Life Limited Parts SR22			
PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N 07Ø3	Ø8/14
CAPS Parachute	20331-001	S/N Ø1518	1Ø/14
CAPS Reefing Line Cutters	5212	T0504G LOT ØØ2-Ø22	NOV. 2017 ~~Ø8/1Ø~~
ELT Batteries	MN1300	Date Installed 11/Ø4	~~11/05~~ 03/11

LOT 1RLØ611

CAPS Parachute	S/N 01332R1	Sept 2024
Caps Rocket Motor	S/N 0651	Sept 2024
CAPS Reefing Line Cutters		

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

TESTED TO 18,000 **FEET ON** 12/1/04.

Transponder: Mfg Garmin P/N 13587-050
Model: GTX-327 S/N 83718635.

Encoder: Model ACK P/N A-30 S/N 92800.

Altimeter: Mfg Avidyne
(PFD) 15222-001 S/N 21022434.
Mfg United P/N 12731-002 S/N 441801.

43 CDC

CDC Quality Assurance on 12/01/04.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

12-09-04	5.2Hrs

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 12 / 09 / 04.
The next inspection is due 12 / 31 / 05.

Timothy L. Bonderer

TIMOTHY L. BONDERER
DMIR410074CE

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 AIR
09 Dec 04	5.2 Hrs	Production Flight Test accomplished in accordance with Cirrus Procedure #90502. Name: Brett Schelde Date 09 Dec 04 Signature:  Title: Production Flight Test Pilot

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
2697-12-2004



Cirrus Design Factory Service Center

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

DATE: 12/14/2004
A/C TSN:
HOBBS: 5.9

Airframe Entries

(1) Adjusted radio rack stack and bolster interior trim panel for better fit and finish I.A.W. Cirrus SR22 A.M.M. 25-10.... (2) Cleaned PFD and MFD screens and bezels I.A.W. Cirrus SR22 A.M.M. 12-20.... (3) Cleaned fuel stain off of left wing NACA vent, IAW Cirrus SR22 AMM 12-20.... (4) Tightened R/H wing tiedown ring I.A.W. 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: 12/14/2004

SIGNED:

Karl Hagglund
Certified Repair Station No. YD5R855Y

Work Order: 2697-12-2004

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
2721-12-2004

Cirrus Design Factory Service Center

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

DATE: 12/17/2004
A/C TSN:
HOBBS: 16.4

Airframe Entries

(1) Removed and replaced center bolster trim with new IAW CDC SR22 MM 25-10.... (2) Removed and replaced left door lower Rod End PN ML34-14M, IAW CDC SR22 MM 52-10.... (3) Resecured pilots map pouch IAW CDC SR22 MM 25-10.... (4) Touched up paint chip on LH wing IAW CDC SR22 MM 51-30.

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: 12/17/2004 SIGNED:

Work Order: 2721-12-2004

Mitch Knase
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
2724-12-2004

Cirrus Design Factory Service Center

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

DATE: 12/17/2004
A/C TSN:
HOBBS: 16.4

Airframe Entries

(2) Repainted left wing inboard leading edge, IAW CDC SR22 AMM 51-30.

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: 12/17/2004

SIGNED:

Jim Samargia
Certified Repair Station No. YD5R855Y

Work Order: 2724-12-2004

Printed by EBis 3 (datcomedia.com)

Airframe Log

Midwest Corporate Aviation.

N#: 881WD S/N: 1215

Date: 2-20-2005 HM: 160.3 TACH:

- C/W **Avidyne S/B 601-00004-030** Removed Multi Function Display P/N 700-00004-008 S/N 21846444 installed software upgrade kit P/N 850-00013-315 Rev 4, and reinstalled. Operational check good.
- C/W **S/B 2X-22-03** Removed Primary Flight Display P/N 700-00006-000 S/N 21022434 sent to Avidyne for flight director software upgrade kit P/N 70104-001 and reinstalled. Completed autopilot wiring per S/B 2X-22-03. Ground ops check good.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 51314

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N# 881WD S/N1215

Date: 06/03/05 HM: 94.6 AFTT: 94.6

- Replaced RH/LH flap relays with new part #50288-001. Adjusted forward flap proximity sensor & rigged flap system IAW Cirrus SR22 MM, chapter 27-50. Performed operational check, no further defects noted.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22334

Randy W. Kovalich for Midwest Corporate Aviation, CRS #BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N#: 881WD S/N: 1215

Date: 06-13-2005 HM: 101.5 AFTT:

- Installed Precise Flight Semi-Portable oxygen system P/N KT 4360-A4, S/N BH0023348, IAW STC # SA01232SE, supplemented by engineering drawing list packet # 003N0000 Rev. F. Operational, flow, and leak checks good.
- Hydrostatic test date stamped into bottle: 05-26-05.
- Posted Flight Manual Supplement P/N 11934-S09 in Pilots Operating Handbook.
- Instructions for continued airworthiness may be found in the Pilots Operating Handbook.
- Weight & Balance information updated and posted in Pilots Operating Handbook.
- Ref. FAA Form 337 Dated 06-13-05.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22358

John Robert for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N#: 881WD S/N: 1215

Date: 06-16-2005 HM: 101.5 AFTT:

The following items were repaired this visit:

- Replaced LH Outbd wing fuel drain valve with new P/N 50144-001 drain. Safetied, leak & operational check good.
- Pain stain caused by fuel leak and touch up scratches. C/W by outside vendor, Planely Creative.
- Re-bonded RH wing root fairing to fuselage.

The following Service Bulletin was accomplished this visit:

- **SB 2X-57-05R1**. Removed L/H & R/H wingtips, performed inspection of aileron hinge bearings. Checked Good. Removed L/H & R/H ailerons, replaced outbd bolts with new P/N NAS6203-7H, replaced inbd bolts with new P/N NAS6203-11H and added new washers P/N MS63040-3. All parts supplied in Kit # 70105-001. Re-installed ailerons in compliance with SB 2X-57-05R1. Reinstalled wing tips. Performed operational check on L/H, R/H nav lights and strobe. Operational check good.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22357

John Roberts for Midwest Corporate Aviation, CRS# BVYR657C.

Avionics Log

Midwest Corporate Aviation.

N#: 881WD S/N: 1215

Date: 06-21-2005 HM: 104.1 AFTT:

- Troubleshot #2 Garmin not acquiring satellite. Found antennae position causing lack of acquisition. Gained access to antennae, replaced double lock adhesive. System operational check good.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 51091

John Roberts for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N#: 881WD S/N: 1215

Date: 07-28-2005 HM: 109.3 TACH:

- Installed engine driven vapor cycle air-conditioning system. Keith Products STS SA10195SC P/N 220-0100-8 S/N K14410. Removed 60 amp alternator P/N 646843 and installed new 100 amp alternator P/N 649304 S/N O05GA417. Serviced system with 3 lbs. R-134 refrigerant. Ground ran aircraft operational / leak check good. Performed static air system leak test per FAR 91.411. Installed Certification Report No. CR-220-9 Airplane Flight Manual Supplement Dated April 07, 2004 in Pilots Operating Handbook. Instructions for Continued Airworthiness are contained in the Maintenance Manual, Air-conditioning system for Cirrus Design SR-22 Document No. CR-220-10 for STC SA10195SC Rev. E Dated August 9, 2004, installed manual in aircraft. Calculated and posted new Weight & Balance in Pilots Operating Handbook. All work performed IAW Cirrus SR-22 MM, Keith products drawings: 220-0100, 0201, 0301, 0331, 0400, 0607, 0701, 0801, 0901, 0910, and AC43.13-1B. Ref. FAA Form 337 Dated July 28, 2005.
- Troubleshot source of CHT/EGT malfunction to incorrectly installed ground wire. Removed and installed new ring terminal to ground wire. Operational check good.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22397

John Roberts for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

Date: 08-18-2005 N#: 881WD S/N: 1215

ATT: Tach: HM: 122.9

- Checked autopilot pitch trim servo bridle cable tension and elevator primary cable tension. Both checked good. Adjusted elevator trim tab 2 degrees nose up.
- Ground ran engine, could not duplicate unstable engine RPM at max power,
- Removed and installed new landing light lens P/N 20179-001.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22467 .

John Roberts for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

Date: 08-23-2005	N#: 881WD	S/N: 1215
ATT: 124.1	Tach:	HM: 124.1

- Ran cirrus test procedure 34-40 Sec. 5 Functional test-Stormscope system. Operational checked good IAW 13773-001. Also ran 34-40 sec. 6 functional test. Engine run-up operational checked good IAW 13773-001.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 51167

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N # N 881WD ***S/N:1215***

Date: 09/02/2005 ***Hobbs: 124.2*** ***Acft TT: 124.2***

- *Removed Flap actuator assembly PT# 11787-402*
- *Installed new actuator assembly PT# 11787-002S*
- *Rigged flap system IAW Cirrus SR22 MM Chapter 27-50-00, Ground run of engine & operational check of system OK.*

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 22481

for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N#: 881WD S/N: 1215

Date: 09-09-2005 HM: 125.6 TACH:

- Replaced pitch servo P/N Off 0108-15-P4 S/N Off 0442-13719BCDEFH P/N on 0108-15-P4 S/N On 12521BCDEFH. Operational check good.
- Troubleshot RPM indicating system. Replaced sensor interface unit P/N A0800 S/N 1332 with repaired module P/N A0800 S/N 1655. Operational check good.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 51183

Jack Robert for Midwest Corporate Aviation, CRS# BVYR657C.

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

Invoice

Work Order: MA05-01317 **Opened:** 9/12/2005
Acct Number: (316)461-3785 **Closed:** 9/14/2005
Department: Maintenance

Sold To: Michael W Hofmann
PO Box 2256
Wichita, KS 67201

General Comments:
Warranty start date is 12-14-04.

Aircraft Number: N881WD **Type:SR22** **S/N: 1215**

Total Time: 128.4 Hobbs Time: 128.4 Tach Time: 0.0 LG Cycles:

Discrepancy: 1

Problem:
Autopilot has a pitch oscillation in climb and level flight. S-tec 55X system.

Action Taken:
Test flew a/c on 9-12-05 to check autopilot system. The pitch did oscillate in the climb and in cruise. The oscillations occurs with altitude on or off.

Discrepancy: 2

Problem:
Ordered new autopilot computer Cirrus p/n 13560-002 from Cirrus on 9-12-05.

Action Taken:
Removed unit S-TEC p/n 01192-34-61T30 s/n 0443-7471. Installed repaired unit p/n 01192-34-61T-30 s/n 0525-8435. Cirrus warranty code ATA22.11.005. Flight test is due for autopilot computer change.

Note:
This Discrepancy is covered under warranty.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
13560-002S	Autopilot System		1.00	Each		$
	S/N: 0525-8435					

Discrepancy: 3

Problem:
Flight test due for computer change. Cirrus will not pay for flight tests.

Action Taken:
Added fuel and one quart oil for aircraft flight. Test flew a/c with proper autopilot operation in heading, nav, approach, climb, altitude hold and descent.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
20W50XC	Phillips Detergent Oil		1.00	Each		$
AVGAS	AvGas		20.00	Gallon		$
FREIGHT	Freight On P/N 13560-002S		1.00	Each		$

Totals:

SubTotal:	$
Less Warranty Labor:	$
Less Warranty Parts:	$
Total Charges:	$

MAINTENANCE RELEASE

COMPONENT 55X SERIAL NO. 0525-8435

PART/MODEL NO. 01192-34-61T-30

☐ Overhaul ☒ Repair ☐ Inspected ☐ New

The aircraft appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # R43020 Date 8/24/05

Authorized Signature B Winn

PN8640

Airframe Log

N#: 881WD S/N: SR22-1215

Date: 09-19-05 HM: 132.0

- Found broken air conditioning low pressure switch electrical connector. Crimped new pin connector to wire IAW AC43.13/1B Chapter 11-100. Ground ran aircraft for ops check. No defects noted.
- Found #2 alternator light to be malfunctioning. Light came on intermittently with alternator still on line. Troubleshot to cracked alternator shear shaft. Removed discrepant shear shaft, and installed 1 ea. "new" P/N 410-227-2 shear shaft IAW Cirrus Service Bulletin 2X-24-05 and SR22 AMM Chapter 24-30. Reinstalled alternator using 1 ea. "new" P/N 653487 gasket. Ground ran aircraft for ops and leak check. No defects noted.
- Complied with SB 2X-24-05.
- Found #4 CHT to be intermittent. Troubleshot sourcr of #4 CHT malfunction to dirty cannon plug at firewall. Cleaned cannon plug with electrical cotact cleaner. Ground ran aircraft for ops check. No defects noted.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 22519

Daryl Brown for Midwest Corporate Aviation, CRS# BVYR657C.

Airframe Log

N#: 881WD Cirrus SR22 S/N: 1215
Date: 12-12-2005 ACTT:149.6 HM:149.6

Midwest Corporate Aviation.

- **C/W Annual/100Hr inspection** IAW Cirrus SR22 Maintenance Manual Inspection Guide chap 5-10, 5-20 and FAR 43appendix D.
- Compression test results #1 78/80, #2 78/80, #3 78/80, #4 77/80, #5 78/80, #6 78/80. Removed, cleaned, gapped, and rotated spark plugs. Removed cleaned, inspected and reinstalled main fuel screen. Ground ran. Leak check and ops checks satisfactory.
- C/W ELT yearly inspection. ELT inspected IAW FAR 91.207(d). Replaced batteries, **Next Battery Replacement Due Mar/ 2012.**
- Removed and replaced induction air filter PN BA-24.
- C/W monthly port fire extinguisher weight check. Extinguisher inspected IAW extinguisher labeling. No defects noted. Weight is 18.3 oz.
- **C/W Cirrus Service Bulletin 2X-24-04** Installed dual amp/volt meter adapter kit P/N 70103-001, adapter P/N 16381-001(new from cirrus).
- **C/W Cirrus Service Bulletin 2X-25-13** Grommet replacement in sun visor arm holes.
- **C/W Cirrus Service Bulletin 2X-28-04R1** Visual check of wire bundles and fuel lines, no defects noted. Installed fuel line shield kit P/N 70133-001.
- **C/W Cirrus Service Bulletin 2X-55-11** Inspected Elevator hinge shims and found all bolt holes to meet minimum edge distance requirements.
- **C/W Cirrus Service Bulletin 2X-57-06R1** Inspected flap fairings. Replaced LH inbd flap fairing, P/N 15065-004 off, kit P/N 16738-101& fairing P/N 16667-001 on, (new from cirrus).

- Tightened primer line "B" nut and removed fuel stains on LH side of engine.
- Found anti-ice "T" fitting leaking on co-pilots side under inst. Panel. Opened pinched propeller de-ice nozzle, re-positioned and re-torqued "T" compression fittings. Ops checked and leak check good.
- Replaced landing light lens cover P/N 20179-001 (new from cirrus).
- Replaced alternate air hose bracket P/N 15196-002
- Replaced defective well nuts P/N 50803-001 on both MLG wheel well fairings.
- Applied new step tread to pilots and co-pilots walk ways.
- Serviced oxygen bottle to 1850 psi Aviators Breathing Oxygen
- All routine and servicing lubrications performed.
- Ads checked thru this date, see compliance list.

I certify that this aircraft was repaired / inspected in accordance with an Annual/100 HR inspection and was found to be in an airworthy condition. Pertinent details of the maintenance are on file at this repair station under W/O # 22680, 22687

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

AIRCRAFT TIME

Airframe Log

Midwest Corporate Aviation.

N#: 881WD S/N: 1215

Date: 6-02-2006 HM: 173.6 TACH:

- **C/W Cirrus Service Bulletin 2X-32-13R1** Brake upgrade. Removed original LH and RH wheel assys, brake calipers and discs. Installed upgrade Kit # 70122-001 with new brake cylinders, linings, and discs IAW S/B 2X-32-13R1 instructions. LH and RH wheel assemblies were converted to P/N 40-406 Configuration per SB7085. Bled brakes, and serviced system. Conditioned brake linings IAW Cleveland PMR "Metallic brake conditioning procedure". Ops checked and leak checked good. Weight and Balance updated.
- **C/W Cirrus Service Bulletin 2X-32-14R1** Modification of Main Landing Gear Fairing by addition of inspection hole for brake inspection. Made inspection hole in each main fairing and Installed brake temp indicator P/N 51698-001. Work performed IAW Service Bulletin 2X-32-14R1 and Cirrus SR22 MM Chap 32-10.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 22941 &22942.

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

N#: 881WD Cirrus SR22 S/N: 1215

Date: 6-06-2006 HM: 174.3 KW

- Removed and replaced #4 CHT probe with 1 ea. new P/N 14880-001. Operational ground check satisfactory. Work done IAW Cirrus SR22 AMM 77-20-00.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 22945.

Luke Winfrey A&P 2726285 for Midwest Corporate Aviation.

Luke Winfrey

Midwest Corporate Aviation.

Airframe Log

N#: 881WD Cirrus SR22 S/N: 1215

Date: 07-25-2006 HM: 185.8

- Complied with Cirrus service bulletin 2X-71-12-R1, induction duct support bracket replacement. Removed and replaced induction duct assembly with, 1 each, new P/N 15708-002 duct assembly. Operational check satisfactory. Work done IAW Cirrus SB 2X-71-12-R1.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 23030.

_____ for Midwest Corporate Aviation CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N#: 881WD Cirrus SR22 S/N: 1215

Date: 9-27-2006 HM: 199.8

- **C/W Cirrus service bulletin 2X-52-04R1,** installation of rod catcher brackets on LH and RH cabin door lower support struts (Kit P/N 70168-001). Operational check normal. Work done IAW Cirrus SB 2X-52-04R1.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 23118.

_____ for Midwest Corporate Aviation CRS# BVYR657C.

N# 881WD S/N 1215 DATE 12/13/2006

Static Pressure System, Altimeter & Encoder Certification

I Certify that the Altimeter/Encoding and Static system test required by ***FAR 91.411 & 91.217*** *have been performed in accordance with FAR Appendix E.*
System was tested on 12/13/ 2006 to 20,000 feet.

Pertinent details of the Inspection is on file at this repair station under W/O 23220.
_____ for Midwest Corporate Aviation, CRS# BVYR657C.

ATC Transponder Certification

I certify that the ATC Transponder Inspection and Tests required by ***FAR 91.413*** *have been performed in accordance with FAR 43 Appendix F.*

Pertinent details of the Inspection are on file at this repair station under W/O 23220.
_____ for Midwest Corporate Aviation, CRS# BVYR657C.

Airframe Log

N#: 881WD Cirrus SR22 S/N: 1215
Date: 12-21-2006 ACTT: 204.8 HM: 204.8

Midwest Corporate Aviation.

- **C/W Annual inspection** IAW Cirrus SR22 Maintenance Manual Inspection Guide chap 5-10, 5-20 and FAR 43appendix D.
- ELT inspected IAW FAR 91.207(d). No defects noted. **Next Battery Replacement Due Mar/ 2012.**
- C/W annual inspection items on the Keith Air Conditioning system per Instructions for Continued Airworthiness and the Keith MM #CR-220-10 Chap 21-50-00. No defects noted.
- C/W 50HR inspection items on the Precise Flight Semi-portable Oxygen system IAW Precise flight, flight supplement #003NMAN0001Sec 9. No defects noted.
- Removed and replaced induction air filter PN BA-24.
- C/W monthly port fire extinguisher weight check. Extinguisher inspected IAW extinguisher labeling. No defects noted.
- **Replaced Anti-ice system filter** P/N 15165- 009(new from Cirrus.) **Next replacement due 12-2008.**
- **Removed and replaced #2 battery** with new P/N 18615-001 battery pack (new from Cirrus). **Next replacement due Dec 2008 or 500 hours which ever comes first.**
- C/W monthly port fire extinguisher weight check. Extinguisher inspected IAW extinguisher labeling. No defects noted. Weight is 18.2 oz.

Complied with the following Airworthiness Directives and Service Bulletins

- **C/W AD 2006-07-06 P/C/W** Fuel line shield kit P/N 70133-001 previously installed per Service Bulletin **2X-28-04R1.**
- **C/W AD 2006-19-10** Verified new style recline locks previously installed at factory IAW **Service Bulletin 2X-25-06R4** and installed new crew seat break over pins P/N 17063-002 in crew seats (kit P/N 70130-001) IAW **Service Bulletin 2X-25-17R1.**
- **C/W AD 2006-21-03** Verified Compliance with **Service Bulletin 2X-32-14R1** Modification of Main Landing Gear Fairings & temp sticker installation. Replaced caliper O-rings and verified AFM has Rev A6.

- **C/W Cirrus Service Bulletin 2X-24-06** Wiring and alternator inspection, installed kit P/N 70131-001(new from cirrus) IAW Cirrus Service Bulletin 2X-24-06 instructions.

Complied with the following maintenance

- Replaced RH fwd nav light lamp P/N 50910-001 IAW SR22 MM chap 33-40.
- Adjusted aileron trim travel as reqd and secured hardware IAW SR22 MM chap 27-10.
- Adjusted autopilot pitch trim bridle cable tension and safetied IAW SR22 MM chap 22-11.
- Adjusted idle speed and mixture IAW TCM IO-550-N OHM Chap 19. Ops checked normal. Replaced fwd and aft NLG cowl seals with P/N 20665-002 and P/N 20665-004 (new from Cirrus) IAW SR22 MM chap 71-10.
- Cleaned minor surface corrosion from battery terminals and applied electrical insulating compound IAW AC43.13-1B Chap 11.
- Replaced NLG lower bumper P/N 13703-001 IAW SR22 MM chap 32-20.
- Replaced landing light lens cover P/N 17298-001 and retainer P/N 17299-001(new from cirrus) IAW SR22 MM chap 33-40.
- Replaced LH outboard fuel sump P/N 50141-001 IAW SR22 MM chap 28-10.
- Replaced defective well nuts 2ea P/N 50802-001 & 1ea P/N 50803-001 on both MLG wheel well fairings.
- Replaced defective rivet on upper aft engine baffle IAW AC43.13-1B Chap 4 Sec 4.
- Replaced both LH & RH outboard flap fairings P/N 16738-103, both LH & RH mid flap fairings P/N 16738-102, and LH inbd fairing P/N 16738-101 IAW SR22 MM chap 57-50.
- Serviced oxygen bottle to 1850 psi Aviators Breathing Oxygen.
- All routine and servicing lubrications performed.
- Removed cleaned, inspected and reinstalled main fuel screen. Ground ran. Leak check and ops checks satisfactory.
- Ads checked thru this date, see compliance list.

I certify that this aircraft was repaired / inspected in accordance with an Annual inspectionand was found to be in an airworthy condition. Pertinent details of the maintenance are on file at this repair station under W/O # 23220&23234.

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

Midwest Corporate Aviation.

Airframe Log

N881WD Cirrus SR22 S/N: 1215

Date: 01-12-2007 HM: 214.1

- Removed and replaced R/H FWD baffle assembly with new P/N 15471-001. Work done IAW Cirrus MM 71-10-00.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 23285.

[signature] A&P 2609633 for Midwest Corporate Aviation.

Altimeter Scale Error

N# 881WD S/N 1215 DATE 12/13/2006 MODEL SR22

Altitude	Tester Altimeter Date 10/13/07	Maximum Tolerance	Pilot's Altimeter	Error + / -	Standby Altimeter	Error +/-	Pilots Encoder Error+/-	Co Pilots Encoder Error+/-
-1000		20	-1010	-10	1000	0	0	
0		20	0	0	0	0	0	
500		20	500	0	500	0	0	
1,000		20	990	-10	1000	0	0	
1,500		25	1490	-10	1500	0	0	
2,000		30	1990	-10	2000	0	0	
3,000		30	2990	-10	3000	0	0	
4,000		35	3990	-10	3990	-10	0	
6,000		40	5990	-10	5885	-15	0	
8,000		60	7990	-10	7970	-30	0	
10,000		80	9990	-10	9960	-40	0	
12,000		90	11990	-10	11965	-35	0	
14,000		100	13980	-20	13960	-40	0	
16,000		110	15990	-10	15980	-20	0	
18,000		120	17980	-20	17980	-20	0	
20,000		130	19990	-10	20000	0	0	
22,000		140						
25,000		155						
30,000		180						
35,000		205						
40,000		230						
45,000		255						
50,000		280						

Midwest Corporate Aviation.

Airframe Log

N#: 881WD Cirrus SR22 S/N: 1215

Date: 1-03-2008 HM: 224.6

- **C/W Cirrus service bulletin 2X-95-10R2**. Replacement of CAPS pick up collar support. Removed and replaced collar support P/N KIT 70181-001.Work done IAW Cirrus SB 2X-95-10R2

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed .Work performed by Cirrus design trained and authorized CAPS technician . Pertinent details of the maintenance are on file at this repair station under W/O 23866

Darrell Yelton AP 498626007IA.

Midwest Corporate Aviation.

Prop S/N: FP3338B | ***Airframe Log*** | PROP TT: 224.6

N#: 881WD | S/N: 1215

Date: 1-21-2008 | HM: 224.6 | ACTT: 224.6

- **C/W Annual inspection** IAW Cirrus SR22 Maintenance Manual Inspection Guide chap 5-10, 5-20 and FAR 43appendix D.
- **C/W Compression check**. Results are as follows: #1 70/80 #2 72/80 #3 71/80 #4 70/80 #5 70/80 #6 71/80.
- Drained engine oil. Removed oil filter, cut open and inspected for metallic particles. No defects noted. Installed new oil filter P/N CH48108-1. Serviced engine with Aeroshell 15W50 oil .Work done IAW Cirrus SR22 MM Chapter 12-00-00.
- Removed ships main battery P/N G-243 S/N G02173699. Installed new main ships battery P/N G-243 S/N G02325593. Operational check normal. Work done IAW Cirrus SR22 MM Chapter 24-30.
- **C/W SB 2X-95-10R2**. Removed and replaced with new the CAPS pick up collar support P/N 70181-001. Work was performed by a Cirrus Design trained and authorized CAPS technician and IAW Cirrus SB 2X-95-10R2.Removed R/H kick panel P/N 20337-001 and sent it to be repaired. Installed kick panel P/N 20337-001 after repair. Work done IAW Cirrus SR 22 MM Chapter 25-10.
- Cleaned and dressed Propeller leading edges. Work done IAW Cirrus SR22 MM Chapter 61-10.
- Removed and replaced the induction air filter P/N BA-24.Work done IAW Cirrus SR22 MM Chapter 12-00.

Cont. on the next page 1 of 2

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
		From Last Page 2 of 2.

- Removed and replaced with new the R/H brake caliper elbow fitting P/N MS20822-4D. Work done IAW Cirrus SR22 MM Chapter 32-42-00.
- Removed and replaced the R/H upper strut fairing well nut with new P/N 50862-001. Work done IAW Cirrus SR22 MM Chapter 57-10.
- Removed both L/H and R/H brake calipers P/N 1399-103. Removed the pistons and cleaned the brake assembly. Reinstalled the pistons with new o-rings P/N 28755-222. Reinstalled the calipers P/N 1399-103. Bled the brakes system and performed an operational check. Operational check normal. Work done IAW Cirrus SR22 MM Chapter 32-42-00.
- Removed the whiskey compass P/N NV2C-28V S/N 620201-05. Installed new compass P/N NV2C-28V S/N 705761-08. Operational check normal. Work done IAW Cirrus SR22 MM Chapter 34-00-00.
- Ads checked thru this date, see compliance list.

I certify that this Propeller was repaired / inspected in accordance with an Annual inspection and was found to be in an airworthy condition. Pertinent details of the maintenance are on file at this repair station under W/O # 23866

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

April 14, 2008	228.9	AD 2008-06-28 Verified that PDF Serial # 210 22 434 is not included in Table 2 and therefore not affected by AD PP # 2864592

Midwest Corporate Aviation.

Airframe Log

N#: 881WD S/N: 1215

Date: 3 July 2008 HM: 232.3 TACH:

- C/W **AD 2008-03-16** installation of rudder aileron/rudder kit P/N 70197-001.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O 24112.

_____ for Midwest Corporate Aviation, CRS# BVYR657C.

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Date: **01-22-2009**
Work Order: S6645, R6697
N881WD **S/N 1215**
Total Time: **250.1**
Hour Meter: **250.1**

AIRFRAME LOG

CIRRUS AIRCRAFT

Completed an Annual Inspection with reference to Cirrus Maintenance Manual P/N 13773-001 and Inspection Guide. ELT inspected and functional test accomplished **per FAR 91.207** and found satisfactory, batteries good thru **March 2012**. Cleaned minor corrosion from nose gear swing arm and repainted. Adjusted nose wheel steering tension to within specs. Repaired torn seal on upper right hand outside windscreen. Replaced battery #2 with new (2) **P/N 18615-001** next due **January 2011 or Hobbs 750.1**. Found rudder torque tube clearance out of tolerance, shimmed per Cirrus AMM. Complied with continued airworthiness instructions for Keith Air conditioner and found to be satisfactory. Complied with **AD 2008-14-13** by installation of door kit **P/N 70186-004** to both cabin doors per **SB2X-52-07R4**. **All AD's complied with thru 2008-14-13.** AD compliance list updated and placed in aircraft records. I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

Transponder #1 X #2 ___ Was Tested I/A/W The Requirements of FAR Part 91.413 & FAR Part 43 Appendix F and are approved for return to service.
WO: R6697 DATE: 01-22-2009

Altimeter(s) Pilot X Copilot ___ Standby X Encoder(s) X And Static System(s) Were Tested I/A/W FAR Part 91.411 & The Requirements Of FAR Part 43 Appendix E. The Altimeter(s) Were Tested To 20,000 ft and are approved for return to service.
WO: S6645 DATE: 01-22-2009

Authorized Signature Daniel Orpin

Daniel Orpin / CRS Release Authority

Owner INDIGO CAPITAL LLC Alt Mfg _____

Date 1-22-2009 N 881WD Alt P/N _____

Aircraft SR22 CIRRUS S/N 1215

Pilot's X Co-Pilot's ____ Encoder X

Work Order No. S6645

Altitude	Equivalent Pressure (Inches of Mercury)	Tolerance ± (feet)	
-1,000	31.018	20	-10
0	29.921	20	-10
500	20.385	20	-10
1,000	28.856	20	-15
1,500	28.335	25	-10
2,000	27.821	30	0
3,000	26.817	30	-5
4,000	25.842	35	-15
6,000	23.978	40	-10
8,000	22.225	60	0
10,000	20.577	80	0
12,000	19.029	90	-20
14,000	17.577	100	-10
16,000	16.216	110	0
18,000	14.942	120	-10
20,000	13.750	130	-20
22,000	12.636	140	
25,000	11.104	155	
30,000	8.885	180	
35,000	7.041	205	
40,000	5.538	230	
45,000	4.355	255	
50,000	3.425	280	

WELLS AIRCRAFT, INC. CRS NT2R043L

Date static system test: 1-22-2009

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 **feet on** 1-22-2009.

Encoder was tested I/A/W 91.217

David [illegible]

Authorized Signature

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Date: **03-03-2009**
Work Order: S6681
N881WD
Hobbs Meter: **253.5**

AIRFRAME LOG

CIRRUS AIRCRAFT

Replace TKS ice protection filter with new P/N 15165-009. Complied with SB2X-95-09 R1 by inspection and installation of Sheath P/N 18495-001.

Authorized Signature Justin L Richmond

Justin L Richmond / CRS Release Authority

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Date: **04-15-2009**
Work Order: S6712
N881WD
TACH:

AIRFRAME LOG

CIRRUS AIRCRAFT

Removed leaking fuel sump drain from right outboard sump position and install new sump **P/N C100191**. Tested for operation and found no leaks.

Authorized Signature

Justin L Richmond / CRS Release Authority

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Date: **07-09-2009**
Work Order: S6784
N881WD
Flight Time :
Hobbs Meter: **261.3**
Total time:

AIRFRAME LOG

CIRRUS AIRCRAFT

T/S air conditioning system and found broken wire at connector for compressor clutch. Repaired using knife connectors. Operational check of work performed was satisfactory.

Authorized Signature Justin L Richmond

Justin L Richmond / CRS Release Authority

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Date: **07-21-2009**
Work Order: S6795
N881WD
Flight Time :
Hobbs Meter: **283.1**
Total time: **283.1**

AIRFRAME LOG

CIRRUS AIRCRAFT

T/S inop blower motor for environmental system. Remove MCU and put new splice in power wire. Run up for operational check of work performed was satisfactory.

Authorized Signature

Justin L Richmond / CRS Release Authority

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Date: **08/04/2009**
Work Order: R6845
N881WD
Hobbs : **310.7**

AIRFRAME LOGBOOK

CIRRUS AIRCRAFT

Updated MFD S/N 21846444 Rev 8.0 software P/N 530-00195-110 Rev 00 per Avidyne S.B. 601-00004-092 and added CMAX per S.B. 601-00004-080. Ops check of work performed was satisfactory.

Authorized Signature

Daniel Orpin / CRS Release Authority

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Date:**12-29-2009**
Work Order: S6890, R6969
N881WD S/N 1215
Hour Meter : 409.1
TACH :
Total Time :

AIRFRAME LOG

CIRRUS AIRCRAFT

Install new puck o rings (2) P/N 51698-001 & over temp sticker P/N M83461-1-222 on RH Brake. Installed new EGT Sensor P/N 14554-001 on #2 cylinder. Cleaned #2 CHT probe and connections.

Removed EGPWS config. module P/N 700-1710-21 S/N 7879 installed P/N 700-1710-021 S/N 8793 and setup. Ops Check on ground Ok.

Authorized Signature Daniel Orpin

Daniel Orpin / CRS Release Authority

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Date: **01-27-2010**
Work Order: S6878
N881WD S/N 1215

Flight Time: **414.8**
TTSN: **414.8**

AIRFRAME LOG

Completed an Annual Inspection with reference to Cirrus Maintenance Manual **P/N 13773-001 Rev A3** and Inspection Guide. ELT inspection and function test accomplished **per FAR 91.207** and found satisfactory, batteries good to **March 2012.** Replaced both RMG brake linings with new (4) **P/N 066-06200**. Replaced nose landing gear puck assembly with updated Cirrus **P/N 13549-002**. R&R LH brake calipers, replaced piston o-rings **P/N M83461-1-222 (2).** R&R LH brake over temp indicator **P/N 51698-001.** Replaced Induction Filter **P/N BA24**. Replaced engine alternate air hose bracket **P/N 18293-001. All Cirrus Mandatory Service Bulletins are complied with to this date**. Found **AD 2009-26-01** N/A by date. **AD's complied with thru 2009-26-01.** AD compliance list updated and placed in aircraft records.

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

Authorized Signature: Daniel Orpin

Daniel Orpin / CRS Release Authority

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Date: **03-24-2010**
Work Order: S6959
N881WD S/N 1215

Flight Time: **426.9**
TTSN: **426.9**

AIRFRAME LOG

CIRRUS AIRCRAFT

R&R Nose wheel tube. Installed new **P/N 092-308-0** 5.00-5 Michelin tube, lot 28/09

Authorized Signature: Daniel Orpin

Daniel Orpin / CRS Release Authority

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Date: **05-06-2010**
Work Order: S6984
N881WD S/N 1215
Flight Time: 446.1
TTSN: 446.1

AIRFRAME LOG

CIRRUS AIRCRAFT

Removed left wheel pant. Sent to J. Fields Enterprises (PO# 01-12812) for repair and reinstalled.

Authorized Signature: _____

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Date: **06-01-2010**
Work Order: S7241
N881WD S/N 1215
Flight Time: **776.5**

AIRFRAME LOG

CIRRUS AIRCRAFT

Installed new RMLG and LMLG tires Condor/Michelin **15/6.0-6/6/120 P/N 072-449-0 S/N's L/H 9248W00186 R/H 9249W00350**. Installed new L/H wheel pant bracket **P/N 17205-001**. Ops check of work performed was satisfactory.

Authorized Signature: _____
Daniel Orpin / CRS Release Authority

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Date: **09-14-2010**
Work Order: S7064
N881WD S/N 1215

Flight Time: **459.4**
TTSN: **459.4**

AIRFRAME LOG

CIRRUS AIRCRAFT

Installed new RMLG and LMLG tires Michelin **P/N 15/6.0-6/6/120 S/N's L/H 9247W00537 R/H 9249W00334**. Ops check of work performed was satisfactory.

Authorized Signature: Daniel Orpin

Daniel Orpin / CRS Release Authority

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Date: **09-28-2010**
Work Order: S7078
N881WD
Hour Meter: 867.5

Wells Aircraft

AIRFRAME LOG

CIRRUS AIRCRAFT

Replace leaking air condition "o" rings on compressors high side **P/N ES49022-9** and low side **P/N ES49022-10,** and recharged system with R-134a refrigerant. Performed ground run leak check and determined aircraft to be in serviceable condition.

Authorized Signature John M. Bierens

John M. Bierens / CRS Release Authority

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	827-06-2011-02

4. Organization Name and Address:

Cirrus Design Factory Service Center YD5R855Y 4514 Taylor Circle Duluth, MN 55811

5. Work Order/Contract/Invoice Number: 827-06-2011

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	MCU120	16600-001S	N/A	1	00015	OVERHAULED

13. Remarks: A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE REPAIR ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5. Inspected/Tested MCU per MCU Component Maintenance Manual Doc. 15686-001 Reissue B, May 2006 and MCU120 Repair and Overhaul Batch Traveler CS FORM No. 600 Revision 8. Article is Approved for Return to Service.

NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. **The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives.**

Airworthiness Approval-Part, **This is Not an Export Approval.**

This Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.5632 and Cirrus Design Factory Service Center CRS #YD5R855Y.

*** Note: The serviced MCU 120 assembly P/N 16600-001S does not include external cables, it is the installer's responsibility to ensure the correct cables are used during installation of MCU.

14. Certifies the items identified above were manufactured in conformity to:	19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.	Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:  21. Approval/Certificate No.: YD5R855Y
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Mike Grew 23. Date (m/d/y): Jun 21, 2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

*Installer must cross-check eligibility with applicable technical data.

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Date: **09-28-2010**
Work Order: S7078
N881WD
Hour Meter: 567.5

AIRFRAME LOG

CIRRUS AIRCRAFT

Lubricated throttle and prop governor cables. Installed new Keith air-conditioner drive shaft **P/N 220-046-10 Tracking # 72234** with Assy. gasked **P/N 653487** and 2 clips **P/N MS21256-1**. Run up for leak and operational check was satisfactory.

Authorized Signature Daniel Orpin

Daniel Orpin / CRS Release Authority

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Date: **11-02-2010**
Work Order: S7111
N881WD
Hour Meter: 611.7

AIRFRAME LOG

CIRRUS AIRCRAFT

Lubricated throttle and prop governor cables. Installed doubler on R/H fwd engine baffle.

Authorized Signature _____

Daniel Orpin / CRS Release Authority

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CRS NT2R043L
(620)663-1546
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Date: **02-04-2011**
Work Order: S7147
N881WD S/N 1215

Flight Time: **681.8**
TTSN: **681.8**

AIRFRAME LOG

CIRRUS AIRCRAFT

Completed an Annual Inspection with reference to Cirrus Maintenance Manual **P/N 13773-001 Rev A3** and Inspection Guide. ELT inspection and function test accomplished **per FAR 91.207 (d)** and found satisfactory, batteries good to **March 2012.** Installed new Alt 1 Battery Adel Clamp **P/N MS21919WDG5**. Installed new Alt Air Cable Adel Clamp **P/N MS21919WDG4**. Lubed throttle & Prop Cables. Installed spiral wrap on both LH & RH brake hoses to prevent chaffing. Installed new RH & LH brake linings **P/N (8) 066-06200**. Re-attached RH Brake line stand off. Installed new LH & RH brake over temp indicators **P/N (2) 51698-001** C/W **SB2X-95-12** N/A by date. **SB2X-95-13** not due until parachute 10 year overhaul. **All Cirrus Mandatory Service Bulletins are complied with to this date.** Found **AD 2009-26-01** N/A by date. **AD's complied with thru 2009-26-01.** AD compliance list updated and placed in aircraft records.

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

Authorized Signature: _____

Daniel Orpin / CRS Release Authority

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Date: **02-28-2011**
Work Order:R7284, S7163
N881WD
Hour Meter: 688.9

AIRFRAME LOG

Removed PFD EXP5000 P/N 700-00006-000 S/N 21022434. Installed repaired PFD **P/N 700-00006-000 S/N 22516204**. Unit was setup, tested and calibrated IAW Avidyne EXP5000 installation manual P/N 600-00141-010 Rev 5. Installed new battery Gill **G-243 S/N G02482625**. Ground and flight tests were satisfactory.

Authorized Signature _____

Daniel Orpin / CRS Release Authority

N881WD R7282

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	9012117

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax: 321.751.8435)	9012117

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Primary Flight Display	700-00006-000	N/A	1	22516204	See block 13

13. Remarks:

1. *Modified in accordance with Repair manual 600-00128-004rev02 sections 1-11, and PMM Temporary Revision Sheet 605-00128-000rev10. FAA A.D. 2008-06-28 may apply with full details held within Returned Material Authorization* 9012117
2. *Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that order the component is considered ready for release to service under EASA.145.6138*
3. *This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 and 630-00129-000rev23 in accordance with 14 CFR 91.411*

14. Certifies the items identified above were manufactured in conformity to:		19. ☑ 14 CFR 43.9 Return to Service ☑ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.: 1VAR161B
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Richard Stichter	23. Date (m/d/y): Jan/28/2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **03-10-2011**
Work Order:S7174
N881WD
Hour Meter: 696.9

AIRFRAME LOG

CIRRUS AIRCRAFT

Installed new Flap up relay **P/N 50288-001**. Ops check good.

Authorized Signature

Daniel Orpin / CRS Release Authority

Cirrus SR22

Date *05/09/2011* *Reg. No.* *N881WD*

Hobbs *755.1* *Serial No.* *1215*

Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
Repair Station DGCR175D
636-537-0005

Repaired broken terminal on alternator and performed operational checks as necessary, no defects noted at this time.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 11168A.

Ned Batchelor
CRS# DGCR175D

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **06-24-2011**
Work Order: S7259
N881WD
Hobbs: 809.7

AIRFRAME LOG

Removed MCU100/110 P/N 15737-002 S/N 02547 Installed Repaired MCU 120 **P/N 16600-0015 S/N 00706**.Removed Gill G-243 Battery S/N G0248265, installed new Gill **G-243** Battery **S/N G02665752**. Installed new negative post battery boot **P/N MS25171-45**. Installed new Alternate air pivot bolt **P/N AN3-34**. Ops check of work performed was satisfactory.

Authorized Signature _____

Daniel Orpin/IA/CRS Release authority

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **07-01-2011**
Work Order: S7259
N881WD
Hobbs: 813.7

AIRFRAME LOG

CIRRUS AIRCRAFT

Removed MCU120 P/N 16600-0015 S/N 00706 Installed Repaired MCU 120 **P/N 16600-0015 S/N 00015**.Removed Gill G-243 Battery S/N G02665752, installed new Gill **G-243** Battery **S/N G02671853**. Ops check of work performed was satisfactory.

Authorized Signature _____

Daniel Orpin/IA/CRS Release authority

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	CDC 05312011-2

4. Organization Name and Address:	5. W/O / P/O / Contract / Invoice #:
Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811 PC# 338CE	110952

6. Item:	7. Description:	8. PartNumber:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MCU 120	16600-001S	N/A	1	00706	SEE BLOCK 13

13. Remarks:

Rebuilt to CDC Drawing 16600, Rev A

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 13.

15. Authorized Signature:

16. Approval/Authorization No.:

17. Name (Typed or Printed):

18. Date (m/d/y):

19. ☒ **14 CFR 43.9 Return to Service** ☐ **Other regulation specified in Block 13**

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature:

Curtis A. Felt

21. Approval/Certificate No.:

PC#338CE

22. Name (Typed or Printed):

Curtis A. Felt

23. Date (m/d/y):

May 31, 2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **07-22-2011**
Work Order: S7259
N881WD
Hobbs: 830.6

AIRFRAME LOG

CIRRUS AIRCRAFT

Removed MCU120 P/N 16600-001 S/N 00015 Installed new MCU 120 **P/N 16600-001 S/N 00769**. Ops check of work performed was satisfactory.

Authorized Signature _____

Daniel Orpin/IA/CRS Release authority

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **11-07-2011**
Work Order: S7361
N881WD S/N 1215
Hour Meter: 917.2

AIRFRAME LOG

CIRRUS AIRCRAFT

Replaced right and left main tires Michelin, 15X6.0-6/6120. **P/N 072-449-0 S/N Left 0264S00326 and Right 0776S00121**. Replace line cutters **(2) P/N 26707-001, S/N's 1333 and 1313 from Lot 1 RRL 0611, next due 11/2017**. Checked air pressure in Front Mains Operations checks complete.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature Chad J. Koelin

Chad Koelin IA/CRS Release Authority

1. Approving competent Authority/Country
Autorité Compétente/Pays
DIRECTION GENERALE
DE L'AVIATION CIVILE
FRANCE

2.

AUTHORISED RELEASE CERTIFICATE

Certificat Libératoire Autorisé

EASA FORM 1

Formulaire 1 de l'EASA

3. Form Tracking Number
N° de repère du Formulaire
10 / 28949 / NKE / N / B

MICHELIN

4. Approved Organisation Name and Address
Nom et Adresse de l'Organisme agréé
MICHELIN LPAV- Place des Carmes-Déchaux 63040 CLERMONT FERRAND CEDEX 9
Factory: Michelin Siam Company, Ltd 57 Moo6 Nong-plakradee Road, Nong-plamore, NONG KHAE, Saraburi Thailand

5. Work Order / Contract / Invoice
Bon de commande / Contrat / facture
N/A

6. Item *Item*	7. Description/*Description*	8. Part No/*N° de pièce*	9. Eligibility*/ *Admissibilité**	10. Qty / *Qté*	11. Serial / Batch No *N° série / Lot*	12. Status / Work *Etat / Travaux*
N/A	15X6.0-6/6/120	P/N 072-449-0	QAC/TSO/JTSO/ETSO article	1	0076S00121	MANUFACTURED

13. Remarks
Remarques
Norme(s) : TSOC62, ETSOC62
ETSOC62 Approval number: EASA.21O.849

"This document has been issued according to an approved computer generated signature procedure"
"Ce document a été émis selon une procédure approuvée de signature électronique"

14. Certifies that the items identified above were manufactured in conformity to :
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :

■ approved design data and are in condition for safe operation
données de conception *approuvées et sont en état de fonctionner en toute sécurité.*

☐ non-approved design data specified in block 13
données de conception *non approuvées spécifiées dans la case 13*

19. ☐ Part - 145.A.50 Release to Service
Approbation pour remise en service Selon Partie 145.A.50

☐ Other regulation specified in block 13
Autre réglementation précisée en case 13

Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.
Certifie que, sauf indication contraire spécifiée en case 13, les travaux identifiés en case 12 et décrits en case 13 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, la(les) pièce(s) est (sont) considérée(s) prêtes à la remise en service.

15. Authorised Signature
Signature autorisée

THITI TEWIT
Quality Assurance
QA NKE - NO 05
Authorized

17. Name/***Nom***

16. Approval / Authorisation Number
Numéro d'agrément / d'autorisation
FR.21G.0100

18. Date (d/m/y)/ ***Date (j/m/a)***
26/MAR./2010

20. Authorised Signature
Signature autorisée

22. Name/***Nom***

21. Certificate / Approval Ref. No
N° de certificat / d'agrément

23. Date (d/m/y)/ ***Date (j/m/a)***

EASA Form 1 - Issue 1 / Formulaire 1 de l'EASA - *Edition 1*

(*) Installer must cross-check eligibility with applicable technical data.(*) *L'installateur doit vérifier l'admissibilité avec les données techniques applicables*

USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur

Note :

1. It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly.
Il est important de comprendre que de part son existence, ce document ne constitue pas forcément l'autorisation d'installer la pièce/l'élément/l'ensemble.

2. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
Quand l'utilisateur/installateur travaille selon la réglementation nationale d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les pièces/composants/ensembles libérés par l'autorité de navigabilité mentionnée dans la case 1.

3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record shall contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.
Les indications portées des cases 14 et 19 ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse décoller.

1.	2.	3.
DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE	**AUTHORISED RELEASE CERTIFICATE** ***Certificat Libératoire Autorisé*** **EASA FORM 1** ***Formulaire 1 de l'EASA***	Form Tracking Number ***N° de repère du Formulaire*** 10 / 96711 / NKE / N / B

4. Organisation Name and Address : ***Nom et Adresse de l'Organisme :***	5. Work Order / Contract / Invoice ***Bon de commande / Contrat / Fa***
MICHELIN LPAV 63040 CLERMONT-FERRAND CEDEX 9 **FRANCE**	0264S00326

6. Item / *Item*	7. Description / *Description*	8. Part No. / *N° de pièce*	9. Qty / *Qté*	10. Serial No. / *N° série*	11. Status / Work / *Etat / Travaux*
N/A	15X6.0-6/6/120	072-449-0	1	0264S00326	NEW

12. Remarks
Remarques

Norme(s) : TSOC62, ETSOC62
ETSOC62 Approval number: EASA.21O.849

'This document has been issued according to an approved computer generated signature procedure'
'Ce document a été émis selon une procédure approuvée de signature électronique'

13a Certifies that the items identified above were manufactured in conformity to :
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :

☒ approved design data and are in a condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité

☐ non-approved design data specified in block 12
données de conception non approuvées spécifiées dans la case 12

14a. ☐ Part 145.A.50 Release to Service
Approbation pour remise en service Selon Partie 145.A.50

☐ Other regulation specified in block 12
Autre réglementation précisée en cas

Certifies that unless otherwise specified in block 12. the work identified in block 11 and described in 12. was accomplished in accordance with Part 145 and in respect to that work the items are consi ready for release to service.
Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travau pièces sont considérées prêtes à la remise en service.

13b. Authorised Signature ***Signature autorisée***	13c. Approval/Authorisation Number ***Numéro d'agrément/d'autorisation***	14b. Authorised Signature ***Signature autorisée***	14c. Certificate/Approval Ref. No ***N° du Certificat/Agrément***
THITI TEWIT Quality Assurance QA NKE - NO 05 Authorized	FR.21G.0100		
13d. Name / *Nom*	13e. Date (dd mmm yyyy) / ***Date (jj mmm aaaa)***	14d. Name / *Nom*	14e. Date (dd mmm yyyy)/ ***Date (jj mmm aa***
	27 Sep 2010		

USER/INSTALLER RESPONSIBILITIES / ***Responsabilités de l'utilisateur/installateur***
This certificate does not automatically constitute authority to install the item(s).
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s)

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthine authority accepts items from the airworthiness authority specified in block 1.
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installe before the aircraft may be flown.
Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformémen règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **11-07-2011**
Work Order: R7465
N881WD S/N 1215
Hour Meter: 917.2

AIRFRAME LOG

CIRRUS AIRCRAFT

Adjusted standby altimeter down to within tolerance.

Transponder #1 **X** #2 __ was tested I/A/W the requirements of FAR Part 91.413 & FAR Part 43 Appendix F and is approved for return to service
WO: R7465 DATE: 11-07-2011

Altimeter(s) Pilot **X** Copilot __ Standby **X** Encoder(s) **X** and static system(s) were tested I/A/W the requirements of FAR Part 91.411 & FAR Part 43 Appendix E. The altimeter(s) were tested to **20,000** ft and are approved for return to service.
WO: R7465 DATE: 11-07-2011

Authorized Signature

Ron Hartwell / CRS Release Authority

Owner _____ Alt Mfg _____

Date 11-7-11 N 881WD Alt P/N _____

Aircraft Cirrus SR-22 S/N 1215

Pilot's _____ Co-Pilot's _____ Encoder _____ Standby ✓

Work Order No. R7465

Altitude	Equivalent Pressure (Inches of Mercury)	Tolerance ± (feet)	
-1,000	31.018	20	-10
0	29.921	20	-10
500	20.385	20	-10
1,000	28.856	20	-10
1,500	28.335	25	-10
2,000	27.821	30	-10
3,000	26.817	30	-10
4,000	25.842	35	-20
6,000	23.978	40	-30
8,000	22.225	60	-40
10,000	20.577	80	-40
12,000	19.029	90	-45
14,000	17.577	100	-35
16,000	16.216	110	-25
18,000	14.942	120	-15
20,000	13.750	130	+10
22,000	12.636	140	
25,000	11.104	155	
30,000	8.885	180	
35,000	7.041	205	
40,000	5.538	230	
45,000	4.355	255	
50,000	3.425	280	

WELLS AIRCRAFT, INC. CRS NT2R043L

Date static system test: 11-7-11

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 feet on 11-7-11.

Encoder was tested I/AW 91.217

Authorized Signature

Owner _____ Alt Mfg _____

Date 11-7-11 N 881WD Alt P/N _____

Aircraft Cirrus SR-22 S/N 1215

Pilot's ✓ Co-Pilot's _____ Encoder ✓

Work Order No. R7465

Altitude	Equivalent Pressure (Inches of Mercury)	Tolerance ± (feet)	
-1,000	31.018	20	-15
0	29.921	20	-15
500	20.385	20	-15
1,000	28.856	20	-15
1,500	28.335	25	-15
2,000	27.821	30	-15
3,000	26.817	30	-15
4,000	25.842	35	-15
6,000	23.978	40	-15
8,000	22.225	60	-15
10,000	20.577	80	-20
12,000	19.029	90	-20
14,000	17.577	100	-20
16,000	16.216	110	-20
18,000	14.942	120	-20
20,000	13.750	130	-25
22,000	12.636	140	
25,000	11.104	155	
30,000	8.885	180	
35,000	7.041	205	
40,000	5.538	230	
45,000	4.355	255	
50,000	3.425	280	

WELLS AIRCRAFT, INC. CRS NT2R043L

Date static system test: 11-7-11

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 feet on 11-7-11.

Encoder was tested IAW 91.217

Ron Hess

Authorized Signature

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
14643-01-2012



Cirrus Design Factory Service Center

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

DATE: 3/8/2012
A/C TSN: 986.6
HOBBS: 986.6

Airframe Entries

(3) Performed Airframe Annual Inspection IAW AMM ch. 5-20, researched Airworthiness Directives through bi-weekly issue 2012-04, all AD's and mandatory service bulletins are in compliance at this time.
(13) Removed and replaced induction air filter with new IAW AMM 71-60 .
(15) Serviced Gascolator, and replaced Stat-O-Seal, P/N NAS1523-8B No discrepancys noted at this time. Work Accomplished IAW CDC AMM chapter 28-20. Performed leak check No leaks found.
(16) Inspected Battery 1 (Gill), performed Electrolyte Level Check. IAW AMM chapter 24-30. OPS check good.
(23) Performed Inspection/Check, of the Master Control Unit IAW CDC AMM 24-30. No defect noted.
(34) Inspection of parachute System, bag straps for chafing was found to be in acceptable limits for continued airworthiness IAW CDC CAPS Component Manual 95-01-01.
(36) Complied with FAR 91 207d inspection and operational check of ELT model E-01, S/N 050574, found serviceable, due each 1 year, battery replacement due March 2018.
(47) Replaced spinner baffle and baffle support angle IAW SR-22 AMM 71-00.
(51) Replaced right hand Heat Exchanger muffler P/N 14837-001, and left side Muffler P/N 14836-001 IAW CDC AMM 78-20.
(52) Replaced TKS propeller feeder lines and unions from febible line forward to propeller consisting of PNs 15388-003, 15333-004, AN832-3J, AN832-4J,51817-001,
AN924-3J, AN924-4J AND (2) NAS1149D0632KIAW SR22 AMM 30-05. OPS and leak check good.
(55) Removed and replaced R/H MLG wheel pant bracket with new, P/N 13524-002 IAW cirrus AMM chapter 32-10.
(56) Removed and replaced A/C Compressor Drive (KEITH) P/N220-0455-1; S/N OFF K14282; S/N ON K47248; IAW CDC AMM 21-50. OPS and leak check good.
(59) Lubricated prop governor and governor control cable IAW AMM chapter 61-20 and standard maintenance practices.
(61) Removed PFD, sent out to Avidyne for repair and testing reinstalled oringnal PFD P/N 15222-004 S/N22516204, and performed Magnetometer calibration IAW AMM 34-15. Functional check satisfactory.
(62) Adjusted Take off RPM in 2 full turns, IAW CDC AMM 61-20. Ops check good.
(65) Replaced the left and right side Main landing gear Brake Assembles P/N 17122-103S IAW CDC AMM 32-42. OPS leak check and brake brake in good.
(66) Disassembled MLG wheels and replaced brake rotors IAW CDC AMM 32-41 and Cleveland CMM #AWBCMM0001-6/USA.
(72) Removed and replaced both cabin door gas struts P/N 18200-003 IAW AMM chapter 52-10. OPS check good.
(77) Removed RH wing OTBD fuel panel (Pnl #RW11). Cleaned, resealed and re-installed All work Done IAW CDC AMM 57-30

Continued pg. 66 →

RVICE | SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISAPPROVING

(78) Removed and replaced the left and right MLG brake lines P/N 14445-001 and 14445-002 IAW SR-22 AMM 32-42. Leak check satisfactory.
(79) Removed and replaced the Secondary batteries P/N's 50979-001 IAW SR22 AMM 24-30. Battery 2 functional check satisfactory. Next battery change due February 2014, or Hobbs time of 1486.6
(80) Removed and replaced TKS Filter P/N 15165-009. And O-Rings P/N 15164-092, IAW CDC AMM chapter 30-05. OPS and leak check good.
(83) Replaced flexible brake Lines P/N 350-4 0184 , 350-4-0150, 50555-072, 50555-200 , at all brake location IAW AMM chapter 32-42.OPS and leak check good.
(89) Removed and replaced fire extinguisher with new P/N 12533-002 IAW cirrus AMM chapter 26-20
(91) Removed and replaced rudder/aileron interconnect shock cord P/N 12983-001 IAW AMM chapter 27-20. OPS and rigging check good.
(94) Rigged co-pilots yoke secondary aileron roll stop IAW AMM chapter 27-10. OPS check good.
(95) Replaced Induction Duct Assy P/N 15708-003 IAW CDC AMM 71-60. OPS check good.
(99) Removed and replaced rebound bumper P/N 18380-001 and installed cotter pin IAW SR-22 AMM chapter 32-20.
(100) Removed and Replaced NLG strut spindle cup P/N 11637-001 IAW CDC AMM 32-20.
(110) Rigged flap travels IAW AMM chapter 27-50. OPS check good
(111) Removed and replaced L/H MLG upper mushroom fairing bracket P/N 13522-001, IAW AMM chapter 32-10
(112) Bled brake system IAW SR-22 AMM chapter 32-42. OPS and leak check good.
(114) Replaced non-skid tape P/N 12683-003 on steps IAW SR-22 AMM chapter 53-20.
(117) Blended out minor nicks in prop spinner from TKS lines. Done IAW Hartzell Manual No 127 (61-16-27) .
(118) Removed and Replaced #6 EGT sensor (P/N 14554-001) IAW CDC SR22 MM 77-20. OPS check good.
(120) Removed and replaced standby attitude indicator p/n 13468-114, s/n off 504011194225873, s/n on 504011194228244, IAW AMM ch. 34-20 operational check good
(122) Removed and replaced Precise Flight Semi Portable oxygen bottle with new, Kit p/n OXY4001, s/n on BH0033835, s/n off BH0023348, due to 5 year hydostatic test needed for bottle removed, new bottle hydrostatic test will be due September 2016. Work done IAW Precise Flight Inspection for Continued Airworthiness
(123) Complied with Precise Flight Inspection for Continued Airworthiness Semi Portable O2.
(124) Complied with Keith Air Conditioning Inspection for Continued Airworthiness
(125) CDC pilot performed Post Annual Inspection Test Flight and autopilot calibration with satisfactory results.
(126) I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in 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.

Work Order: 14643-01-2012

DATE: 3/8/2012

SIGNED:

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
14643-01-2012



Cirrus Design Factory Service Center

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

DATE: 3/8/2012
A/C TSN: 986.6
HOBBS: 986.6

SB Entries

(46) Complied with re-occuring SB2X-32-19R2 NLG Assy Insp. and reinforcement. No cracks where noted during inspection. Performed NLG Reinforcement by installation of kit P/N 70238-001 (bolt) through fwd cross tube of NLG assy. All work accomplished IAW SB instructions.
(74) Complied with SB 2X-27-12R1 for the elimination of Control Yoke freeplay by installation of SB Kit P/N 70124-011. All work done I.A.W. SB instructions and appropriate CDC AMM sections.
(104) Complied with SB2X-53-03 by installing a new tail tie down bumper P/N 70120-001 IAW service bulletin 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: 3/8/2012 SIGNED:

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

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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.
	12-09-04 5.2 Hrs				Robert S. Powell (MFG 468)

Searched AD's through bi-weekly issue 2004-24. All AD's are in compliance at this time.

MAKE: Cirrus
MODEL: SR22-G2
S/N: 1215
REG. NO: 881WD
WORK ORDER:
14643-01-2012

Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE: 3/8/2012
A/C TSN: 986.6
HOBBS: 986.6

AD Entries

(129) Researched airworthiness directives through bi-weekly issue 2012-04, 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: 3/8/2012 SIGNED: David Ruuskanen

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

Work Order: 14643-01-2012

Printed by EBis 3 (datcomedia.com)

HOBBS 1007.4
TOTAL 1007.4
TSOH -------
DATE 6/07/2012

AIRCRAFT MAINTENANCE & REPAIR
FALCON FIELD – MESA, AZ

REG # 881WD
A/C # 22-1215

INSTALL NEW FLAP RELAYS AND FLAP CONTROL CIRCUIT CARD. OPS CHECK AND APPROVE FOR RETURN TO SERVICE.

A/P: 3207874

LANDMARK
AVIATION
14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N881WD Date: April 4, 2013 1 of 2
Model: Cirrus SR22 SN: 1215
ACTT: 1073.9 HOBBS: 1073.9
IO-550-N (42) SN: 917434 ETT: 1073.9
PHC-J3YF SN: FP3338B PTT: 1073.9

AIRFRAME LOG ENTRY

Accomplished the following 50 / 100 hour & 6 / 12 month / Annual inspection in accordance with the manufacturer's recommendations.
100 hour lubrication requirements.
12 month FAR 91.207(d) ELT system inspection, no defects noted. **ELT battery next due 12/31/2023**, remote battery due: 5/31/2017.
AD 2007-14-03 dated 8/16/2007, CAPS Pickup Collar was previously complied with by **SB 2X-95-10R2** dated 1/21/2008 @ 224.6 ACTT, No further action required.
SB 2X-05-01 dated 3/11/2009 brake indicators was previously complied with during Annual inspection.
Removed and replaced ELT battery case with new, PN: E0103. IAW ACK Technologies ELT installation & operational manual.
Removed and replaced Induction air filter with new, PN: BA24.
Rotated LH & RH MLG tires on Wheel assemblies to even wear.

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition. **W.O. C29-13-01166**

Landmark Aviation **FAA CRS# LN3R663L**

DATE	7/18/2013	**FALCON EXECUTIVE AVIATION, INC.**		**W.O. #**	SVC-4654
REG	N881WD	**4766 E. FALCON DR.**		**HOBBS**	1096.7
MODEL	SR22	**MESA, ARIZONA 85215**			
SER #	1215	**FAA APPROVED REPAIR STATION NO. X0FR185J**			

AIRFRAME LOG ENTRY

1. Installed new tube P/N 097-500-0, left main tire. Regreased wheel bearings, serviced with shop air to 62 PSI and reinstalled.
2. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: _____ CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-4654.

----------END----------

LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N881WD Date: November 21, 2013

Model: Cirrus SR22 SN: 1215

ACTT: 1118.8

AIRFRAME LOG ENTRY

Removed LH & RH main wheel and tire assemblies, replaced tubes with new p/n 097-500-0 with new. Cleaned, inspected and repacked wheel bearings with SHC100 grease. Serviced and installed assemblies.

	Tire p/n	Removed s/n	Installed s/n
LH	156E66-4	0264500326	31367564
RH	156E66-4	0076500121	31582344

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-13-01251**

Landmark Aviation **FAA CRS# LN3R663L**

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 1215
REG. NO: N881WD
WORK ORDER:
1268-04-2015

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 6/1/2015
A/C TSN:
HOBBS: 1280.1

Airframe Entries

(1) Airframe Annual Inspection... Complied with the Airframe Annual Inspection according to the Manufacturers Maintenance Manual. Serviced all wheel bearings.Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection.Inspected fire bottle.Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Installed new induction air filter. Researched SB's and complied with all applicable ADs.... (9) Brake hydraulic fluid low.... Serviced brake hydraulic reservoir as required.... (10) SB2X-27-16R2 Modification to Prevent Possible Asymmetric Flap and Flap Actuator has not been accomplished.... Complied with SB2X-27-16R2 flap actuator mod to prevent possible asymmetric flaps.... (11) TKS filter was due change on 02/2014.... Installed new serviceable TKS filter.Next change due 05-2017.Leak checked good.... (12) TKS leak under copilot floor at junction for propeller TKS line.... Installed new sealing rings at prop de ice junction block,leak check of same was good.... (13) MCU cover plate not sealed.... Sealed MCU cover plate as required.... (14) Rudder Aileron interconnect throws below limits. Rigging of interconnect bungee cable required. SB2X-27-14R3--Rudder Aileron Interconnect has not been accomplished.... Complied with SB2X-27-14R3, rudder aileron interconnect bungee rigged to service bulletin limits.... (16) Outer sleeve on landing light wiring harness is coming off at cannon plug end of harness.... Rewrapped outer sleeve of landing light wiring harness with high temp fusion tape.... (18) R/H parachute strap twisted on back side of parachute bucket.... Installed R/H parachute strap correctly.... (20) L/H and R/H yellow temperature stickers are black and require replacement.... Removed and replaced both brake yellow temp stickers.... (23) Landing light lens on cowling cracked in several areas.... Removed and replaced cracked landing light lens cover on lower cowling.... (25) Brake caliper o-rings due 5 years replacement interval.... Removed and replaced brake caliper o-rings and bled brake system IAW Cirrus MM 32-42. Next due 05/2020.... (26) Past EGT and CHT erratic readings and MFD screen freezing was troubleshot and found to be the SIU needing repaired. Both Cirrus Technical Support and Avidyne agree the SIU is the faulty part.... Removed and replaced SIU with Radiant Power repaired unit ser.#1491 work order#111729.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 6/1/2015 SIGNED:

Ryan Yenger, IA 3669633

Work Order: 1268-04-2015