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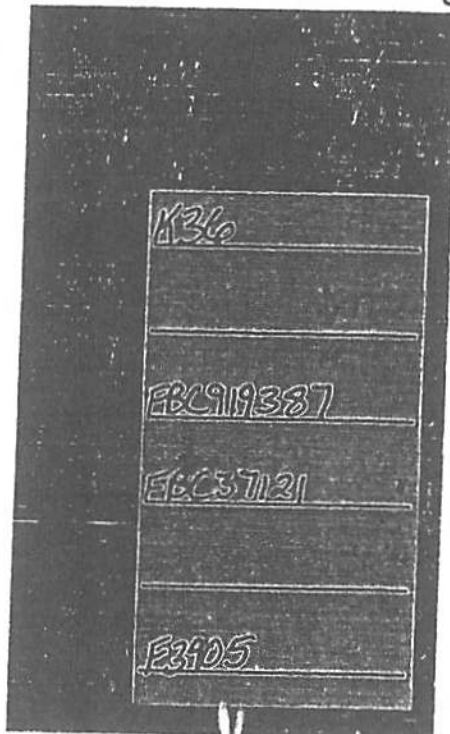
TC # A00009CH

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Aero Products Corporation

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PPG INDUSTRIES, INC  
COMMERCIAL COATINGS



PRIMER

COLOR

COLOR

CLEAR

# AIRCRAFT DESCRIPTION

MANUFACTURER Cessna Design Corporation MODEL SR22 DATE OF MFG. JAN 08

SERIAL NUMBER 2922 REGISTRATION NUMBER N2205U

	Inspection Status <small>(Check one)</small>
REGISTERED OWNER _____	<input type="checkbox"/> F.A.R. 91.409 ANNUAL/100 HOUR
STREET ADDRESS _____	
CITY, STATE, ZIP _____	
OPERATOR _____	<input type="checkbox"/> F.A.R. 91.409 PROGRESSIVE
STREET ADDRESS _____	
CITY, STATE, ZIP _____	
REGISTERED OWNER _____	<input type="checkbox"/> F.A.R. 135.419 A.T.C.O.
STREET ADDRESS _____	
CITY, STATE, ZIP _____	
OPERATOR _____	<input type="checkbox"/> OTHER DATE ENTERED _____
STREET ADDRESS _____	
CITY, STATE, ZIP _____	
MAINTENANCE RESPONSIBILITY	


## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	<u>Teledyne Continental Motors Inc</u>	<u>IO-550-N</u>	<u>691500</u>
ENGINE			
PROPELLER	<u>Hartzell Propeller Inc</u>	<u>PHC-534F-1W</u>	<u>FP6417B</u>
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
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ENGINE			
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ENGINE			
PROPELLER			
PROPELLER			

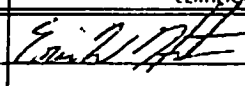
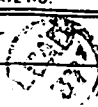
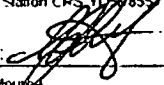
## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS


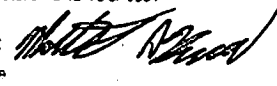


NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
<b>Life Limited Parts SR22</b>							
	<b>PART NAME</b>	<b>PART NUMBER</b>				<b>EXPIRES</b>	
	CAPS Rocket Motor	21814-001	S/N	3763		08/17	
	CAPS Parachute	20331-001	S/N	03219		12/17	
	CAPS Reefing Line Cutters	5212	LOT	70507K 003-046		11/13	
	Oxygen Bottle Assembly	100N0020-4	MFG Date	10-07		10/2022	
	ELT Battery Pack	452-6504	Date Installed	01/2008		02/2013	
	EMA Controller, AAIR	20902-001	S/N	07Nov07-156		Nov 2014	
	Pilot Seat Inflator Assy, AAIR	20902-002	S/N	AA51 2294 30080		9/11/2014	
	Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N	AA51 2624 20336		10/11/2014	

## MAJOR ALTERATIONS





DATE	DESCRIPTION OF ALTERATION
1-10-08	<p>THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES HAVE BEEN INSTALLED ON THIS AIRCRAFT</p> <p>SA10588SC SE10589SC SA01708SE</p> <p>CDC  on 01/10/08. Cirrus Design Corporation Duluth, MN USA PC# 338CE</p>

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD





AGENCY RT. NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
			25 JAN 08 5.3hrs				 
				Searched AD's through bi-weekly issue <u>2008-02</u> . All AD's are in compliance at this time.			
		MAKE Cirrus MODEL SR22-G3 Turbo SN 22-2922 REG NO 220SU WORK ORDER 10769-02-2008	<b>Cirrus Design Factory Service Center</b> Repair Station No. YDSR855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-788-3101				DATE 2/14/2008 A/C TSN 616 MOBBS 213
		<b>AD Entries</b>	(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 YDSR855Y.							
		DATE: 2/14/2008	SIGNED: 		Work Order: 10769-02-2008		
		Steven LaMoure Certified Repair Station No. YDSR855Y		Printed by EBIS 3 (datcomedia.com)			

A.D./BULL. NUMBER	A.D./BULL. NUMBER
<b>AIR</b> MAKE Cirrus MODEL SR22-G3 Turbo SN 22-2922 REG NO 220SU WORK ORDER 10944-03-2008	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YDSR855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-788-3101
DATE 3/24/2008 A/C TSN 616 MOBBS 616	
<b>AD Entries</b>	
(2) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2008-06 AD 2008-03-16, Rudder/Aileron Interconnect, not applicable due to S/N 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 YDSR855Y.	
DATE: 3/24/2008	SIGNED: 
Work Order: 10944-03-2008	
Printed by EBIS 3 (datcomedia.com)	
MAKE Cirrus MODEL SR22-G3 Turbo SN 22-2922 REG NO 220SU WORK ORDER 11111-04-2008	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YDSR855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-788-3101
DATE 5/1/2008 A/C TSN 1229 MOBBS 1229	
<b>AD Entries</b>	
(7) Complied with Precise flight mandatory service letter for switch guard installation and cable inspection Done by installing guard (PIN 10FIN2125-1) and inspection of attach ribbon cable. All work accomplished IAW service letter document # 1021AAAN0005 (8) Complied with AD 2008-06-28F.1 Awdyno PFD, and determined that the PFD, SN 20018507, is not affected by this AD. No further action is required. (9) Complied with AD 2008-06-17. Koly Aerospace Power Systems, by verifying that AD is not applicable due to turbochargers P/N's installed 468304-0003 (10) Complied with SE 2X-08-01 by installing corrected weight and balance data in the act's PCH IAW S.B. 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 YDSR855Y.	
DATE: 5/1/2008	SIGNED: 
Work Order: 11111-04-2008	
Printed by EBIS 3 (datcomedia.com)	

# 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.
	MAKE Cirrus MODEL SR22-G3 Turbo S/N 22-2922 REG. NO. 220SU WORK ORDER 11292-06-2008			<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101		DATE 6/2/2008 A/C TSN 1229 HOBBS 1229
	<b>AD Entries</b> (2) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2008-11 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: 6/2/2008	SIGNED: 		Work Order: 11292-06-2008 Printed by EBis 3 (datcomedia.com)		
	MAKE Cirrus MODEL SR22-G3 Turbo S/N 22-2922 REG. NO. 220SU WORK ORDER 11365-06-2008			<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101		DATE 7/9/2008 A/C TSN 212 HOBBS 212
	<b>AD Entries</b> (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: 7/9/2008	SIGNED: 		Work Order: 11365-06-2008 Printed by EBis 3 (datcomedia.com)		

# 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.
	MAKE Cirrus MODEL SR22-G3 Turbo S/N 22-2922 REG. NO. 220SU WORK ORDER 11365-06-2008			<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101		DATE 7/9/2008 A/C TSN 212 HOBBS 212
	<b>SB Entries</b> (5) Researched SB 2X-28-08 and found that it does not apply to aircraft with Tornado Alley Turbo system installed. No action is necessary.					
	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: 7/9/2008	SIGNED: 		Work Order: 11365-06-2008 Printed by EBis 3 (datcomedia.com)		
	MAKE Cirrus MODEL SR22-G3 Turbo S/N 22-2922 REG. NO. 220SU WORK ORDER 11631-07-2008			<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101		DATE 7/23/2008 A/C TSN 212 HOBBS 212
	<b>AD Entries</b> (2) Researched aircraft records for applicable ADs through bi-weekly 2008-16 and found that all are in compliance at this time. Researched aircraft records for mandatory service bulletins and found that all applicable bulletins 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: 7/23/2008	SIGNED: 		Work Order: 11631-07-2008 Printed by EBis 3 (datcomedia.com)		







# MAINTENANCE RECORD F.A.R. 43.9

ED BY: —CERT. NO.	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
			 <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 2/12/2008 AC TSN 208 HOBBS 208
			<b>Airframe Entries</b> (2) Installed Pratt Corp. engine heater, FAA-PMA No. PQ2555CE, in accordance with installation instructions. Updated aircraft's weight & balance and equipment list in the P-O-H to reflect this installation. Performed functional check of engine pre-heater. Function check was 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: 2/12/2008		SIGNED:  Curt Kracke Certified Repair Station No. YD5R855Y	Work Order: 10747-02-2008 Printed by EBis 3 (datcomedia.com)
			<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 2/14/2008 AC TSN 208 HOBBS 208
			<b>Airframe Entries</b> (3) Removed fuel pump, FN 11839-001, and installed pump SN 3752. 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: 2/14/2008		SIGNED:  Steven LaMourea Certified Repair Station No. YD5R855Y	Work Order: 10769-02-2008 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 & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>MAKE Cirrus MODEL SR22 Turbo S/N 22-2922 REG. NO. 2203U WORK ORDER 10747-02-2008</p> <p style="text-align: right;"><b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Cummins, IA 52521 Phone: 319-758-3101</p>	<p>10-10-2008 10-10-2008 10-10-2008</p>
<p><b>Airframe Entries</b></p> <p>(2) Installed Feit Corp. engine heater, FAA PMA No. PG2585CE, in accordance with installation instructions. (Updated aircraft weight &amp; balance and equipment list in the DOW to reflect this installation. Performed functional check of engine preheater. Function check was satisfactory.</p> <p>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.</p>			
DATE: 2/12/2008		SIGNED:	Work Order: 10747-02-2008 Printed by EBis 3 (datcomedia.com)

DATE: 2/14/2008	SIGNED:	<p>MAKE Cirrus MODEL SR22 Turbo S/N 22-2922 REG. NO. 2203U WORK ORDER 10769-02-2008</p> <p style="text-align: right;"><b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Cummins, IA 52521 Phone: 319-758-3101</p>	<p>DATE: 2/14/2008 AVG TSM 208 H3665 208</p>
<p><b>Airframe Entries</b></p> <p>(3) Removed fuel pump, PN 11639-001, and installed pump SN 3752. Operational and leak check performed with no discrepancies noted.</p> <p>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.</p>			
DATE: 2/14/2008		SIGNED:	Work Order: 10769-02-2008 Printed by EBis 3 (datcomedia.com)

**DUKES, INC.  
ACCEPTANCE TEST PROCEDURE**

ATP 5217-04-3  
DATA SHEET

REV. A

6-17-04

26

DUKES, INC. P/N 5217-00-3

S/N: 7752

REQUIREMENT	ACTUAL	PASS	FAIL
<b>3.1 EXAMINATION OF PRODUCT</b>			
Pump meets all requirements of outline drawing 5217-00-3, including dimensions, identification, workmanship, and weight.		PASS	FAIL
<b>3.2 PROOF PRESSURE &amp; EXTERNAL LEAKAGE TEST</b>			
Inlet pressure at 50 psig at 70°F and outlet capped. No leakage as evidenced by no bubbles.		PASS	FAIL
Inlet pressure at 50 psig at 70°F and outlet capped. No evidence of damage or deformation.		PASS	FAIL
<b>3.3 CURRENT DRAW</b>			
4.0 amperes maximum at 28 VDC.	2.0	PASS	FAIL
<b>3.4 RELIEF VALVE SETTING (HIGH BOOST NO FLOW)</b>			
24 VDC and no flow, the pump pressure shall be 23.0 psig maximum.	23	PASS	FAIL
<b>3.5 HIGH BOOST FUNCTIONAL TEST</b>			
28 VDC and pressure at 16 psig, the pump flow shall be 42 GPH minimum.	68	PASS	FAIL
<b>3.6 LOW BOOST FUNCTIONAL TEST</b>			
28 VDC and 19 GPH flow, the pump pressure shall be 4.0 to 6.0 psig.	5.4	PASS	FAIL
28 VDC and 3 GPH flow, the pump pressure shall be 9 psig maximum.	7.8	PASS	FAIL

TEST TECHNICIAN:

DATE: 7/31/07

QA INSPECTOR

(ACC/REJ) DATE: AUG 2 2007

DA COMF  
 MAKE Cirrus  
 MODEL SR22-GB Turbo  
 S/N 22-2922  
 REG. NO. 220SU  
 WORK ORDER  
 11111-04-2008



**Cirrus Design Factory Service Center**  
 Repair Station No. YDSR8551  
 4515 Taylor Circle  
 Duluth, GA 30081  
 Phone: 216-788-3101

DATE 11/20/08  
 AIR TSM 212  
 HOBBS 212

DATE NO. WED TO SERVICE	DATE OF COMPLETION

**Airframe Entries**

(6) Removed and Replaced cowling on wing (P/N 51265-002) IAW CDC AMM 21-20 (16) Removed and Replaced Left Tailpipe Support Bracket (P/N ETI-G2-600-5) IAW TAI installation instructions report 22-040001

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. Further details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE: 5/11/2008

SIGNED: *Mitch Knase*  
 Mitch Knase  
 Certified Repair Station No. YDSR855Y

Work Order: 11111-04-2008  
 Printed by EBis 3 (dalcomedia.com)

5-17-08	216.7	Removed and Replaced L/H MLG wheel P/N 17122-101, Tybe P/N 14076-202 and tire P/N 14075-206 IAW CDC AMM 32-21 A/P 3046-700 Rops	
		End	

**MAINTENANCE RECORD**

DATE NO. WED TO SERVICE	DATE OF COMPLETION

MAKE Cirrus  
 MODEL SR22-GB Turbo  
 S/N 22-2922  
 REG. NO. 220SU  
 WORK ORDER  
 11365-06-2008

**Cirrus Design Factory Service Center**  
 Repair Station No. YDSR8551  
 4515 Taylor Circle  
 Duluth, GA 30081  
 Phone: 216-788-3101

DATE 7/9/2008  
 AIR TSM 212  
 HOBBS 212

**Airframe Entries**

(3) Removed GNS-430W #1 P/N 12716-072 S/N 28404708 and installed GNS-430W P/N 12716-0925 S/N 97139570 IAW SR22 AMM 34-50 (Ground check satisfactory) (4) Replaced both right wing fuel sensors, P/Ns 16453-003 and 16454-013. Removed fuel level indicator, P/N 15557-002 S/N 01541 and installed fuel level indicator, P/N 15237-003 S/N 0142, and calibrated IAW SR22 AMM 26-40 (15) Complied with CIRCIUS MAINTENANCE PROGRAM In-Service Inspection II (17) Updated MFC to software revision 7.0 IAW Avdyn SE 001-00004-077 Rev. 02 (AFD functional check satisfactory) (25) Inspected tires and brakes IAW CDC AMM 5-20 Replaced brake caliper O-rings, P/N 101-38500 and new O-ring inspection strikers, IAW CDC AMM 27-42 (22) Updated #2 GNS-430W to Main Software Version 3.10, and GPS Software Version to 3.1 IAW Garmin Software Service bulletin (BSS Rev A. Functional check satisfactory) #1 GNS-430W has 3.1 and 3.10 already 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. Further details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE: 7/9/2008

SIGNED: *James Christman*  
 James Christman  
 Certified Repair Station No. YDSR855Y

Work Order: 11365-06-2008  
 Printed by EBis 3 (dalcomedia.com)

MAKE Cirrus  
 MODEL SR22-GB Turbo  
 S/N 22-2922  
 REG. NO. 220SU  
 WORK ORDER  
 11631-07-2008



**Cirrus Design Factory Service Center**  
 Repair Station No. YDSR8551  
 4515 Taylor Circle  
 Duluth, GA 30081  
 Phone: 216-788-3101

DATE 7/23/2008  
 AIR TSM 212  
 HOBBS 212

**Airframe Entries**

(3) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 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. Further details of repair are on file at this Certified Repair Station CRS YDSR855Y.

DATE: 7/23/2008

SIGNED: *Mitch Knase*  
 Mitch Knase  
 Certified Repair Station No. YDSR855Y

Work Order: 11631-07-2008  
 Printed by EBis 3 (dalcomedia.com)

MAINTENANCE RECORD

MAKE Cirrus  
MODEL SR22-G3 Turbo  
SN 22-2922  
REG. NO. 220SU  
WORK ORDER  
11837-08-2008



Cirrus Design Factory Service Center  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 8/26/2008  
A/C TSN 246  
H/EEB 246

DATE OF COMPLETION

DATE OF COMPLETION

Airframe Entries

(1) FLT Meter Time: 210.8 Completed RSM form 21F1 (5) FLT Meter Time: 210.8 Researched A/Ds through bi-weekly issues 2006-17, all A/Ds are in compliance at this time (12) Inspected tires and brakes IAW CDC AMM 32-40 & 32-41 N/G, M/G tires and M/G brakes are all serviceable at this time (14) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 51-20 and standard maintenance practices (26) Removed and Replaced Rear Crank Holder (P/N 12789-402) IAW CDC SF22 MM 25-10

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 YDSR855Y

DATE: 8/26/2008

SIGNED: *[Signature]*  
Mitch Knase  
Certified Repair Station No. YDSR855Y

Work Order: 11837-08-2008  
Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22-G3 Turbo  
SN 22-2922  
REG. NO. 220SU  
WORK ORDER  
11886-09-2008



Cirrus Design Factory Service Center  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 9/3/2008  
A/C TSN 247.1  
H/EEB 247.1

Airframe Entries

(1) FLT Meter 211.4 (8) Removed and Replaced LH passenger interior panel (P/N 20334-064) IAW CDC SF22 MM 25-10

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 YDSR855Y

DATE: 9/3/2008

SIGNED: *[Signature]*  
Mitch Knase  
Certified Repair Station No. YDSR855Y

Work Order: 11886-09-2008  
Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

MAKE Cirrus  
MODEL SR22-G3 Turbo  
SN 22-2922  
REG. NO. 220SU  
WORK ORDER  
11899-09-2008



Cirrus Design Factory Service Center  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 9/4/2008  
A/C TSN 247.1  
H/EEB 247.1

DATE OF COMPLETION

DATE OF COMPLETION

Airframe Entries

(1) FLT Meter 215.4 (3) Prestated Autopilot IAW SR22 AMM 22-11, functional check satisfactory (4) Removed fuel gauge (P/N 13557-003, SN 0142) and Replaced with new gauge (P/N 13557-003 SN 0162) and calibrated IAW CDC AMM 26-40

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 YDSR855Y

DATE: 9/4/2008

SIGNED: *[Signature]*  
Mitch Knase  
Certified Repair Station No. YDSR855Y

Work Order: 11899-09-2008  
Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22-G3 Turbo  
SN 22-2922  
REG. NO. 220SU  
WORK ORDER  
11903-09-2008



Cirrus Design Factory Service Center  
Repair Station No. YDSR855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 9/5/2008  
A/C TSN 253.3  
H/EEB 253.3

Airframe Entries

(1) FL Time 216.3 (4) (FLT TIME: 216.3 Hrs) Removed and cleaned fuel injectors and flushed engine fuel lines IAW TCM IC-550 overhaul manual


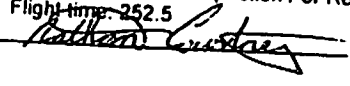
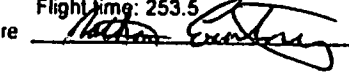

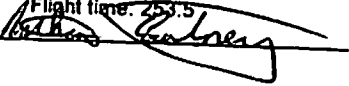
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y

DATE: 9/5/2008


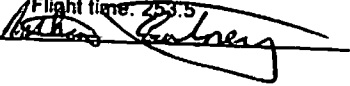
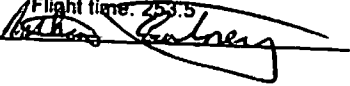
SIGNED: *[Signature]*  
Mitch Knase  
Certified Repair Station No. YDSR855Y

Work Order: 11903-09-2008  
Printed by EBis 3 (datcomedia.com)

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

DATE OF COMPLETION	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AIRCRAFT TIME	DATE OF COMPLETION
		<p><b>AirQuest Aviation</b> 485 Airport Road Butler, PA 16002</p> <p>Date: 11/11/2008; Aircraft: N220SU; Type: SR22 Removed and replaced altitude transducer with new, PN: 12722-002 per Cirrus maintenance manual, section 22-10. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station Under: WO#: 08-0458</p> <p>Hobbs time: 298.0 Flight time: 252.5 Authorized Signature:  AirQuest Aviation 485 Airport Rd Butler, PA 16002 CRS # Q3ER924K</p>		<p><b>AirQuest Aviation</b> 485 Airport Road Butler, PA 16002</p> <p>Date: 12/04/2008 Removed and replaced roll trim cartridge with new, PN: 12546-903. Complied with 300 hour cowling access panel door lubrication. Complied with 300 hour baggage door lubrication. Complied with 300 hour seat track lubrication. Removed and replaced fuel quantity indicator dials with new, PN: 18484-301. Removed and replaced fuel quantity indicator with new, PN: 13557-003. Re-attached right exhaust heat shield with fuel tank sealant. All work done per Cirrus maintenance manual. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 08-0559</p> <p>Hobbs time: 299.2 Flight time: 253.5 Authorized Signature:  AirQuest Aviation 485 Airport Rd Butler, PA 16002 CRS # Q3ER924K</p>
		<p>Hobbs: 298.0 11/11/08 N220SU</p> <p>Leak tested static system in accordance with FAR 23.1325.</p> <p>WO# 0965</p> <p> CRSE9TR271N</p>		<p><b>AirQuest Aviation</b> 485 Airport Road Butler, PA 16002</p> <p>Date: 12/04/2008; Aircraft: N220SU; Type: SR22; S/N: 2922 Registration number per Cirrus maintenance manual, section 11-20. Number changed from N220SU to N1228A. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 08-0579</p> <p>Hobbs time: 299.2 Flight time: 253.5 Authorized Signature:  AirQuest Aviation 485 Airport Rd Butler, PA 16002 CRS # Q3ER924K</p>

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

DATE OF COMPLETION	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AIRCRAFT TIME IN SERVICE	DATE OF COMPLETION
		<p><b>AirQuest Aviation</b> 485 Airport Road Butler, PA 16002</p> <p>Date: 12/04/2008; Aircraft: N220SU; Type: SR22; S/N: 2922 Registration number per Cirrus maintenance manual, section 11-20. Number changed from N220SU to N1228A. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 08-0579</p> <p>Hobbs time: 299.2 Flight time: 253.5 Authorized Signature:  AirQuest Aviation 485 Airport Rd Butler, PA 16002 CRS # Q3ER924K</p>		<p><b>AirQuest Aviation</b> 485 Airport Road Butler, PA 16002</p> <p>Date: 12/04/2008; Aircraft: N220SU; Type: SR22; S/N: 2922 Registration number per Cirrus maintenance manual, section 11-20. Number changed from N220SU to N1228A. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 08-0579</p> <p>Hobbs time: 299.2 Flight time: 253.5 Authorized Signature:  AirQuest Aviation 485 Airport Rd Butler, PA 16002 CRS # Q3ER924K</p>

**NOTICE**

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

**8. Description of Work Accomplished**

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

Usa N1228A

12/03/2009

Nationality and Registration Mark

Date

Installed new transponder antenna P/N: 12739-001 at F.S. 271.5. Old antenna was left in original location. Routed and installed new coaxial cable P/N: RG-400 from the back of the transponder to the new transponder antenna. Installed new connectors P/N: 56465-001 on cable. All work done per Cirrus Design Corp. repair deviation/alteration document number: 21672-005, and per the Cirrus maintenance manual chapters: 6-00, 34-50, and 51-00. No weight and balance change.-----END-----

Additional Sheets Are Attached



US Department of Transportation  
Federal Aviation Administration

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

Form Approved  
OMB No. 2120-0020  
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark <b>Usa</b> <b>N1228A</b>	Serial No. <b>2922</b>	
	Make <b>CIRRUS</b>	Model <b>SR-22</b>	Series
2. Owner	Name (As shown on registration certificate) <b>Rawlings, Edward</b>		Address (As shown on registration certificate) <b>176 St. Ives Way</b>
			City <b>Zelienople</b> State <b>PA</b>
			Zip <b>16063</b> Country

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <b>AlrQuest Aviation</b>		<input type="checkbox"/> U. S. Certificated Mechanic		<input type="checkbox"/> Manufacturer	
Address <b>485 Airport Road</b>		<input type="checkbox"/> Foreign Certificated Mechanic		<input checked="" type="checkbox"/> Certified Repair Station	
City <b>Butler</b> State <b>PA</b>		<input type="checkbox"/> Certified Maintenance Organization		<b>Q3ER924K</b>	
Zip <b>16002</b> Country <b>USA</b>					

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <b>December 3, 2009</b> <b>NATHAN COURTNEY</b>
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in Item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  Approved  Rejected

BY	FAA Fil. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. <b>Q3ER924K</b>	Signature/Date of Authorized Individual <b>December 3, 2009</b> <b>NATHAN COURTNEY</b>
---	---





MAINTENANCE RECORD  
F.A.R. 43.9

CERTIFICATE NO.  
RETURNED TO SERVICE

**AirQuest Aviation**

485 Airport Road  
Butler, PA 16002

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO.

**AIRQUESTAVIATION**  
Beyond Expectations...

Date: 12/03/2009; Aircraft: N1228A; Type: CIRRUS; S/N: 2922

Installed new transponder antenna P/N 12739-001 at F.S. 271.5. Ran new coaxial cable P/N RG-400 from back of transponder to  
transponder antenna. Installed new connectors on coaxial cable P/N 50465-001. All work done in accordance with Cirrus Design  
Corporation Repair Deviation / Alteration Document Number 21672-005 and Cirrus Maintenance Manual Chapter 6-00, 34-50 and 51-00.  
See 337 form dated 12/3/09. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with  
Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair  
Station under WO#: 09-1103

Hobbs time: 421.0

Tach time: 349.0

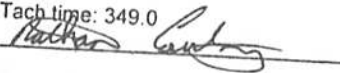
Authorized Signature

AirQuest Aviation

485 Airport Rd

Butler, PA 16002

CRS # Q3ER924K



## 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
		<p>The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:</p> <p>Par (a) Static system, date: <u>12/22/09</u></p> <p>Par (b) Altimeters, Model <u>AN101JE</u> <u>UN1ED</u> Serial Number <u>20016807</u> <u>466209</u></p> <p>Par (c) Integrated system to <u>25,000</u> feet</p> <p>Details of this inspection are on file at this repair station under W/O <u>1213</u></p> <p>Technician <u>[Signature]</u> date <u>12/22/09</u> ProAv Aircraft Services CRS E9TR271N</p> <p>ATC Transponder Tests and Inspections as required by FAR 91.413 (a) &amp; (b), have been performed IAW FAR 43, Appendix E &amp; F.</p> <p>TXPR Model <u>GTR327</u> S/N <u>83730540</u> ENCODER Model <u>ATLAS0</u> S/N <u>109506</u> Tested to <u>25,000</u> FEET W/O <u>1213</u></p> <p>Technician <u>[Signature]</u> date <u>12/22/09</u> ProAv Aircraft Services CRS E9TR271N 1834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023</p>	

**AirQue**  
485 Airport  
Butler, PA

Date: 12/03/  
Installed new  
transponder  
Corporation  
See 337 form  
Current FAA  
Station unde  
Hobbs time:  
Authorized S  
AirQuest Avii  
485 Airport R  
Butler, PA 16  
CRS # Q3ER

MAINTENANCE RECORD  
F.A.R. 43.9

CIFICATE NO.  
URNED TO SERVICE

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO.

AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIROQUESTAVIATION  
Beyond Expectations...

Date: 8/25/2009; Aircraft: N1228A; Type: CIRRUS; S/N: 2922

Complied with SB2x-32-19 and no defects were noted at this time. Work done in accordance with instructions given per SB2X-32-19.  
Complied with SB2x-05-01 and installed new temp sensor stickers using kit P/N 70227-002. All work done per instruction of

SB2x-05-01. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA  
Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station

under WO#: ~~09-09007~~ 09-0967 MC

Hobbs time: 403.6 Tach time: 336.9

Authorized Signature

AirQuest Aviation

485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

AirQuest Aviation

485 Airport Road  
Butler, PA 16002

AIROQUESTAVIATION  
Beyond Expectations...

Date: 12/03/2009; Aircraft: N1228A; Type: CIRRUS; S/N: 2922

Adjusted rt magneto point clearance and reassembled magneto using new gaskets P/N 10-357520, 10-357532 and 649954. Installed  
and retimed magneto. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA  
Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station

under WO#: 09-1103

Hobbs time: 421.0 Tach time: 349.0

Authorized Signature

AirQuest Aviation

485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

# 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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AirQuest Aviation  
485 Airport Road  
Butler, PA 16002



Date: 1/21/2009; Aircraft: N1228A; Type: CIRRUS; S/N: 2922

Complied with annual/100 hour/50 hour/25 hour inspection of airframe. Complied with research of airworthiness directives for aircraft. Installed anti-chafe tape on right hand wing main landing gear upper fairing collar area. Installed anti-chafe tape on left hand wing main landing gear upper fairing collar area. All work done in accordance with Cirrus maintenance manual. The Aircraft and/or Component identified above was inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this airframe has been inspected in accordance with a annual/100 hour/50 hour/25 hour inspection and was determined to be in airworthy condition.

ACTT: 3226 Hobbs time: 271.4 Flight time: 271.4 WO#: 09-0618  
Signed *[Signature]* Date 1/21/09

AirQuest Aviation 485 Airport Rd. Butler, PA 16002  
Q3ER924K

AirQuest Aviation  
485 Airport Road  
Butler, PA 16002



Date: 4/24/2009; Aircraft: N1228A; Type: CIRRUS; S/N: 2922

Complied with 300 hour inspection items. Next due: 606.0 (Flight time). Complied with 50 hour inspection items: oil change, fuel filter cleaning and visual inspection of engine items. Complied with Tornado Alley 25/50 hour turbo inspection. Complied with Precise Flight 50 hour oxygen inspection. All work done in accordance with Cirrus maintenance manual. The Aircraft and/or Component identified above was inspected and/or Repaired in accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 09-0760

Hobbs time: 366.2 Tach time: 306.0

*[Signature]*

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

AirQuest  
485 Airport  
Butler, PA

Date: 8/25/12

Complied with  
Complied with  
SB2X-05-01.  
Regulations.  
under WO#:  
Hobbs time:  
Authorized S  
AirQuest Avi:  
485 Airport R  
Butler, PA 16  
CRS # Q3ER

AirQuest  
485 Airport R  
Butler, PA 16

Date: 12/03/200

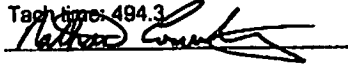
Adjusted it mag  
and retimed me  
Regulations an  
under WO#: 09  
Hobbs time: 42  
Authorized Sign  
AirQuest Aviat:  
485 Airport Rd  
Butler, PA 1600  
CRS # Q3ER9;

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

**AIRQUESTAVIATION**  
353

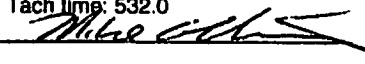
Date: 7/27/2011; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Removed and replaced crankshaft seal with new seal P/N 641250. Removed and replaced propeller oring with new P/N MS28775-228. The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 11-1960

Hobbs time: 494.6 Tach time: 494.3  
Authorized Signature   
AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

**AIRQUESTAVIATION**


~~11-17-2011~~  
Date: ~~11-17-2011~~; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Complied with SA 11-03, removed both left and right exhaust assemblies, lubricated all slip joints. Reinstalled both left and right exhaust assemblies using new gaskets p/n 652458, 636465, FG0120830. Installed new upper left support p/n 22-6250006. Installed new wear sleeve p/n 22-6200048. Installed new bolts p/n AN5C7A, M521250-05020. Ground run aircraft, no leaks noted. Complied with SA11-07 turbo inspection.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 11-2119  
Hobbs time: 640.4 Tach time: 532.0  
Authorized Signature   
AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

**AIRQUESTAVIATION**

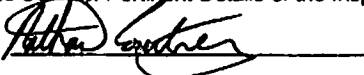
~~12-16-2011~~  
Date: ~~12-16-2011~~; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Complied with annual inspection of engine. Compression test: 1) 62/80, 2) 63/80, 3) 59/80, 4) 61/80, 5) 48/80, 6) 63/80, min of day 39/80. Complied with oil change, cut and inspected oil filter, collected oil sample, no metal found at this time. Installed new oil filter P/N: CH4810801. Serviced engine with 8 quarts of Phillips XC 20W50 oil. AD 2011-25-51E Identifier 2011-NE-41-AD, found N/A, no starter adapter has been replaced. Installed new top washers on cylinder 1,3,5, 4 and 6. p/n X1473.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this engine has been inspected in accordance with a 100hr/annual inspection and was determined to be in airworthy condition.  
ACTT: 535.1 Hobbs time: 644.7 Tach time: 535.1 WO#: 11-2129 ETT: 535.1 ESMOH: 535.1  
Signed   
AirQuest Aviation 485 Airport Rd. Butler, PA 16002  
Q3ER924K

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

**AIRQUESTAVIATION**

Date: 1/06/2012; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Adjusted absolute pressure controller, operations check good. Work done in accordance with Torado Alley ICA Rev A dated 10 April 09 document 22-6460004.  
The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 12-2170

Hobbs time: 537.2  
Authorized Signature   
AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K



275K

330-455  
4569

100K

1/4  
07

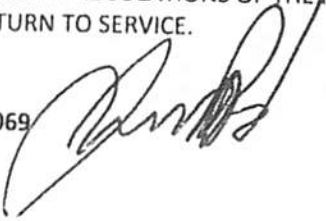


75K

200K

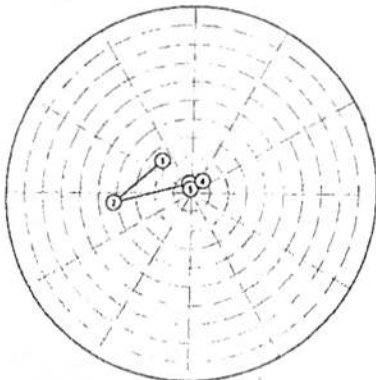
75K



Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.						
			December 11, 2012						
	N1228A CIRRUS SR22 G3	SN 2922	Flight	602.1	HRS	HOBBS	754.8	HRS	
	Continental IO550N50	SN 691500	Flight	602.1	HRS	HOBBS	754.8	HRS	
	Hartzel PHC-J3YF-1N	SNFP6417B	Flight	602.1	HRS	HOBBS	754.8	HRS	
	Serviced propeller with grease and inspected hub for damage none found. Performed vibration analysis, dynamic prop balance. Ground run performed. Leak check and operational check found satisfactory.								
	THIS AIRCRAFT ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.								
	JIM BARKER A&P/IA 2755069 www.aviationvibes.com (715) 822-5787					AVIATION RESOURCES, LLC 101 Airport Ave Hangar 7 Cumberland, WI 54829			

**ENGINE/PROP DYNAMICALLY BALANCED**

---- POLAR PLOT - 1.0 IN/S FS ----



**Operator Comments**

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AV 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev 00 1 July 2003. Initial IPS of 237 @ 2554 rpm reduced to 023 IPS @ 2547 rpm by installing AN hardware balance weight on spinner rear bulkhead  
 Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829  
 Hangar: 715 822 5787 Cell: 715 491 1303 Email jim@aviationvibes.com www.aviationvibes.com

N1228A Cirrus SR 22 G3 2922 739.9 Hrs  
 Cont/Hart 691500

Front of engine  
 MicroVib II SN:1173 Cal:03/29/2012  
 Initial: 0.237 IN/S @ 2553.8 RPM Final: 0.023 IN/S @ 2546.8 RPM

Oper: \_\_\_\_\_  
 Date: 12/12/2012

Jim Barker A&P 2755069

# 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 DISAPPROVING AIRCRAFT FOR SERVICE
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## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899 Fax (904) 824-6334

CIRRUS SR-22

S/N:2922

N1228A

4-18-12 Hobbs:685.6hrs. Pit Hr:565.2hrs.

Performed static balance to left/right main wheels.

Bryan M Wood A&P3216290


# 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 DISAPPROVING AIRCRAFT FOR SERVICE
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**December 11, 2012**

N1228A	CIRRUS SR22 G3	SN 2922	Flight	602.1	HRS	HOBBS	754.8	HRS
Continental	IO550N50	SN 691500	Flight	602.1	HRS	HOBBS	754.8	HRS
Hartzel	PHC-J3YF-1N	SNFP6417B	Flight	602.1	HRS	HOBBS	754.8	HRS

Accessed aircraft and perform Annual Inspection as described in MM. Checked and adjusted slip/skid ball, rudder pedals. Flaps repainted, bearings replaced as necessary. Tensioned main landing gear lower bracket in compliance with SB2X-57-13. Replaced cabin air inlet hose. #1 Alt FCU replaced. Removed O2 bottle for hydrostatic test, completed satisfactory, installed bottle and serviced with ABO. Replace alternator brush set PN ALE-10135. Installed flap actuator stop collar system kit 70255-002 in accordance with SB2X-27-16R1. Installed new A/C drive grommets P/N 1133177-1. Applied aluminum tape to heat shield on lower left cowling. Refitted right door seal and applied talc powder. Stop drilled front baffle on lower left side. Replaced recognition lamps with AeroLeds Microsun units P/N 01-1070 ELT battery replaced and tested due Jan 2020. Lubricated aircraft. Ground run performed. Leak check and operational check found satisfactory. Closed aircraft.

THIS AIRCRAFT ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069  
 www.aviationvibes.com  
 (715) 822-5787

AVIATION RESOURCES, LLC  
 101 Airport Ave Hangar #7  
 Cumberland, WI 54829

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

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002




Date: 1/04/2012; Aircraft: N1228A, Type: CIRRUS, S/N: 2922

Removed and installed #2 GNS430 p/n 011-01060-00 s/n 23404729, Hobbs 648.1, Flight 536 7. Operations check in accordance with Cirrus Maintenance Manual 34-50, update performed by Winner Aviation, see Winner Aviation work order #AVN3399, and invoice #INV11-07118.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 11-2163

Hobbs time: 648.1 Tach time: 536.7

Authorized Signature 

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

**AirQuest Aviation**  
485 Airport Road  
Butler, PA 16002

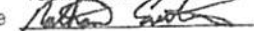


Date: 1/05/2012; Aircraft: N1228A; Type: CIRRUS, S/N: 2922

Removed worn tire p/n 061-501-0 s/n 8066W00210. Installed new tire 15 x 6 0-6/6/160 p/n 061-501-0 s/n 1124500205, assembled wheel and installed on aircraft. All work done per Cirrus Maintenance Manual Section 32-41-00.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO#: 12-2169

Hobbs time: 648.3 Tach time: 536.7

Authorized Signature 

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

**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 DISAPPROVING AIRCRAFT FOR SERVICE



4/3/2012 N1228A CIRRUS SR22 S/N 2922 HOBBS: 680.7 WO#4326

REMOVED CIRRUS ROLL TRIM SERVO P/N 11796-005 S/N 961. INSTALLED OVERHAULED EXCHANGE NEW P/N 12546-003S S/N H1137/886 (OH BY CRS #YD5R855Y 8130 #851-12-2011-4) PER SECTION 27-10 OF CIRRUS MAINTENANCE MANUAL P/N 13773-001 THE COMPONENT(S) LISTED WERE REPAIRED AND/OR INSPECTED I.A.W. MANUFACTURERS SPECIFICATIONS AND INSPECTED I.A.W. CURRENT MAINTENANCE RULES OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.



Brad Miller Authorized Signature for:

Gulf Coast Avionics Corp. Lakeland, FL. 33811  
FAA CRS#UB4R564M & INAC OMAC-E #547

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#: 12-2169

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

**AirQuest Aviation**

485 Airport Road  
Butler, PA 16002

Date: 6/26/2013; Aircraft: N1228A; Type: CIRRUS; S/N: 2922  
Shop Order #: 13-2717

Removed and replaced left main landing gear tire with new p/n 061-501-0 s/n 1336S00126. Removed and replaced left main landing gear wheel hali with new p/n 162-02700. Work done in accordance with Cirrus Maintenance Manual. Removed baffeling behind spinner and back plate. Stop drilled two cracks. Reinstalled baffeling. Work done in accordance with Cirrus Maintenance Manual. Removed and replaced left tailpipe mounting bracket with new owner supplied p/n 22-6200045. Work done in accordance with Tornado Alley Component manual 22-640006 dated August 11, 2011 Revision F.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station under WO# 13-2717  
Hobbs time: 810.7 Tach time: 660.0

Authorized Signature

AirQuest Aviation  
485 Airport Rd  
Butler, PA 16002  
CRS # Q3ER924K

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