

AIRFRAME LOGS

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR 20 DATE OF MFG. Oct, 2003
SERIAL NUMBER 1367 REGISTRATION NUMBER N8152N

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
5/1/5	338	VOR	VOT + in Air	0	6/1/5	R. M. Lang
6/2/5	371.7	VOR	VOT + 0 KW	0	7-1-5	R. M. Lang
7/2/5	907	VOR	0 KW	0	8-1-5	R. M. Lang
<p> W-169 Date <u>6/4/07</u> Hobbs Serial# _____ Removed database card(s) and updated Garmin GPS with current revisions. Replaced card and performed functional check. Satisfactory. Wade Coggin, Com. Pilot 2741102 W-169 2741102 Rev 0405 </p>						
7/2/07		GPS	UPDATE	0	8/30/07	Paul [Signature]

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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HILLSBORO AVIATION

AIRFRAME LOG

N8152N

Make: Cirrus Model: SR-20, S/N: 1367

Dec, 12 2003 at 29.9 hrs ACTT. Installed Precise flight oxygen system IAW Precise flight STC#A00009CH completed 337 dated 12/11/03 and aircraft weight and balance dated 12/12/03. W.O. M2240.

Signed: *Tim Bays*

for:

Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831

END



HILLSBORO AVIATION

AIRFRAME LOG

N8152N

Manufacture: Cirrus Model: SR20 S/N: 1367

Date: Dec. 16, 2003

WO #: B2209

Hobbs: 30.5

Replaced Roll Trim Relays #638 & 639 p/n: 50288-001. Flight tested system serviceable.

Signed: *David Miller*

for:

Hillsboro Aviation FAA Approved Repair Station #LJER093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503) 648-2831

END



AIRFRAME LOG

N927PP

Make: Cirrus Model: SR-20, S/N: 1367

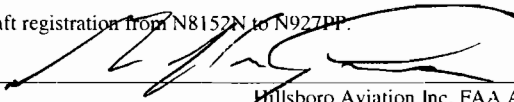
March 23, 2004

Hobbs: 121.7hrs

DATE OF
COMPLETION

CO

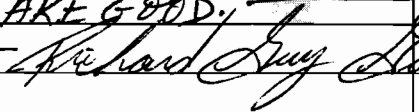
Changed aircraft registration from N8152N to N927PP.

Signed:  for:
Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831
END


04-22-04

129.3

ADJUSTED PFD PER CIRRUS DESIGN MANUFACTURING
PROCEDURES IRU AND MAG CALIBRATION. LUBED THE
PILOT AND CO-PILOT DOOR OPS CHECK IS GOOD.
INSTALLED TRIM CARTRIDGE LUBRICATION MODIFICATION
TAW SB 2X-27-08 VISUAL AND OPERATIONAL
CHECKS ARE GOOD.

 Richard Jay Lawson IA 2527434

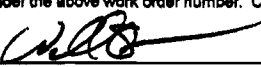
MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		MAKE: Cirrus MODEL: SR20 SN: 1397 REG. NO: 927PP WORK ORDER: 2076 Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97080 Phone: 503-666-3638	DATE: 6/22/2004 A/C TEN: 186.5 HOBBS: 186.5
		Airframe Entries (1) C/W SB 2X-76-03 Control Quadrant Installation dated 3-15-2004 by installing option kit 70060-002 IAW the SB and Maint Man. Op's check control movement and proper travels, Ok.----- (2) C/W SB 2X-55-10 Horizontal Stabilizer Inspection Hole Closeout by dated 4-30-2004, by installing covers over the horizontal stabilizer inspection holes IAW the SB and Maint Man.----- (3) Replaced the copilot's sun visor with new. Sun visor was IAW Maint Man.----- (4) Removed the glareshield and re-glued the rubber strip that was coming off the under the co-pilot's glareshield. Reinstalled the glareshield IAW the Maint Man.----- (5) Ramp-tested with engine running. Unable to duplicate problem. Reset squeech levels on cones to slightly higher levels.----- (6) Tested altitude reporting system per FAR 43, Appendix E to 20,000 feet without failure. Could not duplicate discrepancy. System met requirements of FAR 91.411.----- (8) Inspected SIU Sensor Interface Unit, p/n 200-00031-000, s/n 668. Found Cirrus Service Advisory SA 04-02, Avidyne Service Bulletin SB16, has been previously complied with by incorporation of Mod 1.----- (9) Prop governor rod end chafing on FWD baffling. Removed contact area of baffling and installed baffle seal material to prevent further chafing.	
		The aircraft and or componet identified above was repaired in accordance with current Federal Aviation Regulations. Partinet details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney	
		DATE: 6/22/2004 SIGNED:  William Farmer Certified Repair Station No. T9ZR725Y	Work Order: 2076 Printed by EBis 3 (datamedia.com)

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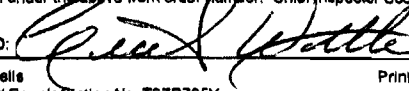
MAINTENANCE RECORD

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	DATE OF COMPLETION
	MAKE: Cirrus MODEL: SR20 SN: 1367 REG. NO: 927PP WORK ORDER: 2082	Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-686-3638	DATE: 7/18/2004 AC TSN: 194.1 HOBSB: 194.1	MAKE: Cirrus MODEL: SR20 SN: 1367 REG. NO: 927PP WORK ORDER: 2
	Airframe Entries (1) Complied with Cirrus Service Advisory SA 04-02, Avidyne Service Bulletin SB22, dated 3/9/04, on Sensor Interface Unit, p/n 200-00031-000, s/n 668. Operational check normal.----- (2) Complied with Cirrus SB 2X-34-08: Flight Environmental Data/Pitot-Static Systems, OAT Probe Ground Wire Installation.----- (3) Verified that pilot door has proper lock pin engagement with handle in full down and locked position.----- (4) Replaced connector P602. Operational check normal,----- (5) C/W SB A2X-25-08 Crew Seat Break-Over Bolt Adjustment by inspecting and adjusting break-over bolt length and reinstalling IAW SB Instructions.----- (6) Touched up paint on nose wheel pant, primed and painted area in LH inboard flap well. Touched up paint on outboard end of LH flap.----- (7) Smoothed and blended scratches in spinner and repolished.----- (8) Removed excess material in flapwell to prevent chafing on the flap while in the retracted position. Checked for clearance, Ok. Replaced inboard and middle flap hinge fairings due to cracks in the fairings. Retorqued and safled hinge bolts. Checked flaps for proper operation, Ok.----- (9) Serviced tires IAW POH.			Airframe Ent (3) Removed and secured The aircraft and details are on fi DATE: 8/22/20
	The aircraft and or componet identified above was repaired in accordance with current Federal Aviation Regulations. Partinet details ere on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney			
	DATE: 7/18/2004	SIGNED: 	Work Order: 2082	
	William Farmer Certified Repair Station No. T9ZR725Y		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	DATE OF COMPLETION
MAKE: Cirrus MODEL: SR20 S/N: 1367 REG. NO: 927PP WORK ORDER: 2188	Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-866-3638	DATE: 10/21/2004 A/C TSN: 236.6 HOBBS: 236.6		MAKE: Cirrus MODEL: SR20 S/N: 1367 REG. NO: 927PP WORK ORDER:
Airframe Entries (1) Removed Avidyne Entegra Pilot's Flight Display, p/n 700-00006-000, Rev. 21, s/n D1319, mods 1-5. Installed p/n 700-00006-000, Rev. 18, s/n D1243, mods 1-3, 10, 13, 14, rebuilt 9/18/04 by CRS PT1042NE on Work Order 8225. Tested pitot/static systems per FAR 43, Appendix E. Those systems met requirements of FAR 91.411 for non-pressurized aircraft. Initialized and programmed system. Calibrated IRU per manual p/n 800-00080-000, dated 2/10/03. System intermittently failed during magnetometer calibration. System intermittently indicated magnetometer and/or power module failure. See item 2 for corrective action.-----(2) Removed Avidyne Entegra Pilot's Flight Display, p/n 700-00006-000, Rev. 18, s/n D1243, mods 1-3, 10, 13, 14. Installed p/n 700-00006-000, Rev. 27, s/n 21082184, mod 13, retested by CRS PT1042NE on Work Order 7639. Tested pitot/static systems per FAR 43, Appendix E. Those systems met requirements of FAR 91.411 for non-pressurized aircraft. Initialized system. System powered up in a diagnostics mode. Unit could not be switched into a normal operating mode. See item 3 for corrective action.-----(3) Removed Avidyne Entegra Pilot's Flight Display, p/n 700-00006-000, Rev. 27, s/n 21082184, mod 13. Installed p/n 700-00006-000, Rev. 28, s/n 21843304, mod 0, rebuilt by CRS PT1042NE on Work Order 8198. Tested pitot/static systems per FAR 43, Appendix E. Those systems met requirements of FAR 91.411 for non-pressurized aircraft. Initialized system and calibrated IRU and magnetometer per manual p/n 800-00080-000, dated 2/10/03. System met manufacturer's performance requirements.				Airframe En (1) C/W SB : applicable to instructions. friction due to IAW AMM in Countersunk and large an at extremes LH side of numbers on The aircraft ar details are on DATE: 11/12/
The aircraft and/or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney				
DATE: 10/21/2004	SIGNED: 	Work Order: 2188		
	Cecil Wells Certified Repair Station No. T9ZR725Y	Printed by EBIS 3 (datcomeds.com)		

MAINTENANCE RECORD

MAKE Cirrus
MODEL SR20
S/N: 1367
REG. NO: 927PP
WORK ORDER: 2266

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-686-3838

DATE: 12/23/2004
A/C TSN: 256
HOBBS: 256

DATE OF COMPLETION

CERTIFICATE NO. []
[]

DATE OF COMPLETION

Airframe Entries

(2) Cleaned old anti-skid tape and adhesive from pilot step, and installed new ++++++(3) C/W Cirrus SB 2X-25-07 R1 date: 8/oct/2004. Removed old inertial reels S/N's 01AUG03-94 and 01AUG03-98, drilled holes for dual reels, primed holes, bolted new dual reels into place S/N's 19JUL04-151 and 19JUL04-108, drilled new lap belt mount holes, and installed lap belts IAW SB instructions. Checked new seat belt for proper operation, Ok. ++++++(4) C/W Cirrus SB2X-71-10 issue date: 8/oct/2004 by installing insulation sleeve over oil breather line IAW SB instructions and reinstalling hardware ++++++(5) C/W SA 04-09 aileron hinge bearing migration, date: 7 Dec 2004. Inspected aileron hinge bearings for migration out of staked positions, and found to be OK.

The aircraft and or componet identified above was repaired in accordance with current Federal Aviation Regulations. Pertinat details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 12/23/2004

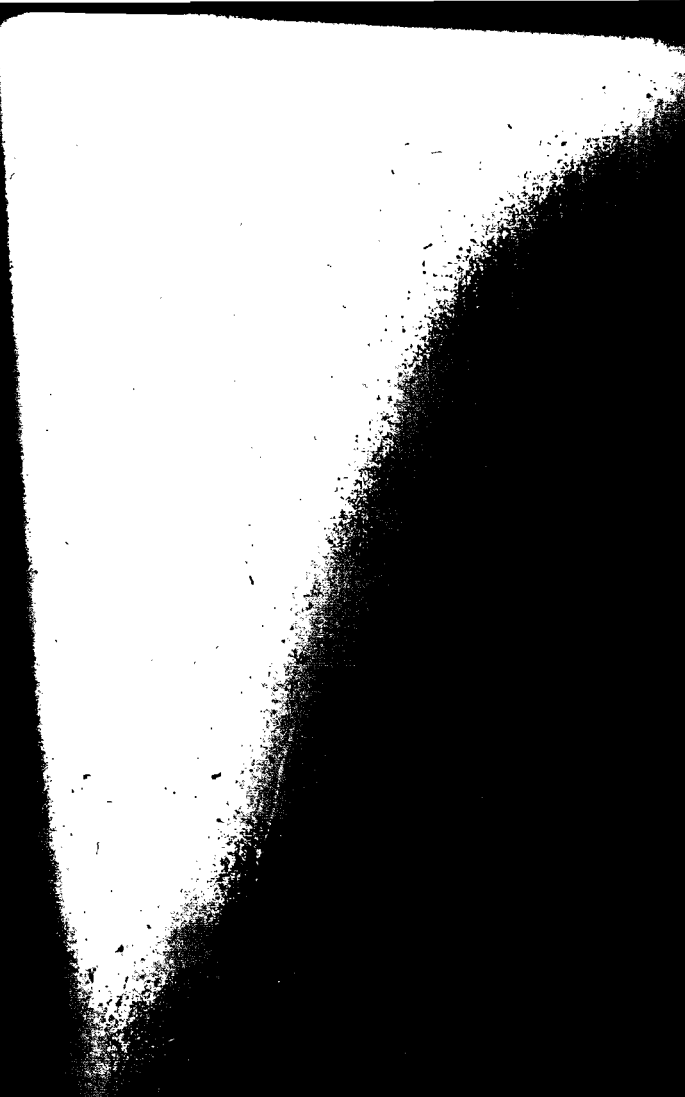
SIGNED: *William Farmer*

Work Order: 2266

William Farmer
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

DATE OF COMPLETION	CERTIFICATE NO.	DATE OF COMPLETION



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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MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N927PP
HOBBS/TACH: 416.0

MODEL/SERIAL#: 1367
A/F TOTAL TIME :

Installed a new tach generator p/n 12630-001, s/n 826. Ops check proved satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. 10332

SIGNATURE *[Signature]*

DATE: 6/24/05



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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MERCURY AIR CENTER-BHM

RS# Y4MR806Y

MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N927PP
HOBBS/TACH: 392.1

MODEL/SERIAL#: 1367
A/F TOTAL TIME :

Replaced both main tires and tubes. Relined both brakes.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W/O # 10332

SIGNATURE *Chris Smith*

DATE : 6.24.05




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
			MERCURY AIR CENTER-BHM	RS# Y4MR806Y
			MERCURY AIR CENTER-BHM	RS# Y4MR806Y
			MERCURY AIR CENTER-BHM	RS# Y4MR806Y
			REGISTRATION: <u>N927PP</u> HOBBS/TACH: <u>328.5</u> Installed an overhauled exchange #1 alternator p/n ES4024PR, s/n E120646. Installed a #1 field control module p/n 4605-001, s/n 286564. Ops check proved satisfactory.	MODEL/SERIAL#: <u>1367</u> A/F TOTAL TIME :
			THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.	
			DETAILS ON FILE W.O. # <u>10046</u>	
			SIGNATURE <u><i>Chas Smith</i></u>	DATE: <u>4/21/05</u>

MAINTENANCE RECORD

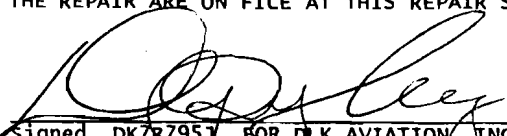
F.A.R. 43.9

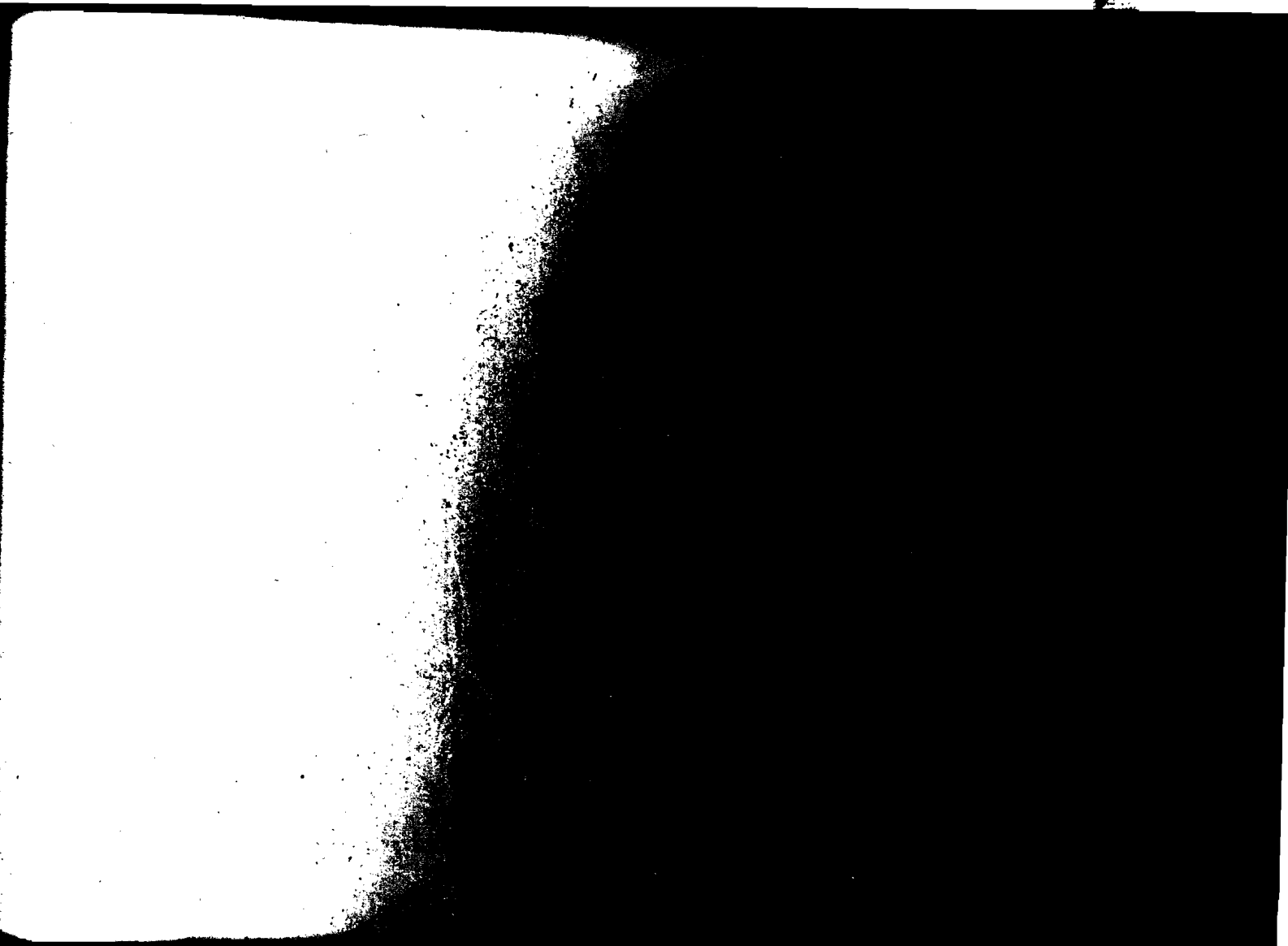
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF
9-14-05	482.2	HOBBS METER 482.2 REMOVED BRAKES	R/H MAIN WHEEL	
		FAIRING. REMOVED DAMAGED R/H BRAKE ASSEMBLY PART No. 30-239RH.		
		REPAIRED BRAKE WITH NEW CYLINDER ASSEMBLY PART No. 061-16200, NEW		
		BLEEDER SEAT P/N 081-00100 + SCREW P/N 079-00300, REPLACED		
		PISTON O-RING P/N M528775-284. SERVICED BRAKE RESERVOIR WITH		
		M5606 FLUID. BLEAD R/H & L/H BRAKES.	Samuel K. Wallace A1563483308	

 AVIATION, INC.	2601 Cessna Lane Kennesaw, GA 30144 770-427-4954	Pg 1/1
	LOG ID# 6812 30-September-2005 WO# 5533	
	N927PP S/N 1367 CIRRUS SR20	
	AC TT 494.8 HOBBS 494.8	

*** AIRCRAFT LOG BOOK ***
 INSPECTED BRAKES AND LININGS - REPLACED ALL BRAKE LININGS. REPLACED SHOCK MOUNTS P/N J-6984-8 ON LANDING LIGHT. SERVICED BATTERY. SERVICED TIRES. C/W SB 2X-28-03R1 BY INSTALLING P/N 70097-001. C/W SB 2X-57-05R1 BY INSTALLING KIT P/N 70105-001. C/W SB 2X-53-02 WITH KIT P/N 70109-001. C/W SB 2X-32-11 BY INSPECTION. AVIDYNE XM WX SATELLITE WEATHER INSTALLED BY AVIONICS WEST, WO #5596 DATED 9-30-2005. PFD CALIBRATED BY AVIONICS WEST WO #5596 DATED 9-30-2005.

MAINTENANCE RELEASE.
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


 Signed DK7R795J FOR DLK AVIATION, INC.



MAINTENANCE RECORD

F.A.R. 43.9

SERVICE	DATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO.
			MERCURY AIR CENTER-BHM	
			RS# Y4MR806Y	
			REGISTRATION: <u>N927PP</u>	MODEL/SERIAL#: <u>1367</u>
			HOBBS/TACH: <u>515.3</u>	A/F TOTAL TIME: <u>515.3</u>
			1. Completed an annual inspection IAW the Cirrus inspection guide.	
			2. Replaced one oil access door rivet.	
			3. Installed a new swpinner bulkhead and spinner p/n C-2294-5P.	
			4. Replaced the nose strut upper isolators.	
			5. Replaced the lower cowl rubber edge seals.	
			6. Replaced the #2 battery.	
			7. Replaced the left and right step anti skid pads.	
			8. C/W SB 2X-95-07 Installed CAPS placard.	
			9. C/W SB 2X-25-05R1 Installed new seat belt buckle plugs.	
			10. C/W AD 2X-32-11 Replaced the nose gear assy. Installed p/n 11907-005, s/n 1475.	
			11. AD 2005-17-19 Complied with per SB 2X 25-06R4 on 11/04 @ 235.8.	
			THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.	
			DETAILS ON FILE W.O. #10609	
			SIGNATURE <u><i>Chris Smith</i></u>	DATE <u>11/3/05</u>

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MAINTENANCE RECORD

DATE OF
COMPLETION

N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367,
HM: 661.9, WO: SH-06-0544.

E NO.
TO SERVICE

COMPLIED WITH SB 2X-32-14 R1 MAIN LANDING GEAR FAIRING MODIFICATION
FOR INSPECTION HOLE.*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED: [Signature]
TRI-STATE AERO. INC. C.R.S. AHTR102C 801 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 8/15/06

CONDITIO
CORRECT
AIRCRAFT

CONDITIO
CORRECT
PERFORM

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2006.

THE AIRCRAFT, A
REGULATIONS OF
OF THE REPAIR A

SIGNED: [Signature]
TRI-STATE

N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367,
HM: 661.9, WO: SH-06-0524.

RETORQUED AND INSTALLED NEW CASTLE NUT, TORQUED AXLE NUT IN ACCORDANCE
WITH CIRRUS DESIGN MM 32-00-00.* INSTALLED RUBBER ANTI-CHAFE TUBING AROUND
OIL DRAIN LINES AS NEEDED.* REMOVED COVER, CANNON PLUG TO PINS 8210 AND
CLEANED AND LUBED ENGINE. REMOVED ALL CURRENT SENSORS, CLEANED LUBED,
AND INSTALLED ALL SENSOR AND CANNON PLUGS.* STOP DRILLED CRACKS IN LOWER
ENGINE BAFFLING AS NEEDED.* STOP DRILLED 2 SMALL CRACKS IN LEFT SIDE ENGINE
BAFFLE.* STOP DRILLED SMALL CRACK IN RIGHT AFT ENGINE BAFFLE.* STOP DRILLED
SMALL CRACKS IN RIGHT ENGINE BAFFLE.* STOP DRILLED CRACK IN LEFT FORWARD
ENGINE BAFFLE.* STOP DRILLED CRACK ON RIGHT FORWARD ENGINE BAFFLE.*
REPLACED 3 RIVETS ON OIL COOLER BRACKET.* INSTALLED NEW SCAT TUBE ON ALT
AIR INTAKE.* INSTALLED NEW PROTECTIVE BOOT ON NEGATIVE BATTERY TERMINAL.*
REPAIRED SECONDARY ALTERNATOR FIELD WIRES AS NEEDED.*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: [Signature]
TRI-STATE AERO. INC. C.R.S. AHTR102C 801 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 10/6/06

MAINTENANCE RECORD

F A A C 12 0

SERVICE

N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367,
HM: 661.9, WO: A-06-0017.

& CERTIFICATE NO.
AED/RETURNED TO SERVICE

CONDITION: AUTOPILOT PORPOISE AND SLIGHT WING ROCK.
CORRECTIVE ACTION: COULD NOT DUPLICATE AUTOPILOT PORPOISE OR WING ROCK.
AIRCRAFT PERFORMS SATISFACTORY IN TEST FLIGHT.

CONDITION: SKYWATCH OVERHEATING.
CORRECTIVE ACTION: MONITORED SYSTEM AND FOUND NO DEFECTS. OPERATION PERFORMED GOOD.

CONDITION: UPGRADE MFD SOFTWARE.
CORRECTIVE ACTION: MFD SOFTWARE UPGRADE KIT P/N: 850-00013-315, REV. 04 AS PER AVIDYNE SERVICE BULLETINS 601-00004-030 AND 601-00004-056. THEN INSTALLED LATEST SOFTWARE UPGRADE RELEASE 6.I.

CONDITION: INSTALL PFD FLIGHT DIRECTOR KIT.
CORRECTIVE ACTION: REMOVED PFD, P/N: 700-00006-000 S/N: 1843304, SENT TO AVIDYNE FOR RELEASE 6 SOFTWARE UPGRADE. REINSTALLED SAME PFD REBUILT BY AVIDYNE F.A.A.C.R.S. PT1042NE, W/O #RA22012. INSTALLED AVIDYNE AUTOPILOT FLIGHT DIRECTOR KIT 70104-001 AS PER SERVICE BULLETIN 2X-22-03-R1 REV 22 FEB. 2006.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED: Dave Robinson
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 10-5-2006

MAINTENANCE RECORD
F.A.R. 43.9



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N927PP:

Cirrus SR20 S/N 1367 Date: 10/30/06 Hobbs: 679 TT: 679

Performed the following maintenance/ repairs: Set main wheel camber right added 2 degree positive shims, left added 1 degree positive shim. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities. none noted.

[Signature] A&P 400087835

SERVICE DATE

10 Oct 03

N927PP Date 12/15 Hobbs 687 Serial# 1367
Removed database card(s) and updated Garmin GPS
with current revisions. Replaced card and performed
functional check. Satisfactory.
Wade Coggin, Com. Pilot 2741102
[Signature]

Rev. 0612
CFF 11/23/06
12/21/06

10-15-03

INSPECTION RECORD
F.A.R. 43.11-91.409

VICE

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

00ct03

9.7

Production Flight Test accomplished in accordance with
Cirrus Production Acceptance Specification #90500.

Name: Terrance A LeSage Date: 10Oct03

Signature: *TAL*

Title: Production Flight Test Pilot

15-03

10.0 Hrs

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 10 / 15 / 03.
The next inspection is due 10 / 31 / 04.

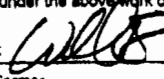
Timothy L. Bonderer

TIMOTHY L. BONDERER
DMIR410074CE

INSPECTION RECORD

F.A.R. 43.11-91.409

MERC
A I R C R A F T


DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	<p>MAKE: Cirrus MODEL: SR20 S/N: 1357 REG. NO: 927PP WORK ORDER: 2221</p>	<p style="text-align: center;">Troutdale Aircraft Services, Inc.</p> <p>Repair Station No. T9ZR725Y 1250 NW Parkwater Way Troutdale, OR 97060 Phone: 503-866-8836</p> <p style="text-align: right;">DATE: 11/18/2004 A/C TBN: 237.0 HOBBS: 237.0</p> <p>Airframe Entries</p> <p>(1) I Certify that this Airframe has been inspected for annual inspection in accordance with the Cirrus SR 20 maintenance manual and FAR 43 appendix D and was found airworthy for return to service.+++++(8) Stop drilled crack on RH front baffle above Cyl. #5. Bent baffling away from lower alternator support arm, filed smooth, and applied anti-chaff tape.+++++(9) Adjusted position of baggage door latch plate for tighter closed position and retighten hardware.+++++(10) Replaced broken aux. alternator field wire and plug with new and tied back wire.+++++(11) Tightend clamp on Prop control cable AFT of governor due to looseness.+++++(12) Tightend loose clamps on cylinder #2 and #6 induction couplers. Checked all induction clamps for tightness.+++++(13) Removed RH cabin door inside panels to gain access to door latch mechanism. Found that lower latch pin actuation rod was bent and that rod end at latch pin was orientated 90 deg. from proper position so that rod could not pivot on latch. Replaced rod with new and adjusted length IAW AMM instructions for proper engagement into door post. Tightened jam nuts, saftied clevis pins, and reinstalled interior panels on door.+++++(14) Added washer under cabin heat control valve cable end on firewall to take up slack in system.+++++(15) Tightend mixture control cable attach bolt at control lever and installed new cotter pin.+++++(16) Tightened pilot mic jack in center console.+++++(17) Replaced RH and LH brake linings with new rivets, reinstalled and saftied brake back plates.+++++(18) Tightend cabin heat control knob due to loose.+++++(19) Adjusted springs on exhaust joints to gain compression of .5" IAW mmaintenance manual.+++++(20) Repositioned and secured blast duct on RH side of rear engine baffle to prevent further chaffing on battery tray.+++++(21) C/W SB 2X-28-03 Fuel Selector Valve Extension Shaft Sleeve Installation Dated: 10/08/2004. Removed hardware holding aft edge of center console and fuel selector upper bearing, installed sleeve over shaft and reinstalled hardware measured gap at top of sleeve OK IAW SB Instructions.</p> <p>The aircraft and/or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney</p> <p>DATE: 11/18/2004 SIGNED:  Work Order: 2221</p> <p style="text-align: center;">William Farmer Certified Repair Station No. T9ZR725Y</p> <p style="text-align: right;">Printed by EBis 3 (datcomedia.com)</p>

Registration: N927PP
Serial Number:

Removed the ACK operation of controls ELT to aircraft. ELT

The aircraft component airworthy with respect

Details are on file under

Signature 
Earl S. Fenner





Mercury Air Center-Birmingham, LLC.
P.O. BOX 320159
Birmingham, Al. 35232
Ph. 205-591-6830
CRS# Y4MR806Y

ANCY LIST
PROVING AIRCRAFT FOR SERVICE

Registration: N927PP
Serial Number:

Model Number:
Hobbs Time: 515.3

Removed the ACK ELT, part no. E-01, serial no. 046575. Inspected unit for proper installation, battery corrosion, operation of controls and crash sensor, and for a sufficient signal. Battery due MAR 2010. No defects found, returned ELT to aircraft. ELT system is in compliance with FAR 91.207(d).

End

The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.

Details are on file under Mercury Air Center-BHM work order number BAV-20387

Signature

Date: October 28, 2005

Earl S. Ferguson

INSPECTION RECORD


F.A.R. 43.11-91.409

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

N927PP 12-31-05 Time: 536.1 Hour meter

Removed defective ACK A-30 digitizer S/N 86108 and replaced with new unit S/N 96984.
 Performed checks IAW FAR Part 43 Appendix E, paragraphs A and C, and Appendix F.
 Systems ramp check okay at this time. The aircraft identified was repaired in accordance
 with current Federal Aviation Administration Regulations and was found airworthy for
 return to service, with respect to work performed.

John W. [Signature] 3070433A for H&S Avionics, Inc. RS#V4HR991Y



Performed
Appendix
Windows
Upholstery
Inspection
Instrument
Pitot-Static
in accordance
alignment.
Inspection
Warning V
slippage re
Brake Syst
Brake Asse
assembly f
with AD 20
replacing c
complied v
run-up in a
around to d
WITH AN.



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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Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N927PP:



Cirrus SR20 S/N 1367 Date: 10/30/06 Hobbs: 679 TT: 679

Performed the following maintenance/ repairs: Completed Annual inspection utilizing Cirrus Maintenance Manuals and as per FAR 43.9 Appendix D. Annual inspection this date. Cabin Doors and Strike Plates Visual Inspection. Door Latches and Hinges Lubricate. Cabin Windows and Windshield Clean and Visual Inspection for cracking, crazing, and general condition. replaced left sun visor with new. Upholstery Visual Inspection for tears and fraying. Replaced multiple and incorrect interior trim fasteners. Seat Belt Inertia Reels Visual Inspection for security of brackets and bolts. Fuel Selector Visual Inspection for operation. Strobe. Landing, Navigation, Cabin, and Instrument Lights Visual Inspection for condition. Operational Inspection. Brake Master Cylinders Visual Inspection for leaks and security. Pitot-Static System Water Trap Drain and perform Visual Inspection for condition. Emergency Locator Transmitter Functional Inspection in accordance with 14 CFR 91.207 batteries dated **3/2010**. Control Systems Rigging Perform Inspection/Check for cable tension, system alignment, and security. Elevator System Rigging set cable tension. Lube control systems. Main Gear Strut, Attachments, and Bolts Visual Inspection for cracking, splintering, condition, and security. Replaced multiple missing main wheel and gear fairing fasteners. Stall Warning Water Trap Drain and perform Visual Inspection for condition. Tires Visual Inspection for cuts, uneven or excessive wear, and slippage replaced both main tires with Michelin Aviator 15x600-6. . Wheels Remove. Visual Inspection for condition. repack bearings Brake System Check brakes for proper operation. Brake Linings Perform Inspection/Check - Brake Linings, replaced all with 066-10600. Brake Assembly Perform Inspection/Check - Brake Assembly. Replace O-rings upon reassembly. Nose Gear Fork and Spindle Inspect fork assembly for cleanliness. found assembly previously greased clean assembly. replaced Teflon washer, set swing friction value. Complied with **AD 2006-07-06** by inspecting fuel line and installing kit 70133-001 as per **SB2X-28-04R1**. Complied with **AD 2006-19-10** by replacing crew seat break over pins as per **SB 2X-25-17R1** complied with **2X-53-03** by installing tail tie down bumper. Checked and complied with Airworthy Directives to date. see compliance report in aircraft records. Wash airframe, vacuum interior. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. *I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION*

 4000878351A

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST					DATE	AIRC IN
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE						
AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number	
SB2X-95-09 R1	CAPS Strap Abrasion Inspection	5/14/07 723	Inspect for chafe and Installed kit 70142-001	X			 400087835	
SBA2X-95-10R 2	CAPS Pick-up Collar Support Replacement	5/14/07 723	Installed kit 70181-002	X			 400087835	



Avtech

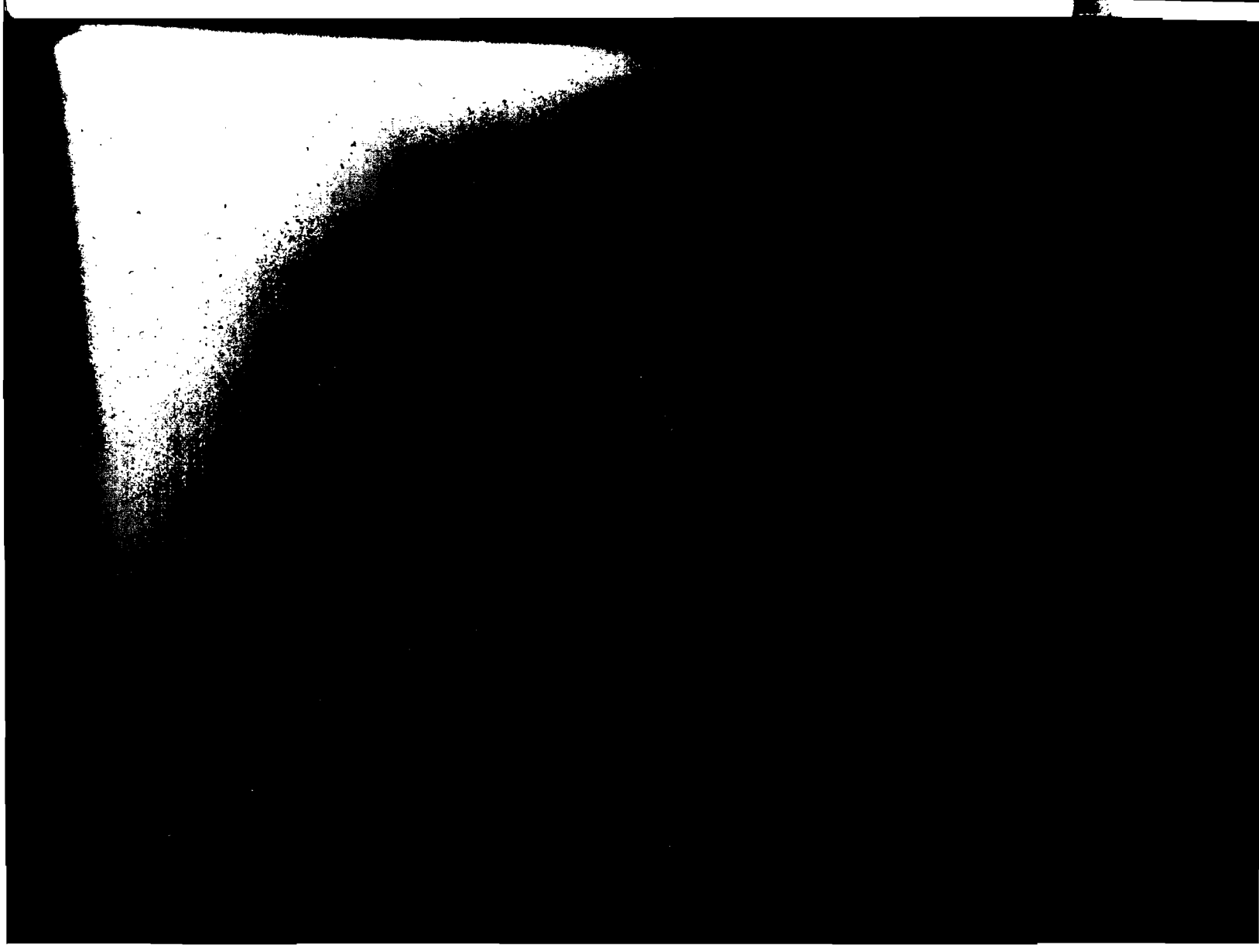
Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N927PP:

Cirrus SR20 S/N 1367 Date: 5/14/07 Hobbs: 723 TT: 723

Performed the following maintenance/repairs: Complied with SB2X-95-09R1 by inspecting strap and installing kit 70142-001 and SBA2X-95-10R2 by installing kit 70181-002.

 A&P-400087835



1. Approving National Aviation "Authority/Country:
FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

4. Organization
B & C SPECIALTY PRODUCTS INC.
123 EAST 4TH ST.
NEWTON, KS. 67114-0894

Customer: Wade Coggin
9931 Corporate Campus Dr.
Suite 2400
Louisville, KY 40223

5. Work Order, Contract, or Invoice Number:
Invoice: 060441

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Alternator	BC410-1		1	0832109	Overhaul

13. Remarks:

Item 1: Overhauled, in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator.

A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the invoice number indicated in block 5.

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.

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.

15. Authorized Signature

16. Approval/Authorization No.:

20. Authorized Signature

21. Certificate Number
ZG9R933X

17. Name (Typed or Printed)

18. Date (m/d/y):

22. Name (Typed or Printed)

23. Date

Cheryl Hedding

01-30-06

*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 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 block 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.

Approved for Release by Special Agent in Charge (SAC) of Federal Bureau of Investigation (FBI) - Memphis (Report) No. 5521

RECORDING TAG

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
2/2/06	530.1		530.1	Replaced No 2 alternator & then alt inspected IAW. current FAA Regulations & found Airworthy with respect to the work performed
2/2/06	530.2		530.2	Replaced ALT 2 Field control module checked and resealed master control unit Inspected IAW current FAA Regulations & found Airworthy with respect to the work performed.
3/14/06	551.2		551.2	Changed oil 8 qts Acastell 15w 50 replaced oil filter

YEAR:
DATE
4/14/06
5/8/06

YEAR: 06 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/15/06	642		647	Replaced Exhaust header on cylinders #1, #3, & #5 w/ parts no. 10355-003, 10353-003, 10351-002. Replaced oil pres. sensor w/ P/N 12635002. Inspected IAW current FAA regulations and found Airworthy with respect to work performed.
7/19/06	655		655	Replaced Fuel Mta/Drain line with P/N 642580 & changed oil & replaced filter, added 8 qts Aeroshell 15w-50. Inspected IAW current FAA regulations and found Airworthy with respect to work performed.

YEAR:	DATE
	7/17/07
	Dynamic respect file at th

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N927PP:

Cirrus SR20 S/N 1367 Date: 11/1/07 Hobbs: 781 TT: 781

Performed the following maintenance/repairs: Performed Annual inspection utilizing Cirrus MM and as per FAR 43.9 Appendix D. Battery Perform Electrolyte Level Check. Battery Platform, Terminals, and Cables Visual Inspection for security, corrosion, and general condition. Alternator 2 Perform Inspection/Check replaced with BC410X s/n 0342546KX. Master Control Unit Perform Inspection/Check, replaced with 14600-002S s/n 92633. Strobe, Landing, Navigation, Cabin, and Instrument Lights Visual Inspection for condition. Main Landing Gear, Brake System, Tires Visual Inspection for leaks and security, proper operation, replaced right main Michelin Aviator, replaced nose tube with Michelin Airstop. Replaced both brake caliper seals. Brake Linings Perform Inspection/Check - Brake Linings-replaced all (066-41400) Tires Inspect for proper tire pressure. Nose Gear Assembly Perform Inspection/Check disassemble clean reset tension replaced rebound bumpers and washers. Wheels Remove. Visual Inspection for condition, repack bearings. Replaced right main wheel fairing 11799-003. Replaced right main gear grommet 16937-002 and pant bracket 1179-003, right gear fairing hinge pin and upper fairing clip 12975-101. Instrument Panel Visual Inspection for security of lines and wiring. Fresh Air Outlets and Heat Outlets Visual Inspection for condition and obstruction or blockage. Flap Hinges, Hinge Bolts, Bearings, and Attachments Visual Inspection for wear, security, free play, and binding, replaced inboard flap hinge fairings. Control Systems Cable Attachments, Cables, and Pulleys Visual Inspection for security, chafing, wear, and general condition. Control System Rigging Perform Inspection/Check for cable tension, system alignment, and security. Replaced both antiskid tape on entry step. Fire Extinguisher Perform Inspection/Check for condition and weigh, 25.5 oz. Complied with SB 2X-27-14 R3 Rudder-Aileron Interconnect Modification. Avidyne Software Update: Release 6.2.1 Emergency Locator Transmitter Functional Inspection in accordance with 14 CFR 91.207. ACK E-01 S/N 046575, Battery Date 03/2010. Checked and complied with Airworthy Directives to date, see compliance report in aircraft records. Wash airframe, vacuum interior. Perform an airplane run-up in accordance with Operational/Functional Check in Section CMM 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. **I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

[Signature] 10A0878351A

N927PP

Checked a
brakes and
leaks. All in
good condi
plate. Verifi

[Signature]
Kevin Spurr

KOF

Heart of Virginia Aviation

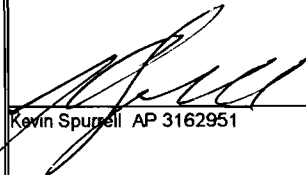
12/13/2007

N927PP

Hobbs Time 806

Work Order 07-1610

Checked all logs for AD compliance. All complied with. Removed panel covering brakes and visually inspected brake linings for wear and hoses for chaffing and leaks. All in good condition. Checked battery and battery box for corrosion. All in good condition. Removed spinner and inspected spinner and spinner backing plate. Verified prop s/n EF362B. Reinstalled spinner.


Kevin Spurrell AP 3162951

<http://www.flyhova.com>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798

Inspections, Tests, Repairs and Alterations

logged with Name, Rating and Certificate Number of
ir Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

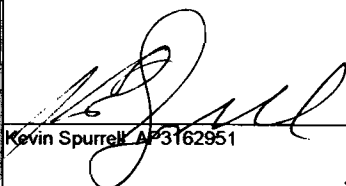
1/28/2008

N927PP

Hobbs Time 830.5

Work Order 08-1661

Complied with a 50 hr inspection in accordance with the HOVA 50 hr. checklist. Stop drilled crack in baffling LH side forward per maintenance manual.


Kevin Spurrell AP 3162951

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

MID-CONTINENT INSTRUMENTS

Altimeter Scale
Correction Card

Altimeter S/N 389600
Part No. 293RAD-1A-250

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-1.015	15000	14,940
0	-10	16000	15,940
500	195	18000	17,945
1000	1.000	20000	19,940
1500	1.500	22000	21,955
2000	2.000	25000	24,940
3000	3.000	30000	29,975
4000	4.010	35000	34,940
5000	5.000	40000	/
6000	6.005	45000	
8000	8.000	50000	
10000	10.005	55000	
12000	12.000		
14000	14.000		

Tested By: RF#244 Inspector: NH Date: 5-21-08

- | | |
|---|--|
| <input checked="" type="checkbox"/> MID-CONTINENT INSTRUMENT CO. INC.
9400 E. 34th St. North
Wichita, KS 67226 USA
Tel 800-821-1212 • 316-630-0101
FAA Repair Station # OL2R061L | <input type="checkbox"/> MID-CONTINENT INSTRUMENTS WEST
16320 Stagg Street
Van Nuys, CA 91406 USA
Tel 800-345-7599 • 818-786-0300
FAA Repair Station # OL2D061L |
|---|--|

Ref. Test Points (Feet)	TSO C10b		FRICTION			CHG. PT. OF ENCODER Tol. 125' WITH REF. TO ALTIMETER IND.
	Tol. ± (Feet)	Friction Tol. (Feet)	ALTMTR. READING NO VIB.	FINAL READING W / VIB.	± TOL. (Feet)	
-1,000	20	70	-995	-1,015	20	
0	20	70	-25	-10	15	
500	20	70	480	495	15	
1,000	20	70	985	1,000	15	
1,500	25	70	1,485	1,500	15	
2,000	30	70	1,985	2,000	15	
3,000	30	70	2,990	3,005	15	
4,000	35	70	3,990	4,010	20	
5,000	35	70	4,985	5,000	15	
6,000	40	70	5,980	5,995	15	
8,000	60	70	7,960	7,980	20	
10,000	80	80	9,945	9,965	20	
12,000	90	80	11,930	11,955	25	
14,000	100	80	13,920	13,940	20	
15,000	100	90	14,915	14,940	25	
16,000	110	90	15,920	15,940	20	
18,000	120	90	17,915	17,945	30	
20,000	130	100	19,910	19,940	30	
22,000	140	100	21,915	21,955	40	
25,000	155	120	24,910	24,940	30	
30,000	180	140	29,915	29,935	20	
35,000	205	160	34,925	34,940	15	

Test type: Standard Altimeter Tested Through: 35,000'
 W.O. Number: 122904
 Part Number: 5934PAD-3A.259
 Serial Number: 389600

- 1. VISUAL EXAMINATION: Good
- 2. POSITION ERROR (Tol. ± 20'): 10
- 3. CASE LEAK (Tol. ± 100' / min.): 20
- 4. HYSTERESIS (Tol. ± 75'):

ALTIMETER READS	
UP	DOWN
40% - 14,000'	13,940' / 13,955'
50% - 17,500'	17,440' / 17,450'

- 5. AFTER EFFECT (Tol. ± 30'): 15
- 6. BAROMETRIC SCALE ERROR (Tol. ± 25')

MB	IN HG	FEET	RANGE	READINGS
951.6	28.10	-1,727	(-1,702 / -1,752)	-1,740
965.1	28.50	-1,340	(-1,315 / -1,365)	-1,320
982.0	29.00	-863	(-838 / -888)	-860
999.0	29.50	-392	(-367 / -417)	-390
1013.2	29.92	0	(-25 / +25)	0
1032.8	30.50	+531	(+506 / +556)	540
1046.4	30.90	+893	(+868 / +918)	890
1049.4	30.99	+974	(+949 / +999)	970

- 7. Lighting: No
- 8. Alerter Output: No
- 9. Check for Master Altimeter: N/A
 - 9a. Calibrated: N/A

TECHNICIAN: Marty Wooten #708 DATE: 05/20/08
 Marty Wooten #708

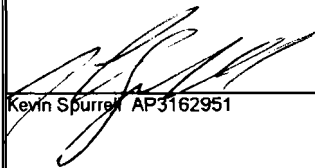
SHOP INSPECTOR: K. Freeman #744 DATE: 05/20/08
 K. Freeman #744

FINAL INSPECTION - CERTIFIED REPAIRMAN
 INSPECTOR: [Signature] DATE: 5-21-08

Heart of Virginia Aviation

N927PP 4/30/2008
Total Time 884.3 Hobbs Time 884.3 Work order 08-1673

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the Cirrus SR20 maintenance manual. Inspected and packed all wheel bearings. Complied with ELT inspection in accordance with FAR 91.207(d). Next due 04/09. Batteries due 03/10. Installed new standby altimeter, p/n 5934D-3A.249G, s/n 432340. Installed new fire extinguisher and labeled with weight and date. Repaired LH main gear fairing bracket. Replaced LH main gear wellnut for fairing. Complied with AD 2008-06-28R1, primary flight displays. AD does not apply due to s/n. Complied with AD 2008-03-16, aileron rudder interconnect rigging, on 11-01-07 @ Hobbs 781 by accomplishment of Cirrus Design SB 2X-27-14R3 by Avtech. No further action required. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.


Kevin Spurrell AP3162951

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Inspected
performed with
Facility.

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 52,000 ft.
PN 5934D-3A.249G SN 432340
WO# 120178 DATE 4-10-08
Inspection MS
Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - Van Nuys, CA

5
n
b7
04

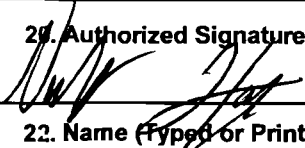
1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: WRK0120178
---	--	---

4. Organization Name and Address:	 MID-CONTINENT INSTRUMENT CO., INC 9400 E 34th ST. NORTH WICHITA, KS 67226-2615 FAA CRS OL2R061L	5. Work Order/Contract/Invoice Number: WRK0120178
--	---	---

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTIMETER	5934D-3A.249G 5934D-3A	N/A	1	432340	OVERHAULED

13. Remarks:
THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.
ALL WORK WAS PERFORMED REF. MANUAL # TM-5934 2 3/15/06
 The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 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 	21. Approval/Certificate No.: FAA CRS OL2R061L
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): NICK HOWE	23. Date (m/d/y): Apr/10/2008

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 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 installer/user before the aircraft may be flown.

MID-CONTINENT INSTRUMENTS

Altimeter Scale
Correction Card

Altimeter S/N 432340
Part No. 5834D-3A-2496

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-1,015	15000	14,965
0	-15	16000	15,950
500	490	18000	17,940
1000	915	20000	20,005
1500	1,490	22000	/
2000	2,000	25000	
3000	3,010	30000	
4000	4,015	35000	
5000	5,025	40000	
6000	6,010	45000	
8000	8,000	50000	
10000	10,985	55000	
12000	11,970		
14000	13,955		

Tested By: RF#744 Inspector: [Signature] Date: 4-10-08

MID-CONTINENT INSTRUMENT CO. INC.
9400 E. 34th St. North
Wichita, KS 67226 USA
Tel 800-821-1212 • 316-630-0101
FAA Repair Station # OL2R061L

MID-CONTINENT INSTRUMENTS WEST
16320 Stagg Street
Van Nuys, CA 91406 USA
Tel 800-345-7599 • 818-786-0300
FAA Repair Station # OL2D061L

N927PP

Hobbs Time 927.4

Work Order 08-1796

Installed new landing light assembly, p/n 12580-123. Ops check good.

Kevin M. Grey
Kevin M. Grey AP2793199

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Inspections, Tests, Repairs and Alterations

endorsed with Name, Rating and Certificate Number of
air Facility. (See back pages for other specific entries.)

This altimeter has been inspected,
tested, and certified to comply with
FAR 91.411 per FAR 43 Appendix E
to an altitude of 35,000 ft.

PN 5234RAD-3A.29 SN 389600

WO# 122804 DATE 5-21-08

Inspection AKZ

Altimeter Type: Encoding Standard

Mid-Continent Instrument Co. - Wichita, KS

Mid-Continent West - VanNuys, CA

N927PP

Removed ok
3, s/n 38960

14. Certifies the items identified above
 Approved design data and

15

Heart of Virginia Aviation

7/29/2008

N927PP

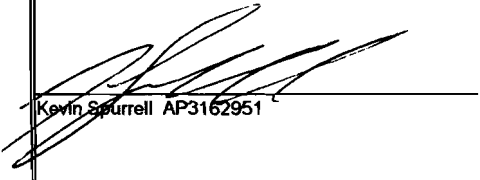
Hobbs Time 958.8

Work Order 08-1817

Removed old standby altimeter and installed new standby altimeter, p/n 5934PAD-3, s/n 389600. Static leak check within limits.

Inspections, Tests, Repairs and Alterations

Used with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)


Kevin Spurrell AP3162951

<http://www.flyhov>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)79

Heart of Virginia Aviation

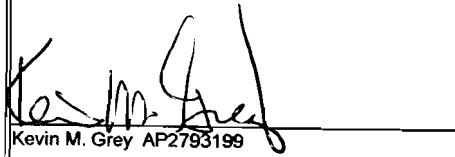
8/14/2008

N927PP

Tach Time 976.7

Work Order 08-1796

Installed new wiring harness for landing light, p/n 12580-109. Ops check ok.


Kevin M. Grey AP2793199

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

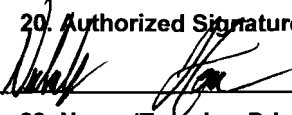
1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: WRK0122904
---	--	---

4. Organization Name and Address:	 MID-CONTINENT INSTRUMENT CO., INC 9400 E 34th ST. NORTH WICHITA, KS 67226-2615 FAA CRS OL2R061L	5. Work Order/Contract/Invoice Number: WRK0122904
--	---	---

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALT. 35K	5934PAD-3A.259 5934PAD-3	N/A	1	389600	OVERHAUL

13. Remarks:
THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.
ALL WORK WAS PERFORMED REF. MANUAL # TM-5934 2 3/15/06
 The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 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 	21. Approval/Certificate No.: FAA CRS OL2R061L
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): NICHOLAS HOWE	23. Date (m/d/y): May/21/2008

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 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 installer/user before the aircraft may be flown.

Heart of Virginia Aviation		11/6/2008
N927PP	Hobbs : 1054.1	Work order: 08-1974
Complied with 50 hour inspection in accordance with Cirrus SR20 maintenance manual. Drained oil, removed and replaced oil filter, p/n AA48108, serviced with 8 quarts of Aeroshell 15W-50 oil. Removed and replaced gasket on cylinder #4 intake/exhaust valve cover, cylinder #5 exhaust valve cover, cylinder #3 exhaust valve cover, and cylinder #1 intake/exhaust valve cover, p/n's 655704. Ran engine. Leak check ok.		

Inspections, Tests, Repairs and Alterations
 Conducted with Name, Rating and Certificate Number of Technician.
 Facility. (See back pages for other specific entries.)

N927PP
Replaced #5 cylinder manual. Replaced Phillips XC20WS5

Carl Clarke
 Carl C. Clarke AP3163115

Heart of Virginia Aviation		12/17/2008
N927PP	Tach Time : 1085.8	Work order : 08-2001
Complied with a 100 hour/annual inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the Cirrus SR20 maintenance manual. Inspected and packed all wheel bearings. Fabricated and installed new pilot's side upper fairing bracket. Installed new pilot's side sunshade, p/n 12698-003. Removed left hand mag and installed overhauled mag, p/n 6314. I certify that this aircraft has been inspected in accordance with a 100 hour/annual inspection and has been determined to be in an airworthy condition.		
<p><i>Tim Brooks</i> Tim Brooks AP23503771A</p> <p style="text-align: right;">http://www.flyhova.com/hanover</p>		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

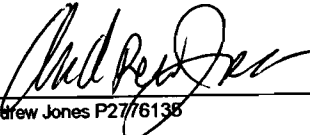
Andrew Jones
 Andrew Jones P2

KOPF - 11

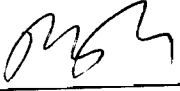
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500			

TEM: 14
 DER: 2243096/LOT:
 2243096
 PN: 6314
 14
 QTY: 1
 U/M: EA
 DESC: MAGNETO

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 2243096	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number 885251	
6. Item: 14	7. Description: MAGNETO	8. Part Number: 6314	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Part Number: 08110091
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# FDK-003135					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" 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 type="checkbox"/> 16 CFR 43.6 Return to Service <input 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: <i>Kenneth E. Wsocki</i>		16. Approval/Authorization No.: 100129CE		20. Authorized Signature:	
17. Name (Typed or Printed): KENNETH E. WY SOCKI SR., ODARF		18. Date (m/d/y): DEC/03/2008		21. Approval/Certificate No.:	
22. Name (Typed or Printed):		23. Date (m/d/y):			
<p>User / Installer Responsibilities</p> <p>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.</p> <p>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.</p>					
FAA Form 8130-3 (6-01)		* Installer must cross-check eligibility with applicable technical data.		NSN: 0052-00-012-9005	

Heart of Virginia Aviation	
N927PP	1/26/2009
Hobbs : 1122.8	Work Order # 08-2030
<p>Replaced #5 cylinder EGT probe. Replaced CHT terminal. Re-adjusted LH mag. Complied with 50 hour inspection in accordance with Cirrus SR20 maintenance manual. Replaced oil filter, p/n AA48108 and serviced engine with 8 quarts of Phillips XC20W50 oil.</p>	
	
Andrew Jones P2776138	
http://www.flyhova.com	
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804) 798-6500	

Inspections, Tests, Repairs and Alterations
 endorsed with Name, Rating and Certificate Number of
 air Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation	
N927PP	3/5/2009
Hobbs : 1157.7	Work Order : 09-2134
<p>Repaired tach generator wires. Ops check ok. Replaced faulty spade connectors with insulated connectors on CHT and EGT probes. Ops check ok.</p>	
	
Patrick McHugh AP2790121	
http://www.flyhova.com/hanover	
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804) 798-6500	

Heart of Virginia Aviation		
N927PP	Hobbs : 1158.1	3/24/2009
		Work Order : 09-2145
Installed new EGT probe, p/n 14554-001, to cylinder #1. Opcs check ok. Installed new tach generator, p/n 12630-001. Ops check ok.		
<i>Daniel McSherry</i>		
Daniel McSherry AP3110300		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N927PP	Hobbs : 1181.7	4/27/2009
		Work Order : 09-2182
Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the Cirrus SR20 maintenance manual. Inspected and packed all wheel bearings. Removed and replaced power pack for strobe light, p/n 01-0770062-05. Repositioned hose away from #6 cylinder intake. Removed and replaced left main tire and tube. Removed and replaced left main brake pads. ELT inspected in accordance with FAR 91.203 (d). Battery due March 2010. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.		
<i>Arni E. Einarsson</i>		
Arni E. Einarsson AP3004582		
http://www.flyhova.com/hanover		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Inspections, Tests, Repairs and Alterations
 orsed with Name, Rating and Certificate Number of
 r Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation	Hobbs : 1161.2	5/1/2009
	Work Order : 09-2166	
Complied with SB 2X-32-18R2 by inspection for cracks at upper nose strut attach point. No defects noted. Applied corrosion inhibitor. Next due Hobbs: 1261.2		
<i>Ronald L. Hawkins</i>		
Ronald L. Hawkins AP27053181A		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

YEAR:

DATE

Date: 5/19

Total Time

** AIRFRA

-Performed attachment wing attachment chapter 32.

The maintenance accordance service only details of the

Work Order

Signed *[Signature]*

Dominion Airfield
 7511 Airfield
 Richmond, VA
 (804) 271-7

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



DOMINION AVIATION

Date: 5/19/2009; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs;;
 Total Time ~~25~~ 1199.3

**** AIRFRAME ****

-Performed visual inspection of left and right main landing gear to wing attachments for cracking. No cracking at left or right main landing gear to wing attachments found. Reference Cirrus Model SR20 Maintenance Manual chapter 32.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 19845

Signed *[Signature]*

Dominion Aviation CRS ODAR018H
 7511 Airfield Drive
 Richmond, Virginia 23237
 (804) 271-7793

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p>Heart of Virginia Aviation</p> <p>11152 Airpark rd Ashland, VA 23005 N927PP Hobbs: 1262.6 Replaced right main tire and tube.</p> <p>Armi E. Einarsson AP3004582</p> <p><i>Armi E. Einarsson</i></p> <p>Phone (804) 798-6500 Fax (804)-798-6544 WO # 09-2346 July 20, 2009</p> <p>Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Aircraft Hobbs: 1288.0 Installed new landing light. Armi E. Einarsson A&P 3004582</p> <p>Phone: 804-798-6500 Fax: 804-798-6544 WO # 09-2363 August 18, 2009</p> <p><i>Armi E. Einarsson</i></p>

Heart of Virginia A
11152 Airpark Rd
Ashland, VA 23005

N927PP
Aircraft Hobbs: 1308
Adjusted breaking pt
and performed flight

Armi Einarsson A&P

Heart of Virginia Avia
11152 Airpark Rd
Ashland, VA 23005

N927PP H
Replaced Alternator #:

Armi E. Einarsson A&P3

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone (804) 798-6500
Fax (804) 798-6544
WO # F09-2449

Inspections, Tests, Repairs and Alterations
Recorded with Name, Rating and Certificate Number of
air Facility. (See back pages for other specific entries.)

N927PP
Aircraft Hobbs: 1308.4
Sept. 04, 2009

Adjusted breaking point of nose wheel caster IAW Cirrus SR20 maintenance manual
and performed flight test. All operation checks on nose caster ok.

Ami Einarsson A&P3004582

Ami Einarsson

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2532

N927PP
Hobbs: 1344.9
October 14, 2009

Replaced Alternator #2 control unit with new, part number 14605-010.

Ami E. Einarsson A&P3004582

Ami E. Einarsson

Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2585

November 10, 2009

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

N927PP
Aircraft Hobbs: 1358.4

Removed GPS 2 and sent to Virginia Aviation for repair on November 2, 2009.
Reinstalled repaired unit on 11/10/09

Ami E. Einarsson A&P3004582

Ami E. Einarsson

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

Phone: 804-798-6500
Fax: 804-798-6544
WO # AF09-0004

N927PP

December 14, 2009

Aircraft Hobbs: 1379.3 Aircraft Total Time: 1379.3

I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Inspected in accordance with Heart of Virginia's annual checklist and SR20 maintenance manual. Lubricated and inspected all flight and engine controls. ELT inspected per FAR 91.207. Replaced induction air filter. Removed and packed all wheel bearings. Replaced bolt and shoe scrubber from #2 rocker box. Replaced nose wheel bearings. Adjusted caster nose wheel to 25ft lbs.

Daniel McSherry AP31103001A 

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

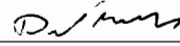
Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2630

N927PP

November 30, 2009

Aircraft Hobbs: 1373.1

Installed new light bar. All work done in accordance with Cirrus Maintenance Manual, FAR AC43.13-1B, and all applicable FARs. Adjusted ball inclinometer on backup attitude indicator to match the electronic representation on the EFIS.

Daniel Mcsherry AP31103001A 

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0086

January 26, 2010

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

N927PP
Aircraft Hobbs: 1410.8

Fabricated new landing light lens to replace cracked lens. Mounted new lens to cowling.

Arni E. Eimarrson A&P3004582 

Customer: DACW
Aircraft #: 927PP
Primary Inspector: Arni
Inspected By: Arni

Table 1

Aircraft Part	Inspection Frequency	Tested
-1,000	31,016	+1
0	29,821	+1
500	29,385	+2
1,000	28,950	+2
1,500	28,515	+2
2,000	27,821	+2
3,000	26,817	+2
4,000	25,342	+2
5,000	23,978	+2
6,000	22,225	+1
7,000	20,577	+1
8,000	19,229	+2
9,000	18,216	+1
10,000	16,843	+2
11,000	15,750	+1
12,000	14,836	+1
13,000	13,750	+1
14,000	12,836	+1
15,000	11,104	+1
16,000	9,888	+1
17,000	7,041	+2
18,000	5,533	+2
19,000	4,369	+2
20,000	3,425	+2

Table 2 - Test Tolerances

Test

Cross Link Test

Hydraulic Test

Free Point (50% max alt)

Securo Point (40% max alt)

After Effect Test

Final Inspection: Arni

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: INV #:
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4. Organization Name and Address: Aerotech of Louisville, Inc. 2209 Watterson Trail Louisville, KY 40299	5. Work Order, Contract, or Invoice Number: W/O: 97211
--	--

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TCM Starter	646275	N/A	1	S/N A012012	Overhauled

13. Remarks: **This item was Overhauled by Aerotech of Louisville, Inc. on W/O # 97211 Dated 02/04/2010**
FAA Approved repair station number PU4R453M.
Overhauled unit per overhaul manual TW5000

14. Certifies the items identified above were manufactured in conformity to:	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13
<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	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>John C. Evans</i>	21. Approval/Certificate No: PU4R453M
17. Name (Typed or Printed):	18. Date(m/d/y):	22. Name (Typed or Printed): John C. Evans	23. Date: 02/04/2010

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 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.

Aerotech of Louisville Inc.

2209 Watterson Trail
Louisville, KY 40299

FAA Certified Repair Station # PU4R453M
TCM TW5000 Starter Maintenance Release

Model <u>24V</u>	Part No. <u>646275</u>	Serial No. <u>A012012</u>
Work Order No. <u>97211</u>	Technician <u>Terry Ridgeway</u>	Date <u>02-04-10</u>

This unit was disassembled, cleaned, inspected, reassembled, and tested in accordance with current manufacturer's overhaul manual specifications and in accordance with current F.A.A. regulations concerning this unit.

The Following Parts Have Been Replaced (All Other Parts Are Serviceable)

Qty.	Part#	Desc.	Qty.	Part#	Desc.	Qty.	Part#	Desc.
4	646348	BRUSH						
1	646328	SEAL						
1	646327	D.E. BUSHING						
1	646332	C.E. BUSHING						
1	MS9021-038	O-RING						

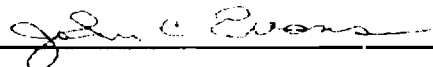
In some instances F.A.A. approved P.M.A. parts are used other than the original manufacturer's

AD Notes

AD No.	Int.	Method of Compliance	AD No.	Int.	Method of Compliance

Service Bulletins Complied With

This unit is approved for return to service

Signature  Date 02-04-10

The Altimeter, Static System and Automatic Altitude Reporting System tests as required by FAR 91.411 have been performed and found to be in compliance with FAR 43, Appendix E. The altimeter was tested to 20,000 Ft on Date 03/02/10 WO# P 10-0123

Arnie E. Emery
Inspector for
Heart of Virginia Aviation, Inc.
CRS# H70R844W

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0157

March 23, 2010

ELT battery replacement is due. Removed and replaced batteries with 8 new Duracell MN1300 batteries. Next replacement due March 2016.

Eric Sanders A&P3432993 Eric Sanders

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make GARMIN Model GTX 327 SN: 83714807
#2 Make _____ Model _____ SN: _____

Date: 03/02/10 WO# 10-0123

Arnie E. Emery
Inspector for
Heart of Virginia Aviation, Inc.
CRS# H70R844W

Heart of Virginia Aviation
11152 Airport Rd
Ashland, VA 23005

N927PP
Aircraft Hobbs: 1445.8

Altimeter Test and Inspection Report HOV-102 R1
CRS H70R844W

Heart of Virginia Aviation, Inc.

Customer: DARIN WILKINSON Work Order # P10-0123

Aircraft # 927PP Aircraft Make/Model Cessna 441

Inspected By: Arnie Emery Date: 03/02/10

Altitude (Feet)	Maximum Pressure (inches Hg)	Tolerance (inches Hg)	Altimeter Error (inches Hg)	Encoder Error (inches Hg)
-1,000	31.518	+/- 20	-30	360
0	29.921	+/- 20	-30	360
500	29.385	+/- 20	-30	360
1,000	28.898	+/- 20	-30	360
1,500	28.435	+/- 20	-30	360
2,000	27.971	+/- 20	-30	360
3,000	26.817	+/- 20	-30	360
4,000	25.942	+/- 20	-30	360
5,000	25.178	+/- 20	-30	360
6,000	24.478	+/- 20	-30	360
8,000	22.225	+/- 40	-30	360
10,000	20.577	+/- 80	-30	360
12,000	19.029	+/- 80	-30	360
14,000	17.577	+/- 100	-30	360
16,000	16.216	+/- 110	-30	360
18,000	14.942	+/- 120	-30	360
20,000	13.750	+/- 130	-30	360
22,000	12.636	+/- 140	-30	360
25,000	11.104	+/- 195	-30	360
30,000	8.885	+/- 180	-30	360
35,000	7.041	+/- 205	-30	360
40,000	5.538	+/- 230	-30	360
45,000	4.385	+/- 255	-30	360
50,000	3.425	+/- 280	-30	360

Test	Tolerance (Feet)
Cable Leak Test	100
Hysteresis Test	
First Point (80 % max Alt)	+/- 75
Second Point (40 % max Alt)	+/- 75
After Effect Test	+/- 30

Altitude (Feet)	Tolerance (Feet)	Reading
1,000	70	
2,000	70	
3,000	70	
5,000	70	
10,000	80	
15,000	90	
20,000	100	
25,000	120	
30,000	140	
35,000	160	
40,000	180	
50,000	250	

Pressure (inches of Hg)	Altitude Difference (Feet)	Result
28.10	-1702/-1782	-780
28.50	-1514/-1383	-850
29.00	-954/-888	-920
29.5	-387/-417	-400
29.82	-25/-25	0
30.00	+508/+556	1000
30.90	+883/+918	1550
30.90	+948/+998	1700

Final Inspection: Arnie E. Emery Date: 03/02/10

HOV-102 R1

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0479

Inspections, Tests, Repairs and Alterations
dorsed with Name, Rating and Certificate Number of
air Facility. (See back pages for other specific entries.)

N927PP
Aircraft Hobbs: 1556.6

Sept 7, 2010

Test flew aircraft and experienced shimmy. Tested break of nose wheelie spindle nut
and found it needed tightening. Adjusted tightness to 23lbs. Removed and replaced
nose tire and tube with new (P/N: 5.00x5 6ply)

Ami E. Einarsson AP3004582

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0507

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0492

N927PP
Aircraft Hobbs: 1582.9

Sept 27, 2010
Aircraft Total Time: 1582.9

N927PP
Aircraft Hobbs: 1573.7

Sept 16, 2010

Replaced oil access door latch.

Ami E. Einarsson AP3004582

I certify this aircraft has been inspected in accordance with a 100 hour inspection
and was determined to be in airworthy condition. Inspected and lubricated all flight
and engine controls. Inspected and lubricated all landing gear components. ELT
inspected per FAR 91.207(d). Complied with AD 2008-14-07 fuel injector lines
inspection. Replaced nose gear bushings and attaching hardware. Replaced right
main brake linings. Replaced right main gear attaching bushing. All operation and
leak checks satisfactory and Aircraft is approved for return to service.

Daniel Mcsherry AP3110300IA

Hobbs: 1583.9		9-24-10
Replaced #6 alt probe.		
		D. Mcsherry

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0575

Nov 5, 2010

N927PP
Aircraft Hobbs: 1631.6

Removed and replaced cup holder with new (p/n: 51179-001). Adjusted idle to idle between 700 and 750 when engine is warm.

Daniel McSherry AP31103001A 

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005




Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0609

November 17, 2010

N927PP
Aircraft Hobbs: 1651.9

Replaced terminals on battery and field wires (alternator side). Repaired chafe on field wire. Replaced alternator #1 alternator control unit. Replaced terminal on alternator #2. Ops check ok.

Eric Sanders AP3432993 

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of
Inspector. (See back pages for other specific entries.)

Series of horizontal lines for recording inspection details.

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

N927PP

Aircraft Hobbs:

I certify this Aircraft
was determined to be
airworthy by the
Heart of Virginia
inspected all flight
induction air filter
nav. lens. Removed
condor). Replaced
replaced right hand
exchanger by pressure
stickers and o-rings

Daniel McSherry



DOMINION AVIATION

Date: 2/04/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1696.00; Tach:: Total Time: 1696.00; Engine - Type: IO-360-ES, S/N: 357636, Time:: Prop - Type: , S/N:

****AIRFRAME****

-Removed right main wheel brake assembly for black temperature indicator. Cleaned and inspected brake assembly. No defects noted. Removed piston, replaced packing p/n MS28775-224, and reinstalled piston. Replaced brake temperature indicator with new indicator and installed brake assembly on right main wheel assembly. Bled left and right brakes to remove any air in brake system. Maintenance completed in reference with Cirrus SR22 Maintenance Manual section 32-42.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793



2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 13604 29-August-2011 WO# 11327
N927PP S/N 1367 CIRRUS SR20
HOBBS 1810.7

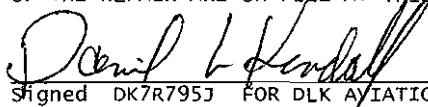
AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

REMOVED LOANER BATTERY AND INSTALLED ORIGINAL BATTERY. REPLACED #2 BATTERIES P/N 50979-001-NEXT DUE AUG 2013. CLEANED ENGINE TO AIRCRAFT GROUNDS.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#11327 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


Signed DK7R795J FOR DLK AVIATION, INC.

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N927PP
8-25-11

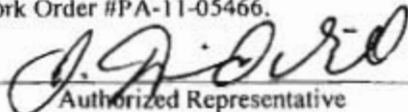
Cirrus Design SR20
Hobbs: 1795.3 Hrs

S/N: 1367

Maintenance performed:

- Completed Savvy Aircraft Maintenance Management, Inc. Inspection Checklist as applicable.
- Replaced #2 CHT probe with new P/N 14880-001. Ops checked good.
- Repaired nose wheel shimmy by adjusting nose wheel fork assy I/A/W Cirrus SR20 AMM 32-20.
- Installed new bushing, P/N 12935-001 and new spacer, P/N NAS77-8-013 on R/H side of nose gear mount to correct excessive play.
- Removed master switch panel (bolster panel), installed new screw to secure guard bar and reinstalled bolster panel. Ops checked OK.
- Replaced L/H & R/H brake linings with new P/N 066-14100.
- Applied new heat tape, P/N 70088-001 to peeling area on lower cowl and over landing light wiring.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #PA-11-05466.


Authorized Representative



DOMINION AVIATION

Date: 9/06/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1696.00; Tach:; Total Time: 1696.00; Engine - Type: IO-360-ES, S/N: 357636; Prop - Type: , S/N:

****Airframe****

- Inspected wiring to alternator #2, noted broken field wire. Replace field connector assembly, p/n 410-225-9. Reference Cirrus AMM 24-30.
- Removed & reinstalled nose wheel spindle cup with Paste Adhesive (P/N 50195-00) in reference to Cirrus Airplane Maintenance Manual Model SR20 Chapter 32-20 Section I & Chapter 51-20 Section 1. Reinstalled Nose wheel fork assembly with new cotter pin (P/N MS24665-353) in reference to Cirrus Airplane Maintenance Manual Model SR20 Chapter 32-20 Section H.
- Reinstalled nose wheel spacers in correct positions. Removed nose wheel tire assembly. Disassembled nose wheel bearing assembly, no defects noted. Packed and reassembled nose wheel bearing assembly. Reinstalled nose wheel. Reference Cirrus AMM 32-41.
- Replaced left tow lug with p/n 11869-00. Reference Cirrus AMM 32-41.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793



DOMINION AVIATION

Date: 11/01/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1833.20; Tach:; Total Time: 1833.20; Engine - Type: IO-360-ES, S/N: 357636; Prop - Type: , S/N:

****AIRFRAME****

Inspected alternator and associated wiring. Found the alternator Field wire to be loose. Removed all wires from the alternator and performed voltage and ground checks. All tests passed. Recorded good continuity on ground wire. Recorded battery voltage on Field wire when Alt 1 switch was selected. Recorded battery voltage on main Alt 1 output wire. Recorded zero continuity through the alternator between wiring posts. Installed new ring terminal (p/n AP36154) on Field wire with 3/16 heat shrink. Reinstalled all wires back on Alt 1. Ran aircraft to verify Alt 1 was operational. All operations checked good. All procedures done in reference to Cirrus Aircraft SR20 Maintenance Manual. Chapter 24-30.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793



DOMINION AVIATION

Date: 1/20/2012; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1845.40; Total Time: 1845.40; Engine - Type: TCM IO-360-ES, S/N: 357636; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B

*** AIRFRAME ***

- Complied with the Annual Inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20.
 - Lubricated the aircraft as required in accordance with the SR20 maintenance manual Chapter 12-20-00.
 - Checked and listed all applicable Airworthiness Directives using ATP revision dated 12/19/2011. Complied with the logbook research. Updated the computer profiles.
 - Re-tightened #1 alternator mounting bolt in reference to Cirrus maintenance manual chapter 24-00.
 - Removed and replaced clamp at #1 induction tube and fuel hose in reference to Cirrus SR20 maintenance manual chapter 71-00.
 - Replaced worn mixture rod end bolt at servo arm. Reference Cirrus SR20 maintenance manual 76-10.
 - Removed the gascolator and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-rings (p/n MS29513-137, NAS1523-8B) and re-secured fuel sump line. Leak checked gascolator. No leaks detected. Ref. Cirrus SR-20 MM Chapter 28.
 - Removed the battery from the aircraft. Serviced the battery as required. Charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft. Ref. Cirrus SR-20 MM Chapter 12.
 - Removed and replaced upper left main landing gear fairing clip in reference to Cirrus SR20 maintenance manual chapter 32-00.
 - Drained 1/2 gallon of fuel from right tank using drain cup at right fuel tank drain. Cleaned area at right fuel tank drain. No leaks detected.
 - Filled oxygen bottle to 2000 psi and reinstalled bottle IAW Supplemental Type Certificate Number: SA01232SE Semi Portable Oxygen System.
 - Serviced main tires with dry compressed air to 53 +2/-0 psi and nose tire to 40 +2/-0psi Ref. Cirrus SR-20 MM Chapter 12-10.
 - Repaired left aft engine baffling in reference with AC 43.13.1B chapter 4 section 4.
 - Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
 - Removed and replaced right main tire p/n: 156E61-3 with new tire p/n: 156E61-3 s/n: 12502092 due to tread wear. Inspected and lubed wheel bearings with aeroshell 5. Installed right main wheel on aircraft, torqued axle nut to 100 in/lbs and secured with cotter pin p/n: MS24665-360. Serviced tire to 53 +2/-0 psi. Ref. Cirrus SR-20 MM Chapter 32.
 - Removed and replaced left main tire p/n: 156E61-3 s/n: 02572138 with new tire p/n: 156E61-3 s/n: 11812269 due to FOD. Installed left main wheel on aircraft, torqued axle nut to 100 in/lbs and secured with cotter pin p/n: MS24665-360. Serviced tire to 53 +2/-0 psi. Ref. Cirrus SR-20 MM Chapter 32.
 - Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 725 grams. Installed a new placard on the fire extinguisher. Reinstalled the extinguisher in the aircraft.
 - Removed surface corrosion on lower left side of rudder, surface treated and painted affected area. Reference CirrusSR20 maintenance manual chapter 51.
 - Complied with the compass swing and the readings that will be entered on the compass card are as follows ; N360 = 360, 030 = 033, 060 = 064, E090 = 090, 120 = 124, 150 = 154, S180 = 180, 210 = 210, 240 = 236, W270 = 265, 300 = 296, 330 = 332. Installed a new compass card in aircraft.
 - Inspected the ELT as per FAR 91.207(d).
- MAKE :ACK
 MODEL :E-01
 SERIAL :046575
 THE BATTERY EXPIRES :MAR 2018
- Removed and replaced right and left brake disc part # 164-24400 due to wear. Reference Cleveland wheel and brake maintenance manual.
 - Replaced ELT batteries part number MN1300. Installed batteries expire MAR 2018. Reference Cirrus SR20 maintenance manual 25-60.
 - Complied with AD 2008-11-18, dated July 7th, 2008, pressurization



DOMINION AVIATION

- inspection/check on the exhaust system by compliance with Cirrus SB 2X-78-07 R1, Revision 1, dated December 18, 2007, with no discrepancies found.
- Complied with Cirrus SB 2X-31-01, dated 13 Oct 2006, Second hour meter installation.
- Portable O2 bottle (part number 026N0010-1, serial number OX-020112) removed and sent for outside hydrostatic testing at customer request. Overhauled exchange O2 bottle (part number 026N0000, serial number BH010296) serviced and installed after outside overhaul performed by CRS#6PCR620B, work order number 77899, 8130-3 dated 01/17/2012. Reference Precise Flight Semi Portable Oxygen System STC SA01232SE POH and FAA Approved Airplane Flight Manual Supplement, part number 11934-S09, PFI document 003NMAN0001, Revision C, section 8, for bottle removal, servicing and installation.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # 12-1504

N927PP
Aircraft Hobbs: 1882.9

May 6, 2012

Removed flat left main. Disassembled, found hole in tube. Replaced with new G16-600-6 butyl tube. Reassembled and reinstalled on aircraft. Ops check ok.

Ronald L. Hawkins A&P27053181A

Date: 2/05/2013; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1981.50; Total Time: 1981.50; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 1981.50; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 1981.50

Date: 2/05/2013; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1981.50; Total Time: 1981.50; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 1981.50; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 1981.50

AVIONICS

AVIONICS

-Performed the 91.411 and 91.413 tests on altimeter / transponder and found both systems to be within limits in accordance with FAR Part 43 appendix E and F.

-Performed the 91.411 and 91.413 tests on altimeter / transponder and found both systems to be within limits in accordance with FAR Part 43 appendix E and F.

PFD

#1 Standby

91.411 and 91.413 Calibration Record

91.411 and 91.413 Calibration Record

Dominion Aviation CRS #ODAR018H
7511 Airfield Dr. Richmond VA 23237
804-271-7793

Dominion Aviation CRS #ODAR018H
7511 Airfield Dr. Richmond VA 23237
804-271-7793

Table with columns for Aircraft Tail #, Date, P/N, S/N, Position, Altitude, Error, Tolerance, Measured, Friction, Data Correspondence, Hysteresis, Baro Scale Error, Transponder Test Results, and Codes. Includes test data for altimeter and transponder.

Table with columns for Aircraft Tail #, Date, P/N, S/N, Position, Altitude, Error, Tolerance, Measured, Friction, Data Correspondence, Hysteresis, Baro Scale Error, Transponder Test Results, and Codes. Includes test data for altimeter and transponder.

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

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

Work Order # 24136

Work Order # 24136

Signature [Signature]

Signature [Signature]

Dominion Aviation Service CRS# ODAR-018H
7511 Airfield Dr
Richmond VA, 23237
(804) 271-7793

Dominion Aviation Service CRS# ODAR-018H
7511 Airfield Dr
Richmond VA, 23237
(804) 271-7793



Date: 2/13/2013; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1981.50; Total Time: 1981.50; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 1981.50; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 1981.50

****AIRFRAME*****

REGISTRATION EXPIRES 5/31/2014.

Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 5 pages 4-23.

Removed the fuel gascolator. Cleaned and inspected as required. No defects noted. Reinstalled the fuel gascolator with new o-rings (p/n MS29513-137 and NAS1523-8B) and secured fittings. No leaks detected.

Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.

Removed the battery from the aircraft. Serviced the battery as required. Charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft.

Serviced the tires as required. Nose to 40 psi with shop air. Mains to 53 psi with shop air in reference to Cirrus SR20 maintenance manual chapter 12-00.

Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 725. Installed a new placard on the fire extinguisher. Reinstalled the extinguisher in the aircraft.

Complied with flight control cable tensions and travels in reference to Cirrus SR20 maintenance manual chapter 27-00. No defects noted.

Inspected the ELT as per FAR 91.207(d).

MAKE : ACK
MODEL : E-01
SERIAL : 046575
THE BATTERY EXPIRES : MAR 2018

Checked and listed all applicable Airworthiness Directives using ATP revision dated 1/29/2013. Complied with the logbook research. Updated the computer profiles.

Complied with the 100 hour lubrication as required in Cirrus SR20 maintenance manual chapter 12.

Swapped #2 and #4 CHT probes and cleaned connector at DAU

Removed and replaced air control windshield / floor vent coupler in reference to Cirrus SR20 maintenance manual chapter 21-00. Ops checked good. Removed co-pilots kick panel. Removed air control vent rod. Removed broken coupler. Installed new coupler. Re-installed air control vent rod. Re-installed co-pilots kick panel.

Repaired seal on left front window by removing worn and loose sealant and cleaning area, and applied new sealant (p/n: PR-1440 B-1/2) to cleaned area.

Removed and replaced gascolator drain valve (P/N 50242-001) in reference to Cirrus SR20 maintenance manual chapter 28-00.

Inspected fuel drain and sumped several times.

Checked RPM on post inspection Runs and Engine RPM is proper.

Replaced old bulb in right overhead passenger light with new bulb (p/n: 50608-001). Ops check good.

Complied with AD 2008-11-18 inspection of heat exchanger. No defects noted

Removed and replaced five nose gear pucks and secured with new cotter



pins (P/N 11879-006) in reference to Cirrus SR20 maintenance manual chapter 32-00. Height clearance checked good.

Complied with fuel nozzle cleaning in reference to TCM maintenance manual.

Complied with AD 93-05-06 2000 hour inspection and lubrication of ignition switch.

Removed ignition switch and found the three triangular cups and terminal board worn. Replaced worn triangular cups and terminal board with new triangular cups and terminal board kit (p/n: A-3650-2), and lubricated triangular cups and terminal board contacts in reference to ACS SB92-01. Re-installed ignition switch. Ops check good.

Removed and replaced lower engine cowling closeout (P/N 14529-001) in reference to Cirrus SR20 maintenance manual chapter 71-00.

Removed and replaced right lower engine baffling spring holder in reference to Cirrus SR20 maintenance manual chapter 71-00.

Removed and replaced adele clamp on #4 induction tube in reference to Cirrus SR20 maintenance manual chapter 71-00.

Repaired and painted cracks in main wheel fairing.

Lubricated nose wheel bearings in reference to Cirrus SR20 maintenance manual chapter 32-00.

Installed patch to right aft upper engine baffling in reference to AC 43.13-1B chapter 4 section 4.

Removed and replaced air induction filter (BA-24). Next Due 2081.5

Resecured #1 CHT probe wiring harness with tywraps in reference to Cirrus SR20 maintenance manual chapter 77-00.

Removed and replaced spinner bulkhead (C-2294-5P) with new propeller seal in reference to Cirrus SR20 maintenance manual chapter 61-00. Removed propeller. Removed propeller bulkhead. Installed servicable bulkhead. Removed propeller seal. Cleaned and inspected propeller mating areas. No defects noted. Installed new seal. Re-installed propeller.

Removed and replaced air induction duct assembly (P/N 12679-002) in reference to Cirrus SR20 maintenance manual chapter 71-00.

I certify that this _____ has been inspected in accordance with a/an _____ inspection and was determined to be in airworthy condition. Details on file at this facility.

Signature _____.

Work Order # _____.

Dominion Aviation CRS #ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005
N927PP

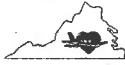


Phone: 804-798-6500
Fax: 804-798-6544
WO # F13-1901
August 02, 2013

Aircraft Hobbs: 2055

Replaced Alternator #2 field control unit. Tested Alternator #2 with satisfactory results. Replaced MCU/Alternator control #2 harness due to burnt pin. Inspected all harness pins and connectors to MCU, all connections and components are clean. Removed propeller and replaced crankshaft sealing o'ring. Reinstalled and torqued prop. Removed #2 and #3 injectors and cleaned them. Reinstalled injectors. Disconnected 3 cannon plug connectors from firewall, cleaned and inspected pins, all ok. Reconnected plugs and safe tied. All work done in accordance with Cirrus SR20 maintenance Manual and all operational checks related to the work performed were satisfactory. Daniel Mcsherry AP3110300IA _____

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005
N927PP



Phone: 804-798-6500
Fax: 804-798-6544
WO # 13-2110
August 08, 2013

Aircraft Hobbs: 2057

Replaced right hand tow lug and tightened left hand tow lug. All work done in accordance with Cirrus SR20 maintenance Manual and all operational checks related to the work performed were satisfactory.

Daniel Mcsherry AP3110300IA

A handwritten signature in black ink, appearing to read 'Daniel Mcsherry', written over a horizontal line.

N#: 927PP



FAA REPAIR STA.

WO#: V13-0934

#RSUR804H

DATE: 8/30/2013

VAR5-115

HOBBS: 2069.0 Flt Hobbs: 195.9

Rerouted Tach sensor harness away from ignition wires.
Cleaned and retensioned connector pins. Reseated tach
connector. Cleaned and reseated CHT #2 connectors.
Complied with SB 2X-95-13 on the CAPS Parachute
enclosure. Complied with Cirrus SB 2X-95-17 rocket motor
assy replacement guide dated July 26, 2013. Installed Cirrus
provided kit PN# 70268-001 & 70269-001. Removed and
replaced the CAPS parachute and rocket motor assembly as per
Cirrus CAPS component maintenance manual 12128-001 Rev. E1.
Updated the airframe maintenance records with the following
information. **CAPS ROCKET MOTOR PN# 29500-003 SN#
0031 Expires 7/23/2023. CAPS Parachute PN# 25574-001-
REB SN# 00288R1 Expires 7/25/2023. End.**

Signature: 

Please affix to your aircraft/engine logbook.



Date: 3/13/2014; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 2128.00; Total Time: 2128.00; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 2128.00; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 2128.00

**** AIRFRAME ***

- Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20, pages 4-22.
- Complied with the 100 hour lubrication as required in chapter 12.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 2/21/2014. Complied with the logbook research. Updated the computer profiles.
- Removed the fuel bowl and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-rings. No leaks detected.
- Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
- Removed the battery from the aircraft. Serviced and charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft.
- Serviced the tires as required. Nose to 40 psi with shop air. Mains to 62 psi with shop air.
- Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 270 grams. Installed a new placard on the fire extinguisher. Reinstalled the extinguisher in the aircraft.
- Removed and replaced air induction filter in reference to Cirrus SR20 maintenance manual chapter 12-00.
- Complied with cable tensions and control travel checks. All tensions and travels are within limits for continued airworthiness in reference to Cirrus SR20 maintenance manual chapter 6.
- Inspected the ELT as per FAR 91.207(d). MAKE:Ack Technologies, MODEL:E-01, SERIAL:046575, THE BATTERY EXPIRES :3/2018
- Complied with AD 2008-11-18 heat exchanger inspection. No defects noted.
- Complied with 200 hour lubrication of nose and left and right main wheel bearings in reference to Cirrus SR20 maintenance manual chapter 12-00.
- Removed and replaced nose wheel axle bolt and plug in reference to Cirrus SR20 maintenance manual chapter 32-00.
- Removed and replaced repaired #1 alternator (P/N ES 4024LP S/N C093120 Aerotech of Louisville Inc CRS PU4R453M W.O. 100839) in reference to Cirrus SR20 maintenance manual chapter 24-00. Ops checked good.
- Troubleshoot inop aft right cabin overhead light to burned out lamp assembly. Replaced aft right cabin overhead light lamp assembly p/n 50608-001. Function checked interior lighting with no discrepancies noted. Reference Cirrus SR20 maintenance manual 33-20.
- Replaced torn wellnuts, p/n 50803-001, for left and right main landing gear upper fairings. Reference Cirrus SR20 maintenance manual 32-10.
- Replaced #6 cylinder EGT probe p/n14554-001. Function checked engine EGT indications during post inspection ground runs with no discrepancies noted. Reference Cirrus SR22 maintenance manual 77-20.
- Cleaned #2 cylinder CHT probe and airframe harness spade connectors. Function checked engine CHT indications during post inspection ground runs with no discrepancies noted. Reference Cirrus SR22 maintenance manual 77-20.
- Inspected tach connector P653, SIU connectors P900 and P901, and harness connector P609/J609 to address erratic MDF/PFD engine RPM indications. Disconnected, inspected, cleaned and reconnected P653, P900,P901, and P609/J609. Adjusted wire harness routing to eliminate tension on wire harness connector P653. Replaced missing connector screw and reseated canted connector P901 at SIU. Function checked engine RPM indications during post inspection ground runs with no discrepancies noted. Reference Cirrus SR20 aircraft wiring manual 77-00-01, figure-01.
- Removed damage from upper forward area of upper engine cowling, assessed and performed major repair processes as defined and out line per Cirrus SR 20 MM chapter 51. Material substitution MIL -B-117G type II glass cloth for Hexcel 7781 F3 bi directional.
- Removed and replaced air induction filter bracket in reference to Cirrus



SR20 maintenance manual chapter 71-00.

- Removed and replaced alternate air cable support bracket at aft engine baffling in reference to Cirrus SR20 maintenance manual chapter 76-00.
- Installed missing screws on lower MCU case in reference to Cirrus SR20 maintenance manual chapter 24-00.
- Inspected left and right aileron inboard hinge brackets and attaching hardware and determined them to be in servicable condition. Tightened left and right aileron inboard hinge bracket attaching hardware and applied torque stripe to nuts. Verified interference free operation of ailerons. No change to aileron control system travels, cable tension, or rigging was made. Reference Cirrus SR20 maintenance manual 57-40.
- Removed and replaced right main landing gear upper brake line in reference to Cirrus SR20 maintenance manual chapter 32-00. Leaked check good. Bleed brakes.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number _____.

Signed _____.

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-1

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 16289 13-October-2014 WO# 14427
N927PP S/N 1367 CIRRUS SR20
HOBBS 309.2

Pg 1 / 1

AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

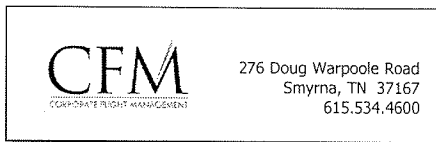
REPLACED LANDING LIGHT BALLAST P/N LSM500-200-128. INSTALLED HEILCOIL RIGHT SIDE TOW BAR LUG AND
INSTALLED TOW BAR LUG P/N 11869-001. REPLACED ONE LANDING LIGHT VIBRATION MOUNT P/N 14502-003.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED
IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR
RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#14427 AT REPAIR STATION DK7R795J. PERTINENT DETAILS
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

Model: SR20
S/N: 1367
Reg. No: N927PP



Date: 01-Apr-2015
TT: 2,208.9
Hcbbbs: 2,261.9
Flight: 363.5
Page: 1 of 2

Airframe

Inspections Accomplished:

- 1001-Complied with Airframe Annual Inspection IAW AMM 5-00.
- 1005-Reweighed fire extinguisher IAW AMM 26.
- 1006-Complied with ELT inspection IAW FAR 91.207(d). Battery expires: **March, 2018.**
- 1007-Serviced № 1 battery IAW AMM 24.

ADs Accomplished:

- 2003-Complied with AD 2008-11-18 – To detect and correct leaks in the exhaust system, per SB 2X-78-07R1. No leaks noted at this time. **Next inspection due in 100 hours at 2,361.9.**
- 2012-AD 2014-05-29 – Superior Air Parts Investment Cast Cylinder Assemblies, is N/A due to no Superior Air Parts Cylinders installed. No further action required at this time.
- Researched ADs through 25 Sep 2014; none are due at this time.

Maintenance Accomplished:

- 2001-Removed and replaced, with new, № 1 GNS 430 memory battery. Ref Garmin GNS 430 MM. P/N:
- 2002-Per customer request, cleaned all engine ground contacts.
- 2004-Repaired delaminated material on inside of L/H cowling.
- 2007-Removed and replaced, with new, 2 chafed bolts on L/H exhaust forward ball joint. Ref AMM 78.
- 2008-Removed and replaced, with new, L/H exhaust collector bolt. Ref AMM 78. P/N: AN4C32.
- 2009-Removed and replaced, with new, leaking gasket on № 2 exhaust riser. Ref AMM 78. P/N: 630365.
- 2010-Applied RTV to chafed spark plug leads as required. Ref AMM 20.
- 2011-Applied RTV sealant on fuel pump mixture control hardware to prevent further chafing on forward baffle. Ref AMM 20.
- 2015-Applied RTV to № 1 and № 5 baffle springs to prevent further chafing into engine drain tube. Ref AMM 20.
- 2016-Removed and replaced, with new, leaking № 5 exhaust riser gasket. Ref AMM 78. P/N: 630365.
- 2017-Removed and replaced, with new, chafed R/H exhaust collector bolt. Ref AMM 78. P/N: AN4C32.
- 2018-Cleaned and treated corrosion under battery cover. Ref AMM 51.
- 2019-Cleaned and treated corrosion on battery cable ends. Ref AMM 51.
- 2025-№ 2 CHT indication is erratic. Inspected and found connector loose on № 2 CHT probe. Removed all connectors and installed new connectors. Ref AMM 77.

(continued)

Page 2 of 2

Maintenance Accomplished (continued):

- 2026-Removed and replaced, with new, broken adel clamp on prop governor cable. Ref AMM 76. P/N: MS21919WDG4.
- 2027-Both control yokes have fore and aft play; co-pilot's yoke has side-to-side play. Resecured pilot's and co-pilot's control yoke hardware and resecured co-pilot's control grip assembly hardware. Ref AMM 27.
- 2028-Removed and replaced, with new, loose rivets on rudder tab. Ref AMM 55.
- 2029-Both safeties on R/H aileron incorrect. Corrected safeties on R/H aileron. Ref AMM 27.
- 2031-Diagnostic wire for parachute placed incorrectly. Correctly installed diagnostic wire for parachute. Ref Cirrus SB 2X95-17R1.
- 3007-Resecured orange gasket on top engine cowl. Ref AMM 71.
- 3009-Applied RTV to all four exhaust springs to prevent further chafing. Ref AMM 20.
- 3010-Applied RTV to CHT and EGT probes to prevent further chafing. Ref AMM 20.
- 3011-Applied RTV to forward baffle to prevent further chafing into № 5 cylinder. Ref AMM 20.
- 3012-Removed and replaced, with new, torn positive battery boot. Ref AMM 24. P/N: MS25171-4S.
- 3013-Removed and replaced, with new, № 2 alternator gasket. Ref AMM 24. P/N: AS3491-01.
- 3014-Removed and replaced, with new, № 1 alternator belt. Ref AMM 24. P/N: 657504.
- 3018-Airfilter cap has an elongated hole. Upon further inspection, found air filter cap to be in good condition, Fabricated a rubber dampener to prevent further elongation. Ref AC 43.13.
- 3022-Removed and replaced, with new, worn pitch trim cartridge bushings. Ref AMM 27. P/N: 11268-001.
- 3025-Removed and replaced, with new, deteriorated VOR grommets on both sides. Ref AMM 34. P/N: MS35439-20.
- 3027-Removed and replaced, with new, pads for both outboard wheel fairing brackets. Ref AMM 32. P/N: 13420-102.
- 3028-Resecured L/H and R/H wing root fairings. Ref AMM 53.
- 3035-Customer noted the MFD and PFD button lights do not dim. During inspection, found broken wire on connector P689. Repaired broken wire. Ref AMM 20. Ops check good at this time.

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

Signed:

By : Tate Smithson

A&P 33097181A

Form CFM 007

16 JAN 2016

TIME IN SERVICE: 2412.4 HRS

REPLACED BATTERY #1 G243 WITH
NEW BATTERY, SERIAL # G02909514.

RE-RUN & CHECK OKAY.

Darin T. Dunham

DARIN T. DUNHAM

PRIVATE PILOT, 3143715



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 17685 15-April-2016 WO# 16163
N927PP S/N 1367 CIRRUS SR20
AC TT 2425.0 HOBBS 2425.0

*** AIRFRAME LOG ENTRY ***

ANNUAL INSPECTION COMPLETED. NO AD'S WERE REQUIRED DURING THIS ANNUAL. COMPLIED WITH S/B 2X-52-08R1 BY INSTALLING DOOR STRUT KIT 70543-001. REPLACED CAPS LINE CUTTERS P/N 25347-002 NEXT DUE JANUARY 2022. REPLACED #2 BATTERY P/N 50979-001. REPLACED RIGHT MLG BRACKET P/N 17205-002. REPLACED BELLEVILLE WASHERS ON NLG P/N 50750-101. REPLACED NLG THRUST WASHER P/N 50545-001. INSTALLED HEAT BARRIER TAPE TO LOWER COWLING. ADJUSTED RUDDER INTERCONNECT TO 7 DEGREES. LUBRICATED THROTTLE QUADRANT AND LINKAGE. ROTATED LEFT AND RIGHT MAIN TIRES. SERVICED TIRES. LUBRICATED AIRCRAFT. SERVICED BATTERY. INSPECTED ELT S/N 046575 IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. REPLACED LEFT AND RIGHT BRAKE LININGS-PERFORMED BREAK-IN PROCEDURE. COMPLETED PULL TEST ON NOSE GEAR PIVOT TO 25LBS AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16163 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 17862 16-June-2016 WO# 16262
N927PP S/N 1367 CIRRUS SR20
HOBBS 2446.8
FLT HOBBS 525.2

AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

INSTALLED MISSING TOW LUG. ADJUSTED SPRING TENSION EXHAUST TAILPIPES AS PER M/M 78-20 FIG 78-202 & 78-203.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16262 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Daniel H. Kendall

Signed DK7R795J FOR DLK AVIATION, INC.

Avionics West, Inc. dba Avwest Atlanta

2850 Cessna Lane
Kennesaw, GA. 30144

Tel: 678-354-6255
Fax: 678-354-6248

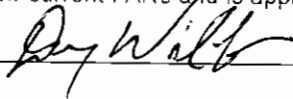
WO# 2031

DATE: 6/24/16

N# 9271PP

Exchange Encoder unit out A-30 unit in new A-30 s/n 137280 and test transponder per FAR 91.413. Calibrate altimeter United p/n 5934PAD-3 s/n 389600 per 91.411. Performed a mag cal per Avidyne EXP 5000 MM 600-00141-001 Rev 5 10/3/11. This A/C and/or component was repaired and inspected in accord w/ current FARs and is approved for return to service.

Signed



-VWIR654K

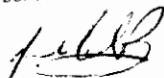
Advanced Technical Avionics
Huntsville International Airport
2000 Houston-Goodson Way
Huntsville, AL 35824
CRS # 9C3R334C

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of
Technician. (See back pages for other specific entries.)

Work Order # 10 Registration # N927PP Serial # 1367
Date 08/24/2016 Total Time 2485.2

Upgraded EX5000 MFD software by following instructions as provided by Avidyne
document number: 601-00004-087 Rev 2 01 June 2011. Installed new Compact
Flash card p/n 053-00201-() all revisions with corresponding software 530-00201-()
all revisions. Completed post accomplishment check out as required by the service
bulletin.

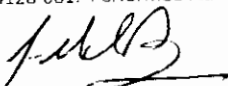


Jason M. Payne

Advanced Technical Avionics
Huntsville International Airport
2000 Houston-Goodson Way
Huntsville, AL 35824
CRS # 9C3R334C

Work Order # 14 Registration # N927PP Serial # 1367
Date 09/02/2016 Total Time 2485.2

Installed new Differential Pressure Switch in pitot-static system. Part number
14128-001. Performed leak check after installation.



Jason M. Payne

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 10-21-16 N Number: 927PP Make and Model: Cirrus S20

S/N: 1367 Hobbs: 2512.5

Installed a Cirrus part number 14128-001 Differential pressure switch.

Signature: 

Richard A. Cason AP2601365151A*****END*****

3905 Newton Road Albany, GA 31701

ANGLES of
AMERICA Inc.

Southwest Regional Airport 229-434-9177

M/N – SR20

N927PP

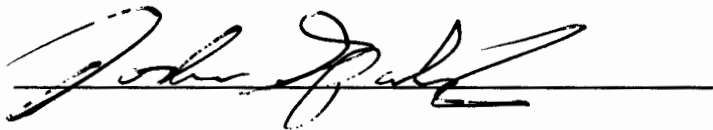
DATE – 12/23/16

S/N -- 1367

TACH – 2548.0

Removed and replaced wheel assembly with serviceable wheel assembly. Return to service.

Josh Sparling

A handwritten signature in black ink, appearing to read "Josh Sparling", is written over a horizontal line.

A&P 3834168

MAKE: Cirrus
MODEL: SR20
S/N: 1387
REG. NO: N927PP
WORK ORDER:
2989-01-2017



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 1/7/2017
A/C TSN:
HOBBS: 2357.3

Airframe Entries

Replaced left main tire and tube with new tire p/n 070-449-0 Michelin Air 15X6.0-6/6/160 and tube p/n 097-500-0 Michelin Airstop 15X6.0-6. Serviced tire to 53 psi.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2989-01-2017, Dated 1/7/2017.

DATE: 1/7/2017

SIGNED:

Work Order: 2989-01-2017

Printed by EBis 3 (datcomedia.com)

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 03-02-17 N Number: 927PP Make and Model: Cirrus SR-20

S/N: 1367 Hobbs: 2566.0 TT: 2566.0

Completed an Annual inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Inspected ACK P/N E-01 S/N 046575 ELT I/A/W CFR 91.207(d) and found satisfactory. Main Battery due replacement **March, 2018**. Pressure checked exhaust system and found satisfactory. Drained and cleaned fuel strainer. Packed wheel bearings, serviced tires. Nose gear pivot pull test good 25lbs. Serviced brake master cylinder with fresh 5606 Hyd fluid. Installed a new Brackett BA-24 air filter.

C/W AD 76-07-12 Amendment 39-15541 "Engine Exhaust/Heat Exchanger" found satisfactory. Due next at Hobbs: 2666.0

Performed AD note search and found aircraft to be in compliance with all applicable AD's through this date Tdata 2017-04.

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

Signature: 


Richard A. Cason AP260136515IA*****END*****

Date: January 20, 2018 N927PP M/N:SR20 S/N:1367 Flt Time: 743.5 Hobbs:2687.6

Installed ADS-B Compliant Transponder Lynx NGT-9000D+ P/N 9029000-20000 S/N LXE11604 IAW ADS-B Technologies STC# SA02444AK. For further details see filed FAA Form 337 dated 1/18/2018. Encoding check and transponder test was accomplished per FAR 91.411, 91.413 and Part 43 Appendices E/F. Equipment list and Weight and Balance has been revised. Installed a new Standby Altimeter light assembly P/N 6015358-3. Removed Autopilot Controller S-TEC Fifty-Five X P/N 01192-4-53-30P S/N 6154 and installed serviceable Autopilot Controller S-TEC Fifty-Five X P/N 01192-34-61T-30 S/N 0741-12849. Ops check ok. Installed a new circuit breaker P/N 7277-2-5 for strobe lights. Removed GMA340 Audio Panel P/N 011-00401-10 S/N 96266245 and installed serviceable Audio Panel P/N 011-00401-10 S/N 96256425. Ops checks ok. Installed a Logic Module P/N 14610-004 and ALT#2 Current Sensor P/N 14604-002 for the MCU. All final ops checks ok.

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.

Details are on file at this agency under work order 18-9342.



Randall J. Ellis, Jr.
1MYR828C

**MONTGOMERY**
Aviation, LLC.

11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. 1MYR828C



Cirrus Design Corporation
4515 Taylor Circle
Duluth, MN 55811

Phone: **218-727-2737**
 Fax: **218-727-2148**
www.cirrusaircraft.com

INVOICE 238907

SALES ORDER NO. 193127	INVOICE DATE 09/21/17
PACKING SLIP NO. 193127*1	DUE DATE 10/21/17
CUSTOMER PURCHASE ORDER NO. 11692	PAYMENT TERMS NET 30
SALES REPRESENTATIVE Cirrus Direct	TAX TAX CODE
SHIP VIA FedEx Ground	INCOTERMS FCTRY-PPD

Bill To	11243 Montgomery Aviation LLC Indianapolis Executive Airport 11329 East State Road 32 Zionsville IN 46077 United States	Ship To	11243 Montgomery Aviation LLC Indianapolis Executive Airport 11329 East State Road 32 Zionsville IN 46077 United States
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Item	Product / Description	UOM	QTY Ordered	QTY Shipped	MSRP	Your Price	Total Price
0015	Model SR22 s/n 3403 14604-002 CURRENT SENSOR, MODULE, POTTED Model SR22 s/n 3403 Tracking Number: 615541726079, 615541726105 _____ CERTIFICATE OF CONFORMANCE Cirrus Aircraft certifies that the items shipped on this order are in compliance with all engineering drawings and specifications, and meet all quality control specifications set forth. All items listed above are considered airworthy, meet the requirements of U.S. Type Certificates A00009CH or A00018CH and were manufactured under U.S. Production Certificate PC338CE. Items are eligible for installation on Cirrus model SR20, SR22, SR22T and SF50. _____ Please direct all accounting and payment matters to ar@cirrusaircraft.com. A pre-approved RMA number must accompany all non-warranty core return items. Contact partreturns@cirrusaircraft.com with any questions or inquiries. A warranty claim must be filed for all warranty core returns. The warranty claim number and copy of claim form must accompany all warranty core returns. Contact warranty@cirrusaircraft.com with any questions or inquiries. Items that are not defective or damaged in any way may be returned for credit within 60 days of invoice date.						

REMITTANCE ADDRESS:
Attn: Accounts Receivable
Cirrus Design Corporation
4515 Taylor Circle
Duluth, MN 55811

Continued

Total U.S. Dollars:



CIRRUS AIRCRAFT

Cirrus Design Corporation
4515 Taylor Circle
Duluth, MN 55811

Phone: 218-727-2737
Fax: 218-727-2148
www.cirrusaircraft.com

INVOICE 244451

SALES ORDER NO. 197212	INVOICE DATE 12/04/17
PACKING SLIP NO. 197212*1	DUE DATE 01/03/18
CUSTOMER PURCHASE ORDER NO. 0203-stock	PAYMENT TERMS NET 30
SALES REPRESENTATIVE Cirrus Direct	TAX TAX CODE
SHIP VIA FedEx Ground	INCOTERMS FCTRY-PPD

Bill To	11243 Montgomery Aviation LLC Indianapolis Executive Airport 11329 East State Road 32 Zionsville IN 46077 United States	Ship To	11243 Montgomery Aviation LLC Indianapolis Executive Airport 11329 East State Road 32 Zionsville IN 46077 United States
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Item	Product / Description	UOM	QTY Ordered	QTY Shipped	MSRP	Your Price	Total Price
------	-----------------------	-----	-------------	-------------	------	------------	-------------

0001	AA48108-2 FILTER, OIL, TEMPEST	EA					
0002	14554-001 EGT SENSOR, MODIFIED	EA					
0003	14610-004 LOGIC MODULE, POTTED	EA					
Chg	F02 Freight Expense						

Tracking Number: 617957661736

CERTIFICATE OF CONFORMANCE

Cirrus Aircraft certifies that the items shipped on this order are in compliance with all engineering drawings and specifications, and meet all quality control specifications set forth.

All items listed above are considered airworthy, meet the requirements of U.S. Type Certificates A00009CH or A00018CH and were manufactured under U.S. Production Certificate PC338CE.

Items are eligible for installation on Cirrus model SR20, SR22, SR22T and SF50.

Please direct all accounting and payment matters to ar@cirrusaircraft.com.

A pre-approved RMA number must accompany all non-warranty core return items. Contact partreturns@cirrusaircraft.com with any questions or inquiries.

A warranty claim must be filed for all warranty core returns. The warranty claim number and copy of claim form must accompany all warranty core returns. Contact warranty@cirrusaircraft.com with any questions or inquiries.

REMITTANCE ADDRESS:

Attn: Accounts Receivable
Cirrus Design Corporation
4515 Taylor Circle
Duluth, MN 55811

Continued

Total U.S. Dollars:

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1091437	
4. Organization Name and Address: Aviation Communication & Surveillance Systems 19810 N. 7th Ave. Phoenix, AZ 85027 PAH # PT1571NM				5. Work Order/Contract/Invoice Number: CO-030035	
6. Item:		7. Description:		11. Status/Work:	
1		NGT-9000D END ITEM ASSY		NEW	
8. Part Number: 9029000-20000					
9. Quantity: 1		10. Serial Number: LXE11604			
12. Remarks: Airworthiness Approval Drawing: 9029000-20000, Rev G					
13a. Certifies the items identified above were manufactured in conformity to:		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12			
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: Jimmy Parish		13c. Approval/Authorization No.: PT-1571NM		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): Jimmy Parish		13e. Date (dd/mm/yyyy): 01 Nov 2017		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accounts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



U.S. Department of
Transportation
Federal Aviation
Administration

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

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

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark U.S.A. N927PP	Serial No 1367	
	Make CIRRUS	Model SR20	Series
2. Owner	Name (As shown on registration certificate) VECTRAXX INC		Address (As shown on registration certificate) Address: 208 BUDDY TATE LN City: MERIDIANVILLE State ALABAMA Zip: 35759-1989 Country U.S.A.

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Name <u>Montgomery Aviation LLC</u> Address <u>11329 E SR 32</u> City <u>Zionsville</u> State <u>IN</u> Zip <u>46077</u> Country U.S.A.	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization <input type="checkbox"/> Manufacturer C. Certificate No. <u>1MYR828C</u>
---	---

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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual RANDALL J ELLS JR. <i>RJ Ells</i>	01/18/2018
--	--	------------

7. Approval for Return to Service

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

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

Certificate or Designation No. 1MYR828C	Signature/Date of Authorized Individual RANDALL J ELLS JR. <i>RJ Ells</i>	01/18/2018
--	--	------------

NOTICE

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

8. Description of Work Accomplished

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

U.S.A.

N927PP

01/18/2018

Nationality and Registration Mark

Date

- THE INSTALLATION OF THE ADS-B COMPLIANT TRANSPONDER WAS ACCOMPLISHED BY USE OF ADS-B TECHNOLOGIES, LLC STC # SA02444AK AND AML REVISED MAY 19, 2016.
- REMOVED THE EXISTING GARMIN GTX 327 TRANSPONDER, P/N 011-00490-00 FROM THE RADIO STACK AT STATION 124.9. REMOVED SKYWATCH 497 TRACK BOX P/N 805-10800-001 AT STATION 140.0. INSTALLED THE NGT-9000D TRANSPONDER, P/N 9029000-20000 I.A.W THE L3 LYNX NGT-9000 PART 23 AML STC INSTALLATION MANUAL, 0040-17001-01 REVISION M, DATED JULY 13, 2017,
- NEW INTERFACING WIRING WAS MARKED FOR IDENTIFICATION IAW AC 43.13-1B CHAPTER 11, PAGE 11-83 THRU 11-85, PARAGRAPHS 205,206,207, AND 208. WIRING ADDITIONS AND CHANGES WERE ACCOMPLISHED I.A.W. SECTION 2.3 AND FIGURE 2-6 SHEET 1 THRU 4 OF THE L3 LYNX NGT-9000 PART 23 AML STC INSTALLATION MANUAL, 0040-17001-01 REVISION M, DATED JULY 13, 2017,
- 28VDC IS PROVIDED TO THE TRANSPONDER FROM THE AIRCRAFT AVIONICS BUS. CIRCUIT PROTECTION IS PROVIDED BY A 2 AMP C/B P/N MS26574-2. THE C/B IS PLACARDED "XPNDR/ENCDR".
- INSTALLED A GPS WAAS ANTENNA RAMI P/N AV-801 AT FUSELAGE STATION 110.0 IAW AC 43.13-2B CH 3. ROUTED NEW RG400 COAXIAL CABLE FROM GPS WAAS ANTENNA TO NEW NGT-9000D TRANSPONDER UNIT. PERFORMED AN ELECTRICAL BONDING CHECK OF NEW ANTENNA IAW AC 43.13-2B CH 3.
- OPERATION OF THE TRANSPONDER WAS CHECKED OUT I.A.W. SECTION 3.10 OF THE L3 LYNX NGT-9000 PART 23 AML STC INSTALLATION MANUAL, 0040-17001-01. REVISION M, DATED JULY 13, 2017, AN ENCODING CHECK AND TRANSPONDER TEST WAS ACCOMPLISHED PER FAR 91.411, 91.413, AND PART 43 APPENDICIES E/F.
- THE AIRCRAFT EQUIPMENT LIST HAS BEEN REVISED. WEIGHT AND BALANCE HAS BEEN REVISED.
- AN ELECTRICAL LOAD ANALYSIS HAS BEEN COMPLETED IN ACCORDANCE WITH AC 43.13-2B CHAPTER 2, PAGE 19 PARAGRAPH 208 AND IT WAS DETERMINED THAT THE INSTALLATION OF THE NGT-9000 D TRANSPONDER DOES NOT EXCEED 80% OF THE AIRCRAFT'S ELECTRICAL SYSTEM CAPACITY.
- AN ELECTRICAL INTERFERENCE CHECK HAS BEEN ACCOMPLISHED I.A.W. SECTION 3.10 OF THE L3 LYNX NGT-9000 PART 23 AML STC INSTALLATION MANUAL, 0040-17001-01 REVISION M, DATED JULY 13, 2017, NO ELECTRICAL INTERFERENCE OR ADVERSE EFFECTS ON OTHER SYSTEMS NOTED.
- A COPY OF THE PILOTS GUIDE P/N 0040-17000-01 REVISION G DATED 11/24/2015 WAS PLACED ABOARD THE AIRCRAFT.
- THE FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT DOCUMENT NUMBER L3-76AK-AFMS1, REVISION 3, DATED 02/24/2017, HAS BEEN INCORPORATED INTO THE AIRCRAFT FLIGHT MANUAL.
- AN EVALUATION HAS BEEN CONDUCTED AND THIS ALTERATION WILL NOT IMPACT THE AIRWORTHINESS OF THIS AIRCRAFT. THE AIRCRAFT AND AIRCRAFT RECORDS HAVE BEEN REVIEWED TO ENSURE COMPATIBILITY OF THIS ALTERATION WITH ALL PREVIOUSLY APPROVED CHANGES TO THE AIRCRAFT.
- AN ENTRY HAS BEEN MADE INTO THE AIRCRAFTS PERMANENT RECORDS FOR THE WORK PERFORMED IAW 14 CFR PART 43.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:

- INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR THE L3 LYNX NGT-9000 SECTION 4, OF INSTALLATION MANUAL, 0040-17001-01 REVISION M, DATED JULY 13, 2017, HAVE BEEN INSERTED INTO THE AIRCRAFTS PERMANENT RECORDS AND ANY PERIODIC CHECKS AND INSPECTIONS LISTED MUST BE COMPLIED WITH AT THE INTERVALS SPECIFIED.

NOTE: ALL DOCUMENTS IDENTIFIED WITH (*) ARE ATTACHMENTS TO THIS FAA FORM 337 AND MUST BE MAINTAINED WITH THE AIRCRAFTS PERMANENT RECORD.

-----END-----

Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA02444AK

This Certificate issued to

ADS-B Technologies, LLC
900 Merrill Field Drive
Anchorage, Alaska 99501

certifies that the change in the type design for the following product with the limitations and conditions thereon as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations

Original Product *Type Certificate Number*
Make
Model

*Refer to FAA Approved Model List (AML), Number SA02444AK, Revision 3, dated May 19, 2016, or later FAA approved revision, for airplane makes and models, corresponding Type Certificate numbers, and applicable airworthiness regulations.

Description of Type Design Change

Approval of the L-3 Communications NGT 9000/9000R ADS-B system installed in accordance with the Master Data List, L3-76AK-MDL1, Revision 5, dated February 24, 2017, or later FAA approved revision.

Limitations and Conditions

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) If the holder agrees to permit another person to use this Certificate to alter the product, the holder shall give the other person written evidence of that permission.
- 3) Installation requires prior FAA approved antenna installation for Global Positioning antenna, Universal Access Transceiver antenna and 1090 megahertz Antenna.
- 4) Instructions for Continued Airworthiness, L3-76-ICA1, Revision 3, dated January 6, 2017, or later FAA accepted revision is required as part of this installation.

Limitations and Conditions continued on Page 3

This certificate and the supporting data which is the basis for approval shall remain in effect until suspended, superseded, recalled or a termination date is otherwise established by the Administrator of the Federal Aviation Administration

Date of application July 18, 2013

Date received

Date of issuance March 31, 2015

Date amended June 19, 2015; February 24, 2017

By direction of the Administrator



Stacie Burkhardt
FOR (Signature)

August A. Asay
Manager, Anchorage Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Limitations and Conditions (continued).

- 5) Airplane Flight Manual Supplement or Supplemental Flight Manual, L3-76AK-AFMS1, Revision 3, dated February 24, 2017, or later FAA approved revision is required to be carried on the airplane as part of the NGT-9000 installation.

Airplane Flight Manual Supplement or Supplemental Flight Manual, L3-76AK-AFMS2, Revision 2, dated February 24, 2017, or later FAA approved revision is required to be carried on the airplane as part of the NGT-9000R installation.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both.

United States Of America
 Department of Transportation - Federal Aviation Administration

ADS-B Technologies, LLC
 900 Merrill Field Drive
 Anchorage, Alaska 99501

Approved Model List (AML)
 Number SA02444AK
 Date of Issuance: March 31, 2015
 Date of Revision: May 19, 2016

Approved Model List for the L-3 Communications Avionics Systems NGT-9000 MULTILINK SURVEILLANCE SYSTEM on Part 23
 (and predecessor regulations) Airplanes.

No	TC HOLDER	TCDS	TCDS REV	TCDS REV DATE	MODELS	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS SERIES / DATE	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS	AFM SUPPLEMENT NUMBER / DATE
54	Cessna Aircraft Company	A-799	54	11/5/04	170, 170A, 170B	CAR 3	NGT 9000 Installation Instructions, Doc No. L3-76AK-IM1 rev 2, or later FAA approved revisions	NGT 9000 Instructions for Continued Airworthiness, Doc No. L3-76-ICA1 rev 2, or later FAA approved revisions	NGT 9000 Pilot's Guide and AFM Supplement, Doc No. L3-76AK-AFMS1/2, or later FAA approved revisions
55	Cessna Aircraft Company	A7CE	48	3/1/10	411, 411A, 401, 401A, 401B, 402, 402A, 402B, 421, 421A, 414, 421B, 421C, 414A, 402C, 425,	CAR 3 & CFR 23	NGT 9000 Installation Instructions, Doc No. L3-76AK-IM1 rev 2, or later FAA approved revisions	NGT 9000 Instructions for Continued Airworthiness, Doc No. L3-76-ICA1 rev 2, or later FAA approved revisions	NGT 9000 Pilot's Guide and AFM Supplement, Doc No. L3-76AK-AFMS1/2, or later FAA approved revisions
56	Cessna Aircraft Company	A9CE	27	3/31/03	188, A188, 188A, A188A, 188B, A188B, T188C,	CFR 23	NGT 9000 Installation Instructions, Doc No. L3-76AK-IM1 rev 2, or later FAA approved revisions	NGT 9000 Instructions for Continued Airworthiness, Doc No. L3-76-ICA1 rev 2, or later FAA approved revisions	NGT 9000 Pilot's Guide and AFM Supplement, Doc No. L3-76AK-AFMS1/2, or later FAA approved revisions
57	Cirrus Design Corporation	A00009CH	18	12/29/11	SR20, SR22, SR22T	CFR 23	NGT 9000 Installation Instructions, Doc No. L3-76AK-IM1 rev 2, or later FAA approved revisions	NGT 9000 Instructions for Continued Airworthiness, Doc No. L3-76-ICA1 rev 2, or later FAA approved revisions	NGT 9000 Pilot's Guide and AFM Supplement, Doc No. L3-76AK-AFMS1/2, or later FAA approved revisions

Section 4

Maintenance

4.1 INTRODUCTION

This chapter contains general flightline maintenance and fault isolation procedures. Fault isolation is intended to aid in identifying and correcting invalidities or isolating failures to a defective assembly.

4.2 CONTINUED AIRWORTHINESS

Regular maintenance of the Lynx NGT-9000 is not required except as included in this section and is to be maintained on a “Condition Monitored” basis. Condition monitoring is based upon the following:

- Visual observation by the user.
- All units have unlimited service life, where service life is defined as that point in time when repair is no longer economical.

The unit is subject to the following requirements:

- Title 14 CFR Part 91.411 (Altimeter)
- Title 14 CFR Part 91.413 (Transponder)
- Title 14 CFR Part 43 Appendix E & F

The Directional Antennas (NY156 or NY164) do not require scheduled maintenance or scheduled overhaul and shall be maintained on a “Condition Monitored” basis.

4.3 PERIODIC MAINTENANCE

Perform the following at regular aircraft inspection intervals:

- Visually inspect for signs of corrosion.
- Visually Inspect for condition of wiring, shield terminations for proper grounding, routing, and attachment/clamping.
- Visually inspect the unit mounting to the aircraft, verify visually that the screw heads are in full contact with the mounting holes etc. Re-torque the screws if required.
- Panel Mount NGT-9000 only. Check the display for cleanliness. The bezel, ambient light sensor, and display glass can be cleaned with a damp lint-free, static-free cloth. If necessary, clean with a soft cloth moistened with a mild solution of soap and water. Care should be taken to avoid scratching the surface of the display or getting water inside the USB maintenance port. Do not spray cleaner directly on the screen.
- If the touch screen does not respond to a tap in the right location, perform the screen calibration in paragraph 4.3.1.
- It is recommended that an electrical bond check be performed between the unit and nearby exposed portion of the aircraft metallic structure and verify that the measured value is less than or equal to 2.5 milliohms.

In the event of bonding check failure, remove the unit and clean it and its mounting holes at both the unit and the aircraft structure and reattach the unit. Re-verify the resistance between the unit and nearby exposed portion of aircraft metallic structure, and ensure it is less than or equal to 2.5 milliohms.

- For installation configurations using the 68DC (airport), 71DC (terrain), or 72DC (map) databases, update information may be available. Updates to the databases are not mandatory and are updated at the discretion of the user. Update procedures are located in paragraph 4.5.2.

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 02-19-18 N Number: 927PP Make and Model: Cirrus SR-20
 S/N: 1367 Hobbs: 2702.4 TT: 2702.4

Completed an Annual inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Installed 8 new Duracell MN1300 batteries. Inspected ACK P/N E-01 S/N 046575 ELT I/A/W CFR 91.207(d) and found satisfactory. Main Battery due replacement **March, 2027**. Pressure checked exhaust system and found satisfactory. Drained and cleaned fuel strainer. Packed wheel bearings, serviced tires. Installed a new Michelin P/N 070-449-0 15X6.0-6 6Ply tire S/N 7172S00096 with new 097-500-0 Michelin tube. Nose gear pivot pull test good 26lbs. Serviced brake master cylinder with fresh 5606 Hyd fluid. Installed a new Brackett BA-24 air filter. Installed a new CMI alternator belt P/N 657504. Installed a new Cirrus Aircraft EGT Sensor on #3 cylinder P/N 14554-001 lot #185490. Installed a new Hartzell P/N C-2294-5P spinner bulkhead serial number 1800431.

C/W AD 08-11-18 Amendment 39-15541 "Engine Exhaust/Heat Exchanger" found satisfactory. Due next at Hobbs: 2802.4

Performed AD note search and found aircraft to be in compliance with all applicable AD's through this date Tdata 2018-02.

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

Signature: [Signature]
 Richard A. Cason AP2601365151A*****END*****

Gann Aviation, Inc.

Aircraft Logbook Entry

02/23/2018 Cirrus SR20, N927PP

Performed 2yr IFR certification as required by CFR91.411 and 91.413 all Test were done IAW FAR43 appendix E & F.

The altitude reporting system was tested to 20,000ft

Pilots PFD serial no. D1319

Standby Altimeter serial no. 389600

L3 NGT9000D+ Transponder s/n LXE11604

Signature: [Signature]
 CRS GHVR840X *****END*****

GANN AVIATION, INC. *Standby Certified Alt*
 ALTIMETER TEST
 ALTIMETER / ENCODER CERTIFICATION STATEMENT
 TRANSPONDER CERTIFICATION STATEMENT

GANN AVIATION, INC.
 ALTIMETER TEST
 ALTIMETER / ENCODER CERTIFICATION STATEMENT *PFD*
 TRANSPONDER CERTIFICATION STATEMENT

For	Reads	Tot	Gann Aviation, Inc.			
-1000	700	20	P. O. Box 493			
0	710	20	114 Gasque Drive			
500	720	20	LaFayette, GA 30728			
1000	1185	20	Case Leak	Hysteresis		
1500	1510	25	10 Ft/Min	15	@50%	
2000	2000	30	Tot 100 Ft	10	@40%	
3000	3000	30	Friction	Tot	Tot 75 Ft	
4000	4000	35	Error	FL	After Effect	
6000	6010	40	1K	70	FL 25	
8000	8000	60	2K	70	FL 30	
10000	9990	80	3K	70	Tot 30 Ft	
12000	11950	90	5K	70	Bare Scale	
14000	13550	100	10K	80	28.10	1720 -1727
16000	15730	110	15K	90	28.50	1320 -1340
18000	15730	120	20K	90	29.00	820 -863
20000	15000	130	25K	100	29.50	320 -392
22000	19990	140	30K	120	29.92	0
25000		155	35K	140	30.50	530 +531
30000	NA	180	40K	160	30.90	820 +893
35000	NA	205	50K	180	30.99	820 +974
40000		230		250	Tot 25 Ft	20
45000		255				
50000		280				

For	Reads	Tot	Gann Aviation, Inc.			
-1000	700	20	P. O. Box 493			
0	0	20	114 Gasque Drive			
500	0	20	LaFayette, GA 30728			
1000	1010	20	Case Leak	Hysteresis		
1500	1500	25	10 Ft/Min	15	@50%	
2000	2010	30	Tot 100 Ft	10	@40%	
3000	3010	30	Friction	Tot	Tot 75 Ft	
4000	4000	35	Error	FL	After Effect	
6000	6000	40	1K	70	FL 25	
8000	7990	60	2K	70	Tot 30 Ft	
10000	9990	80	3K	70	Bare Scale	
12000	12020	90	5K	70	28.10	1720 -1727
14000	14020	100	10K	80	28.50	1320 -1340
16000	16030	110	15K	90	29.00	820 -863
18000	18040	120	20K	100	29.50	320 -392
20000	20030	130	25K	120	29.92	0
22000		140	30K	140	30.50	530 +531
30000	NA	180	40K	160	30.90	820 +893
35000	NA	205	50K	180	30.99	820 +974
40000		230		250	Tot 25 Ft	20
45000		255				
50000		280				

TESTED PER 14CFR PART 43, APPENDIX E
 CERTIFIED REPAIR STATION NO. GHVR840X Date: 2-23-18
 PIN 5934 PFD-3 SN 389600
 W/O AIRCRAFT N927PP SR20
 Print Name Ron Denny Signed [Signature]

TESTED PER 14CFR PART 43, APPENDIX E
 CERTIFIED REPAIR STATION NO. GHVR840X Date: 2-23-2018
 PIN 15222-001 SN D1319
 W/O AIRCRAFT N927PP
 Print Name Ron Denny Signed [Signature]

I certify that the altimeter and static system test required by 14CFR, part 91.411 have been performed. The altimeter was tested to 20000 feet altitude reporting encoder was tested to 20,000 feet. Test date: 2-23-18

I certify that the Transponder Model No. L3 NGT9000D+ SN LXE11604 installed in this aircraft has been tested, inspected and found to comply with the requirements of 14CFR, 91.413 as outlined in 14 CFR 43 appendix F. Test date: 2-23-18

I certify that the altimeter and static system test required by 14CFR, part 91.411 have been performed. The altimeter was tested to 20000 feet altitude reporting encoder was tested to 20,000 feet. Test date: 2-23-18

I certify that the Transponder Model No. L3 NGT9000D+ SN LXE11604 installed in this aircraft has been tested, inspected and found to comply with the requirements of 14CFR, 91.413 as outlined in 14 CFR 43 appendix F. Test date: 2-23-18

INSTRUCTIONS: Fill out in accordance with 14CFR part 43 Appendix E, 14CFR part 91.411 and 14CFR 91.413

INSTRUCTIONS: Fill out in accordance with 14CFR part 43 Appendix E, 14CFR part 91.411 and 14CFR 91.413

Date: 02/27/2019 **Hours:** 2888.4

Tail#: N927PP

Make: Cirrus

Model: SR20

S/N: 1367

Completed annual inspection using Cirrus service manual and FAR43 appendix D as a guide. Owner assisted in removing all fairings and inspection panels as required. Checked ELT as required by 91.207d next battery due 3/2027. Checked fluid level in brakes and pads for wear. Owner cleaned and repacked wheel bearings. Repaired landing gear fairing bracket. Complied with AD 08-11-18 by inspection as per SB 2X-78-07 R1, no leaks found next due 2988.4. Checked all cables and fairleads, lubricated pivot points as needed. Repaired broken magneto P lead. Nose gear pull checked at 25 pounds. Replaced air filter with Bracket BA24. I certify this aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition. END

Name: Ray Meyer Jr.

Cert: AP 3115846 IA

Co: Executive Flight Center

Sign: _____



Date: 03/03/2020 **Hours:** 3075.8 AFTT

Tail#: N927PP

Make: Cirrus

Model: SR20

S/N: 1367

Completed Annual inspection using Cirrus service manual & FAR43 appendix D as a guide. Owner assisted in removing all fairings & inspection panels as required. Checked ELT as required by 91.207d next battery due 3/2027. Inspected Wheel & brake assembly; replaced RH linings with New 066-14100. Replaced All tires with New Goodyear Flight Custom III's, P/N's: LH/RH 156E66-4/ 301-249-006, Nose 505C66-5/301-016-006 & LH/Nose Tubes with New P/N: LH 092-500-0/ Nose 092-308-0. Complied with AD 08-11-18 by inspection as per SB 2X-78-07 R1, no leaks found next due 3175.8. Checked all cables and fairleads, lubricated pivot points as needed. Replaced All 5 nose Pucks with New 11879-006. Replaced air filter with Bracket BA24. I certify this Aircraft has been inspected in accordance with an Annual inspection and found to be in Airworthy condition.***END***

Name: Michael S Adams

Cert: AP 3620974 IA

Co: Executive Flight Center

Sign: 

ACFT SN#
1367

Pilot's AVIDYNE Altimeter system
Altimeter/Static System Certification

H2885
3075.8

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1134 Acft.Reg.No. N927PP
Acft Type CIRRUS SR20 Altimeter Position #1
Altimeter P/N# _____ S/N# _____
Date 3-10-20 Signed Merlin Gungel

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100.	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K		70	28.50 -1340 -1340
500	500	20	18,000	17970	120	3K		70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K		70	29.50 -392 -392
1500	1500	25	22,000		140	10K		80	29.92 0 0
2000	2000	30	25,000		155	15K		90	30.50 531 531
3000	3000	30	30,000		180	20K		100	30.90 893 893
4000	4000	35	35,000		205	25K		120	30.99 974 974
6000	6000	40	40,000		230	30K		140	
8000	7990	60	45,000		255	35K		160	
10,000	9980	80	50,000		280	40K		180	
12,000	11985	90				50K		250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA

After Effect (Tol.30 Ft.)
0

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Pilot's STANDBY Altimeter
Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 1134 Acft.Reg.No. N927PP
Acft Type CIRRUS SR20 Altimeter Position #2
Altimeter P/N# _____ S/N# _____
Date 3-10-20 Signed Merlin Gungel

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13990	100	1K	+15	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	+15	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	+15	70	29.00 -863 -863
1000	1000	20	20,000	19980	130	5K	+10	70	29.50 -392 -392
1500	1500	25	22,000		140	10K	+15	80	29.92 0 0
2000	2000	30	25,000		155	15K	+15	90	30.50 531 531
3000	3000	30	30,000		180	20K	+10	100	30.90 893 893
4000	4000	35	35,000		205	25K		120	30.99 974 974
6000	6000	40	40,000		230	30K		140	
8000	7995	60	45,000		255	35K		160	
10,000	9990	80	50,000		280	40K		180	
12,000	11990	90				50K		250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +15
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15

After Effect (Tol.30 Ft.)
+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 1134 Acft.Reg.No. N927PP
Aircraft Type CIRRUS SR20 Txpond Position #1
Txpond P/N# L3 S/N# _____

Check Box if Mode S

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 3-10-20

Signed Merlin Gungel

Date: 26 Jul 2020; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3130.2; Engine Model: IO-360-ES
Serial #: 357636; Replaced right strobe tube. ==END==

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with a large initial "D" and a long, sweeping underline.

DARIN T. DUNHAM

PRIVATE PILOT, 3143715

Date: 24 Dec 2020; A/C: SR-20, N927PP; Serial #: 1367

Time in Service: 3213.4; Engine Model: IO-360-ES

**Serial #: 357636; Replaced oil access door rear latch. Part
number H-5000-2. ==END==**

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with a long horizontal stroke extending from the middle of the name.

Darin T. Dunham

Private Pilot, 3143715

Date: 7 Feb 2021; A/C: SR-20, N927PP; Serial #: 1367

Time in Service: 3240.4; Engine Model: IO-360-ES

**Serial #: 357636; Replaced upholstery on all four seats with
OEM replacement from SCS Interiors. ==END==**

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with a long horizontal stroke at the end.

Darin T. Dunham

Private Pilot, 3143715

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 03-19-2021 Logbook: Airframe Tail Number: N927PP

Model: SR20 Serial: 1367 Tach: 3241.8

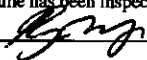
Repairs / Maintenance

- Inspected aircraft using 14 CFR Part 43 appendix d and the Cirrus service manual as a guide. Owner assisted in removing and replacing fairings, inspection panels, cowling. Cleaned and repacked wheel bearings. Checked all cables and fairleads, lubricated pivot points as needed.
- Complied with AD 08-11-18 by inspection as per SB 2X-78-07 R1, no leaks found next due 3341.8
- Throttle and mixture rod end to control arms both tightened and new cotter pins installed.
- Replaced air filter with new Brackett BA-24
- Checked ELT as required by 91.207d next battery due 3/2027
- Tightened all hardware attaching alternator and set tension on belt.
- Removed, cleaned and inspected gascolator.
- Performed capacity check on main battery. Failed. Owner installed new Gil 243 battery.

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION

. I certify this Airframe has been inspected in accordance with an annual inspection and found to be in airworthy condition **Ray Meyer**

AP3115846IA



Date: 12 Mar 2021; A/C: SR-20, N927PP; Serial #: 1367

Time in Service: 3241.8; Engine Model: IO-360-ES

Serial #: 357636; Replaced oil access door forward latch.

Part number H-5000-2. ==END==

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with a long horizontal stroke at the end.

**Darin T. Dunham
Private Pilot, 3143715**

Date: 28 Dec 21; A/C: SR-20, N927PP; Serial #: 1367

Time in Service: 3394.5; Engine Model: IO-360-ES

**Serial #: 357636; Resealed bottom edge of pilot's door
window. ==END==**

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with a prominent loop at the end of the last name.

Darin T. Dunham

Private Pilot, 3143715

Gann Aviation, Inc.

Aircraft Logbook Entry

02/09/2022 Cirrus SR20, N927PP

Performed 2yr IFR certification as required by CFR91.411 and 91.413 all

Test were done IAW FAR43 appendix E &F.

The altitude reporting system was tested to 20,000ft

Pilots PFD serial no. D1319

Standby Altimeter serial no. 389600

L3 NGT9000D+ Transponder s/n LXE11604

Signature: *R.D.*

CRS GHVR840X *****END*****

ALTIMETER TEST FORM

GANN AVIATION, INC. ALTIMETER TEST ALTIMETER / ENCODER CERTIFICATION STATEMENT		GANN AVIATION, INC. ALTIMETER TEST ALTIMETER / ENCODER CERTIFICATION STATEMENT	
TRANSPONDER CERTIFICATION STATEMENT			
For	Reads	Tot	
-1000	-970	20	
0	-70	20	
500	520	20	
1000	1010	20	
1500	1510	25	
2000	2000	30	
3000	2950	30	
4000	4000	35	
8000	8000	30	
8000	8000	30	
10000	9950	80	
12000	11950	90	
14000	13950	100	
16000	15950	110	
18000	17950	120	
20000	19950	130	
22000		140	
28000		180	
30000		190	
38000		205	
40000		230	
48000		285	
50000		290	

TESTED PER C.F.R. PART 43, APPENDIX E
 CERTIFIED REPAIR STATION NO. GHVR840X Date: 2-9-22

P/N PFD 5000 S/N D1319
 W/C 004501 AIRCRAFT SR20 N927PP

Print Name Ron Dary Signature *R.D.*

I certify that the altimeter and static system test required by 14C. F. R. part 91.411 have been performed. The altimeter was tested to 20,000ft feet altitude reporting encoder was tested to 20,000 feet. Test date: 2-9-22 Gann Aviation, Inc. Certified Repair Station No. GHVR840X

I certify that the Transponder Model No. NGT 9000D+ S/N LXE11604 installed in this aircraft has been tested, inspected and found to comply with the requirements of 14C. F. R. 91.413.
 Test date: 2-9-22 Gann Aviation, Inc. Certified Repair Station No. GHVR840X Rev G1

INSTRUCTIONS: Fill out in accordance with 14 CFR Part 43 Appendix E, 14 CFR Part 91.411 and 14 CFR Part 91.413

ALTIMETER TEST FORM

GANN AVIATION, INC. ALTIMETER TEST ALTIMETER / ENCODER CERTIFICATION STATEMENT		GANN AVIATION, INC. ALTIMETER TEST ALTIMETER / ENCODER CERTIFICATION STATEMENT	
TRANSPONDER CERTIFICATION STATEMENT			
For	Reads	Tot	
-1000	-950	20	
0	0	20	
500	495	20	
1000	990	20	
1500	1480	25	
2000	1980	30	
3000	2470	30	
4000	2970	35	
8000	3470	40	
8000	3470	40	
10000	3960	80	
12000	4960	90	
14000	5960	100	
16000	6960	110	
18000	7960	120	
20000	8960	130	
22000		140	
28000		180	
30000		190	
38000		205	
40000		230	
48000		285	
50000		290	

TESTED PER C.F.R. PART 43, APPENDIX E
 CERTIFIED REPAIR STATION NO. GHVR840X Date: 2-9-2022

P/N Standby S/N 389600
 W/C 004501 AIRCRAFT SR20 Cirrus/N927PP

Print Name Ron Dary Signature *R.D.*

I certify that the altimeter and static system test required by 14C. F. R. part 91.411 have been performed. The altimeter was tested to 20,000ft feet altitude reporting encoder was tested to 20,000 feet. Test date: 2-9-22 Gann Aviation, Inc. Certified Repair Station No. GHVR840X

I certify that the Transponder Model No. _____ S/N _____ installed in this aircraft has been tested, inspected and found to comply with the requirements of 14C. F. R. 91.413.
 Test date: _____ Gann Aviation, Inc. Certified Repair Station No. _____ Rev G1

INSTRUCTIONS: Fill out in accordance with 14 CFR Part 43 Appendix E, 14 CFR Part 91.411 and 14 CFR Part 91.413

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 02-10-22 N Number: 927PP Make and Model: Cirrus SR-20

S/N: 1367 Hobbs: 3408.9 TT: 3408.9

Completed an Annual inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Inspected ACK P/N E-01 S/N 046575 ELT I/A/W CFR 91.207(d) and found satisfactory. Main Battery due replacement **March, 2027**. Pressure checked exhaust system and found satisfactory. Drained and cleaned fuel strainer. Packed wheel bearings, serviced tires. Nose gear pivot pull test good 26lbs. Serviced brake master cylinder with fresh 5606 Hyd fluid. Installed a new Brackett BA-24 air filter.

C/W **AD 08-11-18** Amendment 39-15541 "Engine Exhaust/Heat Exchanger" found satisfactory. Due next at Hobbs: 3508.9

Performed AD note search and found aircraft to be in compliance with all applicable AD's through this date Tdata 2022-02.

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

Signature: _____

Richard A. Cason AP260136515IA*****END*****

Model: SR2
S/N: 1367
Reg. No: N927PP



Date: 14 MAR 2022

TT 3411.10
Tach 1397.90

Airframe

Maintenance Accomplished:

-Removed line cutters PN:26707-001 SN:8921/8998 dated 01/2016 and installed new line cutters PN:26707-001 SN:20314/20304 dated 01/22 Ref Cirrus CAPS CMM. Next due replacement 01/2028

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and are approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order #CIR1310

Signed: _____

Contour Aviation Maintenance.

Certified Repair Station

FJTR920D

Form CFM 007

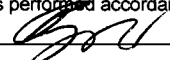
Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 08-25-2022 Logbook: Airframe Tail Number: N927PP

Model: SR20 Serial: 1367 TACH: 3505.0 TSO:

Repairs / Maintenance

- Connected SureFly SIM in Right Magneto position to battery circuit at battery box output stud before master solenoid with supplied Power Wire & Fuse (Surefly P/N 6C601) per STC SA04378CH and Manufacturer's Instructions (Document No. SF2001, Revision B). Affixed supplied placard to the aircraft's instrument panel in view of pilot. Performed post-installation checks per Manufacturer's Instructions.
- Inserted SureFly ICA's (Document No. SF1005, Revision #A for Engine & Document No. SF2005, Revision #B for Airframe) in aircraft's records.
Inserted SureFly AFMS (Document No. SF2006, Revision #B) in POH/AFM
- Weight and Balance change negligible.
- See 337 this date

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION. **Ray Meyer AP3115846IA** 

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 02-09-23 N Number: 927PP Make and Model: Cirrus SR-20

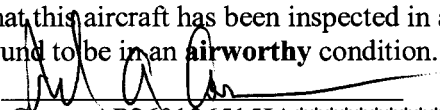
S/N: 1367 Hobbs: 3598.9 TT: 3598.9

Completed an Annual inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Inspected ACK P/N E-01 S/N 046575 ELT I/A/W CFR 91.207(d) and found satisfactory. Main Battery due replacement **March, 2027**. Pressure checked exhaust system and found satisfactory. Drained and cleaned fuel strainer. Packed wheel bearings, serviced tires. Nose gear pivot pull test good 26.5lbs. Serviced brake master cylinder with fresh 5606 Hyd fluid. Installed 4 new Cleveland 066-10600 brake pads. Installed a new Brackett BA-24 air filter.

C/W **AD 08-11-18** Amendment 39-15541 "Engine Exhaust/Heat Exchanger" found satisfactory. Due next at Hobbs: 3698.9

Performed AD note search and found aircraft to be in compliance with all applicable AD's through this date Tdata 2023-02.

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

Signature: 

Richard A. Cason AP260136515IA*****END*****

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

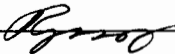
Date: 01-27-2023 Logbook: Airframe Tail Number: N927PP

Model: SR20 Serial: 1367 Hobbs 3592.2

Repairs / Maintenance

- Removed propeller and spinner to replaced cracked spinner backplate P/N C-3532-4P S/N 1805484. Replaced alternator belt with customer supplied belt. Re-installed propeller with serviceable back plate. Re-torqued nuts.

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION
ADMINISTRATION. **Ray Meyer AP3115846IA** _____



Date: 14 Apr 23; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3625.6; Replaced part numbers 50823-001
and 14929-001 in the engine control quadrant. Lubricated
with Aeroshell ASG22 synthetic lubricant. ==END==

A handwritten signature in black ink, appearing to read 'Ray Meyer', with a stylized, cursive script.

Ray Meyer
AP3115846IA

Southern Sky Aviation, LLC

4255 Eastlake Blvd. Birmingham, AL 35217 Phone: 205.703.9737

Reg: N927PP Model: Cirrus SR20 S/N: 1367 Hobbs: 3630.5 FLT: 1594.4 Date: 4/28/2023

WO# MXP-7862
AIRFRAME LOG ENTRY
CRS# 6KYR204D

- 1) **GAINED ACCESS TO CAPS COMPARTMENT. REMOVED EMPENNAGE COVER. REMOVED CAPS PARACHUTE CIRRUS PN 25574-001-REB SN 00288R1. REMOVED ROCKET MOTOR PN 29500-003 SN 0031. INSTALLED NEW ROCKET MOTOR ASSY 29500-405 CONTAINING NEW ROCKET PN 25337-006 SN 094 EXPIRE 1-24-2033 AND IGNITER PN TRM-350-018 SN 0522-11019. INSTALLED NEW PARACHUTE PN 25337-006 SN 0294 EXPIRE 1-10-2033. MOVED 2 LINE CUTTERS PN 26707-001 SNS 20304 AND 20314 FOR REMOVE CHUTE TO NEW CHUTE. INSTALLED NEW EMPENNAGE COVER. INSTALLED ALL REMOVED INTERIOR. FILLED AND PAINTED COVER AREA WITH SHERWIN WILLIAMS PN SWA-CM0570566-QT PAINT. ALL WORK DONE IAW CIRRUS SR20 CAPS CMM 95-01-01 AND AMM 51-30, 51-20.**
- 2) **REMOVED NECESSARY INTERIOR AND FLOOR PANELS. INSTALLED ROCKET SHELF GROUND WIRE KIT CIRRUS PN 70572-001. PERFORMED RESISTANCE TEST AND FOUND TO BE SATISFACTORY AT THIS TIME. REINSTALLED INTERIOR AND PANELS. ALL WORK DON E IAW CIRRUS SB2X-95-24R2.**

I certify that this aircraft, airframe, aircraft engine, propeller, or appliance has been inspected and repaired
In accordance with current Federal Aviation Administration regulations and is approved for return to service.

Authorized Signature: _____



Date 4/28/2023

Jason Mullikin
CRS# 6KYR204D

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 08-25-2023 Logbook: Airframe Tail Number: N927PP

Model: SR20 Serial: 1367 TACH: ACTT: 3705.8

Repairs / Maintenance

- Removed propellor and replaced spinner back plate with new customer provided P/N C-2294-5P S/N 2302678. Re-installed propellor with new O-ring P/N C-3317-228. Leak and function checked.

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION
ADMINISTRATION. Ray Meyer AP3115846IA 