AIRCRAFT LOG AF5-1

ALTIMETER & STATIC

MAKE: Cirrus MODEL: SR22 S/N: 2577 REG. NO: N682RM **WORK ORDER: 323344**

www.weststaraviation.com 532 Beechcraft Ave. Chesterfield, MO 63005 Tel. 636-681-5600

DATE: 7-10-2014 Hobbs: 791.4 ACTT: 719.6

I certify that the Aircraft Altimeter systems comply with FAR 91.411:

The Aircraft's Altimeter systems and altitude reporting equipment have been inspected in accordance with FAR 91.411 and found to comply with Appendices E and F of Part 43.

Altimeter/ADC No. 1:

Avidyne EXP5000 **United Instruments** P/N: 700-00006-000

S/N: 20004027 S/N: 467797

Tested to 20,000 ft

Altimeter, Standby: Encoder:

ACK

P/N:5934AD-3 P/N: A-30

S/N: 105961

Tested to 20,000 ft Tested to 20,000 ft

I certify that the Aircraft Transponder system complies with FAR 91.413:

The Aircraft's ATC Transponder system has been tested and inspected in accordance with FAR 91.413 and found to comply with Appendix F of Part 43.

Garmin GTX-327

P/N: 011-00490-00

S/N: 83728443

The integrity of the static pressure system has been checked and found to comply with FAR 23.1325(b)(2)(ii) The integrated automatic pressure altitude reporting system (data correspondence) has been tested, inspected, and found to comply with paragraph (c), appendix E, of part 43.

Complied with the 12 month ELT inspection IAW FAR Part 91, Subpart C, §91.207(d)1-4. Inspection and tests conducted IAW Artex ME406 Series Emergency Locator Transmitter Description, Operation, Installation and Maintenance Manual Document # 570-1600 Rev. R, Oct 03, 2013, Section - Test and Fault Isolation, 1.A. ELT: ME406, P/N 453-6603, S/N 04123. Battery: P/N 452-6499, S/N 355056-154, Expiration Date: ALIC/2010 Expiration Date: AUG/2019.

"I certify that this Airframe has been inspected or repaired in accordance with current FAA Regulations, and is

Approved for Return to Service with respect to the work performed " Pertinent pletails on file at this repair station under above noted work order.

Ken Schnurbusch, Inspector for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

		ALTII	METER & ST F.A	ATIC 5YS .R. 91.411	LEW CHE	.Cr
TE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	
	Reg: 11/16 Date: 11/16 TTSN: 377.4 The ALtimeter, Pitot, S found to be in compliar 91.411. Tested to 20 The ATC Transponder Appendix F, as required	tatic and Altitude Face with FAR43, And the face with FAR43, And the face with FAR43, And the face with the face w	Reporting Systems have ppendix E and F, as re	equired by FAR		
	NEXAI	R AVIONIC	S CRS:N4OF	R087B WO:≤	3123	
	,	,				

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 LOG ID# 1129 20-March-2018 WO# 4177 AC TT 1139.7 HOBBS 1232.6 **SR22 CIRRUS** S/N 2577 N682RM

Pg 1/1

THE ALTIMETER P/N (700-00006-000) S/N (20004027), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 20,000 FT.

THE ALTIMETER P/N (5934AD-3) S/N (20004027), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 20,000 FT.

THE ATC TRANSPONDER P/N (200-00269-000) S/N (04233), HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

NOTE: WORK ORDER 4177 ON FILE

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

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ATE OF (PLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERV
	F. C'	WEST/STAR	
	E: Cirrus	AVIATION	DATE: 5-23-2014
70	EL: SR22	www.weststaraviation.com	Hobbs: 747.1
S/N: 2		532 Beechcraft Ave	FLT HOBBS: 682.3
	NO: N682RM	Chesterfield MO, 63005	
	ORDER: 323136	Tel.636-681-5600	
R	emoved left and right	brake assys, Cleaned and resealed found all brake linings worn be	eyond limits, installed new linings,
rei	nstalled brake assys a	pplied 2ea temp indicators and bled brakes all work IAW Cirrus S	R22 AMM 32-40.
Gre	ound run ops and leak	checked good at this time	
10	ertify that this Airfran	ne has been inspected or repaired in accordance with Current FAA	A Pegulations and is approved for
ite	diri to service with re	espect to work preformed" Pertinent details on file at this repair state	ion under above noted work order.
	Signed: Clu	A GOV	4 ' ' ' - 1 - 1 - 1 - 0 DO DA TROCOLL 6
	SA.145.5079	Chris Poll, Service Manager for West Star	Aviation, Inc. for CRS PAZR068H &
μαί	je1of 1		
		Dama 4 of 4	
		Page 1 of 1	
		*	
3			
,			
	1		

Date: 06/12/14 CIRRUS SR22 N682RM SN: 2577

T/S defective #1 GNS430W GPS to bad GPS/XM antenna. Removed Comant CI-428-410 antenna. Replaced with s/n: 454252. Sealed antenna and performed functional ground checks.

This aircraft was inspected in accordance with applicable maintenance rules and current FAA Regulations. With regard to the work performed, this aircraft is approved for return to service.

Details on file under WO# I 25169.

CRS# IXMR980Y

DECODD

DATE: 07-11-2014

Hobbs: 791.4

Flt Hobbs: 719.6

MAKE: Cir MODEL: SRZ

S/N: 2577

REG. NO: N682RM WORK ORDER: 323344 www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005

Tel.636-681-5600

Completed Annual Inspection IAW SR22 AMM 13773-001 Reissue B May 31,2011 Chapters 5-20 & 5-30

Removed and replaced #2 Essential batteries 2ea p/n 50979-001 IAW Cirrus AMM CH 24-30

Removed Inflatable restraint module due P/N 508358-421 S/N A0407 Installed inflatable restraint module P/N 508358-421 S/N

A0614 IAW Cirrus SR22 AMM 25-10

Adjusted nose gear swivel tension to 25lbs IAW Cirrus SR 22 AMM.32-20-00

Serviced Portable O2 Bottle to 1750 PSI

All A.D.'s current as of this date.

Ground run ops and leak checked satisfactory

I Certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work preformed" Pertinent details on file at this repair station under above noted work order.

Signed:

Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H &

EASA.145.5079 page1of 1

Page 1 of 1

MAKE: Cirrus Design Corp MODEL: Sr22 S/N: 2577 REG. NO N682RM WORK ORDER: 0868-07-2014 201.4/1.1/305

Hildt Aviation

22 Jetway Drive Albany, NY 12211 Phone. 518-618-0750 DATE: 7/22/2014 A/C TSN. HOBBS: 801.9

Airframe Entries

·REMOVED EXISTING GARMIN GMA 340 AUDIO PANEL AND INSTALLED NEW FAA/TSO CUSTOMER SUPPLIED PS ENGINEERING PMA800BT PN: 050-890-0702 SN: CBT3184 I/A/W PS ENGINEERING INSTALLATION MANUAL DOCUMENT PN: 200-890-1702 DATED APRIL 2011. GROUND OPS CHECK SATISFACTORY.

Maintenance Release

The aircraft and/or component(s) on N682RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair shop under Work Order No. 0868-07-2014, Dated 7/22/2014.

DATE: 7/22/2014

Jamie Hildenbrandt, A&P 3039160

SICHED:

Work Order: 0868-07-2014

Printed by EBis 3 (datcomedia.com)

DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
WII ELLI			

MAKE: Cirrus MODEL: SR22 S/N: 2577

REG. NO: N682RM **WORK ORDER: 323430**

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600

DATE: 7-30-2014 HOBBS: 809.9 Flt HOBBS: 734.5

Cleaned and prepped left and right wing leading edges, replaced LH and RH wing leading edge tape IAW Cirrus Service Bulletin SB

Cleaned and prepped left and right Horizontal leading edges, replaced LH and RH horizontal leading edge tape IAW Cirrus Service Bulletin SB 2X-51-02.

"I certify that this Airframe has been inspected in accordance with current FAA Regulations, and is Approved for Return to Service with respect to the work performed "

$\Omega \Omega \subset$	Pertinent details on file at this repair station under above noted wor	k order.
Signed: Make	Chris Poll, Inspector for West Star Aviation, Inc.	for CRS PAZR068H & EASA.145.5079
	Page 1 of 1	

COMPLETION

MAKE: Cirrus MODEL: SR22

S/N: 2577

REG. NO: N327AM

WORK ORDER: 323762

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600

WUKK UKDER: 323702
Removed right wheel pant and removed brake caliper inspected found pins would not slide cleaned and lubricated pins and pins kemoved right wheel part and removed shall blue and yellow temp indicators p/n 51698-001 and p/n 51698-003 ops and leak slide holes reinstalled caliper and pads. installed Blue and yellow temp indicators p/n 51698-001 and p/n 51698-003 ops and leak

checked brakes good at this time serviced all tires to proper inflation Nose 40 psi mains 62 psi all work iAW Cirrus SR22

AMM 32-40-00

I Certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for reformed" Pertinent details on file at this repair station under above noted work order. Return to Service with respec

Signed:

Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H &

PROP MAKE: Hartzell

PROP MODEL: PHC-J3Y1F-1RF

PROP S/N: FP5837B REG. NO: N682RM

WORK ORDER: 323961

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600

DATE: 10-08-2014

DATE: 9-04-2014

Flt. Hobbs: 747.1

HOBBS: 823.6

Hobbs: 846.6 Flt Hobbs: 762.8

R&R 3ea propeller de-ice boots p/n 15326-003 IAW SR22 AMM 30-60-00

Ground run ops and leak checked good at this time.

"I certify that this Propeller has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work preformed. Pertinent details on file at this repair station under above noted work order.

Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H & EASA.145.5079

Page 1 of 1

TE OF PLETION

IN SERVICE

OR APPROVED DATA USED

WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus MODEL: SR22 S/N: 2577

REG. NO: N682RM **WORK ORDER: 324125**

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600

DATE: 10-30-2014 HOBBS: 855.6 FLT Hobbs: 769.7

olat

pla

uct.

Installed LoPresti Boom Beam landing light p/n LSM-500-082-19 Rev. J per STC #SA02279AT and LoPresti Boom Beam installation instructions manual LSM-500-082 Rev. M. Ops checked ok.

I Certify that this Airframe has been inspected or repaired in accordance with Current FAA Regulations, and is approved for Return to Service with respect to work preformed

"Pertinent details on file at this repair station under above noted work order.

Signed: EASAEASA.145.5079

Ideal Aviation

Chris Poll, Service Manager for West Star Aviation, Inc. for CRS PAZR068H & DATE: 4/8/2015 A/C TSN: FLIGHTTIME: 814

MAKE: Cirrus Design Corp MODEL: Sr22 S/N: 2577

REG. NO: 682RM WORK ORDER: 5052

2100 Vector Dr. Cahokia, IL 62206 Phone: 618-337-3400

Airframe Entries

(1) Owner reports Avidyne/Autopilot keeps working after BATT. FAIL. Moved jumper wire per instructions from Jim Baker, Aviation Resources.... (4) At owner's request, replaced landing light ballast and cowl-side landing light harness with owner-furnished parts. Ballast P/N on: LSM-SCD-019-5 Rev G, S/N on: 52900; P/N off: LSM-SCD-019-5 Rev E, S/N off: 51896. Harness P/N on: LSM-500-336-21, P/N off: LSM-500-336-21.

Technicians Who Worked On The Items Listed Above: Kyle Mitchell Householder, Paul Douglas Keck

Maintenance Release

The aircraft and/or component(s) on 682RM was repaired and inspected in accordance with current FARs rules 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 under Work Order No. 5052, Dated 4/8/2015.

DATE: 4/8/2015

SIGNED: Paul Douglas Keck, A&F Work Order: 5052

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AIRCRAFT TIME IN SERVICE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus MODEL: SR22 S/N: 2577 REG. NO: N682RM

WORK ORDER: 324125

WEST/STAR

www.weststaraviation.com 532 Beechcraft Ave Chesterfield MO, 63005 Tel.636-681-5600 DATE: 10-30-2014 HOBBS: 855.6 FLT Hobbs: 769.7

March 12, 2015

N682RM

CIRRUS SR22 G3

S/N 2577

FLIGHT 806.7 Hrs

Accessed and removed #2 batteries, tray and shelf. Installed new shelf, tray and batteries as installed on Cirrus IPC in serial number range 3026 thru 3402. Parts installed: 21062-001 battery box, 19040-101 battery shelf (structural work by Ross Robillard at Midwest Aircraft Refinishing,) (2) NP12-12T 12Volt 12Ah batteries. Fabricated relay mount panel per factory sample and installed. Rewired pitch trim, roll trim and turn coordinator #2 from the main bus to the essential bus. #2 battery system standby rating at current load maximum .90 hours and 1.15 hours at minimum load. Original load resulted in .59 hours and .78 hours of battery life. (reference Cirrus WDM chapter 91-00 and 24-50-02). Weight and Balance updated: added 6.33 pounds at 230" New W&B 2354.83 Lbs Arm 138.3" and 325679.31 Moment Useful load 1045.17 Lbs. See FAA form 337 dated 3-12-2015 for structural work.

THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P 2755069

Hangar

(715) 822 5787 (715) 491 1303

Cell Email

jim@aviationvibes.com

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

www.aviationvibes.com

Technicians Who Worked On The Items Listed Above: Kyle Mitchell Householder, Paul Douglas Keck

Maintenance Release

The aircraft and/or component(s) on 682RM was repaired and inspected in accordance with current FARs rules 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 under Work Order No. 5052, Dated 4/8/2015.

DATE: 4/8/2015

SIGNED: Paul Douglas Keck, A&P 3336852

Work Order: 5052

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F.M.N. マン・フ

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DATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO.
COMPLETION	IN SERVICE	ON ATTROOPS STATE	WORK PERFORMED/RETURNED TO SERVICE
-			
		BYERLY AVIATION, INC. 6100 E.M. DIRKSEN PKWY. PEORIA, IL 61607 (309) 697-6300	
Rem cow right rem	ling. Jack aircra t main and repl oved aircraft fr ify that this work	cowling and replaced number 1 EGT ops. Ch ft removed both main wheels grease wheel aced one hot brake decal. Reinstalled both I	bearings, balance main wheels and rthy condition
	ir station 9BYR810		
			1

MAINIENANCE KECORD F.A.R. 43.9

DATE OF	ON	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO.
(UNI S				WORK PERFORMED/RETURNED TO SERVICE
		,		
_			WEST/STAR	
	••••	: Cirrus	MAVIATION	DATE: 6-05-2015
_		EL: SR22	www.weststaraviation.com	Hobbs: 0915.0
	S/N: 2		532 Beechcraft Ave	FLT Hobbs: 0826.3
_	REG. N	IO: N682RM	Chesterfield MO, 63005	
	WORK	ORDER: 325762	Tel.636-681-5600	
_				
	Ren	noved LH Wheel asser	mbly P/N 40-406, replaced LH main tire with new P/N 156E66-4 S/	N 41762380- IAW Cleveland
			AWBTSG0001 and reinstalled original wheel assy IAW Cirrus SR2	
_		tire off 156E66-4 s/n		2 IVIIVI 52-41-00.
_				
-			d Left brake assemblies, checked brake linings and discs for wear.	
	plat	e cracked and missing	lining material, Installed new linings p/n 066-06200 on right press	sure plate. Work done per Cirrus SR22
-	M.N	1. chapter 32-42-00.		
	I cei	tify that this Airframe	has been inspected or repaired in accordance with Current FAA F	Regulations, and is approved for
•			Dect to work preformed" Pertinent details on file at this repair station	
		ed: Chus	Chris Poll, Service Manager for West Star Avia	
•		A.145.5079	Ciliis Poli, Service Mariager for West Star Avia	tion, inc. for CR3 PAZROSOFT &
	100.00	21 of 1		
•	page	31011		
			Page 1 of 1	

F.A.K. 43.9

	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO
DATE OF OMPLETION	IN SERVICE	OR APPROVED DATA	
MAKE: Cirrus MODEL: Sr22 S/N: 2577 REG. NO: N6 WORK ORDE	82RM	Ideal Aviation 2100 Vector Dr. Cahokia, IL 62206 Phone: 618-337-5845	DATE: 8/13/2015 A/C TSN: 841.4 FLIGHTTIME: 841.4
Airframe l	Entries		
accordance w (5) serviced fi (10) serviced (11) complied (13) Installed (16) Installed (19) Installed (20) Installed (21) serviced (24) Installed (25) Installed (26) Complied (29) Installed (31) weighed	ith Cirrus maintenance mailel sediment bowl & screer all wheel bearings. with F.A.R. 91.207, ELT in new 16922-002 rh wing ott new w1290-28 nav light bu 6 new 13386-001 nose genew 21892-001 rh muffler. primary battery & inspecte new Cleveland 164-02504 in with SB2X-28-12, electric new In elevator otbd hinge fire extinguisher, ok @ 505 fire extinguisher.	iternal corrosion & "G" switch function ck & found to be serviceable at this time od fuel vent panel. ilb in the rh position. ar pucks & new 18380-001 bumper.	e.
Maintenance	Release		
The aircraft a was found Air 5173, Dated 6	worthy for return to service 3/13/2015.	32RM was repaired and inspected in accordance with current FARs rules of the with respect to work performed. Pertinent details of the repair are on file at IGNED:	ne Federal Aviation Regulations and this facility under Work Order No. Work Order: 5173
	Re	ay Manipole, Ia 395161 Prin	nted by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

MAKE: Cirrus Design Corp MODEL: Sr22 S/N: 2577 REG. NO: N682RM WORK ORDER: 2910-12-2015



Classic Aviation, Inc.

501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 1/20/2016 A/C TSN: 844.7 HOBBS: 844.7

Airframe Entries

ETIC

(3) Installed new TKS filter P/N- 26115-101. Filter installed with (2) new sealing rings P/N- 15164-092. Performed operational and leak check, no leaks noted at this time and system is operating properly.... (6) Installed new alternate air flapper valve bolt P/N-AN3-34. Performed operational check and found to be operating properly.... (7) Removed Pilot's and Co-Pilot's seat. Removed both left and right side panels as needed to access throttle quadrant. Reinstalled safety pin in to friction lock bolt as needed. Reinstalled side panels and both seats. Tested airbag seatbelts with AmSafe tester and found to be operating properly. Engine control quadrant friction lock operates properly.... (8) Installed new wire harness P/N- 12459-002 for CAPS handle lighting. Performed operational check and found to be operating properly.... (9) Installed new cabin door struts P/N- 18200-003 on both left and right doors. Lubricated and rigged both door latches as needed. Performed door latch function test found to be operating properly.... (10) Installed new rudder control arm rod end P/N- 11315-004 at rudder.

SIGNED: Z / H	Work Order: 2910-12-2015
Wm. Haven Hick, IA: 3428785	Printed by EBis 3 (datcomedia.com)
"Water Liver to the Control of the C	
	SIGNED: Wm. Haven Hick, IA: 3428785

NEXAIR AVIOUS ELC 246 SOUTHMEADOW ROAD PLYMOUTH, MA 02360 N4OR087B LOG ID# 509 11-August-2016 WO# 3420 HOBBS 1063.1

S/N 2577 N682RM

CIRRUS

SR22

TACH 970.2

Pg 1 / 1

REMOVED HARTZELL ALTERNATOR # 1 PN:ES-10024 SN:H042132. INSTALLED NEW HARTZELL ALTERNATOR # 1 PN:ES-10024 SN:H-Q070161. OPS CHECK PERFORMED ALL READINGS SATISFACTORY.

CHRISTOPHER MORERG 8/11/2016 Date

AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GARMIN GNS430 NAV/COM/GPS I P/N:UII-UIU6U-UU S/N: 23402880, GARMIN GNS430 NAV/COM/GPS 2 P/N:011-01060-00 S/N: 2340268. GARMIN GTX 327 TRANSPONDER P/N:011-00490-00 S/N:83728443. BENDIX/KING EGPWS TERRIAN SYSTEM P/N:965-1198-005 S/N:6159. A-30 ENCODER P/N:A-30 S/N:105961. ALL RADIOS REMOVED COMPLETE.

INSTALLATION OF: AVIDYNE IFD 540 GPS/NAV/COM (1),P/N: 850-00182-000 SN: M160181152 AND AVIDYNE IFD 440 GPS/NAV/COM (2),P/N:850-00179-000 SN: M160181269. INSTALLED AVIDYNE AXP 322 REMOTE TRANSPONDER P/N:850-00222-000 S/N: 04233 WITH NEW TRANSCALL ENCODER P/N: SSD120-30N-RS232 S/N:SRN20849. INSTALLED AVIDYNE MLB 100 ADS-B RECIVE P/N:850-00223-000 S/N: 15360043.

INSTALLED NEW SOFTWARE ON AVIDYNE 540 AND 440 BRINGING UNITS UP TO LATEST LEVEL 10.1.2. INSTALLED NEW SOFTWARE ON MLB 100 BRINGING UNIT UP TO LATEST LEVEL 4.0.9. INSTALLED NEW SOFTWARE ON TO AVIDYNE MFD BRINGING UNIT TO THE LATEST LEVEL 8.1.1.

ALL RADIO AND SYSTEMS OPERATIONS CHECK OK IAW APPLICABLE MFG. - FLIGHT TEST PERFORMED, ALL SYSTEMS OPERATING TO SPECIFICATIONS. SEE FAA FORM 337 THIS DATE.

NOTE: WORK ORDER #3123 ON FILE, EQUIPMENT LIST AND WEIGHT & BALANCE UPDATED.

ANDREW O'SHEA

Mansfield Airport(1B9) 265 Fruit St Mansfield, MA 02048

CRS# N4OR087B

N682RM Dec 09, 2016

Hobbs: 1012.6 WO# 3564 F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
			·
NexAir Avi LOG ID# 35 N682RM	onics LLC 265 FR 57 07-March-2016 S/N 2577 CIRR		_
NOOZKW			Pg 1 / 1
P/N:011-0049	90-00 S/N:8372844	THE REMOVAL OF: GARMIN GNS430 NAV/COM/GPS 1 P/N:011 COM/GPS 2 P/N:011-01060-00 S/N: 2340268. GARMIN GTX B. BENDIX/KING EGPWS TERRIAN SYSTEM P/N:965-1198-00 ALL RADIOS REMOVED COMPLETE.	227 TD4115 D4115
P/N: 850-0022	22-000 S/N: 04233	540 GPS/NAV/COM (1),P/N: 850-00182-000 SN: M160181 0179-000 SN: M160181269. INSTALLED AVIDYNE AXP 322 WITH NEW TRANSCALL ENCODER P/N: SSD120-30N-RS232 S -B RECIVE P/N:850-00223-000 S/N: 15360043.	
	W SOFTWARE ON AVI ON MLB 100 BRING UNIT TO THE LATE	DYNE 540 AND 440 BRINGING UNITS UP TO LATEST LEVEL ING UNIT UP TO LATEST LEVEL $4.0.9$. INSTALLED NEW SST LEVEL $8.1.1$.	10.1.2. INSTALLED — OFTWARE ON TO AVIDYNE
ALL RADIO AN OPERATING TO	D SYSTEMS OPERATI SPECIFICATIONS.	ONS CHECK OK IAW APPLICABLE MFG FLIGHT TEST PER SEE FAA FORM 337 THIS DATE.	FORMED, ALL SYSTEMS
NOTE: WORK O	RDER #3123 ON FIL	E, EQUIPMENT LIST AND WEIGHT & BALANCE UPDATED.	_
ANDREW O'SHE	3/A Date	1/16	_
	NEAL	265 Fruit St Mansfield, MA 02048 CRS# N4OR087B Dec 0 Hobbs	N682RM 09, 2016 : 1012.6 O# 3564 Airframe
Re	place catch diverter/r	ction IAW Cirrus SR22 AMM & AMM Checklist. Removed and re. Removed and replaced TKS filter P/N 26115-101 and o-ring P/N od ends IAW Cirrus SB 2X-52-08R2. EMA controller sent to AmSa 01/2024. Updated the airworthiness directives through Bi-wee	15164-092.

24. C/W ELT inspection per FAR 91.207(d), no discrepancies noted. Battery due: Sept 2019. Serviced and charged main battery. Installed Beringer brakes IAW cirrus SB 2x-32-21 and STC SA03372NY.

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

Authorized Signature

Michael Rearick

TE NO. D TO SERVICE

NEXAIR AVIONICS LLC 246 SOUTH MEADOW ROAD PLYMOUTH, MA 02360 N4OR087B LOG ID# 609 25-August-2016 WO# 3564/17 AC TT 1012.6 HOBBS 1105.5 N682RM S/N 2577 CIRRUS SR22

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TO FACILITATE INSTALLING AN ALPHA SYSTEMS A.O.A. SYSTEM, (PN:DSTR-AOA-9600K), THE FOLLOWING WORK WAS PERFORMED: REMOVED EXISTING INSPECTION PANEL ON THE LEFT WING AND INSTALLED CIRRUS ELIPTICAL MOUNTING PLATE DSTR-AOA-4150. PROBE ANGLE IS SET TO 40 DEGREES. PROBE MOUNTING BOLT WAS TIGHTENED, SET SCREW WAS INSTALLED AND THE MOUNTING PLATE WAS REINSTALLED. SUCCESSFULLY PREFORMED A STRUCTURAL ANALYSIS AND STATIC TEST IAW AC43.13-2B CHAPTER 1. ROUTED TWO SENSE LINES FROM PROBE IN THE LEFT WING TO THE PILOT'S FLOOR PANEL IAW AC43.13-1B CHAPTER 12 SECTION 4 PARAGRAPH 61(A&B). INSTALLED THE PROBE (PN:AOA-4051) TO THE PROBE MOUNTING PLATE AND CONNECTED THE SENSE LINES. INSTALLED THE PROBE ASSEMBLY TO THE OPENING ON THE LEFT WING. INSTALLED AN ALPHA SYSTEMS AOA INDICATOR (PN:DSTR-AOA-9075K) ON THE GLARE SHIELD. INSTALLED AN ALPHA SYSTEMS AOA INTERFACE MODULE(PN:DSTR-AOA-9600K, SN:AOA15160-14) ON THE PILOT'S KICK PANEL IAW AC43.13-1B CHAPTER 1, AC43.13-2B CHAPTER 1 AND CHAPTER 2 PARAGRAPHS 201,202, 204 & 207. INSPECTED THE ALPHA SYSTEMS A.O.A. INSTALLATION AND PERFORMED THE INITIAL SYSTEM POWER UP. PERFORMED THE (ON THE GROUND) ZERO PRESSURE SET POINT CALIBRATION AND (ON THE GROUND) BRIGHTNESS CALIBRATION PROCEDURES. A FLIGHT EVALUATION WAS ACCOMPLISHED AND SUCCESSFULLY COMPLETE THE IN-FLIGHT CALIBRATION PROCEDURE. ADDITIONALLY ALL WORK DESCRIBED ABOVE WAS DONE IAW THE ALPHA SYSTEMS INSTALLATION AND OPERATIONS MANUAL AND IAW SET PROBLEMENTARY OF THE ALPHA SYSTEM IS USED IN AN ADVISORY OR SUPPLEMENTARY MANNER. THE SYSTEM SHALL NOT BE USED IN LIEU OF THE AIRSPEED INDICATOR OR AIRCRAFT STALL WARNING SYSTEM.

ALL SYSTEMS OPERATIONS CHECK OK IAW APPLICABLE MFG. - FLIGHT TEST PERFORMED, ALL SYSTEMS OPERATING TO SPECIFICATIONS. NOTE: WORK ORDER # 3564 ON FILE.

N40KU87B DAVID MCKINNON

MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE DESCRIPTION OF WORK PERFORMED AIRCRAFT TIME DATE OF OR APPROVED DATA USED COMPLETION NEXAIR AVIONICS LLC 246 SOUTH MEADOW ROAD PLYMOUTH, MA 02360 N4OR087B LOG ID# 626 23-December-2016 WO# 3564 HOBBS 1107.0 N682RM S/N 2577 CIRRUS SR22 TACH 1014.1 Pg 1/1 REMOVED AVIDYNE IFD 440 NAV/COM/GPS # 2 PN:700-00179-000 SN:M160181269. INSTALLED AVIDYNE IFD 440 NAV/COM/GPS # 2 PN:700-00179-000 SN:M160583548. OPS CHECK GOOD.

NexAir Avionics LLC 265 FRUIT STREET MANSFIELD, MA 02048 N4OR087B LOG ID# 875 24-August-2017 WO# 3951 AC TT 1178.4 HOBBS 1178.4 N682RM S/N 2577 CIRRUS SR22 TACH 1085.5

Pg 1/1

A. A. C.

UPDATED IFD540 S/N M160181152 AND IFD440 S/N M160583548 TO SOFTWARE VERSION 10.2.0.0 IN ACCORDACNE WITH AVIDYNE SERVICE BULLETIN 601-00182-034 REV 01 DATED 10 MARCH 2017. UPDATED IFD440 S/N M160583548 IN ACCORDACNE WITH AVIDYNE SERVICE BULLETIN 601-00182-035 REVISION 00 DATED 06 MARCH 2017 AND AVIDYNE SERVICE BULLETIN 601-00182-040 REVISION 00 DATED 02 MAY 2017. UPDATED SKYTRAX 100 S/N 15360043 IN ACCORDANCE WITH AVIDYNE SERVICE BULLETIN 601-00182-041 REVISION 00 DATED 12 JUNE 2017 AND AVIDYNE SERVICE BULLETIN 601-00000-004 REVISION 00 DATED 23 MAY 2017.

RECHARGED AIR CONDITIONING SYSTEM IN ACCORDANCE WITH CIRRUS AMM CHAPTER 12-10.

NOTE: WORK ORDER 3951 AND WORK ORDER 3955 ON FILE

N4OR087B DAVID FETHERSTON

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

N4OR087B DAVID MCKINNON

INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION-STATUS & DR.

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
	IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
(The second secon	Committee of the commit
	'N682RM CIRB	.US SR22 S/N:2577 HOBBS: 1185. ACFT TOTAL TIME: UNK. 'REMOVED AND -
	REPLACED A/C	BATTERY AFTER TOP CHARGE AND HYDRO TEST. *PERFORMED OPS CHECK ON AUX
	PUEL PUMP. NO	DISC. NOTED. 'I Certify the work described above was performed and
	Inspected in	accordance with Federal Aviation Administration Regulations and was
	found to be i	n 'Alrworthy Councillian Pertinent details are on file at this Benzir
	Station SIG	BATTERY AFTER TOP CHARGE AND HYDRO TEST. PERFORMED OPS CHECK ON AUX DISC. NOTED. Y Certify the work described above was performed and accordance with Federal Aviation Administration Regulations and was n "Airworthy condition" Pertinent details are on file at this Repair W.O. #7132 Date: 09/19/17 'IMAGE AIR Central onal Airport at Bloomington-Normal, Bloomington, IL 61704 FAA
	Illiunie Peni	onal Birnort at Ribonington-Normal Riconington II 61704 PAR
	Titing a gard	ir Station BNGR539C
	whitenen webg	TI DIGITUM DNVAJOJC
		ARAPAHOE AERO
12	760 EAST CON	TROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
	N682RM	Cirrus SR22 S/N: 22-2577 Airframe Log Entry
06 N		Flight Hobbs: 1110.0 Hobbs: 1202.9
no Mon	ember 2017	Fight Hobbs: 1110.0
Remove	ed and inspected	left main tire. Torqued left main tire valve core. Serviced tire and reinstalled on
aircraft.		
an Crart.		Randy J. Knox Jr. A-3-P 3227973 w/o 38503
1	DONN	Randy J. Knox Jr. A&P 3227973 w/o 38503
	1	Edition Control of the Control of th
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Plymouth Airport (KPYM) 246 South Meadow Rd Plymouth, MA 02360 CRS# N4OR087B N682RM MARCH 23, 2018 Total Time: 1139.7 Hobbs: 1233.5

> WO# 4177 Airframe

SERVICE

Completed annual inspection IAW Cirrus SR22 AMM & AMM Checklist. Updated the airworthiness directives through Bi-weekly issue 2018-16 C/W ELT inspection per FAR 91.207(d), no discrepancies noted. Battery due: Sept 2019. Serviced and charged main battery. Repaired chip on upper right wing. Calibrated magnetomerter next due 04/2020. Disassembled, cleaned, inspected and reassembled gascolator with new o-ring P/N MS29513-137 and Stat-O-Seal P/N NAS1523-8B. Replaced clip P/N 13641-001 on both MLG upper fairings. Replaced right hand O/B sump drain P/N 25038-001. Replaced missing heat shield on lower engine cowls. Removed Avidyne transponder P/N 850-00222-000 S/N 04233, returned to Avidyne and reinstalled after service bulletin 601-00000-003 modification. Updated IFD 540 and IFD 440 GPS/NAV/COM in accordance with Avidyne service bulletin 601-00182-034. Resealed antennas. Replaced ELT remote switch battery P/N PX28L, next due 04/2023. Removed fire extinguisher P/N RT-A400 S/N U122260 and installed new P/N RT-A400 S/N Y-486724.Removed semi-portable oxygen bottle and regulator assembly and sent to Precise Flight for overhaul.

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

Authorized Signature

Michael Rearick CRS# N4OR087B

agnetomerter next due
N MS29513-137 and Statd right hand O/B sump
ne transponder P/N 850-003 modification.
01-00182-034. Resealed
extinguisher P/N RTexygen bottle and
determined to be in

HERITAGE



N682RM Cirrus SR22 S/N: 2577 Airframe Hours: 1143.2 Flt. Hobbs (1236.1 Hobbs)

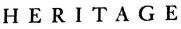
- Reversed alterations to #2 battery system described on FAA Form 337 dated 03/12/2015. Installed
 Serviceable #2 battery shelf assembly P/N 20098-001A, new battery enclosure box P/N 14218-001, and new
 #2 batteries P/N 50979-001. Work accomplished per Cirrus AMM Chapters 51 & 24. (#2 batteries next due
 for replacement 7/2020)
- Reversed alterations to the aircraft power distribution buss as described in Airframe Log entry dated March 12, 2015. Work accomplished per Cirrus AMM Chapter 24 and AWM Chapter 20.

These repairs restore the aircraft to its original Type Certificated condition in respect to the work performed. ICA in block 8 of FAA Form 337 dated 03/12/2015 is no longer valid. Refer to airframe manufacturer's original inspection requirements. Aircraft Weight and Balance records were revised.

"The above items were complied with per the "Manufactures Maintenance Procedures". This aircraft/engine is "Approved for Return to Service" for work performed.

Date: 07/19/2018 Sign:

Josh Rock for CRS IGXR989E WO#SH20721





N682RM Cirrus SR22 S/N: 2577
Airframe Hours: 1143.2 Flt. Hobbs (1236.1 Hobbs)

- Access and remove BRS parachute asssembly P/N 20331-001/D, S/N 02868 for exchange and rocket assembly P/N 21814-001, S/N 3481 for disposal.
- Install parachute P/N 25574-004-REB, S/N 03764R1 Rebuilt by Cirrus Design Corp, WO# 170739 dated 11/Apr/2018. Ref. the SR22 MM CH 95-01-01 (chute certification expires April 10, 2028).
- Install new Rocket Motor Assy P/N 29500-003, SN 3122. (Mfg. date 16/Apr/2018, Expires 16/Apr/2028) Reference the Cirrus SR22 MM CH 95-01-01.
- C/W SB2X-95-18R4, dated Aug. 31, 2017, installation of new design rocket launch system kits (P/N 29705-402 Frangible link Assy.), (P/N 70268-002 retrofit electronic ignition kit / Avidyne), and (P/N 70271-001, G5 rocket retrofit kit).
- C/W SB2X-95-24R1 CAPS rocket shelf ground by installation of kit P/N 70572-001 IAW provided instructions.
- Update W&B in AFM/POH and inserted Temporary Revision TPOH 13-08R1 in AFM/POH.

Installed new Line Cutters Kit P/N 25347-002 with Mfg date of May 2018 (line cutters expires May 2024) Reference the Cirrus SR22 MM Ch 95-01-01.

"The above items were complied with per the "Manufactures Maintenance Procedures".

This aircraft/engine is "Approved for Return to Service" for work performed.

Date: 07/19/2018 Sign: _______Josh Rock for CRS IGXR989E WO#SH20721

F.A.R. 43.11 – 91.409 KIND OF INSPECTION-STATUS & DISCREPANDE OF THE PROPERTY OF THE PROPERTY

	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
NexAir Avionics LLC OG ID# 1405 30-Oc 1682RM S/N 2577 Hight Time 1175.6	246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 tober-2018 AC TT 1268.5 HOBBS 1268.5 CIRRUS SR22
STALLED LONE STAK AV 243 S/N GO2806719 AN ECKS SATISFACTORY.	VIONICS CCOLING FAN P/N LS03-03035-1 S/N 004-003245. REMOVED MAIN BATTERY P/N D INSTALLED NEW MAIN BATTERY P/N G-243 S/N G03006622. SYSTEM OPERATIONAL
TE: WORK ORDER 5416	
	그는 그는 아이는 아이들은 전 그렇게 많아 들겠다면 이 이번 이 그리고 있다.
ABOVE WORK WAS COM	APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.
INISTRATION AND IS	APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.
	=== 하느! 사람이 살아가게 하면 하나 사람이 있다면 하는데
DORTE TOCEDU T DE	DELLA
R087в JOSEPH J. DE	BELLA
R087B JOSEPH J. DE	BELLA
RÖ87B JOSEPH J. DE	BELLA
R087B JOSEPH J. DE	BELLA
R087B JOSEPH J. DE	BELLA
RÖ87B JOSEPH J. DE	BELLA
RÖ87B JOSEPH J. DE	BELLA
RÖ87B JOSEPH J. DE	BELLA

AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
	Plymouth, MA 02360 Total	N682RM May XX, 2019 I Time: 1183.7 Hobbs: 1276.6 WO# 5658 Airframe
	Completed annual inspection IAW Cirrus SR22 AMM & AMM Checklist. C/W ELT inspection per discrepancies noted. Replaced battery P/N 455-0012 Battery due: May2026. Disassembled, of reassembled gascolator with new o-ring P/N MS29513-137 and Stat-O-Seal P/N NAS1523-8B. IFD 440 GPS/NAV/COM in accordance with Avidyne service bulletin 601-00182-048 Rev 00 darenspected nose landing gear in accordance with Cirrus SB 2X-32-19R3, no defects noted, next Hobbs. Removed pilot seat belt inflator (P/N 20902-002 S/N AASI023U20360), brackets and wire hare belt inflator (P/N 20902-006 S/N 27182078083), fitting (P/N 20902-007), wire harness (P/N 20902-008). Removed co-pilot seat belt inflator (P/N 20902-002 S/N AASI023U20604), brackets and co-pilot seat belt inflator (P/N 20902-006 S/N 27182079108), fitting (P/N 20902-007), wire harness (I brackets (P/N 20902-008). Seatbelt inflators next due 05/2031. Replaced lower cowl close out seal P Upgraded Avidyne MFD to software 8.1.1 in accordance with Avidyne document 601-00004-102 Rev Service cabin environmental controls per Cirrus AMM, next due 06/01/2024. Updated the airworthi Bi-weekly issue 2019-09. I certify that this aircraft has been inspected in accordance with annual inspection and was dairworthy condition.	leaned, inspected and Updated IFD 540 and ted 08 Feb 2019. due 1283.7 Flight rness. Installed pilot seat 06) and brackets (P/N wire harness. Installed P/N 20902-006) and /N 20665-002 with new. 01 dated 23 Jan 2012. ness directives through
	Authorized Signature	

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AIRCRAFT TIME IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 y-2019 WO# 5658 AC TT 1185.2 HOBBS 1287.1 **NexAir Avionics LLC** LOG ID# 1712 17-May-2019 WO# 5658 S/N 2577 N682RM

Flight Hobbs 1185.2

Pg 1/1

UPDATED AVIDYNE IFD540 (S/N M160181152) AND IFD440 (S/N M160583548) FROM SOFTWARE VERSION 10.2.1.0 TO VERSION 10.2.3.1 IN ACCORDANCE WITH AVIDYNE SERVICE BULLETIN 601-00182-034 REV 06 DATED 24 APRIL 2019. ALL SYSTEM OPERATIONAL CHECKS SATISFACTORY.

NOTE: WORK ORDER 5658 ON FILE

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

17 MAY 2019

N4ORO87B MICHAEL REARICK

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N682RM

Cirrus

SR22

S/N: 2577

Airframe Log Entry

5 October 2019

Hobbs: 1237.7

50 Hour inspection completed this date. Cleaned and resealed the fuel strainer. Checked tires and brakes, checked brake reservoir, checked engine breather tube, Checked main wheel fairing bolt torque. General Jason Schaff A&P 3551738

inspection of aircraft exterior.

w/o 40614