

N824ZB

Logbook #1 closed

AIRCRAFT LOG
AF5-1

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	<i>Teledyne Continental Motors</i>	<i>TD-360-ES</i>	R <i>360187</i>
ENGINE			L
PROPELLER	<i>Hartzell Propeller Inc</i>	<i>PHC-531F-1RF</i>	<i>FP4758B</i>
PROPELLER			
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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.									
Life Limited Parts SR20																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">PART</th> <th style="width: 30%;">PART NUMBER</th> <th style="width: 30%;">EXPIRES</th> </tr> </thead> <tbody> <tr> <td>CAPS Parachute</td> <td>S/N 03815R1</td> <td>2/2020</td> </tr> <tr> <td>Caps Rocket Motor</td> <td>S/N 1599</td> <td>3/2020</td> </tr> </tbody> </table>								PART	PART NUMBER	EXPIRES	CAPS Parachute	S/N 03815R1	2/2020	Caps Rocket Motor	S/N 1599	3/2020
PART	PART NUMBER	EXPIRES														
CAPS Parachute	S/N 03815R1	2/2020														
Caps Rocket Motor	S/N 1599	3/2020														
CAPS Reefing Line Cutters	5212	LOT T0505L 002-031	12/2011													
ELT Batteries	MN1300	Date Installed 05/06	03/2012													
EMA Controller, AAIR	20902-001	S/N 13MARG-89	13MAR2013													
Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASECK45T 30234	3-01-13													
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASEC45T 30248	3-01-13													

1. Approving National Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 06-311967	
4. Organization Name and Address: L-3 Communications Avionics Systems, Inc. Repair Station Certificate No. NN2R037L 5353-52 nd Street S.E. Grand Rapids, Michigan 49512-9704				5. Work Order/Contract/Invoice No. 311967			
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/ Work	
1	TAS TRC497	805-10800-001	N/A	1	82201	REPAIRED	
13. Remarks: RETURN TO SERVICE Unit complies with pertinent Airworthiness Directives and Service Bulletins. Unit was inspected, tested, and meets all specification requirements of Spec. No. 012-10800-001 Rev. N Work completed on 26 Sep 06 by D. PETERSON For work details see Service Work Report # 311967							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.			
15. Authorized Signature		16. Approval/Authorization No.		20. Authorized Signature: <i>Mark Wright</i>		21. Approval/Certificate No. NN2R037L	
17. Name (Typed or printed)		18. Date (m/d/y)		22. Name (Typed or Printed) MARK WRIGHT		23. Date (m/d/y) SEPT. 26, 2006	

**Airworthiness Approval Tag
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.

CHECKED BY:
RE — CERT. NO.

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR 20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

ALTIMETER, STATIC SYSTEM, AND ALTIUDE REPORTER HAS BEEN TESTED AS REQUIRED BY FAR 91.411 AND FAR 91.217 ALL COMPONENTS TESTED AS PER FAR 43 APPENDIX E AND AC 43-6B. TESTED TO 20,000 FEET

DATE: 06/26/08

WORKORDER: 08-06-018

TOTAL TIME: 830.0

TAC TIME: 579.9

Altimeter Model: Avidyne P/N 700-00006-0000 S/N 20039196

Altimeter Model: United Instruments P/N 12731-002 S/N 453896

Encoder Model: ACK P/N A-330 S/N 101631

//////////////////////////////////////END//////////////////////////////////////

All components have been found to meet the requirements of FAR 91.411 and FAR 91.217 and is approved for return to service. Pertinent details of inspection are on file at agency under Work Order No: 08-06-018

Date: June 26, 2008

Signed:

For AvDyne AeroServices LLC CRS #Y7NR985Y



MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE SR20
 MODEL SR20-G2
 S/N 20-1674
 REG. NO: 824zb
 WORK ORDER
 6746-06-2006

Cirrus Design Factory Service Center

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

DATE: 6/22/2006
 A/C TSN 108
 HOBBS 108

Airframe Entries

(2) Replaced cam lock on lower right cowling at center line using standard maint. practices. (3) Removed MCU-130 P/N 19900-002 S/N 00496 and installed a serviced MCU-130 P/N 19900-002S S/N 00021 IAW AMM chapter 24-30. Ground run functional check satisfactory. (4) Replaced DAU P/N 16892-001, S/N off 467, S/N on 525 Done IAW CDC AMM 77-30. Ground run checks good. (5) Reseated pin #1 on connector P563 IAW AWM chapter 34-40-05. XM audio functional check satisfactory. (6) Flight test for the XM audio and the charging system satisfactory.

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

DATE: 6/22/2006

SIGNED: 
 Steve Lanthier
 Certified Repair Station No. YD5R855Y

Work Order: 6746-06-2006
 Printed by EBis 3 (datcomedia.com)

MAKE SR20
 MODEL SR20-G2
 S/N 20-1674
 REG. NO: 824zb
 WORK ORDER
 6763-06-2006

Cirrus Design Factory Service Center

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

DATE: 6/23/2006
 A/C TSN 211
 HOBBS 211

Airframe Entries

(2) Rebonded Edge of LH Wing-Root Fairing, Top-Surface and Applied Sealant IAW 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: 6/23/2006

SIGNED: 
 Ross Sarkela
 Certified Repair Station No. YD5R855Y

Work Order: 6763-06-2006
 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>AvDyne AeroServices, LLC</p> <p>MAKE: Cirrus MODEL: SR20 SERIAL NO.: 1674 REGISTRATION NO.: N824ZB</p> <p>DATE: 09/21/06 WORKORDER: 06-09-020 TOTAL TIME: 105.5 TAC TIME: 154.3</p> <ol style="list-style-type: none"> Completed a 100-Hour airframe inspection in accordance with FAR Part 43 Appendix "D". Lubricated airplane per lubrication guide. Inspected and performed an operational check of ELT in accordance with FAR 91.207d. No defects noted. Battery date 03/2012. Checked flight controls for condition, security, proper travel and rigging. No defects at present time. Removed, cleaned, inspected, repacked and reinstalled all wheel bearings. Removed, cleaned, inspected, lubed, reinstalled and readjusted tension on the nose wheel fork. Removed, serviced, charged and reinstalled battery. Removed and replaced airfilter with new PN BA-24. Serviced all tires. <p>This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 06-09-020 Date: 09/21/06</p> <p>Signed: <u><i>Leon A. Carter</i></u> 1 of 2 For AvDyne AeroServices LLC CRS #Y7NR985Y</p>	

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

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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AvDyne AeroServices, LLC

MAKE: Cirrus

DATE: 09/21/06

MODEL: SR20

WORKORDER: 06-09-020

SERIAL NO.: 1674

TOTAL TIME: 105.5

REGISTRATION NO.: N824ZB

TAC TIME: 154.3

10. Removed and replaced nose tire with new PN 30842 SN B3D42106, 5.00X5X6.
11. Serviced brake reservoir.
12. Removed, cleaned, inspected and reinstalled gascolator bowl. Check for fuel leaks, none noted.
13. Researched AD's through ATP Navigator V revision date September 7, 2006. Attached copy to Logbook.

//////////////////////////////////////**END**//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 06-09-020 Date: 09/21/06

Signed: *Lyman A. Easter* 2 of 2
For AvDyne AeroServices LLC CRS #Y7NR985Y

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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AIRWAYS, INC. 530 AIRPORT RD LITITZ, PENNSYLVANIA 17543 LOG ID# 2326 10-January-2007 WO# 5721/1 AC TT 1250.8 HOBBS 1250.8 N824ZB S/N 1674 CIRRUS SR20 250.8 250.8	Pg 1 / 1
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-ENGINE LOG ENTRY-
 DRAINED ENGINE OIL. OBTAINED SAMPLE FOR ANALYSIS. REMOVED OIL FILTER. CUT OPEN FOR INSPECTION. (NO DEBRIS FOUND) INSTALLED NEW OIL FILTER P/N CH48108-1 AND SERVICED WITH 6 QUARTS EXXON ELITE 20W50. RUN UP AND LEAK CHECK GOOD.


 SIGNED IA192603131 GEORGE NEIKENS Date 01/10/07

1/10/07
 per telephone conversation
 TT 250
 Hase 355

Airways, Inc. 530 AIRPORT RD Lititz, Pennsylvania 17543 LOG ID# 2338 09-February-2007 WO# 5736/1 REF# 5736 AC TT 384.9 HOBBS 384.9 N824ZB S/N 1674 CIRRUS SR20 GTS TACH 262.9	Pg 1 / 1
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-AIRFRAME LOG ENTRY-
 INSPECTED CABIN HEAT DISTRIBUTION SYSTEM. FOUND CABIN VENT DUCT CONTROL CABLE DISCONNECTED. INSTALLED SCREW P/N MS24693-270 AND SECURED VENT DUCT CABLE. OPERATIONAL CHECK GOOD.-END-


 SIGNED IA192603131 GEORGE NEIKENS Date 2/9/07

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MAINTENANCE RECORD F.A.R. 43.9

SERVICE	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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AvDyne AeroServices, LLC

MAKE: Cirrus

DATE: 03/30/07

MODEL: SR20

WORKORDER: 07-03-012

SERIAL NO.: 1674

TOTAL TIME: 302.5

REGISTRATION NO.: N824ZB

TAC TIME: 302.5 HM 430.2

1. Completed an Annual airframe inspection in accordance with FAR Part 43 Appendix "D".
2. ELT inspection and operational check completed per FAR part 91.207d. Battery due date March 2012.
3. Lubricated aircraft per lubrication guide.
4. Flight controls inspected per Cirrus Maintenance Manual.
5. Wheel bearings cleaned, inspected, prepacked and reinstalled.
6. Battery serviced, charged and installed.
7. Installed new induction air filter PN BA 24.
8. Installed new nose strut bridge PN 123-49-002 with the following parts 5 each PN 11879-006, 2 each PN 14020-001, 1 each PN 12937-001, 1 each PN 12938-001, 2 each PN AN970-5. Assembled per Cirrus Service Manual Chapter 32-20 page 8. Prop height at 9.5" from ground.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-03-012 Date: 03/30/07

Signed: *Sam A. Carter*
For AvDyne AeroServices LLC CRS #Y7NR985Y

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MAINTENANCE RECORD

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 04/16/07

WORKORDER: 07-04-012

TOTAL TIME: 441.4

TAC TIME: 441.4

1. Complied with Cirrus Service Bulletin SB 2X-95.09 per SB PN 18495.001, sheath installed.
2. Complied with Cirrus Service Bulletin A2X-95-10R1 CAPS Rocket per SB PN 21914-001, pick up collar and 2ea PN 21914-001 screws installed on CAPS rocket motor.
3. Installation by Cindy Harper IA 214621874 qualified on CAPS system.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-04-012
Date: 04/16/07

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 04/26/07

WORKORDER: 07-04-028

TOTAL TIME:

TAC TIME: 313.3/445.2

1. Installed new door gas strut PN 18200-003 on pilots door. Ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-04-028 Date: 04/26/07

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

ICATE NO.
RNED TO SERVIC

MAINTENANCE RECORD
F.A.R. 43.9

DATE COMPLETED

AGENCY & CERTIFICATE NO. ISSUED TO SERVICE

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 06/11/07

WORKORDER: 07-06-009

TOTAL TIME:

TAC TIME: 492.7

1. Comply with service bulletin SB=2X-27-14 rudder/aileron interconnect by installing kit PN 70187-001. Ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-06-009
Date: 06/11/07

Signed: _____

Lynn A. Eaton

For AvDyne AeroServices LLC CRS #Y7NR985Y

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 07/17/07

WORKORDER: 07-07-006

TOTAL TIME:

TAC TIME: 382.0/543.6

1. Remove and replace pilots push to talk switch PN 50339-001. Ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-07-006
Date: 07/17/07

Signed: _____

Lynn A. Eaton

For AvDyne AeroServices LLC CRS #Y7NR985Y

OR APPROVED DATA USED

AGENCY & CERTI
WORK PERFORMED/RET

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 08/02/07

WORKORDER: 07-07-022

TOTAL TIME: 545.3

TAC TIME: 383.2/545.3

12. Change both main tires install new mfg. condor PN 072-449-0(15x6.0-6/6pr). Tires left SN 7039W00395 right SN 7063W00191. Wheel nuts replaced 6ea PN MS21044N5.
13. Installed new nose tire mfg. Airhawk PN 30842 5.00x5 6pr SN B3D40207 with new wheel nuts 3ea PN MS21044N4.
14. Adjust cabin air intake valve.
15. Comply with Cirrus Service bulletin SB2X-27-14R2 dated 10 July 2007 rudder/aileron interconnect verified proper hardware on installation.
16. Complied with Cirrus service bulletin SB2X-52-07 dated 18 June 2007. Cabin door rod end replacement by installing kit PN 70186-001. Ops check okay.
17. Complied with Cirrus service bulletin SB2X-22-06 dated 9 April 2007 auto pilot disconnect by installing kit PN 70148-001. Ops check okay.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-07-022

Date: 08/02/07

Signed: _____

For AvDyne AeroServices LLC CRS #Y7NR985Y

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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AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 08/02/07

WORKORDER: 07-07-022

TOTAL TIME: 545.3

TAC TIME: 383.2/545.3

18. Check Cirrus service bulletin SB2X-78-07 heat exchanger inspection found cracked part is on backorder. Disconnect heat hose cap off heat valve install placard on heat valve.

19. Installed new left wing strobe lamp PN 36-0050705-00. Ops check okay.

20. Checked AD 2007-14-03 Cirrus CAPS failure previously complied with on 4/17/07 Cirrus SB-A2X-95-10R1 kit installed.

21. AD's researched thru ATP Navigator V dated 7/31/07.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-07-022
Date: 08/02/07

Signed: *James A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 08/22/07

WORKORDER: 07-08-029

TOTAL TIME: 559.5

TAC TIME: 391.7/559.5

1. Installed new muffler PN 20559-002 in compliance with Cirrus service bulletin SB2X-78-07 dated 13 June 2007.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-08-029

Date: 08/22/07

Signed: _____

Lynn A. Eaton
AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 03/27/09

WORKORDER: 09-03-009

TOTAL TIME: 1087.5

TAC TIME: 760.3

1. Removed and replaced left main tire. Installed tire 15x6.00x6 6PR SN 7159W00274. Assembled with new nuts PN MS21044N5. Installed and safetied axle nut.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-03-009

Date: 03/27/09

Signed: _____

Lynn A. Eaton
For AvDyne AeroServices LLC CRS #Y7NR985Y

DATE
COMPLE

8-30-07 Hobbs; 5642 SR-20GTS N 824ZB

update Avionics MFD EX-5000C From Rev. 6.1 to
Rev 6.2.1 IAW SA.07-03 & S.B. 601-00004-074.

Details on file w/ 12926



LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543

DATE 8-30-07
CERTIFICATE NO. LN7R261N
SIGNED James J. J...

E NO.
D TO SERV

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
11 June 06	6.5	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Peter J. Flynn Date <u>11 June 06</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
Jun 15 2006	6.5	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Jun 15 2006</u></p> <p>The next inspection is due <u>Jun 30 2007</u>.</p> <p><u></u></p> <p>PAUL R. SITKO DMIR-410373-CE</p>

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 11/19/07

WORKORDER: 07-11-018

TOTAL TIME: 658.8

TAC TIME: 462.3/658.8

1. Installed new right main tire PN 15x6.00-6-6ply AirTrac Tire SN A1F43207 and 15x6.0-6 Tube. Installed new wheel nuts PN MS21044N5 3ea. Assembled, inflated, reinstalled, and safetied axle nut.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-11-218
Date: 11/19/07

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/04/08

WORKORDER: 07-12-018

TOTAL TIME: 689.9

TAC TIME: 483.8/689.9

1. Completed annual inspection on airframe in accordance with Far 43 appendix "D".
2. Completed Cirrus 100hr inspection per Cirrus maintenance manual inspection guide.
3. Flight controls travel and cable tension check okay.
4. Lubricated aircraft per Cirrus maintenance manual lubrication guide.
5. ELT inspected and tested per FAR 91.207d ops check okay. ELT battery due March 2012.
6. Installed new induction filter PN BA24.
7. Brake caliper checked and resealed installed PN M8346111-222 o-ring. Bled brakes, checks okay.
8. Fuel filter checked and cleaned new seals PN MS29513-137 and PN NAS523-83 installed.
9. Complied with Cirrus SB2X-27-14R3 dated Oct 10, 2007 rudder/aileron interconnect using kit PN 70197-001. Ops check okay.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-12-018

Date: 01/04/08

Signed: _____

For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/04/08

WORKORDER: 07-12-018

TOTAL TIME: 689.9

TAC TIME: 483.8/689.9

- 10. Removed and replaced right fuel qty indicator PN 12615-002, SN 0874 off SN 0708 ref. mm 28-40. Ops check okay.
- 11. Cleaned breather line and air oil separator.
- 12. Repaired right fairing bracket mount using 2024T3.032 aluminum and CR321-4-02 rivets.
- 13. Replaced both gear fairing well nuts PN 50802-001 and PN 50803-001.
- 14. AD's researched thru ATP Navigator V ated 11/30/07.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 07-12-018

Date: 01/04/08

Signed: _____

For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/16/08

WORKORDER: 08-01-021


TOTAL TIME: 717.6

TAC TIME: 503.2/717.6

1. Replaced broken ground wire lug PN AP518642 with heat shrink TSP3BK on #1 alternator. Run up checks okay.

//////////////////////////////////////**END**//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-01-021
Date: 01/16/08

Signed: 
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/31/08

WORKORDER: 08-01-034

TOTAL TIME: 736.3

TAC TIME: 736.3/516.0

1. Installed new field control regulator PN 14605-002.
2. Installed new air oil separator PN 20537-002.
3. Adjusted over head light bulb connector.
4. Run up ops check okay.

1. Removed #1 alternator PN ES-402LP, SN G031681. Installed new alternator PN ES-4024LP (654200, SN H094571 with new mount nut PN AN363-72C. Run up checks okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-01-034
Date: 01/31/08

Signed: *Lynn A. Eats*
For AvDyne AeroServices LLC CRS #Y7NR985Y

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

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 03/13/08

WORKORDER: 08-03-017

TOTAL TIME: 778.0

TAC TIME: 543.5

1. Performed MFD set up. Reset to SR20-2 run up. Tach and fuel indicators check okay.

//////////////////////////////////////**END**//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-03-017

Date: 03/13/08

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

LIST OF INSPECTION STATUS & DISCREPANCY LIST

DATE

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 03/24/08

WORKORDER: 08-03-032

TOTAL TIME: 781.7

TAC TIME: 546.1/781.7

1. Installed new tach gen. sensor PN 12323-001 SN 1199. Run up tach checks okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-03-032
Date: 03/24/08

Signed: *Sam A. Esten*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 06/27/08

WORKORDER: 08-06-018

TOTAL TIME: 830.0

TAC TIME: 579.9/HM 830.0

1. Completed 100hr/annual inspection on aircraft in accordance with FAR 43 appendix "D".
2. Completed Cirrus SR20, 200hr and 2yr. inspection items.
3. Flight controls, travels, and cable tensions check okay.
4. Lubricated aircraft in accordance with maintenance manual lubrication guide.
5. ELT inspected and tested per FAR part 91.207D. Ops check okay. ELT battery due March 2012.
6. Brake calipers removed, cleaned, and resealed with 4ea PN M83461/1-222 o-rings 2ea temp labels installed PN 51698-001. Replaced left bleed or seat PN 081-00100 and bleeder PN 079-00300. Brakes bled. Ops check okay.
7. Installed a new induction filter PN BA24.
8. Fuel strainer removed, cleaned, and reinstalled with PN MS29513-137 and NAS1523-8B seals. No leaks noted.
9. Replaced #2 batteries 2ea PN 50979-001 due to time life change item.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-06-018
Date: 06/27/08

Signed: *Sam A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus
 MODEL: SR20
 SERIAL NO.: 1674
 REGISTRATION NO.: N824ZB

DATE: 06/27/08
 WORKORDER: 08-06-018
 TOTAL TIME: 830.0
 TAC TIME: 579.9/HM 830.0

10. Completed magnometer 24 months compass swing per Cirrus maintenance manual.
11. Relamped PN 50608-001. Co-pilots map light. Ops check okay.
12. Relamped PN 50608-001 (400) on right hand passenger reading light. Ops check okay.
13. Complied with AD2008-11-18 amend. 39-15541 dated July 7, 2008 by inspection of exhaust system and leak check of heat exchanger. Checks okay. Next due at TAT ^{679.9hrs} 930.0 *930.0 J08*
14. Complied with AD2008-06-28 amend. 39-15440 dated April 10, 2008. Inspection of Avidyne PFD. Found serial number 20039196 not affected by AD. No further action required.
15. Complied with AD2008-03-16 amend. 39-15360 dated March 11, 2008. Rudder/aileron interconnect modification, found previously complied with by Cirrus SB2X-27-14R3 dated Oct. 10, 2007 on 1/04/08. No further action required.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-06-018
 Date: 06/27/08

Signed: *Lynn A. Eaton*
 For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 06/27/08

WORKORDER: 08-06-018

TOTAL TIME: 830.0

TAC TIME: 579.9/HM 830.0

16. Complied with Cirrus service bulletin SB2X-52-07R4 cabin door rod end replacement by installation of kit 70186-005. Ops check okay.

17. Installed new nose gear fairing brackets PN 11799-008 2ea and bolt PN AN3H3A.

18. Installed new left main tire AirHawk 15x6.00-6PR SN AiF43507 with new wheel half nuts PN MS21044N5 assembled, inflate, and installed. Ops check okay.

19. Installed new right main tire AirHawk 15x6.00-6PR SN AiF43507 with new wheel half nuts PN MS21044N5 assembled, inflate, and installed. Ops check okay.

20. Installed new left and right brake lining 4ea PN 066-10500 with rivets PN 105-00200. Ops check okay.

21. Installed new thrust washer PN 50545-00 and nut PN MS17826-8 nut on nose gear fork friction set to M/M Cirrus Chapt. 32.

22. AD's researched thru ATP Navigator V dated 6/27/80.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-06-018

Date: 06/27/08

Signed: _____

For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 09/03/08

WORKORDER: 08-09-003

TOTAL TIME: 906.3

TAC TIME: 632.1

1. Removed nose wheel assy. Disassembled and reorentate tire to correct position on rim. Reassembled with new PN MS21044N4 nuts. Installed new wheel bearings 2ea cones PN 081252-629 and 2ea cups PN 08231-2-629. Installed and retorqued axle and safety. Inflate ops check okay ref. Cirrus AMM chapt. 32.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-09-003
Date: 09/03/08

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 09/24/08

WORKORDER: 08-09-023

TOTAL TIME: 932.7

TAC TIME: 652.7

1. Installed new autopilot pitch trim relay PN 50239-001. Ops check okay.

//////////////////////////////////////**END**//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-09-023
Date: 09/24/08

Signed: *Lyman A. Carter*
For AvDyne AeroServices LLC CRS #Y7NR985Y

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

DATE

[AIRCRAFT TIME]

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 10/23/08

WORKORDER: 08-10-016

TOTAL TIME: 948.3

TAC TIME: 663.4

1. Installed new pilots push to talk switch PN 50339-001. Ops check okay.
2. Removed and installed new map lights 2ea PN 50491-002. Ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-10-016

Date: 10/23/08

Signed: *Lynn A Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

inspector must cross-check eligibility with :

F.A.K. 45.1151.405

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 10/23/08

WORKORDER: 08-10-007

TOTAL TIME: 934.7

TAC TIME: 654.0

1. Removed MCU PN 19900-002 SN 00021, installed rebuilt MCU PN 19900-002S SN 00033 in accordance with Cirrus maintenance manual chapt.24-30 pages 28-35. Ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-10-007
Date: 10/23/08

Signed: *Lynn A Carter*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 11/13/08

WORKORDER: 08-11-008

TOTAL TIME: 964.6

TAC TIME: 674.6

1. Completed 100hr/annual inspection on aircraft in accordance with FAR 43 appendix "D".
2. Completed Cirrus 100hr items per Cirrus SR20 maintenance manual.
3. Flight controls travels and cable tensions check okay.
4. Lubricated aircraft per Cirrus SR20 maintenance manual.
5. ELT inspected and tested per FAR 91.207d. Ops check okay. ELT battery due March 2012.
6. Both brake calipers removed, and cleaned. Installed new o-rings PN M83461/1-222 temp stickers PN 51698-001 and bleeder screw PN 079-00300, brakes bled. Ops check and leak check okay.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-11-008

Date: 11/13/08

Signed: _____

For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 11/13/08

WORKORDER: 08-11-008

TOTAL TIME: 964.6

TAC TIME: 674.6

- 7. Fuel screen removed, cleaned, and reinstalled with new seals PN M29513-137 and PN NAS1523-8B leak check okay.
- 8. Complied with AD2008-11-18 amend 39-15541 dated July 7, 2008 by inspection of exhaust system and leak check of heat exchanger. Check okay nest due at TAT1064.4.
- 9. Complied with Cirrus service bulletin SB2X-32-18 dated July 18, 2008 inspect nose gear strut for cracks, found strut cracked. Installed new strut PN 11907-005, SN 4512(new style) using new bolts PN NAS6206-26D. Nuts AN320-6 and spacers PN 12935-001.
- 11. Installed new heat muff. Shroud PN 10869-002.
- 12. AD's researched thru ATP Navigator V dated 11/11/08.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-11-008
Date: 11/13/08

Signed: _____



For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

1. Installed new flap down relay PN 50288-001. Ops check okay ref. Cirrus maintenance manual chapt. 27-50.

DATE: 11/21/08

WORKORDER: 08-11-014

TOTAL TIME: 969.5

TAC TIME: 677.4

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 08-11-014

Date: 11/21/08

Signed: _____



For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 02/19/09

WORKORDER: 09-01-016

TOTAL TIME: 1028.8

TAC TIME: 719.1

1. Installed new #1 aircraft battery after servicing gill G-243 SN G02434632. Ops check okay.
2. Installed 2ea PN 50288-001 flap relays per Cirrus maintenance manual. Ops check okay.
3. Installed new altimeter PN 5934AD-3 (12102-001) SN 474517 off SN 453896. Leak check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-01-016
Date: 02/19/09

Signed:



For AvDyne AeroServices LLC CRS #Y7NR985Y

**CALIBRATION CARD
ALTIMETER**

P/N: 5934AD-3 C/N: A.258G S/N: 474517

Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-5	14,000	-20
0	-5	16,000	-20
500	-10	18,000	-5
1,000	0	20,000	+10
1,500	-10	22,000	+20
2,000	0	25,000	+20
3,000	0	30,000	+20
4,000	-15	35,000	-10
6,000	-15	40,000	
8,000	-20	45,000	
10,000	-35	50,000	
12,000	-35		

Date: 1-27-09 Tested By: DE Inspected By: [Signature]

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
3-10-09	HOBBS	753 2	REMOVED AND REPLACED CONNECTOR AT STARTER FOR NO START CONDITION, AIRCRAFT RAN FOR OPERATIONAL CHECK.
			<i>[Signature]</i> 3041709IA

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 04/17/09 *Airframe 1 of 2*

WORKORDER: 09-04-007

TOTAL TIME: 1104.1

TAC TIME: 772.2

1. Completed 100hr/annual inspection on airframe in accordance with FAR 43 appendix "D".
2. Completed Cirrus 100hr inspection per Cirrus maintenance manual.
3. Flight controls travels and cable tensions check okay.
4. Lubricated aircraft per Cirrus maintenance manual.
5. ELT inspected and tested per FAR 91.207D. ELT battery due Mar. 2011.
6. Installed new induction filter PN BA 24.
7. Fuel filter cleaned, inspected, and reinstalled with new seals PN MS 29513-137 and NAS1523-8B, leak check okay.
8. Brake calipers removed, cleaned, and inspected. Re-assembled with new seals PN M83461/1-222, springs PN 183-00100 bleed brakes. Ops check okay.
9. Installed new thrust washer PN 50545-0001, Nut PN MS17828-8 and cotter pin PN MS24665-300 on nose gear fork. Adjusted turn friction per Cirrus AMM. Ops check okay.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-04-007

Date: 04/17/09

Signed: *Lynn A. Ester*
 For AvDyne AeroServices LLC CRS #Y7NR985Y

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

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 04/17/09 *Air frame 3 of 2*

WORKORDER: 09-04-007

TOTAL TIME: 1104.1

TAC TIME: 772.2

10. Performed wheel alignment using 3ea PN 10492-001 shims and 2ea PN 10492-004 shims, 8ea PN MS21042-6, 1ea PN NAS1140616J washer, 3ea PN NAS6606-40 bolts, and 1ea PN 13522-001 bracket.

11. Replaced bottom latch PN 21889-001 on right cabin door. Ops check okay.

12. Installed new left main tire PN 15x6.00-6 6PR SN 7197W00326 with new wheel half nuts PN MS21044N5. Assembled, inflated, and installed.

13. Complied with AD 2008-11-18 amend 39-15541 dated July 7, 2008 exhaust fumes in cabin by pressure check of exhaust system. No defects found. Next due in 100hr or TAT 1204.1.

14. AD's researched thru ATP Navigator V dated 04/17/09.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-04-007
Date: 04/17/09

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 1833 19-June-2009 WO# 14619/1 AC TT 806.8 HOBBS 806.8
 N824ZB S/N 1674 CIRRUS DESIGN CORP. SR20

Pg 1 / 1

**** ITEM # 14619-1 CHARGING SYSTEM PROBLEMS - WARRANTY ****
 DISCREPANCY: REPAIR CHARGING SYSTEM PROBLEMS. MFD ENGINE PAGE INTERMITTENTLY DISPLAYS A 50 AMP DISCHARGE.
 ACTION: OPS CHECKED AND VERIFIED FAULT. TROUBLESHOT AND ISOLATED FAULT TO THE MCU-130. REMOVED FAULTY MCU-130, S/N 00033. INSTALLED WARRANTY REPLACEMENT MCU-130, S/N 00987. MFD ENGINE PAGE/CHARGING SYSTEM OPERATION FINAL CHECKS GOOD.

James D. Good *6/19/09*

 CRS# LN7R261N JAMES D. GOOD date

AvDyne AeroServices, LLC

MAKE: Cirrus	DATE: 07/30/09
MODEL: SR20	WORKORDER: 09-07-018
SERIAL NO.: 1674	TOTAL TIME: 1209.6
REGISTRATION NO.: N824ZB	TAC TIME: 846.9

1. Installed new fuel filter sump drain PN 50242-001. Leak check okay.
 //END//
 This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-07-018
 Date: 07/30/09

Signed: *Lynn A Eaton*

 For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

AvDyne AeroServices, LLC

MAKE: Cirrus
MODEL: SR20
SERIAL NO.: 1674
REGISTRATION NO.: N824ZB

DATE: 08/28/09
WORKORDER: 09-08-009
TOTAL TIME: 1245.9
TAC TIME: 870.0

1. Completed 100hr/annual inspection on airframe in accordance with FAR appendix "D".
2. Completed Cirrus 100hr inspection per Cirrus maintenance manual.
3. Flight controls travels and cable tensions check okay.
4. Lubricated aircraft per Cirrus maintenance manual.
5. ELT inspected and tested per FAR91.207D. ELT battery due Mar. 2012. Ops check okay.
6. Fuel filter cleaned, inspected, and reinstalled with new seals PN MS29513-137.
7. Brake calipers removed, cleaned, and inspected. Reassembled right side with new brake linings 4ea PN 066-10500, rivits 8ea PN 165-00200. Temp labels 2ea PN 51698-001 and 2ea PN 51698-003. Ops check okay.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-08-009
Date: 08/28/09

Signed: *Lynn A. Eaton*

For AvDyne AeroServices LLC CRS #Y7NR985Y

AvDyne AeroServices, LLC

MAKE: Cirrus
MODEL: SR20
SERIAL NO.: 1674
REGISTRATION NO.: N824ZB

DATE: 08/28/09
WORKORDER: 09-08-009
TOTAL TIME: 1245.9
TAC TIME: 870.0

10. Installed fuel test gauges. Run up and set fuel pressures per TCM SID97-3E. Gauges removed. Run up and leak check okay.

11. AD's researched thru ATP Navigator V dated 08/28/09

//////////////////////////////////////END//////////////////////////////////////

CONTINUED NEXT PAGE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE		
		<p>This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 09-08-009 Date: 08/28/09</p> <p>Signed: <u><i>Lynn A. Eaton</i></u> For AvDyne AeroServices LLC CRS #Y7NR985Y</p> <p style="text-align: center;">AvDyne AeroServices, LLC</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <p>MAKE: Cirrus MODEL: SR20 SERIAL NO.: 1674 REGISTRATION NO.: N824ZB</p> </td> <td style="width: 50%;"> <p>DATE: 01/27/10 <i>1 of 3 Airframe</i> WORKORDER: 10-01-010 TOTAL TIME: 1402.2 TAC TIME: 977.9</p> </td> </tr> </table> <ol style="list-style-type: none"> 1. Completed 100hr/annual inspection on airframe in accordance with FAR appendix "D". 2. Completed Cirrus 100hr inspection per Cirrus maintenance manual. 3. Flight controls travels and cable tensions check okay. 4. Lubricated aircraft per Cirrus maintenance manual. 5. ELT inspected and tested per FAR91.207D. ELT battery due Mar. 2012. Ops check okay. 6. Induction filter replaced PN BA24. 7. Main fuel filter removed, cleaned, and reinstalled using new PN NAS1523-8B and PN MS29513-137 seals. Leak check okay. 8. Complied with AD2008-11-18 amend 39-15541 dated July 7, 2008 by inspection of heat exchanger. No leaks noted. Next due in 100hr @ 1077.9. 9. Complied with Cirrus serviced bulletin SB2X-23-18R4 dated June 18, 2009 by inspection of nose landing gear upper gusset plate and attach points arms for cracks. No cracks noted. Next due at tach 1077.9. <p>This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 10-01-010 Date: 01/27/10</p> <p>Signed: <u><i>Lynn A. Eaton</i></u> For AvDyne AeroServices LLC CRS #Y7NR985Y</p>	<p>MAKE: Cirrus MODEL: SR20 SERIAL NO.: 1674 REGISTRATION NO.: N824ZB</p>	<p>DATE: 01/27/10 <i>1 of 3 Airframe</i> WORKORDER: 10-01-010 TOTAL TIME: 1402.2 TAC TIME: 977.9</p>
<p>MAKE: Cirrus MODEL: SR20 SERIAL NO.: 1674 REGISTRATION NO.: N824ZB</p>	<p>DATE: 01/27/10 <i>1 of 3 Airframe</i> WORKORDER: 10-01-010 TOTAL TIME: 1402.2 TAC TIME: 977.9</p>			

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/27/10 *2 of 3 Airframe*

WORKORDER: 10-01-010

TOTAL TIME: 1402.2

TAC TIME: 977.9

10. Removed right main tire and tube. Installed new 15x6.00-6 6pr tire retread SN 72097170 with new tube PN 5.00x5. Assembled with new wheel nuts PN MS21044N5. Inflated and installed.

11. Installed new clip PN 1364-001 with PN CR3213-4-2 rivit on right landing gear cuff.

12. Cleaned and lubed mixture cable. Ops check okay.

13. Installed new right side tail pipe PN 20556-002 with new clamp PN 20555-001, bolts 4ea PN AN3C4A, 22ea washer PN NAS1587-3, nut 4ea PN MS21045C3, bolt 3ea PN AN3C14, spring 3ea PN 50221-001, and 3ea nuts PN AN310C3.

14. Installed new nose tire PN 5.00x5 6PR SN 8026W00298 with new 5.00x5 tube. Installed 3ea PN MS21044N4. Assembled inflated and installed.

15. Installed new nose wheel cup bearing PN 08231*2-629 and cone bearing PN 08125*2-629.

16. Installed new right hand wheel pant bracket PN 11799-003 and washer PN AN960-100.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 10-01-010

Date: 01/27/10

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 01/27/10 *Sol's Airframe*

WORKORDER: 10-01-010

TOTAL TIME: 1402.2

TAC TIME: 977.9

17. Installed new left brake lining 4ea PN 066-10500 with rivits 8ea PN 105-00200.

18. AD's researched thru ATP Navigator V dated 01/27/10

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 10-01-010

Date: 01/27/10

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD

MAKE:
MODEL:
S/N:
REG NO: N824ZB
WORK ORDER
1596-01-2011

Advanced Aircraft Services

530 Airport Rd
Littiz, PA 17543
Phone: 717-735-5179

DATE 2/25/2011
A/C TSN: 1071 2
HOBBS: 1535 8

T FOR SERVICE

DATE

Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. All ADs current through 2011-04.
C/W AD 08-11-18 Heat Exchanger Inspection. C/W AD 09-05-05 PFD Error N/A by serial number C/W SB 2X-32-18 R4
NLG upper gusset plate inspection. Secured both left and right side cylinder baffle rubbers. Replaced the #1 alternator
belt. Rerouted and secured the alternate air scat duct to prevent chafing. Replaced left tail pipe support springs. Repaired
the #1 and #6 header collector bracket bolt holes and installed new hardware. Secured adel clamp for the oil temperature
sensor. Secured the battery vent to from chafing on the enviro. scat tube. Replaced Left MLG tire and tube. Replaced the
R/H brake linings. Removed and installed a new R/A interconnect bungee cord, and adjusted system for proper travel.
Installed new switch assy. for the aft overhead lamps, and a R/A aft light assembly. Retorqued left aileron input bracket.
Re-rigged the Pilot's and Copilot's door latches and pins.

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

DATE 2/25/2011

SIGNED

Richard A. Barnhart II, IA 3124994AP

Work Order: 1596-01-2011

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AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 06/17/10

WORKORDER: 10-06-004

TOTAL TIME: 1446.2

TAC TIME: 1008.8

I. Removed #6 EGT probe and installed new probe PN 16579-002 run up ops check okay.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with
current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details
of the repair are on file at agency under Work Order No.: 10-06-004

Date: 06/17/10

Signed:

For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD F.A.R. 43.11-91.409

DATE

AvDyne AeroServices, LLC

MAKE: Cirrus
MODEL: SR20
SERIAL NO.: 1674
REGISTRATION NO.: N824ZB

DATE: 06/30/10
WORKORDER: 10-06-015
TOTAL TIME: 1457.5
TAC TIME: 116.7

1. Installed new tail tie down bumper PN 16678-001.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 10-06-015
Date: 06/30/10

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

AvDyne AeroServices, LLC

MAKE: Cirrus
MODEL: SR20
SERIAL NO.: 1674
REGISTRATION NO.: N824ZB

DATE: 07/06/11 *Air frame*
WORKORDER: 11-06-012
TOTAL TIME: 1506.4
TAC TIME: 1078.2

1. Charged aircraft battery #1, aircraft charging system, Ops check good.
2. Serviced all to tire to specified pressures.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 11-06-012
Date: 07/06/11

Signed: *Lynn A. Eaton*
For AvDyne AeroServices LLC CRS #Y7NR985Y

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR20

SERIAL NO.: 1674

REGISTRATION NO.: N824ZB

DATE: 11/03/11

WORKORDER: 11-11-002

TOTAL TIME: 1580.6

TAC TIME: 1103.5

CE

1. Adjusted tire pressures per POH specs.
2. Bled RH master cylinders to LH & RH brake assy's ops check okay. Taxi check completed RH brake pedals now okay.
3. Removed nose and main wheel pants per owner request. Weight and balance change is negligible

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 11-11-002

Date: 11/03/11

Signed:



For AvDyne AeroServices LLC CRS #Y7NR985Y

