AIRCRAFTLOG AF5-1

PPG Industries, Inc. COMMERCIAL COATINGS	
PRIMER K36 PRIMER	
COLOR	
COLORCOLORCOLOR	
OLEXA F3905	

Aircraft Log TABLE OF CONTENTS

TC # A00009CH

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Aero Products Corporation	
Copyright 1975 All Rights Reserved	
	AIRCRAFT DESCRIPTION INSTALLED EQUIPMENT MAJOR ALTERATIONS LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD ALTIMETER & STATIC SYSTEM CHECKS (F.A.R. 91.411) RADIO AND ELECTRONIC CHECKS MAINTENANCE RECORD (F.A.R. 43.9)

AIRCRAFT DESCRIPTION

MANUFACTURE	ER CIRRUS DEST	GN CORP MODEL	SR-20	DATE OF MFG. MAY, 08
SERIAL NUMBE	er <u>1979</u>	REGISTRATION NUMBER	N50APG	N45GAK
REGISTERED O				Inspection Status (Check one)
	DDRESS			F.A.R. 91.409 ANNUAL/100 HOUR
OPERATOR STREE	3	ASSIGNMENT O		Special Registration Number N456AK
CITY, S	U.S. Department of Transportation	Aircraft Make and Model CIRRUS DESIGN CORP SR20	And the second s	Present Registration Number N509PG
STREET	Federal Aviation Administration	Serial Number 1979		Issue Date; Oct 10, 2008
OPERATOR . STREET A CITY, STA	FULLETT KENNETH 5S455 ALLISON LN	CRAFT ADDRESS CODE FOR N456A	K -51304160	This is your authority to change the United States registration number on the above described aircraft to the special registration number shown. Carry duplicate of this form in the aircraft together with the old registration certificate as interim authority to operate the aircraft pending receipt of revised certificate of registration. Obtain a revised certificate of eirworthiness from your nearest Flight Standards District Office.
		Copyright K. Fullett All R No Distribution without P		The latest FAA Form 8130-6,

INSTALLED EQUIPMENT

	11431VEEP FÁQII	1415-141	
ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	IO-360-ES	R 360677
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PHC-J3YF-IRF	FP6595B
PROPELLER			1 779
ENGINE			
ENGINE			
PROPELLER			24.18 Table 1
PROPELLER			
ENGINE			941000
ENGINE			2890
PROPELLER			
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ENGINE			
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	INSTALLED EQUIPA	MENT	N456AK Aircr	craft Log 1	MAJOR ALTERATIONS
ITEM	MANUFACTURER	MODEL	SERIAL NO.		DESCRIPTION OF ALTERATION
ENGINE			R DATE		
ENGINE)*	R		
PROPELLER					
PROPELLER					
ENGINE					
ENGINE					
PROPELLER					
PROPELLER		1	11 Miles		
ENGINE		1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
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ENGINE					
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Page 6

MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION

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NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART LIFE LIM AT INSTALL OR T.B.				ENCY T. NO.
		-						
		-	Life Lim	ited Parts	SR20			
	<u> </u>	PART NAME	PART NUMB	ER		EXPIRES		
	 	CAPS Rocket Motor	21814-00)1 S/N_40	40	12/17	1	
	-	CAPS Parachute	20331-00)1 S/N 034	110	03/18		-
		CAPS Reefing Line Cutters	5212		003-049 0 3/14		NEXT DUE 12/2	2019 1
		ELT Battery Pack	452-650	4 Date Insta		07/13	3/2020	
		EMA Controller, AAIR	20902-00	-/-	72	01/15	Next due 07/-	2021.
		Pilot Seat Inflator Assy, AAIR	20902-00)2 S/N AA	110001	11112015	+11/2018 1/ 1-	1,2020
		Co-Pilot Seat Inflator Assy, AAIR	20902-00)2 S/N AA. 200	013 31320U	111/2015	+11/2018 9K 1-	1-2020

	LIF	E LIMITI	ED PARTS	OR OVERH	AUL REQ	UIREMENT	ΓS
NAME OF	PART	SERIAL	INSTALLATION	TIME ON PART	LIFE LIMIT	REMOVAL	
PART	NUMBER	NUMBER	DATE/HOURS	AT INSTALL	OR T.B.O.	DATE/HOURS	

N456AK	Aircraft	Log	1

LIEF LIMITED PARTS OR OVERHALL REQUIREMENTS

NAME OF PART SERIAL INSTALLATION TIME ON PART LIFE LIMIT REMOVAL							LIFE LIMITED FANTS ON OVENHAUL REQUIREMENTS								
PART	NUMBER	NUMBER	DATE/HOURS	AT INSTALL	OR T.B.O.	DATE/HOURS	CERT. NO.	NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	AT INSTALL	OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF	PART	SERIAL	INSTALLATION	TIME ON PART	LIFE LIMIT		
PART	NUMBER	NUMBER	DATE/HOURS	AT INSTALL	OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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Searched AD's through bi-weekly issue Z008-09. All AD's are in compliance at this time. MAKE Cirrus MAKE Cirr		DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATUI CERTIFICATE NO.	RE
MODEL SR20 S/N 1979 REG NO 509PG WORK ORDER 12077-09-2008 A/C TSN 63 6 HOBBS 63 6 Repair Station No YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438 AD Entries (20) Complied with SB 2X-57-10 Aileron Trailing Edge Inspection by following adjustment procedures IAW service bulletin instructions I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. DATE: 10/3/2008 SIGNED: // Work Order: 12077-09-2008 Mitch Knase Printed by FBis 3 (datcomedia com)		5/7/08	issue 2008	-09 . All	AD's are in	John K. Bellard	MFG 587
WORK ORDER 12077-09-2008 AD Entries (20) Complied with SB 2X-57-10 Alleron Trailing Edge Inspection by following adjustment procedures IAW service bulletin instructions Thave reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. DATE: 10/3/2008 SIGNED: Work Order: 12077-09-2008 Mitch Knase	MODEL: SR20 S/N 1979		Repair Station No YD5R8		Center	A/C TSN 63.6	
(20) Complied with SB 2X-57-10 Aileron Trailing Edge Inspection by following adjustment procedures IAW service bulletin instructions I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. DATE: 10/3/2008 SIGNED: Work Order: 12077-09-2008 Mitch Knase Printed by FBis 3 (datcomedia com)	WORK ORDER: 12077-09-2008	CIRRUS	Duluth, MN 55811				
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. DATE: 10/3/2008 SIGNED: Work Order: 12077-09-2008 Mitch Knase Printed by FBis 3 (datcomedia com)		SB 2X-57-10 Aileron T	Frailing Edge Inspection by fo	ollowing adjustment pro	cedures IAW service bull	etin instructions	
Mitch Knase Printed by FBis 3 (datcomedia com)	was repaired/inspec	ted in accordance with	h current requirements of the Repair Station CRS YD5R85	Federal Aviation Admi 5Y.	ft, airframe, aircraft engin inistration and is approved	e, propeller, or appliance identified d for return to service Pertinent	
Cerbilled Repail Station No. 125/6351			GNED:	(Sent		Work Order: 12077-09-2008 -	. 9
		8 SI	ch Knase		Prir		

N456AK Aircraft Log 1

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
	MAKE. Cirrus MODEL: SR20 S/N. 1979 REG. NO: 509PG WORK ORDER 12113-10-2008	Repair S 4515 Tay Duluth, N	a Design Factory : tation No. YD5R855Y Vlor Circle IN 55811 18-788-3438	Service Center		DATE: 10/4/2008 A/C TSN: 68 5 HOBBS 68 5
	AD Entries					
	with AD 2008-06-0	8R1 (Avidyne PFD) I	rvice Bulletins thru cur, ent by installing (APPENDIX T the POH. PFD S/N 200780	O AD 2008-06-28R1 LIMI	D's and MSB's are in complia FATIONS REGARDING AVID	ance at this time (5) Complied YNE PRIMARY FLIGHT
-	was repaired/inspe	cted in accordance v	nd the accompanying discr with current requirements of ed Repair Station CRS YD5	f the Federal Aviation Adm	ft, airframe, aircraft engine, p inistration and is approved fo	ropeller, or appliance identified r return to service Pertinent
	DATE: 10/4/200	08	SIGNED:	10		Work Order: 12113-10-2008
3			Curt Kracke	to	Printe	d by EBis 3 (datcomedia.com)
	1		ertified Repair Station No.	7D5R855Y		
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				A STATE OF THE STA		

./BULL. JMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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BULL. MBER AF	FFECTED	AT COMP.	COMPLIANCE	1 TIME/RECUR.	DATE/HRS./CYCLE	MPLIANCE RECORD AUTHORIZED SIGNATURE CERTIFIC SIGNATURE		AIRWOR	IHINESS L	VILCIIATA I	TYPE OF A.D.	NEXT COMP.	AUTHORIZED SIGNATURE
	-					CERTIFICATE NO.	A.D./BULL. NUMBER	AFFECTED	DATE & HRS. AT COMP.	COMPLIANCE	1 TIME/RECUR.	DATE/HRS./CYCLE	CERTIFICATE NO.
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ULL. BER	AFFECTED	AT COMP.	COMPLIANCE	1 TIME/RECUR.	DATE/HRS./CYCLE	LIANCE RECORD 456A			ILINE22 F	METHOD OF	TYPE OF A.D.	NEXT COMP.	LIANCE RECORD AUTHORIZED SIGNATURE
J.C.II	7,172,122					CERTIFICATE NO.	A.D./BULL. NUMBER	AFFECTED	DATE & HRS. AT COMP.	COMPLIANCE	1 TIME/RECUR.	DATE/HRS./CYCLE	CERTIFICATE NO.
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A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
NUMBER	AFFECIED	AT COMP.	COMPLIANCE	1 TIME/RECOR.	DATE/INS./CICLE	CERTIFICATE NO.
		 				
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N456AK Aircraft Log 1

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE								
	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPRO AGENCY	OVED BY: CERT. NO.
-+							<u> </u>	
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		•	e altimeter, st					
			orter test req					
$\overline{}$			17 have been					
			s of FAR 43	appendices	E & F and	-	-	
	AC	43-6B.			مراء ماء			1
	TES	TED TO_	18,000	FEET ON_	04/23/09	8		
	Trai	isponder:	Mfg Garmi	$\frac{\text{n}}{\text{P/N}} = \frac{13.9}{100}$	587-050	2		1
		Mode	el: <u>GTX-327</u>	S/N _ 83	133020			1
-+	—— Ence	oder: Mod	el <u>ACK</u> P	/N_A-30_S/	N1125	-5_		
_	Altin	meter: Mfg	g Avidyne				DED 51.7	70-07
		(PF	FD) <u>15222</u>	S/N2	00 7 104	8	PFD 5/N 200	7808+
	M	fg <u>United</u> I	P/N <u>12731-00</u>	<u>)2</u> S/N	46723		INSTALLED	8/30/0
				49				
		C Quality A		COC	on 04/23	/08		
		And the second s	Corporation I	Duluth, MN	USA			
	PC#	# 338CE						

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ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

					N4	56AK	Pi	lot Pl	$F\mathbf{D}$						
Wisconsin Aviation FAA CRS No. DE		4D	1			Madi	son, WI	53704					608	8-268-50	006
Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. <u>+</u> Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	5	-6	-7	-7	-7	-8	-8	-9	-8	-8	-9	-9	-11	-11	-11
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hyster Tol +		A	LTIMET	TER
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	2	MAKE		
Actual ± Ft.	-12	X	X	X	X	X	X	х	Temp	20	40% Max	2		EL: 1522 6563464	
CERTIFIED STA CERTIFIED ALT CERTIFIED AUT COMPLIED WIT CERTIFIED TRA	IMETE OMAT H REC	ER PER F TIC PRES ORDS K	FAR 43 . SSURE . EEPING	APP. E. (ALTITU G PER F.	(b) TO (2) DE REP AR 43 A	20) THO ORTING PP. E (d	USANE G EQUI		PER FA	R 43 AF	PP. E (c).		MAKE	EL: A-3	
TRANSPONDE The aircraft and maintenance rule	or com	ponent i	identifie	d hereo		paired :	and insp	reeted in		nce wit			#2 TF MAKE MODE S/N: X	EL: X	NDEF

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

Wisconsin Aviatio FAA CRS No. DB		D	_			Madi	son, WI	53704					608	8-268-5	006
Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. <u>+</u> Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	15	-5	0	0	0	0	0	0	-15	-35	-45	-60	-65	-50	-40
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	ОК	Hyster Tol +		AI	LTIMET	TER
Tol. <u>+</u> Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	ОК	50% Max	15	MAKE		
Actual ± Ft.	-15	X	X	X	X	X	X	X	Temp	20	40% Max	15	MODE S/N: 46	L: 1273 57231	1-002
CERTIFIED STA							' '						BLIN	ID ENC	ODER
CERTIFIED ALT CERTIFIED AUT COMPLIED WITH CERTIFIED TRA	OMAT H REC	IC PRE	SSURE A	ALTITU G PER FA	DE REP AR 43 A	ORTING PP. E (d	G EQUII		PER FA	R 43 AP	P. E (c).		MAKE MODE S/N: 1	L: A-3	0
TRANSPONDE	R MA	AKE: C	Garmin	МО	DEL: C	GTX 32	7	S/N: 8:	3733028				#2 TR	ANSPO	NDER
									accorda				112 110	I II IOI C	

	AL	1 11/11		, 51 P	ATIC,		SAK I		ONDE	KCE	KIII	ICA	11.			
	Aviation Inc. Io. DBKR12	4D	,	,		Madi	son, WI	53704					60	8-268-5	006	
Test Alt. x 1	k Ft	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18	
Tol. \pm Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120	
Actual ± F	t. 10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-15	-15	-15	-15	
Test Alt. x	1k Ft. 20	22	25	30	35	40	45	50	Case Leak	OK	Hyste Tol +		A	LTIME	TER	
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	9	50% Max	5	MAKE: Avidyne MODEL: 15222 S/N: 26563464			
Actual ± F	t15	x	X	X	x	X	x	х	Temp	70F	40% Max	0				
CERTIFIEI COMPLIEI CERTIFIEI TRANSPO	STATIC PRODUCTION OF THE PRODUCT PRODU	ER PER ITIC PRE CORDS KNDER SIAKE: Conponent	FAR 43 SSURE CEEPING YSTEM Garmin	APP. E. ALTITU G PER F PER FA MOI	(b) TO (2) IDE REPAR 43 AR 43 AF DEL: G	20) THO PORTING APP. E (d PP. F. TX 327	DUSANE G EQUII I). S/N and insp	: 83733	PER FA	unce wit	h the cu	rrent	MAKE MODE S/N: 1	RANSPO		

RADIO & ELECTRONIC CHECKS

CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

W.O.: 11272

TRANSPONDER MAKE: Garmin

Date: May 23, 2012

	AL	TIME	TER	,	,		TBY		ONDE	R CE	RTIF	ICA	TE		
Wisconsin Avia FAA CRS No. I		ID.				Madi	ison, WI	53704					60	8-268-50	006
Test Alt. x 1k F	t -1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. <u>+</u> Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	5	5	0	0	5	0	0	0	-20	-35	-50	-60	-60	-50	-40
Test Alt. x 1k I	et. 20	22	25	30	35	40	45	50	Case Leak	OK	Hyster Tol +		A	LTIME	TER
Tol. <u>+</u> Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	9	50% Max	30		: United	
Actual ± Ft.	-15	X	X	Х	X	x	X	X	Temp	70F	40% Max	20	S/N: 46	EL: 1273 57231	1-002
CERTIFIED ST								PEET					BLIN	ID ENC	ODER
CERTIFIED AU CERTIFIED AU COMPLIED W	JTOMAT	TIC PRE	SSURE	ALTITU	DE REP	ORTIN	G EQUII			R 43 AP	P. E (c).		MAKE	E: ACK	0

Hobbs: 488.9

MODEL: GTX 327

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current

maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Signed:

S/N: 83733028

S/N: 112265

MAKE: X

MODEL: X S/N: X

#2 TRANSPONDER

TE	TOTAL E	QUIPMEN CHECKED			PE OF HECK			ERROR OR RESULTS		NE	DUE DUE	(CHE: SIGNATUR	CKED BY:	
	Wisconsin Avian	ion-Fou	r Lakes l		R, STA	ATIC,	N	TRA 456A Stby on, WI 5	K	ONDE	R CE	RTIF	FICA	TE	608-26	8-5006
	Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
	Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
	Actual \pm Ft.	-10	0	10	5	10	5	10	10	-5	-25	-40	-50	-55	-40	-25
	Test Alt. x 1k F	t. ₂₀	22	25	30	35	40	45	50	Case Leak	OK	Hyster Tol +		A	LTIMET	TER
2.500	Tol. <u>+</u> Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	5	50% Max	15		: United	
	Actual ± Ft.	-5	X	X	X	X	X	X	X	Temp C	18	40% Max	15	S/N: 46	EL: 1273 67231	1-002
	CERTIFIED ST CERTIFIED AL CERTIFIED AU COMPLIED WI CERTIFIED TR	TIMETE TOMAT TH REC	ER PER I FIC PRES ORDS K	FAR 43 . SSURE . EEPING	APP. E. (ALTITU G PER F.	(b) TO (2 DE REP AR 43 A	20) THO PORTING PP. E (d	USANE G EQUII		PER FAI	R 43 AP	P. E (c).		MAKE	L: A-30	
	TRANSPOND						GTX-3			: 837330				#2 TR	ANSPO	NDER
	The aircraft and maintenance ru Date: 5/23/14	les of the		l Aviati	on Regu		and is ai	rworthy	and ap		or retur	n to serv		MAKE MODE S/N: X	L: X	

TOTAL TIME	EQUIPN CHECI			TYPE OF CHECK			ERROI RESU			NEXT C				CHECKED ATURE —	D BY: — CERT. NO.
	AL	TIMF	ETER	, STA	TIC	, ANI	TRA	NPC	ONDE	R CF	RTIF	'ICA'	TE		
						N	456Al	K							
Wisconsin Aviation FAA CRS No. DE			Inc.			Madis	son, WI 5	53704						608-26	68-5006
Γest Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual <u>+</u> Ft.	-10	-10	-10	-10	-10	-15	-15	-15	-15	-15	-20	-20	-20	-20	-20
Test Alt. x 1k Ft	t. 20	22	25	30	35	40	45	50	Case Leak	OK	Hyster Tol +	2	A	LTIMET	TER
Tol. <u>+</u> Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	5	50% Max	5		E: Avidyr	
Actual ± Ft.	-20	X	X	X	X	X	X	X	Temp C	18	40% Max	0		EL: EXP: 6563464	
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TRANSPOND	ER M	AKE: C	Garmin	N	10DEL	: GTX-3	327	S/N	N: 837330)28			#2 TR	RANSPO	ONDER
The aircraft and maintenance rul	iles of th	he Federa		ion Regu		and is ai	irworthy	v and an		for retur			MAKE MODE S/N: X	EL: X	

TOTAL TIME	EQUIPN CHECK			TYPE OF CHECK			ERROF RESU			NEXT CI				CHECKED TURE —	
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Wisconsin Aviat FAA CRS No. D			Inc.			Madis	son, WI	53704						608-26	8-5006
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Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	-10	-5	-10	-10	-10	-10	-10	-10	-10	-15	-15	-15	-20	-20	-20
Test Alt. x 1k F	20	22	25	30	35	40	45	50	Case Leak	ОК	Hyster Tol +		A	LTIMET	ΓER
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TRANSPOND	ER M	AKE: C	Garmin	M	ODEL:	GTX-3	327	S/N	: 837330	28			#2 TR	ANSPO	NDER
The aircraft and maintenance rul	es of the		d Aviatio	n Regu		nd is ai		and ap					MAKE MODE S/N: X	: X :L: X	

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Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hyster Tol +		A	LTIMET	TER
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TRANSPONDE The aircraft and/						GTX-3			: 837330	-	h the cur	rent	#2 TR	RANSPO	NDER -
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Page 26

1. Approving National Aviation Authority/Country: 3. Form Tracking Number: FAA/United States **AUTHORIZED RELEASE CERTIFICATE** 9002999 4. Organization Name and Address: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Avidyne Corporation, 202 West Drive Melbourne FL 32904 (Phone: 321.821.5224 Fax:321.821.5203) 5. Work Order/Contract/Invoice Number: 6. Item: 9002999 Serial/Batch Number: 12. Status/Work: Eligibility: * 10. Quantity: 11. Part Number: 1 Primary Flight Display N/A 1 20078087 Repair 700-00006-000 13. Remarks: The task Specified has been accomplished in accordance with 600-00128-004rev02 ephony OFC90 Refer to Returned Material Authorization 9002999 for service details. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 and 630-00129-000rev21 in accordance with 14 Mods Installed:34,36,37,38,39,40,43,47,52 Software installed: 530-00194-000rev02 14. Certifies the items identified above were manufactured in conformity to: 19. M 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Approved design data and are in a condition for safe operation 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 Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 15. Authorized Signature: 20. Authorized Signature: 16. Approval/Authorization No.: 21. Approval/Certificate No.: 1VAR161B 17. Name (Typed or Printed): 18. Date (m/d/y) 22. Name (Typed or Printed): 23. Date (m/d/y): Richard Stichter 08/06/08 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 Where the user/installer cusures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01)

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

NSN: 0052-00-012-9005

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relimina	ary Ins	spection (I	nitial Fir	ndings):	Record Preliminary Inspection I	Findings. All fine	dings of noncor	nformance shall t	e
ddresed in ac	Findin	ngs	. Beened D	ete in Destiniere to	n Manual if no findings record s spection Comments Field	n	Failure Code	Results Code	Inspections
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nconformanc	e shall be / Inspecto placed in n Action (Oracl	r other than the onext section. Is Taken Ie Instructions	cordance with one that perform s: Record D	the nonconformance promed the maintenance U	ons taken during maintenance accedure in the Repair Station Masse additional sheets if needed. I	nual. In-Process	s Inspections si cord "no finding	nall be performed	
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MAINTENANCE RECORD

I I	501 West 15th Stree	t Della IA 50219	==
Classic Aviation, Inc.	501 West 15 Stree		- * * * O O D C
Date: Hobbs Time:	08-28-2008 25	Logbook Entry 101. Aircraft Serial Number:	N509PG – 1979 –
Performed Cirrus Do Installed new insula	elivery Quality Check I tion on fresh air duct (o Doug Cash A&P	II (25 hours flight time). Installed new old insulation torn) kit p/n 70194-001.	y fuel strainer kit p/n 1742243-03.
Classic Aviation, In	501 West 15 th S	treet, Pella, IA 50219	
Date:	08-30-2008	Logbook Entry for:	N509PG
Date.	00 50 2000		1979
Hobbs Time:	25.5 25.5 25.5 25.5	Aircraft Serial Number: 006-000 s/n 20078087 from Avidyne (
Installed exchang	ge PFD unit p/n 700-000 Performed operational in Doug Cash A&	006-000 s/n 20078087 from Avidyne (nspection, found ok. P 3268592 IA	(see FAA form 8130-3 from Avidyne
Installed exchang wo# 9002999). F	e PFD unit p/n 700-000 Performed operational in	006-000 s/n 20078087 from Avidyne (nspection, found ok. P 3268592 IA	
Installed exchang wo# 9002999). For Classic Aviation, Inc. Date: Flight Hobbs Time:	ge PFD unit p/n 700-000 Performed operational in Doug Cash A& 501 West 15 th Street, P 09-22-2008	006-000 s/n 20078087 from Avidyne (nspection, found ok. P 3268592 IA ella, IA 50219 Logbook Entry for: N.	(see FAA form 8130-3 from Avidyne 509PG

RH crew seat con Removed and Re 20429-002, IAW I have reviewed the was repaired/insidetails of repair and the seat of the sea	Duluth, MN 55811 Phone 218-788-3438 tries 0 hrs (7) Removed and Replaced aircraft stripe package IAW CDC SR20 MM 20 ers (P/N 20907-003 and -004) and LH and RH passenger seat covers (P/N 12954-0) laced LWR windshield ring slate grey (P/N 14652-004) IAW CDC AMM 25-10 (SR22 AMM 25-10 (12) Updated Nav data on the #2 GNS 430 IAW manufacturers are file on this aircraft and the accompanying discrepancy forms. The aircraft, aircraft ected in accordance with current requirements of the Federal Aviation Administration on file at this Certified Repair Station CRS YD5R855Y Mitch Knase Certified Repair Station No. YD5R855Y Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle	A/C ISN 63 6 HOBBS 63 6 HOBBS 63 6 0-30 and 51-30 (8) Permoved and Replaced LH and 001 and -002) IA/* CIDC SR20 MM 25-10 (10) 11) Replaced Jaggage door trim panel, PN s instructions. GPS #2 functional checks satisfactory. me, aircraft engine, propeller, or appliance identified
(2) Flight time 53 RH crew seat coo Removed and Re 20429-002, IAW I have reviewed the was repaired/ins details of repair and DATE: 10/3/2 MAKE: Cirrus MODEL: SR20 S/N: 1979 REG: NO: 509PG WORK ORDER: 12113-10-2008 Airframe Entri (3) Lubricated all loc	O hrs (7) Removed and Replaced aircraft stripe package IAW CDC SR20 MM 20 ers (P/N 20907-003 and -004) and LH and RH passenger seat covers (P/N 12954-00) acced LWR windshield ring slate grey (P/N 14652-004) IAW CDC AMM 25-10 (SR22 AMM 25-10 (12) Updated Nav data on the #2 GNS 430 IAW manufacturers are file on this aircraft and the accompanying discrepancy forms. The aircraft, air rail acceted in accordance with current requirements of the Federal Aviation Administration on file at this Certified Repair Station CRS YD5R855Y. SIGNED: Mitch Knase Certified Repair Station No. YD5R855Y Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle	On and -002) IAM CODC SR20 MM 25-10 (10) 11) Replaced baggage door trim panel, PN sinstructions. GPS #2 functional checks satisfactory. In anid is approved for return to service. Pertinent Work Order: 12077-09-2008 Printed by EBis 3 (datcomedia.com) DATE: 10/4/2008 A/C TSN: 68-5
MAKE Cirrus MODEL SR20 S/N: 1979 REG NO 509PG WORK ORDER: 12113-10-2008 Airframe Entri (3) Lubricated all loc	ected in accordance with current requirements of the Federal Aviation Administration on file at this Certified Repair Station CRS YD5R855Y. 8 SIGNED: Mitch Knase Certified Repair Station No. YD5R855Y Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle	Work Order: 12077-09-2008 Printed by EBis 3 (datcomedia.com) DATE: 10/4/2008 A/C TSN: 68.5
MAKE Cirrus MODEL: SR20 S/N: 1979 REG. NO: 509PG WORK ORDER: 12113-10-2008 Airframe Entri (3) Lubricated all loc	Mitch Knase Certified Repair Station No. YD5R855Y Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle	Printed by EBis 3 (datcomedia.com) DATE: 10/4/2008 A/C TSN: 68-5
MODEL: SR20 S/N: 1979 REG. NO: 509PG WORK ORDER: 12113-10-2008 Airframe Entri (3) Lubricated all loc	Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle	DATE: 10/4/2008 A/C TSN: 68.5
MODEL: SR20 S/N: 1979 REG. NO: 509PG WORK ORDER: 12113-10-2008 Airframe Entri (3) Lubricated all loc	Repair Station No. YD5R855Y 4515 Taylor Circle	A/C TSN: 68.5
(3) Lubricated all loc	Duluth, MN 55811 Phone: 218- 788-3438	
I have reviewed the 1	es e	
	e on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, and in accordance with current requirements of the Federal Aviation Administration and file at this Certified Repair Station CRS YD5R855Y.	
DATE: 10/4/2008	SIGNED:	Work Order: 12113-10-2008
	Curt Kracke Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

		- CI 12 10 3 07	
DATE OF COMPLETION MAK MOD S/N REG WOF 1211 Air (3) F supp I have was deta	rus Design Factory 15 Taylor Circle • Du (218) 788-3 CRS# YD5R	The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspection in accordance with current regulations of the Federal Aviation Administration and is approved for return to service: Pertinent details of the repairs under Work Order # 12142-40-2008 are herein attached Dated 1011108 Inspected by ALUE GUEND Inspected by ALUE GUEND Cert. # YD50-8557 SERVICEABLE Name GNS-430W Unit GARNW GNS-430W Unit GARNW GNS-430W Unit GARNW GNS-430W Part # 12718-071 Ser. # 23405759 Aircraft N492PC ID# Disposition Removal SCRNGRABLE Reason for Removal SCRNGRABLE Removed by MIKE GUSN Date 10/11/05 An or Service Builtetins FAA Sertificate No.	HRS 16-2
V	PEG. NO: 509PG VORK ORDER: 2148-10-2008	Duluth, MN 55811 Phone: 218- 788-3438	
(3	Airframe Entries 3) Removed GNS430W #2 atisfactory	P/N 12718-071 S/N 23406193 and installed P/N 12718-071 S/N 23405759 IAW SR22 AMM 34-40. Functional check	
W	as repaired/inspected in a	nis aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent this Certified Repair Station CRS YD5R855Y.	
D	ATE: 10/11/2008	SIGNED: Curt Kracke Certified Repair Station No PD5R855Y Work Order: 12148-10-2008 Printed by EBis 3 (datcomedia.com)	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
N S F	MAKE Cirrus MODEL SR20 S/N: 1979 REG NO 509PG WORK ORDER: 12117-10-2008	Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Dulluth, MN 55811 Phone: 218- 788-3438	DATE: 10/8/2008 A/C TSN: 76.7 HOBBS: 76.7
() S	upplement into the Pilot's Ope	omplied with Service Buelletin 2X-71-04 R5, Installation of Winterization Kit, by erating Handbook IAW the Service Bulletin instructions	
W	as repaired/inspected in acco	aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircr ordance with current requirements of the Federal Aviation Administration and is his Certified Repair Station CRS YD5R855Y.	ant engine, propeller, or appliance identified approved for return to service. Pertinent
0	ATE: 10/8/2008	SIGNED:	Work Order: 12117-10-2008
		Karl Hagglund Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)
	MAKE: Cirrus MODEL: SR20 S/N: 1979 REG. NO: 509PG WORK ORDER: 12148-10-2008	Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3438	DATE: 10/11/2008 A/C TSN: 76.7 HOBBS, 76.7
	Airframe Entries	The English Control of the Control o	
Eq.	(3) Removed GNS430W #2 satisfactory	P/N 12718-071 S/N 23406193 and installed P/N 12718-071 S/N 23405759 IAW	SR22 AMM 34-40. Functional check
	was repaired/inspected in ac	is aircraft and the accompanying discrepancy forms. The aircraft, airframe, airc accordance with current requirements of the Federal Aviation Administration and in this Certified Repair Station CRS YD5R855Y.	craft engine, propeller, or appliance identified s approved for return to service. Pertinent
	DATE: 10/11/2008	SIGNED: Curt Kracke Certified Repair Station No 405R855Y	Work Order: 12148-10-2008 Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

Oct. 10. 2008 9:56AM AEROSPACE REPORTS

No. 5653

U.S. Department of Transportation	ASSIGNMENT OF SPECIAL REGISTRATION NUMBERS Aircraft Make and Model CIRRUS DESIGN CORP SR20	Special Registration Number N456AK Present Registration Number N509PG
Federal Aviation Administration	Serial Number	Issue Date; Oct 10, 2008
FULLETT KENNET 5S455 ALLISON LE		This is your authority to change the United States registration aumber on the above described aircraft to the special registration number shown. Carry duplicate of this form in the aircraft together with the old registration certificate as interim authority to operate the aircraft pending receipt of revised certificate of registration. Obtain a revised certificate of airworthiness from your nearest Flight Standards District Office.
SIGNED	STATION UNDER W.O. # 1697/ DATE: DEC : DONALD K. MORGAN DIMM IR CENTER, AURORA AIRPORT, SUGAR GROVE, APPROVED REPAIR STATION #NF2R029L	For IL 60554

MAINTENANCE RECORD F.A.R. 43.9

	F.A.K. 43.9	
DATE OF AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Fit Hobbs: 85.3 ***Airframe Work* Tightened let differential switch data, we determin hobbs -(minus) 6.3 All work perf Doug Seibel A&P389765035 IA Wisconsin A 3606 Corber Madison, W	and right cabin door striker plates and lubed latch p/n 14128-001 with new. Aircraft flew 6.3 hrs during that we need to subtract 6.3 hours of time from thrs. Aircraft total time is 79.0 hrs. formed in accordance with Cirrus Design SR 20 Ma W38976 SU35 viation - Madison Court 153704	n mechanism. Replaced flight hobbs ng flight hobbs malfunction. Using Emax the flight timer. Aircraft total time = flight
Repair Star Type CIRRUS N # 456AK S/N 1979 INSTALL INSTALLED & BALANCE THE AIRCRA REPAIRED & OF THE FEE SERVICE. F REPAIR STA SIGNED: DO	TER DuPage Airport/WestChicag tion #NF2R029L AIRF 3 SR20 TT	C, IL. 60185 RAME LOG HR. METER 109 ER: MOUNT PLUG. WEIGHT PONENT IDENTIFIED WAS CURRENT REGULATIONS PPROVED FOR RETURN TO R ARE ON FILE AT THIS DECEMBER 30, 2008 For

DATE OF MPLETION	Approving National Aviation	2.	1,000
	Authority/Country:	AUTHORIZE	D RELEA IFICATE NO. TURNED TO SEI
	FAA/UNITED STATES	FAA Form 813	60-3, AIRWORTHI
4. (Organization: GARMIN Interna	ational 1200 E 151st Olathe, KS	66062 Certifica
6. It	em: 7. Description:	8. Part Number:	9. Eligibility: *
1	. GNS430W,Blk	011-01060-00	N/A
the to a	responsibility of the Installer to verify that the assess the installation compatibility. is "Certifies that the work specified in block 1	tion. This unit complies with Garmin's Service Bullet in installation complies with the Service Bulletins list in 12/13 was carried out in accordance with EASA Partuirements of all sections of the maintenance manual p	ed above. If this unit is part of a

3. System Tracking Ref. No. AUTHORIZED RELEASE CERTIFICATE Approving National Aviation Authority/Country: RMA 11879829 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG FAA/UNITED STATES Certificate No. G6XR582Y 5. Work Order Contract/Invoice Number: GARMIN International 1200 E 151st Olathe, KS 66062 4. Organization: RMA 11879829 10. Quantity: 9. Eligibility: * 11. Serial/Batch Number: 12. Status/Work: 8. Part Number: 6. Item: 7. Description: 23405759 N/A REPAIRED 011-01060-00 GNS430W.Blk 1. 13. REMARKS: Unit meets operational performance specifications. Updated software to latest version and aligned unit to optimum performance. Master cleared unit to restore factory default settings. Unit passes its ATE tests and is operating within normal limits. Unit acquired satellites. OK to Return to service. The Main and GPS software is at the latest revision. This unit complies with Garmin's Service Bulletins No. 0740, 0808 and 0818. It is the responsibility of the installer to verify that the manuals and addendum in the aircraft are at the correct revision. It is also the responsibility of the Installer to verify that the installation complies with the Service Bulletins listed above. If this unit is part of a dual unit installation Garmin recommends that both units have the same software levels. It is the responsibility of the installer to assess the installation compatibility. This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is ready for release to service under EASA Part-145 Approval Number: EASA.145.5534". The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev- S, Revision Date 11/25/2008. All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original factory warranty from the original purchase date, whichever is longer. 14. Certifies the items identified above were manufactured in conformity to: Other regulations specified in Block 13 ☐ 14 CFR 43.9 Return to Service Certifies that unless otherwise specified in block 13, the work identified in Block 12 and Approved design data and are in condition for safe operation described in Block 13 was accomplished in accordance with Title 14, code of Federal Non-approved design data specified in block 13 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 Signatur 21. Approval/Certificate No.: G6XR582Y N/A 18. Date (m/d/y) 22 Name (Typed or Printed) 17. Name (Typed or Printed 23. Date (m/d/y) Paul E Brand 1/13/2009 N/A N/A User/Installer Responsibilities It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in 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.

FAA Form 8130-3 (6-01)

Computer Generated, GARMIN International Inc. P/N 002-00007-00 Rev. B

* Installer must cross-check eligibility with applicable technical data

AUDEDATE VILLE		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
	Description of work		IL 60554 Type
	Fai	1000 to 2 GARMIN 011-01060-00 SNE tay Resair, Rec Toste Q. all OK	2340589 for Quelo 23405759
	Federal Aviation	MAINTENANCE RELEASE ame, engine, appliance, or component identified was repaired and Agency and is approved for return to service. Pertinent details of the Date 1-16-09 Tach/Hobbs Inspec	inspected in accordance with current regulations of the

- MAINTENANCE RECORD - - F.A.R. 43.9

DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK F OR APPROVED DATA		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER
Da				
Co ins to a air with ins Do	360ES21B, S/N: 360677, Time 0.40 ** Airframe Log Entry **** Log II omplied with Cirrus 100 hr. inspection, no defects noted. Lub stalled new #4 CHT probe p/n:1#1 CHT probe connections. Inspections.	e: 100.40; Prop - Type: Ph D 4878 Dection requirements. Com- pricated power lever cam a 16578-001. Applied stabila stalled adel clamp to rear embly o-rings. Bled brake al. "I certify that this aircraf	nplied with AD 08-11-08 and cables in center quant 22 to connections. Consider the baffle to secure scat tubes system as necessary. At has been inspected in	pressure check of exhaust adrant, operational check good. Eleaned and applied stabilant 22 Dec. Installed new BA24 induction All work performed in accordance
· ×	Wisconsin Aviation - N 3606 Corben Court Madison, WI 53704	Madison	1741 Water	onsin Aviation - Watertown River Drive town, WI 53094 61-4567

MAINTENANCE RECORD

FICATE NO. DATE OF JRNED TO SERVICE COMPLETION Approving National Aviation AUTHORIZED RELEA Authority/Country: FAA/UNITED STATES FAA Form 8130-3, AIRWORTHI 4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 Certifica 7. Description: 9. Eligibility: * 8. Part Number: 6. Item: 1. GNS430W,Blk 011-01060-00 N/A 13. REMARKS: Confirmed problem. Adjusted all contrast levels Ambient, Cold, and Hot to correct the discrepancy. Replaced Master cleared unit to restore factory default settings. Unit passes its ATE tests and is operating within normal limits. Unit acquired The Main and GPS software is at the latest revision. This unit complies with Garmin's Service Bulletins No. 0740, 0808 and 0818. It the responsibility of the Installer to verify that the installation complies with the Service Bulletins listed above. If this unit is part of a to assess the installation compatibility. This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev-Added 1 Qt oil from 6 to 7 Qts FLT 123.9 p 3073186

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3. System Tracking Ref. No. Approving National Aviation AUTHORIZED RELEASE CERTIFICATE Authority/Country: RMA 12110405 FAA/UNITED STATES FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Certificate No. G6XR582Y GARMIN International 1200 E 151st Olathe, KS 66062 5. Work Order Contract/Invoice Number: 4. Organization: RMA 12110405 9. Eligibility: * 10. Quantity: 11. Serial/Batch Number: 12. Status/Work: 7. Description: 8. Part Number: N/A 23406215 1. GNS430W.Blk 011-01060-00 REPAIRED 13. REMARKS: Confirmed problem. Adjusted all contrast levels Ambient, Cold, and Hot to correct the discrepancy. Replaced the G/S Board to correct an unrelated issue. Updated software to latest version and aligned unit to optimum performance. Master cleared unit to restore factory default settings. Unit passes its ATE tests and is operating within normal limits. Unit acquired satellites. OK to Return to service. The Main and GPS software is at the latest revision. This unit complies with Garmin's Service Bulletins No. 0740, 0808 and 0818. It is the responsibility of the installer to verify that the manuals and addendum in the aircraft are at the correct revision. It is also the responsibility of the Installer to verify that the installation complies with the Service Bulletins listed above. If this unit is part of a dual unit installation Garmin recommends that both units have the same software levels. It is the responsibility of the installer to assess the installation compatibility. This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is ready for release to service under EASA Part-145 Approval Number: EASA.145,5534". The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev- S. Revision Date 11/25/2008. All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original factory warranty from the original purchase date, whichever is longer. Other regulations specified in Block 13 Certifies the items identified above were manufactured in conformity to: Certifies that unless otherwise specified in block 13, the work identified in Block 12 and Approved design data and are in condition for safe operation 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. Non-approved design data specified in block 13 Authorized Signature 16. Approval/Authorization No.: 20. Authorized Signature: 21. Approval/Certificate No.: G6XR582Y N/AN/A 22 Name (Typed or Printed) 17. Name (Typed or Printed 18. Date (m/d/y) 23. Date (m/d/y) N/A N/A Stephen E. Abels 1/30/2009 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 airworthines 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/c omponents/assemblies from the Airworthiness Authority of the country specified in

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft mainternance records must contain an installation certification issued in accordance with the

national regulations by the user/installer before the aircraft may be flown.

N456AK Aircraft Log 1 block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records mu national regulations by the user/installer before the aircraft may be flown. DATE OF COMPLETION J.A. AIR CENTER Cirrus SR20 Aurora Airport . Sugar Grove, IL 60554 Type_ 1979 FAA Repair Station #NF2R029L 456AK AIRFRAME LOG ENTRY Description of work done: Removed loaner GNS430W. Reinstalled factory repaired GNS430W S/N 23406215. Setup and tested. Updated main software to 3.20 and GPS software to 3.2 on GNS430N's S/N 97120149 and 23406215 in accordance with Garmin Software Service Bulletin No. 0848 Rev A. dated February 3, 2009. Final tests ok at this time.

Wrong Serial # Secorrente MAINTENANCE RELEASE The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on fite at this repair station under Date 13 Feb 2009 Tach/Hobbs 140.2 wo 213505 Signature

4/11/09 F27 123.9 Added 1 Qt oil from 6 to 7 Qts

213506

213390

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Inspector (print)

Luke W. Gomoll

N456AK Aircraft Log 1

	Date: 5/08/2009; Aircraft: N456AK; Type: SR20; S/N: 1979; Hobbs: 129.6; Total Time: 123.3; Engine - Type: IO-360ES21, S/N: 360677, Time: 123.3; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 123.3 Flt Hobbs: 129.6 Hobbs: 158.9.
DATE OF	T ***Airframe Work*** ID 4671
COMPLETION	Completed an Annual inspection (Cirrus Maintenance Program 25, 50, 100 hr and 6 Mo. interval items) in accordance with the Cirrus Design SR20 Inspection Form and Service Manual.
	AD 07-14-03 (8/16/07) pick up collar support replacement, not applicable by serial number.
	AD 08-03-16 (3/11/08) rudder-aileron interconnect modification, not applicable by serial number.
	AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, not applicable by serial number.
	AD 08-14-13 (8/14/08) Cabin door rod end replacement, not applicable by serial number.
	AD 09-05-05 (04/03/009) PFD - incorrect attitude, altitude and airspeed information, not applicable by Mod. 52
	completed. This meets the requirements of para (f)(2)(i).
	Complied with SB 2X-71-10R1 oil breather line insulation sleeve by installation of kit p/n 70230-001Continued-
	-Continued- ***Airframe Work*** ID 4671
	Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/2010. ELT
	battery due 07/2013. Re-torqued engine bridge mount bolts. Replaced right wheel pant protector p/n
	AK-009/MAIN #6 -R with new. Replaced co-pilots door seal p/n 52010-008U with new. Checked and re-rigged
	pilot and co-pilots door. Cleaned, prepped and painted underside of left and right wings by the flaps and left and
	right wing cuffs, underside of left wing root and left outboard flap well. Replaced headliner standoff locking
	clickbond p/n 50757-008 with new. Replaced #4 cylinder CHT probe p/n 16578-001 with new. Elevator rigging
	checked good. Pitch trim cartridge inspection/checked good. Adjusted elevator trim tab to neutral position.
	Replaced both exterior chrome D handles p/n 10690-002 with new. Replaced induction air filter p/n BA-24 with
	new. Replaced gascolator filter p/n 1742243-05 with new, next due 223.3 ACTT. Replaced left and right brake
	caliper o-rings p/n 101-34500 with new. Bled brakes and serviced reservoir. Ground run for ops and leak ck
	good.
	certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to
	be in airworthy condition.
	Kevin K. Fenske A&P2886592 IA () C Deugle IA2886592 — — —
	A&P2886592 IA
	Wisconsin Aviation - Madison Wisconsin Aviation - Watertown
	3606 Corben Court 1741 River Drive
	Madison, WI 53704 Watertown, WI 53094
	608-268-5003
	920-201-4307

。	
J.A. AIR CENTER Aurora Airport • Sugar Grove, IL 60554 FAA Repair Station #NF2R029L Description of work done: AIRFRAME LOG ENTRY Cirrus SR20 Type S/N 979 456AK	CERTIFICATE NO. D/RETURNED TO SERVICE
Updated Main SWv 3.11 to 3.20 and GPS SWv 3.1 to 3.2 in accordance with Garmin Software Service Bulletin NO: 0848 Rev. A dated 03FEB2009.	
Dual Garmin GNS-430W units	
P/N 011-01060-00	
S/N 23405759	
S/N 23406215	
5/11/25400215	
Jes .	
Corrected	
Cor. ELLI	
MAINTENANCE RELEASE The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under WO 213505 Date 2-13-09 Tach/Hobbs 140.2 Signature	
213506 Luke W. Gomoll	
Allepector (print)	

Description of work done:	J.A. AIR CENTER Aurora Airport • Sugar Grove, IL 60554 FAA Repair Station #NF2R029L AIRFRAME LOG ENTRY	Type Cirrus SR20 S/N 1979 N#456AK			
Rev. A 04AUG Garmin GNS43	Complied with Garmin Software Service Bulletin NO: 0918 Rev. A 04AUG2009. Main Software update to 3.30 Garmin GNS430W p/n: 011-01060-00 s/n: 23406215 Garmin GNS430W p/n: 011-01060-00 s/n: 23405759				
Final Test 0	к.				
The aircraft, airframe, engine, ap Federal Aviation Agency and is a 220283 13	MAINTENANCE RELEASE pliance, or component identified was repaired and inspected in accord approved for return to service. Pertinent details of the repair are on file AUG2009 Tach/Hobbs Tach/Hobbs Inspector (print)	dance with current regulations of the extrans repair station under e W. Gomoll			
		Tonish and Tax			

MAINIENANCE RECUKD F.A.R. 43.9

DATE OF COMPLETION		FICATE NO. RNED TO SERVICE
	J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554	INCO TO SERVICE
	Repair Station #NF2R029L AIRFRAME LOG	
	Type CIRRUS SR20	
	N # 456AK uncorrected Be	
		5
	RELOCATE ENGINE PREHEAT SOCKET-	
	RELOCATED ENGINE PREHEAT SOCKET ASSEMBLY. SECURED AS	
	NECESSARY.	
	ALTERNATOR BELT TENSION LOW:	
	TIGHTENED ALTERNATOR DRIVE BELT AND SAFETIED AS NEEDED.	
	THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WA	
	REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS	CONTRACTOR OF THE PARTY OF THE
	OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN T	
	SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THI	Control of the Contro
	REPAIR STATION UNDER W.O. #17490 DATE: AUGUST 13, 2009	
	SIGNED: DONALD K. MORGAN DIMM	T
	J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554	
	F.A.A. APPROVED REPAIR STATION #NF2R029L	
	The second secon	
12800		

			J. J		
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFO OR APPROVED DATA USE		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVIO	
	Date: 9/30/2 Fit Hobbs: 1 ***Airframe V Replace with new. Re in accordance seal p/n 5201 All work Doug Seibel A&P3897650: Wisconsir 3606 Cork	2009; Aircraft: N456AK; Type: SR20; S/N 66.3 Hobbs: 212.3. Vork*** ID 5074 ed left and right outer sending units p/n 18 eplaced fuel quantity indicator p/n 12615-0 e with Cirrus AMM 28-40. Replaced enging the complete of the complete	2739-101 and left and 103S s/n 0113 with none vernatherm p/n 63 airing protector p/n A/Current Technical Day	t; Total Time: 160.0 d right inner sending units p/n 18497-101 ew. Performed fuel quantity calibration 39305 with new. Replaced co-pilot door NK-009-G3 with new.	

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORM OR APPROVED DATA USED	MED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	Repair Statement of Type CIRRUS N # 456AK S/N 1979 REPLACE INSTALLED THE AIRCRAIRED & OF THE FED SERVICE. PIREPAIR STASIGNED: 201.A. AIR C	TER AURORA AIRPORT/SUGAR ion #NF2R029L SR-20 ENGINE BAFFLE: NEW FWD LH ENGINE BAFFLE FT, ENGINE, APPLIANCE, OF INSPECTED IN ACCORDANCE ERAL AVIATION AGENCY AND ERTINENT DETAILS OF THE F TION UNDER W.O. #17730 ENTER AURORA AIRPORT, SU ROVED REPAIR STATION #NF8	AIRFRAME LOG REC. HR. METER P/N 20465-003. R COMPONENT IDEN WITH CURRENT RE IS APPROVED FOR REPAIR ARE ON FI DATE: NOVEMBER	TIFIED WAS GULATIONS R RETURN TO GLE AT THIS 6, 2009 For
# no	Complied with Circle Complied with Circle CHT probe ew. All work performed an Stammen &P 2636878		er EGT probe p/n 16579-00 ood. Replaced blower moto echnical Data.	02 with new. Replaced or p/n 1133210-11 with

	F.A.K. 43.9	
DATE OF COMPLETION		SERVICE
	Date: 5/10/2010; Aircraft: N456AK; Type: SR20; S/N: 1979; Hobbs: 212.7; Total Time: 206.4; Engine - Type: IO-360ES21, S/N: 360677, Time: 206.4; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 206.4 Hobbs: 275.9 Flight Hobbs: 212.7 *** Airframe Work ***	
	Completed an Annual inspection (Cirrus Maintenance Program 25, 50, 100hr and 6 month interval items) in accordance with the Cirrus Design SR20 Inspection Form and Service Manual. Complied with SB 2X-32-19R2 NLG Assembly inspection by visual inspection. Installed Cirrus kit# 70238-001 per SB 2X-32-19R1 para. F (1-6). Next due 312.7 ACTT. Complied with Cirrus SB2X-27-16 (10/2/09) Flap Actuator Modification by installation of	
	flap mod kit p/n 70231-001. Complied with SB2X-05-01 by installation of brake temperature label kit p/n 70227-001 and installing temp revisions into P.O.H. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/2011. ELT battery due 07/2013. Performed Cirrus 24 month cabin heat mixing valve 2 year inspection, no defects noted. Next due 5/2012. Replaced #2 batteries p/n 50979-001 with new, next due 412.7 ACTT or 5/2012.	
	Installed PFD, p/n 700-00006-000, s/n 26563464, after DFC90 autopilot upgrade by Avidyne Corporation, CRS# 1VAR161B, Wo# 9009752, dated 4/26/2010. Performed operational check and mag compass calibration, no defects noted. Replaced right wing root fuel line p/n 18350-002 with new. Replaced left wingroot fuel line p/n 17304-002 with new. Replaced dual fuel indicator gauge p/n 12615-003 with new. Replaced inboard fuel sender dials p/n 18497-101 with new. Replaced outboard fuel sender dials p/n 18739-001 with new.	
	blower assembly, p/n 20970-003, s/n 364 and installed ventilation blower assembly, p/n 20970-002, s/n 167, after overhaul by Enviro Systems, Inc, CRS# W46133, WO# W46133, dated 5/5/2010. *** Continued ***	
	Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094	
	608-268-5003 920-261-4567 (Bathword Entry on 66 44	
	Convinced Entry on the 44	
		_

INSPECTION RECORD F.A.R. 43.11-91.409

	AIRCRAFT TIME	KIND OF INSPECTION-STATUS & DISCREPANCY LAT
DATE	IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAP/ROVING AIRCRAFT FOR SERVICE
28APR08	3.2	
		Production Flight Test accomplished in accordance with
		Cirrus Procedure #90500.
		Name: Frank D. Mathews Date 28HV CB
*		Name: Frank D. Mathews Date 28APR 08 Signature: Name D. Mathews
		Title: Production Flight Test Pilot
2.5		This. Troubling right rest rive
8 may 2008	3.2 HRS	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard
		Airworthiness Certificate dated MAY 08 2008 .
		The next inspection is due may /31 /2009.
		Trong JM4Dans
		Troy J. McDonald
		ODARF-405228-CE

F.A.R. 43.11-91.409

	F.A.R. 43.11	-91.409
DATE	plate p/n 19325-001. Removed pre-heater temp sensor frinstructions. I certify that this aircraft has been inspected in accorbe in airworthy condition.	C-J3YF-1RF, S/N: FP6595B, Time: 206.4 tire tube p/n 097-500-0 with new. Installed ground EMI

	Date: 10/08/2010; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 263.3; Total Time: 257.0 Flt Hobbs: 263.3 Hobbs: 345.6
DATE	***Airframe Work*** Completed Cirrus 50 hr interval items (In-Service Inspection 1). Ground run for operational and leak check good. All work performed in accordance with approved/purrent technical data. Scott Swieciak
	AP 389983841 Wisconsin Aviation Madison 3606 Corben Court Madison, WI 53704 608-268-5003 Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567
	WISCONSIN AVIATION FOUR LAKES, INC.
	DESCRIPTION OF WORK DONE: N456AK
	Removed 55X A/P p/n 01192-34-61T-30 s/n 0812-134419. Installed DFC 90 A/P p/n 850-00170-000 s/n 1026A72970. In accordance with STC SA00296B0. Installed in aircraft Avidyne document AVDFC-030.
	DFC 90 airplane flight manual supplement, primary flight display release 8 pilot guide addendum and the DFC series pilot's guide, FAA form 337 completed. Weight and balance change negligible. Swapped Garmin 430's and reconfigured.
	The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.
	DATE: 10-8-10 HOBBS: 345.6 WO#: AV10-9975 SIGNED: Sun Color
-	3606 Corben Ct Madison, WI 53704 - CSR No. DBKR124D
	(608) 268-5006 (608) 268-5038 FAX

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	IN SERVICE		O OF INSPECTION-STATUS & DISCREPANCY LIST OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	DATE
Hack				DATE
5/2/2	IO-360ES21, Hobbs: 393.7 *** Airframe V Comple accordance w NLG Assemble Prop Governor not applicable defects noted 05/2012. ELT Replaced left 011-01060-00 5/5/2011. Re wheel bearing 10147646. Cle nose gear forl Chap. 51-20. FAK-009/G3/I I certify if be in airworthy Kevin K. Fensi	S/N: 360677, Time: 293.4; Prop - Type: Flight Hobbs: 299.7 Vork *** ted an Annual inspection (Cirrus Maintenaith the Cirrus Design SR20 Inspection For y inspection by visual inspection. Next dur not applicable by Ontic governor not insuby aircraft not turbocharged. Complied Inspected and tested ELT in accordant battery due 07/2013. Replaced left and and right wing outboard fuel sender dials and right wing outboard fuel sender dials and right wing outboard fuel sender dials. Sen 23406215, after repair by GARMIN placed left main tire with new, p/n 156E6 and, inspected and repacked wheel beat thrust washer p/n 50545-001 with new. Cleaned, prepped and painted left wheel S with new. Replaced left gear protector hat this aircraft has been inspected in accordition.	cordance with an Annual inspection and was determined to	
	- 3606 Cor	n Aviation - Madison ben Court WI 53704 5003	Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567	

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	Hobbs: 402.8 Fligh ***Airframe Work*** Removed WX-5	500 Processor, p/n 805-11500-001, s/n 93665 and installed WX-500 Processor, p/n 93665, after inspection by L-3 Communications Avionics Systems, Inc., CRS# NN2R037L, 05/18/2011.
	Dan Stammen A&P 2636878 Wisconsin Avia 3606 Corben C Madison, WI 5 608-268-5003	Court Wisconsin Aviation - Watertown 1741 River Drive Watertown WI 53094

☐ 14 CFR 43.9 Return to Service ☐ Other regular	tions specified in Block 13	
Certifies that unless otherwise specified in block 13, the wo and described in Block 13 was accomplished in accordance Federal Regulations, part 43 and in respect to that work, the return to service.	e with Title 14, code of	
Authorized Signature:	21. Approval/Certificate No.: G6XR582Y	N456AK p/n: 011-01060-00 s/n: und strap from WX-
Name (Typed or Printed)	23. Date (m/d/y)	e from around WX-500
Wathana Syhavong	Jul 08 2011	1 system with WX-PA
sponsibilities		
authority to install the part/component/assembly. s authority different than the airworthiness authority of the couromponents/assemblies from the Airworthiness Authority of the		Regulations /ork number.
nance records must contain an installation certification issued in	n accordance with the	
B * Installer must cross-check eligibility with appl	icable technical data.	ly 28, 2011 to Cirrus instructions
Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003	Wisconsin A 1741 River Watertown, 920-261-45	WI 53094

3. System Tracking Ref. No. SE CERTIFICATE DATE S O # 1543181 INESS APPROVAL TAG 5. Work Order Contract/Invoice Number:) s/n: S O # 1543181 10. Quantity: 11. Serial/Batch Number: 12. Status/Work: **K-500** -PA 23401412 **MODIFIED** an rai o the Loaner process set forth by Garmin. 145 and in respect to that work the component is ready for release to service under EASA Partet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev-Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Watertown, WI 53094 Madison, WI 53704 920-261-4567 608-268-5003

	proving National Aviation Authority/Country:	AUTHO	RIZED REL	EASE CE	RTIFICAT		
FAA/UNITED STATES FAA Form 8130-3, AIRWORTHINE			RTHINESS APP	INESS APPROVAL TAG S O # 15		1543181	
. Organ	ization: GARMIN Internati	onal 1200 E 151st	Olathe, KS 66062				ontract/Invoice Number:
5. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:		12. Status/Work:
1.	GNS430W,Blk	011-01060-	-00 N/A	1	23401412		MODIFIED
This u	nit complies with Service Bullet	ins No. 0740, 0808, 08	18, 0848, 0918, and 0949.				
	tifies the items identified above was a period of the items and are in the contract of the interest of the interest of the interest of the interest of the items	condition for safe opera	. ,	Certifies that u	.9 Return to Service unless otherwise specified i in Block 13 was accompli	shed in accordance with	ntified in Block 12 Title 14, code of
		condition for safe opera	. ,	Certifies that u	inless otherwise specified in Block 13 was accompliations, part 43 and in respe	in block 13, the work idea	ntified in Block 12 Title 14, code of
	Approved design data and are in a lon-approved design data specific prized Signature	condition for safe opera	16. Approval/Authorization No.:	Certifies that u and described Federal Regulareturn to service	in Block 13 was accompliations, part 43 and in respecte.	in block 13, the work idea ished in accordance with ect to that work, the items	ntified in Block 12 Title 14, code of s are approved for 21. Approval/Certificate N
☐ A ☐ N 5. Author	Approved design data and are in a lon-approved design data specific prized Signature N / A	condition for safe opera	16. Approval/Authorization No.: N / A	Certifies that u and described Federal Regula return to servio	inless otherwise specified in Block 13 was accompliations, part 43 and in respecte.	in block 13, the work idea is shed in accordance with the to that work, the items	ntified in Block 12 Title 14, code of s are approved for 21. Approval/Certificate N G6XR582Y
☐ A ☐ N 5. Author	Approved design data and are in a lon-approved design data specific prized Signature N / A (Typed or Printed	condition for safe opera	16. Approval/Authorization No.: N / A 18. Date (m/d/y)	Certifies that u and described Federal Regulareturn to service	inless otherwise specified in Block 13 was accompliations, part 43 and in respecte.	in block 13, the work identified in accordance with the cet to that work, the items	ntified in Block 12 Title 14, code of s are approved for 21. Approval/Certificate N
☐ A ☐ N 5. Author	Approved design data and are in a lon-approved design data specific prized Signature N / A	condition for safe opera	16. Approval/Authorization No.: N / A 18. Date (m/d/y) N / A	Certifies that u and described Federal Regula return to servio	inless otherwise specified in Block 13 was accompliations, part 43 and in respecte.	in block 13, the work identified in accordance with the cet to that work, the items	ntified in Block 12 Title 14, code of s are approved for 21. Approval/Certificate N G6XR582Y 23. Date (m/d/y)
Authorn Name 7. Name It is imp	Approved design data and are in a don-approved design data specific prized Signature N / A (Typed or Printed N / A Portant to understand that the exist the user/installer performs work in the content of the conte	ed in block 13 stence of this Document	16. Approval/Authorization No.: N / A 18. Date (m/d/y) N / A	Certifies that use and described Federal Regulareturn to service 20. Authorized Signate 22. Name (Typed or Programs of Program	unless otherwise specified in Block 13 was accompliations, part 43 and in respecte. ure: Wathana Syhavong stall the part/component/asent than the airworthiness a	in block 13, the work idea is shed in accordance with ext to that work, the items are seembly.	ntified in Block 12 Title 14, code of s are approved for 21. Approval/Certificate N G6XR582Y 23. Date (m/d/y) Jul 08 2011

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INSPECTION RECORE F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREDANCE AIRCRAFT TIME DATE WISCONSIN AVIATION FOUR LAKES, INC. **N456AK** DESCRIPTION OF WORK DONE: Removed GNS-430W p/n: 011-01060-00 s/n: 23406215 and installed loaner GS-430W p/n: 011-01060-00 s/n: 23401412. Configured for aircraft. Installed Lonestar 6 port cooling fan. Installed ground strap from WX-500 processor to belly ground plane. Removed half inch wide strip of ground plane tape from around WX-500 antenna to isolate antenna ground plane from the rest of aircraft ground. Ramp checked system with WX-PA ramp tester. System ramp checks satisfactory. -----END-----The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number. DATE: <u>7/28/11</u> HOBBS: <u>426.9</u> WO#: <u>AV11-10565</u> SIGNED: < 3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D (608) 268-5038 FAX (608) 268-5006 Thursday, July 28, 2011 Flight Hobbs: 323.7 Hobbs: 426.9 N456AK Replaced the right fuel tank quantity sender units p/n 18497-101, and 18739-201 according to Cirrus instructions Timothy H. Woods AP399480038 Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Watertown, WI 53094 Madison, WI 53704 920-261-4567 608-268-5003

1. App	proving National Aviation	2.		EUB CEBNICE
	Aethority/Country:	AUTHORIZ	ED RELE	A
FA	A/UNITED STATES	FAA Form 8	3130-3, AIRWOR	TH _{6AK}
4. Organi	ization: GARMIN Interna	tional 1200 E 151st Olathe, K	CS 66062	verhauled
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	amp checked
1.	GNS430W,Blk	011-01060-00	N/A	
This "C	Certifies that the work specified	ewly Overhauled. It has been analyzed in block 12/13 was carried out in action of the work that was performed to the state of the work that was performed to the work that was performed t	ccordance with EASA I	Part
This "C 145 Ap AE, Re	Certifies that the work specified pproval Number: EASA.145.55 evision Date 6/30/2011.	d in block 12/13 was carried out in a	ccordance with EASA I on this unit was done to	nd c
This "C 145 Ap AE, Re	Certifies that the work specified pproval Number: EASA.145.55 evision Date 6/30/2011.	d in block 12/13 was carried out in action of the state o	ccordance with EASA I on this unit was done to	nd c
This "C 145 Ap AE, Re	Certifies that the work specified pproval Number: EASA.145.55 evision Date 6/30/2011.	d in block 12/13 was carried out in action of the state o	ccordance with EASA I on this unit was done to	Part o mo
This "C 145 Ap AE, Re	Certifies that the work specified pproval Number: EASA.145.55 evision Date 6/30/2011.	d in block 12/13 was carried out in action of the state o	ccordance with EASA I on this unit was done to	Part o mo

Approving National Aviation Aethority/Country:	A LITITOI	RIZED RELE	AS	EF CF	DTIELCATE		acking Ref. No.
FAA/UNITED STATE	C	Form 8130-3, AIRWORT					# 1566541
Organization: GARMIN Inte	rnational 1200 E 151st Ol					5. Work Ord	er Contract/Invoice Number:
O'Haili inte	,	ane, 125 00002				S O	# 1566541
Item: 7. Description:	8. Part Number:	9. Eligibility: *		10. Quantity:	11. Serial/Batch Number:		12. Status/Work:
1. GNS430W,Blk	011-01060-00	N/A		1	23404643		OVERHAULED
This "Certifies that the work spect 145 Approval Number: EASA.14 AE, Revision Date 6/30/2011. This unit complies with Service In the complication of the complex o	15.5534". The work that was pe	on this unit was done to 0848, 0918, and 0949.		the requiremen	its of all sections of the mainter	nance manual pa	
Approved design data and a	re in condition for safe operation pecified in block 1.3	n		and described	unless otherwise specified in bl in Block 13 was accomplished lations, part 43 and in respect to ice.	d in accordance	with Title 14, code of
5. Author 22d Signature N / A		16. Approval/Authorization No.: N / A	20.	Authorized Signa	Donald Ma	lla	21. Approval/Certificate No G6XR582Y
7. Name (Typed or Printed N / A		18. Date (m/d/y) N / A	22.	Name (Typed or I			23. Date (m/d/y) Jul 21 2011
		User/Installe	r Res	onsibilities			
t is important to understand that the Where the user/installer performs volock 1, it is essential that the user block 1. Statements in block 14 and 19 do reactional regulations by the user/installer.	work in accordance with the natificate of the second of th	tional regulations of an airwort rworthiness authority accepts p ication. In all cases, aircraft m	hiness parts/c	authority diffe	rent than the airworthiness authemblies from the Airworthiness	nority of the cour Authority of the	e country specified in
DESCO. W.	Computer Generated, GARM	IN International Inc. P/N 002-000 Copyright K.			* Installer must cross-check of	eligibility with appl	licable technical data.

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KIND OF INSPECTION-STATUS & DISCREPANCY LIST

THE OF BERCON ARRESTALL OF DICARRESOVING AIRCRAFT EOR CERVICE

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N456AK

Removed loaner #2 Garmin GNS-430W p/n 011-01060-00 s/n 23401412. Installed warranty overhauled exchange p/n 011-01060-00 s/n 23404643. Configured system settings for aircraft systems. Ramp checked satisfactory.

-END

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 9/7/2011 HOBBS: 445.8 WO#: 10692 SIGNED:

3606 Corben Ct. – Madison, WI 53704 - CSR No. DBKR124D (608) 268-5006 (608) 268-5038 FAX

10/30/2011 /1086s 456.9 Flight 345.3

Removed Main battery and replaced with new Gill 243

Sent 60268/5Nb by there charged and tested

per teledype service instructions from the state of the service instructions of the service instruction of the service instructions of the service instruction of the service instructions of the service i

INSPECTION RECORD F.A.R. 43.11-91.469

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
F pr	D-360ES21, S/N: 3606 lobbs: 458.7 Flight has a complied with Cillian Actuator Over-Extended with 16579-002 with	aft: N456AK; Type: SR20; S/N: 1979; Hobbs: 346.4; Total Time: 340.1; Engine - Type: 77, Time: 340.1; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 340.1 Hobbs: 346.4 Trus SB2X-27-16R1 (05/06/11) Modification to Prevent Possible Asymmetric Flap and ension Conditions by installation of flap mod kit p/n 70255-001. Replaced cyl #1 EGT th new. Replaced cyl #5 CHT probe p/n 16578-001 with new. Removed door panels, ctuator. Polished push buttons actuator, lubed push buttons actuator and latches.
	an Stammen &P 2636878 / Mac Wisconsin Avia 3606 Corben C Madison, WI 5 608-268-5003	ourt 1741 River Drive

INSPECTION RECORD AIRCRAFT TIME SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE IN SERVICE DATE Date: 5/25/2012; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 367.3; Total Time: 361.0; Engine -Type: IO-360ES21, S/N: 360677, Time: 361.0; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 361.0 Hobbs: 488.7 Flight Hobbs: 367.3 *** Airframe Work *** Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with Cirrus SB 2X-21-05(2/27/11) Cabin Air Coupler Actuator Rigging. Ops checked good. Cirrus SB 2X-27-16R1 has been previously complied with. Complied with Cirrus SB 2X-32-19R2 NLG Assembly inspection per visual inspection, no defects noted. Next Due: 461.0 ACTT. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/2013. ELT battery due 07/2013. Replaced #2 batteries p/n 50979-001 with new. Replaced gascolator filter with filter kit #1742243-05. Updated SR22 POH with Revision A10. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condit 2636878 77 Dan Stammen A&P 2636878 IA Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Watertown, WI 53094 Madison, WI 53704 920-261-4567 608-268-5003 13.5 Flight 386.1 Date: 2/15/2013; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 421.1; Total Time: 414.8 Hobbs: 559.5 Flight Hobbs: 421.1 ***Airframe Work*** Replaced differential switch p/n 14128-001 with new. Doug Seibel A&P389765035 IA Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Watertown, WI 53094 Madison, WI 53704 920-261-4567 600 260 5002

Fb 20	F	TOP PART OF THE	t: 3 02.11		
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L	3606 Corben C Madison, WI 5			Watertown, \ 920-261-456	VI 53094

	ng National Aviation ority/Country:	AUTHORIZ	ED PE	LEASE	CEDTI	FICATE	3. Form	Tracking Number:
FAA/U	INITED STATES				APPROVAL TAC		GNS430	W-23404643-28FEB2013
.A. Air Ce 3W730 U.			1110120 0,1				5. Worl Numbe 226984	COrder/Contract/Invoicer:
6. Item:	7. Description:	8. Part Number:	9. E	ligibility:*	10. Quantity:	11. Serial/Batcl	Number:	12. Status/Work
	GNS430W	011-01060-00	TBV by inst	taller	1	23404643		Repaired and Tested
□ Ар		ve were manufactured in conformine in condition for safe operation. ecified in Block 13.	ity to:	Certifies the and descriped Federal Ro	bed in Block 13 wa egulations, part 43	rvice Other e specified in block 13 s accomplished in acc and in respect to that	, the work ide	Title 14, Code of
☐ Ap	pproved design data and ar	e in condition for safe operation.		Certifies the	hat unless otherwis bed in Block 13 wa egulations, part 43 service.	e specified in block 13 s accomplished in acc	, the work ide ordance with work, the ite	entified in Block 12 Title 14, Code of
☐ Ap ☐ No	oproved design data and ar on-approved design data sp	e in condition for safe operation. secified in Block 13.		Certifies the and descri Federal Regreturn to s	hat unless otherwise bed in Block 13 wa egulations, part 43 service. Signature:	e specified in block 13 s accomplished in acc	, the work ide ordance with work, the iter 21. NF	entified in Block 12 Title 14, Code of ms are approved for Approval/Certificate No.:
☐ Ap ☐ No ☐ 15. Author	oproved design data and ar on-approved design data sp rized Signature: (Typed or Printed):	e in condition for safe operation. secified in Block 13. 16. Approval/Auth	horization No.: User/Inst	Certifies the and descriped return to see the control of the contr	hat unless otherwise bed in Block 13 wa egulations, part 43 service. Signature: ed or Printed): ll	e specified in block 13 s accomplished in acc and in respect to that	, the work ide ordance with work, the iter 21. NF. 23. 28F	entified in Block 12 Title 14, Code of ms are approved for Approval/Certificate No.: 2R029L Date (m/d/y):

Date: 5/10/2013; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 447.0; Total Time: 440.7; Engine-Type: IO-360ES21, S/N: 360677, Time: 440.7; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 440.7 Hobbs: 591.3 Flight Hobbs: 447.0 """ Airframe Work "" Completed an Annual inspection in accordance with FAR 43, Appendix D. Completed with Cirrus SB 2X-57-13 (6/28/12) NLG Assembly inspection, no defects noted. Next Due: 540.7 ACTT. Completed with SB 2X-57-13 (6/28/12) Lower Landing Gear Attach Bracket torque inspection per SB 2X-57-13 by checking / re-torquing affected bolts on both left and right MLG assemblies. Replaced ELT battery 455-0012 with new. Next replacement due date 3/2020. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next Due: 5/2014. Replaced left door latch p/n 21861-001 with new. Replaced right door latch p/n 21889-001 with new. Replaced left and right main tires on wheels to promote even tire wear. Replaced left and right main tube p/n 097-500-0 with new. Replaced left side exhaust clamp hardware p/n MS21045C3 and AN3C4A with new. Cleaned and re-shimmed between clamp and lower attach fitting to obtain gap tolerance. Installed new tape on left wingroot fairing as needed. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Dan Stammen ARP 2636878 IA Wisconsin Aviation - Madison		THE STATE OF THE S	F.A.R.	43.11-91.4	09 Mantergra	
Date: 5/10/2013; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 447.0; Total Time: 440.7; Engine-Type: IO-360ES21, S/N: 360677, Time: 440.7; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 440.7 Hobbs: 591.3 Flight Hobbs: 447.0 **** Airframe Work *** Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with Cirrus SB 2X-32-19R3 (6/28/12) NLG Assembly inspection, no defects noted. Next Due: 540.7 ACTT. Complied with SB 2X-57-13 (6/26/12) Lower Landing Gear Attach Bracket torque inspection per SB 2X-57-13 by checking / re-torquing affected bolts on both left and right MLG assemblies. Replaced ELT battery 455-0012 with new. Next replacement due date 3/2020. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next Due: 5/2014. Replaced left door latch p/n 21861-001 with new. Replaced right door latch p/n 21889-001 with new. Rotated left and right main tires on wheels to promote even tire wear. Replaced left and right main tube p/n 097-500-0 with new. Replaced left side exhaust clamp hardware p/n MS21045C3 and AN3C4A with new. Cleaned and re-shimmed between clamp and lower attach fitting to obtain gap tolerance. Installed new tape on left wingroot fairing as needed. Ground run for operational and leak checks good. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Dan Stammen A&P 2636878 IA Wisconsin Aviation - Madison	DATE			KIND OF INSPEC	TION-STATUS & DISCREPANCY LIST	E
Type: IO-360ES21, S/N: 360677, Time: 440.7; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 440.7 Hobbs: 591.3 Flight Hobbs: 447.0 *** Airframe Work *** Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with Cirrus SB 2X-32-19R3 (6/28/12) NLG Assembly inspection, no defects noted. Next Due: 540.7 ACTT. Complied with SB 2X-57-13 (6/26/12) Lower Landing Gear Attach Bracket torque inspection per SB 2X-57-13 by checking / re-torquing affected bolts on both left and right MLG assemblies. Replaced ELT battery 455-0012 with new. Next replacement due date 3/2020. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next Due: 5/2014. Replaced left door latch p/n 21861-001 with new. Replaced right door latch p/n 21889-001 with new. Rotated left and right main tires on wheels to promote even tire wear. Replaced left and right main tube p/n 097-500-0 with new. Replaced left side exhaust clamp hardware p/n MS21045C3 and AN3C4A with new. Cleaned and re-shimmed between clamp and lower attach fitting to obtain gap tolerance. Installed new tape on left wingroot fairing as needed. Ground run for operational and leak checks good. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Dan Stammen A&P 2636878 IA Wisconsin Aviation - Madison Wisconsin Aviation - Watertown	28 FE b 2013	installed Con	n 4300 Nav#2 after	repair		
3606 Corben Court Madison, WI 53704 608-268-5003 1741 River Drive Watertown, WI 53094 920-261-4567		Type: IO-360E Hobbs: 591.3 *** Airframe W Complete Complied with Complied with checking / re-to new. Next rep noted. Next Du Replaced left and right m new. Replaced between clamp Ground run for I certify th in airworthy co Dan Stammen A&P 2636878 Wisconsin 3606 Corb Madison,	Flight Hobbs: 447.0 Flight Hobbs: 447.0 Fork *** ed an Annual inspection in according SB 2X-32-19R3 (6/28/1) In SB 2X-57-13 (6/26/12) Lower orquing affected bolts on both placement due date 3/2020. Insue: 5/2014. I left door latch p/n 21861-001 thain tires on wheels to promote do left side exhaust clamp hardword and lower attach fitting to obtain this aircraft has been inspected in a Aviation - Madison on Court WI 53704	ordance with FAR 43 12) NLG Assembly in Landing Gear Attack left and right MLG as spected and tested Elevith new. Replaced even tire wear. Replayare p/n MS21045C3 ain gap tolerance. Inspood. cted in accordance were wear accordance were possible to the control of the control o	Appendix D. Ispection, no defects noted. Next Due: 540.7 in Bracket torque inspection per SB 2X-57-13 issemblies. Replaced ELT battery 455-0012 w. T in accordance with FAR 91.207(d), no defect in accordance with FAR 91.207(d), no defect in accordance with FAR 91.207(d), no defect in accordance with respect to the second left and right main tube p/n 097-500-0 with an Annual inspection and was determined to the second left accordance with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with an Annual inspection and was determined to the second left wingroot fairing as need with a second left wingroot fairing with a second left wingroot fairing with a second left wingroot	ACTT. by ith ects ated th nmed ded. to be

N456AK Aircraft Log 1 INSPECTION RECORD DATI Date: 2/07/2014; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 481.6; Total Time: 475.3 Hobbs: 640.4 Flight Hobbs: 481.6 *** Airframe Work *** Replaced CAPS system reef line cutters with new kit p/n 25347-002. Line cutters p/n 26707-001, s/n 5490 and 5488, Lot # 1 RRL 1213 and MFG date 12/13. Doug Seibel 14389765035 A&P389765035 IA Wisconsin Aviation - Madison Wisconsin Aviation - Watertown 3606 Corben Court 1741 River Drive Madison, WI 53704 Watertown, WI 53094 608-268-5003 920-261-4567

F.A.R. 43.11-91.409

AIRCRAFT TIME KIND OF INSPECTION-STATUS & DATE IN SERVICE SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE Date: 5/23/2014; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 490.3; Total Time: 484.0; Engine -Type: IO-360ES21, S/N: 360677, Time: 484.0; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 484.0 Hobbs: 653.5 Flight Hobbs: 490.3 ***Airframe Work*** Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with SB 2X-32-19R3 by visual inspection of NLG assembly, no defects noted. Next due 584.0 ACTT. Complied with Cirrus SA 13-05 (8/26/13) Elevator Hinge Pin Inspection, no defects noted. Complied with Cirrus SA 13-09 (12/11/13) Regarding Avidyne Service Information Letter 606-00170-003 by placing copy of service letter in supplement section of POH and returned POH to aircraft. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next Due: 05/2015. ELT battery due 03/2020. 406 ELT 15 Digit Code is ADCC4 0938C 00261. Complied with Inspection for Continued Airworthiness of DFC 90 per ICA section 5.1 para. 1 & 2. Complied with Cabin fire extinguisher inspection, no defects noted. Replaced #2 batteries p/n 50979-001 with new. Replaced induction filter BA-24 with new. Replaced gascolator filter with new filter kit 1742243-05. Visually inspected wiring & mounting of alternator #1, no defects noted. Lubed both cabin door locks, ops checked good. Reorientated co-pilots door lock to proper position. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. 2636828 IA Dan Stammen A&P 2636878 IA Wisconsin Aviation - Madison Wisconsin Aviation - Watertown 3606 Corben Court 1741 River Drive Madison, WI 53704 Watertown, WI 53094 608-268-5003 920-261-4567

INSPECTION RECORD F.A.R. 43.11-91.409 AIRCRAFT TIME IN SERVICE SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE Date: 3/16/2015; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 527.7; Total Time: 521.4; Engine -Type: IO-360ES21, S/N: 360677, Time: 521.4; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 521.4 Hobbs: 706.0 Flight Hobbs: 527.7 *** Airframe Work *** Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with SB 2X-32-19R3 Nose Landing Gear Assembly Inspection and Reinforcement by visual inspection of NLG assembly, no defects noted. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 3/11/16. ELT battery due 3/2020. Inspected and weighed cabin fire extinguisher, no defects noted. Replaced induction air filter BA-24 with new. Replaced gascolator filter kit # 1742243-05. Removed EMA Controller p/n 508358-421 and installed EMA Controller p/n 20902-001. Serviced new battery p/n G243, s/n G02859278 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Reinstalled DFC 90, p/n 700-00170-000, s/n M111437013, after modified by Avidyne Corporation, CRS# 1VAR161B, Wo# 9026978, dated 3/2/2015. Ops checks good. Replaced brake caliper piston orings with new. Bleed and replenished brake system. Replaced right strobe flash tube p/n 36-0050705-00 with new. Adjusted right gear saddle for proper gap measurement. Removed old tape from left wing to fuselage fairing, cleaned surfaces and installed new tape. I certify that this airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition Patrick Higgins A&P 3624624 IA Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Madison, WI 53704 Watertown, WI 53094 920-261-4567 608-268-5003

INSPECTION RECORD F.A.R. 43.11-91.409

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KIND OF INSPECTION-STATUS & DISCREPANCY LIST AIRCRAFT TIME SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE IN SERVICE DATE Date: 7/27/2015; Aircraft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 541.9; Total Time: 535.6 Hobbs: 727.9 Flight Hobbs: 541.9 ***Airframe Work*** Removed DFC, p/n 700-00170-000, s/n M111437013 and installed DFC, p/n 700-00170-000, s/n M144131102, after repair by Avidyne Corporation, CRS# 1VAR161B, WO# 9028129 dated 10/Jul/2015. Dan Stammen A&P 2636878 IA Wisconsin Aviation - Watertown Wisconsin Aviation - Madison 1741 River Drive 3606 Corben Court Watertown, WI 53094 Madison, WI 53704 608-268-5003 920-261-4567 DATE: 31 August, 201 J.A. Air Center J.A. Air Center MAKE: Cirrus Design Corp. A/C TSN: 550: MODEL: Sr20 TACH: 550. S/N: 1979 Repair Station No. NF2R029L REG. NO: N456AK 43W730 US RT 30 Sugar Grove, Illinois 60554 WORK ORDER: 4509-08-2015 Phone: 630.584.3200 Airframe Entries Installed exchanged/overhauled #1 alternator p/n ES-4024LPR, s/n H-P051356 from Hartzell Engine Technologies, ref. w.o. M57770. Ground run operational checks were satisfactory. Performed battery capacity check to the #1 battery in accordance with the Gill dry-charge maintenance manual. Capacity found to be above 80%. Charged both #2 batteries and re-installed. Operational checks satisfactory. Maintenance Release The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the reservice and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NEZRUZ9L and EASA 145.5424 under Work Order No. 4509-08-2015, Dated 31 August, 2015. Work Order: 4509-08-2015 DATE: 31 August, 2015 SIGNED: Printed by EBis 3 (datcomedia.com) Bruce Rebechini Certified Repair Station No. NF2R029L

F.A.R. 43.11-91.409 Main tenance

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
Dia Ty Ho	ate: 4/01/2016; Aircra ype: IO-360ES21, S/N obbs: 767.9 Flight H * Airframe Work *** Completed an Ann omplied with Cirrus SE ith visual reinspection Inspected and test EX ID: ADCC40938C0 f AmSafe restraints, no 0979-001 with new. In Upgraded both Gal alve inspection. Repla II plate well nuts p/n w	aft: N456AK; Type: CIRRUS SR20; S/N: 1979; Hobbs: 573.4; Total Time: 567.1; Engine - N: 360677, Time: 567.1; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, Time: 567.1 Hobbs: 573.4 mual inspection in accordance with FAR 43, Appendix D. B2X-27-17 (6/3/13) Electronic Flap Relay Installation by replacing flap relay. Complied of nose landing gear support, no discrepancy noted. ted ELT in accordance with FAR 91.207(d) - no defects noted. Next due 4/2017. 15-Digit 00261. ELT battery due 3/2020. Complied with Instructions for Continued Airworthiness to defects noted. Replaced induction filter p/n BA-24 with new. Replaced #2 batteries p/n inspected and weighed cabin fire extinguisher, no defects noted. armin 430s to 5.3 per Garmin Service Bulletin 1618. Complied with cabin heat mixing acced flight hour meter differential switch p/n 14128-001 with new. Replaced cargo door with new as required. Performed composite repair to right wheel pant axle bolt hole and	
sil re ac Pa Ad W 31	Il plate well nuts p/n we-drilled hole as require Ground run for ope coordance with an Annatrick Higgins &P 3624624 IA Visconsin Aviation 606 Corben Cour	with new as required. Performed composite repair to right wheel pant axle bolt hole and red. Secured cowl chafe tape as required. erational and leak check normal. I certify that this aircraft has been inspected in nual inspection and was determined to be in airworthy condition. Wisconsin Aviation - Watertown 1741 River Drive	
	Madison, WI 5370 08-268-5003	04 Watertown, WI 53094 920-261-4567	

INSPECTION RECORD

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
51	Hobbs: 767.9 Flight Hobb	BB2X-52-08 (3/3/16) Catcher/Diverter and Gas Strut Replacement by installing kit p/n
	Wisconsin Aviation - 3606 Corben Court Madison, WI 53704 608-268-5003	Madison Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE		KIND OF INSPECTION-STATUS & DISCREPANCY LIST ERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	Type: IO-360ES21, S/N Time: 608.5 Hobbs Time 831.6, Flig ***Airframe Work*** Completed an Annu Erroneous Display due with Instructions for cor for continued airworthin date on 07/2014. Next is Complied with Cirro Reinforcement, no defenoted. Next due 04/201 Performed ground	ht Hobbs 614.8 al inspection in accordance with Fito slow diaphragm leak not application are stored airworthiness for AmSafe ess for DFC 90 Autopilot, no deferefurbish 07/2021. Next Replacem us SB 2X-32-19R3 (6/28/12) Nose cts noted. Inspected and tested 18. ELT battery due 03/2020. run, operational, and leak checks	O; S/N: 1979; Hobbs: 614.8; Total Time: 608.5; Engine - 608.5; Prop - Type: PHC-J3YF-1RF, S/N: FP6595B, FAR 43, Appendix D. AD 17-04-06 Instruments - cable per by altimeters installed not affected. Complied Restraints, no defects noted. Complied with Instructions ects noted. Confirmed EMA Controller manufacture ment 07/2028. No further action required. e Landing Gear Assembly Inspection and ELT in accordance with FAR 91.207(d), no defects s - no defects noted. I certify that this aircraft has been was determined to be in airworthy condition.
	Wisconsin Aviati 3606 Corben C Madison, WI 53 608-268-5003	ourt	Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567

INSPECTION RECORD F.A.R. 43.11-91.409

F.A.R. 43.11-91.409		
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	WISC	CONSIN AVIATION FOUR LAKES, INC.
DE	SCRIPTION OF WO	ORK DONE: N456AK
Mode S/ADS Balance, and were installed Revised aircr	S-B In/Out Transponder. installed GTX-345 A.F.I d, configured and checked	1337 dated 6/30/17. Removed GTX-327 Transponder and installed GTX-345 IAW Garmin STC/AML Installation manual. Revised aircraft Weight and M.S in P.O.H. Provided customer with Pilot's guide, and I.C.A. All systems ed in accordance with applicable STC installation manuals and documents. See change for applicable part and serial number changes. Transponder tested IAW check satisfactory
		END
	The aircraft component identificand was found airworthy for i	ded above was repaired and inspected in accordance with current Federal Aviation Regulations return to service. Pertinent details are on file at this agency under the following work number.
DAT	E: <u>6/30/17</u> новвя: <u>623.0</u>) WO#: AV17-15450 SIGNED:
		rben Ct. – Madison, WI 53704 - CRS No. DBKR124D 608) 268-5006 (608) 268-5038 FAX

N456AK Aircraft Log 1

INSPECTION RECORD F.A.R. 43.11-91.409

MAKE: Cirrus Design Corp MODEL: Sr20 S/N: 1979 REG. NO: N456AK WORK ORDER: 6566-05-2017

Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630.584.3200

DATE: 26 May, 2017 -A/C TSN: 618.7 TACH: 618.7 =

9 repaired on GARMIN # 95	445203. Installed and tested.	
onent identified was repaired an	d inspected in accordance with current regulations of the Federal Station CRS NF2R029L and EASA.145.5424 under Work Order N	Aviation Administration and was found Airworthy for lo. 6566-05-2017, Dated 26 May, 2017.
SIGNED:	11/4 8/	Work Order: 6566-05-2017
Doug Mall Certified Repair Station		Printed by EBis 3 (datcomedia.com)
		DATE: 12 June, 2017 A/C TSN: 620.3 –
	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630.584.3200	TACH: 620.3
		and the property of the proper
SN 23405759 repaired on	Garmin 8130-3 # 95799276. Installed and tested.	
oonent identified was repaired <u>ar</u> le repair are on file at this repair	nd inspected in accordance with current regulations of the Federa station CRS NF2R029L and EASA145.5424 under Work Order N	Aviation Administration and was found Airworthy for Io. 6614-06-2017, Dated 12 June, 2017.
SIGNED:	was / bell	Work Order: 6614-06-2017
) UIX	Work Order: Golf Go Earl
Doug Mall Certified Repair Station	No. NF2R029L	Printed by EBis 3 (datcomedia.com)
	SIGNED: Doug Mall Certified Repair Station O SN 23405759 repaired on conent identified was repaired are repair are on file at this repair	Doug Mall Certified Repair Station No. NF2R029L J.A. Air Center Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630.584.3200 O SN 23405759 repaired on Garmin 8130-3 # 95799276. Installed and tested.

	WISCONSIN AVIATION FOUR LAKES, INC.					
DATE	DESCRIPTION OF WORK DONE: N456AK					
	Reflashed unit software. System ramp checks satisfactory in accordance with part 43 app F. Found several grey code lines breaking at one of the radio module disconnects. Replaced all pins in connector. System ramp checks satisfactory in accordance with Part 43 app E(c). Replaced BNC at transponder rack. Removed, cleaned and reinstalled transponder antenna. System ramp checks satisfactory in accordance with Part 43 app F.					
	The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.					
	DATE: 7/5/17 HOBBS: 851.8 WO#: AV17-15468 SIGNED: 5 / Superior Signed: 53704 - CRS No. DBKR124D (608) 268-5006 (608) 268-5038 FAX					
	WISCONSIN AVIATION FOUR LAKES, INC.					
	DESCRIPTION OF WORK DONE: Removed Garmin GTX-345 p/n: 011-03302-00 s/n: 3EG006729 and installed new exchange GTX 345 p/n: 011-03302-00 s/n: 3EG005316. Configured for aircraft. System ramp checks satisfactory in accordance with Part 43 app. F and the installation manual.					
	The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.					
	DATE: 7/14/17 HOBBS: 587.0 WO#: AV17-15500 SIGNED: 2 / 1 See /					

INSPECTION RECORD F.A.R. 43.11-91.409

_	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
DATE		PERSON AFFROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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