268-002	Kit, Retrofit Elec Ignition		1.00	Each		\$
70271-001	Kit, Retrofit Rocket		1.00	Each		\$
70572-001	Caps Ground Wire Kit, 2X-95-24		1.00	Each		\$
	Freight		1.00			\$
MS3126F12-10S	Plug		1.00	Each		\$
NAS1801-08-24	Screw, Hex Head		4.00	Each		\$

**Discrepancy: 2**

**Problem:**

Number 3 EGT INOP. T/S.

**Action Taken:**

Found number 3 EGT probe bad, replaced probe Operational check OK.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
16579-002	EGT Sensor (Lgr. Clamp)		1.00	Each		\$

**Miscellaneous Charges:**

Misc Supplies: \$

DATE

AIRCRAFT TIME

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

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

SubTotal:	\$
Charges:	\$

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified).  
Autopilots Central, Inc. FAA CRS CM2R747K

Authorized Signature B. KENTISH

**Closed**  
**8-13-18**