#### Cirrus SR22

AD#	Subject	Amdt#	Eff Date	Recurring
01-25-03	Elevator and Rudder Rivets V/A SIN	39-12556	12/17/01	
02-05-05	Superseded By 02-24-08	33-12330		
02-21-02	Roll and Yaw Trim Cartridges	39-12908	11/08/02	
02-24-08	Airplane Parachute System MA/3/N	39-12973	01/24/03	
05-17-19	Superseded By 06-19-10	35-12573	01124100	
06-07-06	Wire Chafing on Fuel Lines PCW 12-5-05 177	39-14533	05/11/06	
06-19-10	Crew Seat Break-Over Bolt PCW 2-6-06 120	1.3 39-14767	10/24/06	
06-21-03	Brake Caliper Piston O-Ring Seals PCW 1-3-07 427	4	11/17/06	Yes
07-14-03	Parachute System PCW 4-23-07482-33-10-06 438	ý 39-14787		163
07-24-13	Allaran Control Bullay N/4	00-10120	08/16/07	
	Dudden and Alleren Controls 7/W 5-26-08 732.6	39-15279	12/04/07	
08-03-16	Rudder and Alleron Controls	39-15367	03/11/08	
08-14-13	In-Flight Cabin Door Failure PCV 10 76 40	39-15608	08/14/08	
09-26-01	Anti-Ice Fluid Line NA (S/IV)	39-16136	12/21/09	

### Continental IO-550-N

AD#	Subject	Amdt #	Eff Date	Recurring
88-03-06	Oil Filter N/A	39-5888	04/15/88	
91-19-03	Collapsed Oil Filter Elements N/A	39-8030	09/29/91	
93-10-02	Missing Cylinder Valve Retainer Key VP	39-8603	08/12/93	
99-09-17	Superseded By 99-19-01			
99-19-01	Crankshaft Cheek Cracks V/A	39-11290	09/30/99	
00-08-51	Superseded By 00-23-21			
00-23-21	Crankshaft Connecting Rod Journal Failure	39-11994	12/12/00	
04-08-10	ECi Reciprocation Engine Cylinder Head Cracks N/A-	39-13579	05/05/04	
07-16-10	Kelly Aerospace Turbocharger WA	39-15149	08/23/07	
09-16-03	Superseded By 14-05-29			
09-24-51 E	Superseded By 09-24-52 E			
09-24-52 E	Superseded By 10-11-04			
10-11-04	Hydraulic Lifter Face Wear WA by PIN	39-16309	06/16/10	
11-25-51	Superseded By 12-10-13			
12-03-06	AVStar Fuel Servo Diaphragm N/A	39-16947	02/24/12	
12-10-13	Starter Adaptor Gear Shaft WIN	39-17062	06/08/12	
14-05-29	(040) 0-10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39-17801	04/25/14	Yes
16-16-12	AEC/CMI Cylinder Assemblies WA NOT ECI Cyli	A 239-18610	09/15/16	

[Federal Register: March 30, 2006 (Volume 71, Number 61)]

[Rules and Regulations] [Page 16027-16029]

From the Federal Register Online via GPO Access [wais.access.gpo.gov]

[DOCID:fr30mr06-6]

## DEPARTMENT OF TRANSPORTATION

**Federal Aviation Administration** 

14 CFR Part 39

[Docket No. FAA-2005-23023; Directorate Identifier 2005-CE-49-AD; Amendment 39-14\$33; AD 2006-07-06]

**RIN 2120-AA64** 

Airworthiness Directives; Cirrus Design Corporation Models SR20 and SR22 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

SUMMARY: The FAA adopts a new airworthiness directive (AD) for certain Cirrus Design Corporation (CDC) Models SR20 and SR22 airplanes. This AD requires you to inspect the fuel line and wire bundles for any chafing damage; replace any damaged fuel line and repair any damaged wires or sheathing of the wire harness if any chafing damage is found; and install (to prevent any chafing damage to the fuel line and wire bundles) the forward loop clamp, fuel line shield, aft loop clamp, and anti-chafe tubing. This AD results from reports of fuel line leaks resulting from wire chafing on the fuel lines. We are issuing this AD to detect, correct, and prevent damage to the fuel line and wire bundles, which could result in fuel leaks. This failure could lead to unsafe fuel vapor within the cockpit and possible fire.

We provided the public site apportunity to participate in developing thir AD

presents the consument received on the propessivant ; Aut's response to the count

the action of the later of the complete of the condition of the condition

**DATES:** This AD becomes effective on May 11, 2006.

As of May 11, 2006, the Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulation.

ADDRESSES: To get the service information identified in this AD, contact Cirrus Design Corporation, 4515 Taylor Circle, Duluth, Minnesota 55811; telephone: (218) 727-2737, or on the Internet at http://www.cirrusdesign.com.

To view the AD docket, go to the Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-001 or on the Internet at http://dms.dot.gov. The docket number is FAA-2005-23023; Directorate Identifier 2005-CE-49-AD.

Since this graterial is included in 14 CFR gar-12, whereif indicates it in filled a Containing



### AIRWORTHINESS DIRECTIVE

Material Incorporated by Reference

1419 Downort

www.faa.gov/aircraft/safety/alerts/ www.gpoaccess.gov/fr/advanced.html

The preamble information for this AD is available at the above FAA website. applies, notify your appropria

2007-24-13 Cirrus Design Corporation: Amendment 39-15279; Docket No. FAA-2007-0250; Directorate Identifier 2007-CE-091-AD.

ember 20, 2007

#### **Effective Date**

(a) This AD becomes effective on December 4, 2007.

#### Affected ADs o samples vd notterographic of Loveret

his AD, contact Cirris Design Corporationanon (d)

#### Yentral Region, Office of the Regional CotylilidasilggA

(c) This AD applies to Model SR22 airplanes, serial 2749, that are certificated in any category.

#### **Unsafe Condition**

(d) This AD results from reports of pilots' inability excessive force when flying in freezing conditions. Moi the left and right outboard wing tips and wing structure. shear web, accumulated below the aileron control pulley

temperature below freezing. When this moisture is exposed to freezing conditions, operation of the aileron control pulley is impaired. We are issuing this AD to prevent moisture from accumulating along the wing shear web where it may freeze in certain conditions. This condition could result in operational failure of the aileron control pulley, which could lead to loss of control.

#### Compliance

(e) To address this problem, you must do the following, unless already done:

Actions	Compliance	Procedures
Install a drain hole in the left and right outboard wing tips.	At whichever of the following occurs first:  (1) Within the next 10 hours time-in-service after December 4, 2007 (the effective date of this AD); or	Follow Cirrus Design Service Bulletin SB 2X-57-08, dated November 2, 2007.
34. 4. 10 a 34.56 (b.)	(2) Within the next 30 days after December 4, 2007 (the effective date of this AD).	egan. An An John Clark 1946

# CIES Fuel sender

US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
	For FAA Use Only

of Transportati Federal Aviati Administratio	ion	(Airframe,	Powerplant, P	rop	eller, or App	liance)				
instruction	s and dispos	t or type all ensition of this for S.C. §46301(a))	ries. See Title 14 n. This report is re	4 CF equir	FR §43.9, Part 4 red by law (49 U	3 Append .S.C. §447	ix B, and A '01). Failure	C 43.9 e to rep	-1 (or su port can r	ubsequent revision thereof) for result in a civil penalty for each
		ty and Registrat	ion Mark			Serial		1		
1. Aircraft	N828 Make	BAB				Model	19			Series
		Cirrus Design Corp					-22			Tarity mades and
	Name (A	s shown on reg	stration certificate)				s (As show		_	
2. Owner	Moye	er's Transpor	t LLC			Address	1013 Ce Wilmingt		d SIE 4	State DE
1						Zip	19805-1	10000	Cou	ntry United States
			1 1		3. For FAA Use	Only	1 7 25	3		
4. Ty	roe .				5. Unit Identific	ation				
Repair	Alteration	Unit		Mal	ke		Mod	iel		Serial No.
	[X]	AIRFRAME	Cirrus	3		(As de	(As described in Item 1 above)		above)	1419
		POWERPLAN	Т	1			4.00			1
		PROPELLER								
		APPLIANCE	Type Manufacturer							
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A. Agency's N				-	B. Kind of Agend		nia	- e	Mar	nufacturer
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West Control of the C	Bell		State PA	<u> </u>		ficated Repair Station				esatu auti
Zip194	22cou	untry United	States	_ [	Certificated N	Maintenance	Organization		A&F	23786795
have be furnishe	een made in ed herein is t	accordance with true and correct	ion made to the un the requirements to the best of my k lature/Date of Auth	of P	art 43 of the U.S ledge.	5 above a Federal A	and describe Aviation Reg	ed on the	he revers as and tha	e or attachments hereto at the information
extended ran per 14 CFR P App. B			ature/Date of Autri	7	marked		01	/1	3/	2027
6					roval for Return			1	1 1 100	and the section of
Pursuant to Administrate	o the autho or of the Fed	rity given pers leral Aviation Ad	ons specified beloministration and is	ow,	the unit identifi	ed in iten Approve	n 5 was in	ejecte		e manner prescribed by the
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A Fit. Standa	ards Mar	nufacturer		Maintenance Or	ganization	100	Depar	tment of T	ed by Canadian ransport
	A Designee	Rep	air Station	x	Inspection Author	orization	Other	r (Spec	cify)	
Certificate or Designation N A&P378		Sign	ature/Date of Author	orize	d Individual		61	11	13/	2012

FAA Form 337 (10/06)

GDL-82

(5)	
US Department of Transportation	1

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
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US Departme of Transporta Federal Avia Administration	ation ation tion	(Airframe,	Powerplant	t, Prop	ALTERATIO eller, or App	oliance)	olo el conte	CHARLESTAN	For FAA Use Only
instruction	ns and disposation. (49 U.S	sition of this form S.C. §46301(a))	n. This report i	14 CF is requir	R §43.9, Part 4 ed by law (49 U	J.S.C. §44701). F	and AC Failure	3 43.9-1 (or su to report can r	ubsequent revision thereof) for result in a civil penalty for each
	Nationalit N828A	ty and Registrati B	on Mark			Serial No.	419		
1. Aircraft	Make	irrus	olin DC aua	Aug Min 1	1 2000000 11	Model SR	20	TSO Inst	Series G2
190.01	Name (A	s shown on regis	stration certific	ate)	i accordan			n on registration	certificate)
2. Owner	Nelson Aircraft Sales INC			provided a	Address PO Bo City Minot Zip 58702		Cau	State North Dakota	
CHA NO	EL BATTEL TO	V. MILESTE	ANTO L. OIL	4	3. For FAA Use		-0250		
			V		- 11-101-d-16				
1	Гуре				5. Unit Identific	cation	Mod	dal	Serial No.
Repair	Alteration	Unit	Cirrus	Mal	ke	(4. 4			1419
	×	AIRFRAME	<u> </u>			(As described in Item 1 above)		tem 1 above)	
		POWERPLAN	П						
		PROPELLER							
		APPLIANCE	Type Manufacturer						
	7 - 17		E E	6	. Conformity St				
	s Name and A	ddress			B. Kind of Age			M:	anufacturer
Address 301 Tol						ertificated Mechanic			tificate No.
· —	orgetown	1104	State Texas			Certificated Repair Station			215684512
have I	ify that the rep been made in	n accordance wit true and correct	th the requirem t to the best of	nents of I my knov	s) identified in ite Part 43 of the U. Medge.		lescrib	ed on the rever	rse or attachments hereto hat the information
Extended ra per 14 CFR App. B		Sign	nature/Date of		18	ma7202	o		
-	1- the outb				proval for Retu			'dad in t	the manner propertied by the
		deral Aviation A			the unit iden	Approved		Rejected in to	the manner prescribed by the
	FAA Flt. Stand Inspector	lards Ma	anufacturer		Maintenance	Organization	24	Department of	oved by Canadian Transport
100	FAA Designee	Re	pair Station	X	Inspection Au	thorization	Oth	er (Specify)	
Certificate of Designation	or No. 21568	34512 Sign	nature/Date of		chemina Our	8may 2	מכנ	3	

FAA Form 337 (10/06)

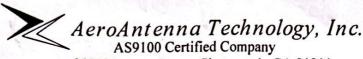
#### NOTICE

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

	Nationality and Registration Mark	Date
stalled Garmin GDL-82 w/GPS system in accordar 0-01810-00. Installed GA-35 Antenna in accordan N: 190-00848-00. Tested system using provided so	ice with GA 35 Antenna Instal	lation Instruction
OL-82 unit: P/N: 010-01560-31, S/N: 4PF005390. A35 Antenna: 013-00235-00, S/N: 173405.		

FAA Form 337 (10/06)

					3. Form Tracking Number:
	ving Civil Aviation thority/Country:	2.			166037038-1
	A/United States	AUTHORIZED REI			, , , , , , , , , , , , , , , , , , , ,
1 Organi	zation Name and Address	FAA Form 8130-3, AIRW	1		5. Work Order/Contract/Invoice
4. Organi	Zation Name and Address	SE GARMIN International 1200 E. 151st St Certificate Number PT374		66062	Number: 166037038
6. Item:	n: 7. Description: 8. Part Number: 9. Quantity: 10. Serial Number:				11. Status/Work:
1 GDL82,GPS,Standard Kit 010-01560-31 Includes 011-03946-40			1	4PF005390	New
13a. Cert	54c ifies the items identified a	bove were manufactured in conformity to: ad are in a condition for safe operation. ta specified in Block 12.	Certifie and des Federal	cribed in Block 12 was accomplishe	Other regulation specified in Block 12  Block 12, the work identified in Block 11 d in accordance with Title 14, Code of to that work, the items are approved for
A CONTRACTOR OF THE PERSON OF	orized Signature: F. Iww	13c. Approval/Authorization No.: ODA-240087-CE	: 14b. Author	ized Signature:	14c. Approval/Certificate No.:
13d. Nam	e (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (	Typed or Printed):	14e. Date (dd/mmm/yyyy):
Alice F. I		26/Aug/2019			
7 4.100 11.1			r Responsibili	ties	
It is impor	tant to understand that th	ne existence of this document alone does not automaticall	ly constitute author	ority to install the aircraft engine/pr	opeller/article.
Where the	user/installer performs w is essential that the user/i	ork in accordance with the national regulations of an air nstaller ensures that his/her airworthiness authority acco	rworthiness autho	rity different than the airworthines	s authority of the country specified in
		o not constitute installation certification. In all cases, aircaller before the aircraft may be flown.	craft maintenance	e records must contain an installation	on certification issued in accordance with the
FAA Form	8130-3 (02-14)			8699	NSN: 0052-00-012-9005



20732 Lassen Street, Chatsworth, CA 91311 Phone: (818) 993-3842 Fax: (818) 993-4525

#### CERTIFICATION OF CONFORMANCE

AAT Part Number: AT575-93GW-TNCF-000-RG-27-NM

Customer PO Number: 287153

Customer Part Number: 013-00235-00 GA35

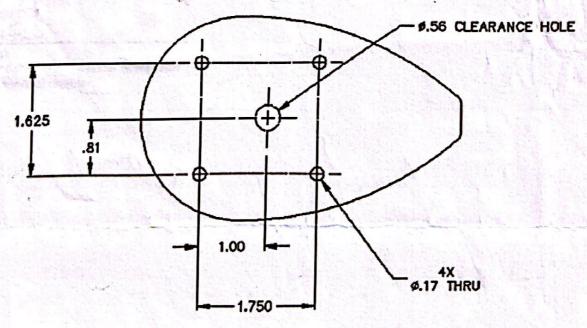
Serial Number: 173405

AeroAntenna Technology, Inc. certifies that the above mentioned antenna was manufactured in accordance with specifications and standard quality assurance practices and procedures, and meets all requirements as stated in the above purchase order as well as shipment and delivery instructions.

Quality Assurance: Benjamin Rubeni Date: 8/6/2019

#### **CERTIFICATION OF CONFORM**

NOT TO SCALE. Use an accurate measuring instrument for installation. A calibrated torque wrench must be used during installation. Torque value for mounting screws is 13-15 in lbs. The 4 supplied mounting screws must be used and no substitutes are allowed. Do not deviate from these installation methods or use alternate screws as damage to the antenna may result.





Garmin International, Inc. 1200 East 151st Street Olathe, Kansas 66062 P: 913-397-8200 F: 913-397-8282

December 15, 2017

Subject: Permission to Use STC SA02573SE for Installation of Garmin GDL 82 UAT (ADS-B Out) Transmitter

Pursuant to 49 U.S.C. 44704, 14 CFR § 21.120, 14 CFR § 91.403(d), FAA Order 8110.48 and FAA Advisory Circular 21-40; Garmin International, Inc. hereby grants permission to Garmin dealers, installers and owners of Garmin Model GDL 82 UAT ADS-B Out Transmitters to use FAA Supplemental Type Certificate (STC) SA02573SE and deliverable data associated with it, for the sole and express purpose of installation and approval of the installation of a Garmin GDL 82 UAT ADS-B Out Transmitter into the above referenced aircraft. Installer must either: verify airframe eligibility per STC SA02573SE, or reference FAA Policy Memorandum, *Installation Approval for ADS-B OUT Systems*, dated March 2, 2016. For specific installation and approval procedures in aircraft not covered under this STC, see *AFS-300 Major Repair and Alteration Data Approval, Online Job Aid,* September 2017, with Technical Paper AFS-360-2017-1, *Installation of ADS-B Out Equipment*. Following the aircraft modification, a copy of this permission letter should be placed in the aircraft's permanent records.

Cik Fruit

Erik Frisk

Aircraft Certification Engineering Manager

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Garmin International, Inc.

Confidential Proprietary Information – Garmin Ltd. or its subsidiaries.

U.Bu



DATE

5/15/2020

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MAKE Cirrus

MODEL SR22

SERIAL

1419 REGISTRATION

N828AB

**DATUM LINE IS:** 

Per AMM

MAIN WEIGHT POINT IS STATIO

**NOSE WEIGHT STATION** 

#### WEIGHT AND BALANCE DATA AS Calculated

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		EMPTY WEIGHT	CG/ARM	MOMENT		
	TOTAL	2,342.92	139.27	326,287.00		

ITEM	WEIGHT	CG/ARM	MOMENT
GDL-82 w/GPS	4.00	331.00	1,324.00
			0.00
			0.00
			0.00
			0.00
			0.00

	EMPTY WEIGHT	CG/ARM	MOMENT
<b>NEW TOTALS</b>	2,346.92	139.59	327,611.00

**EMPTY WEIGHT** 

**EMPTY WEIGHT CG** 

I certify that I have witnessed the actual weighing and/ or computed the new center of gravity and the new empty weight.

Inspectors Signature

#### U.S. Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only
Office Identification

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

for each suc	th violation (Section	901 Federal Aviatio	n Act of 1958).	and to to por	ALC: CLK	THE	What was	
	Make .	A Company of the second		Model	Tagistic			Esta es
MICHAE	AND DESCRIPTION OF THE PARTY OF	us Design C	orp		SR22	ma im	Series -	
1. Aircraft	Serial No.			Nationality	and Registratio	n Mark	Ten Live Live	
DAW W. DOS	AN TO SEE	1419	de la constantina	USA			1828AB	
	Name (As shown	on registration certif	icate)	STATE STATE OF THE	s shown on regi	Street and an	rtificate)	
2. Owner	3 Wire A	ir Services	LLC		W. 115th		0234-46	66
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			3. For FAA Use C	Only William	E Dariella Com	(1) + (2) + (4)	A 416	
dimin susq (99 01) (98 02)	(079), (089) (079), (189) (07), (189)	APPROVED ON	OHATED HEREIN COMMONITY FOR THE ABOVE OF THE	E DESCRIBE	Y. W. Taide	997, ch 80, 8000	siggila Wilhem	
		THAT DENT SOO Y	4. Unit Identifica	tion	(HED)	1.000	5. Type	
Unit	Ma	ke	Model		Serial No		Repair	Alteration
AIRFRAME		(As	described in Item 1 abo	ove)	Charph (O	£ (130)	COOLEAN	·X
POWERPLANT			the second se	mil 18 PV	The Authorite		) (C. ) (O. ) (S. )	
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	ame and Address	1			64 NO - 13 A	C. Certif		4.0
	m Avionics					4 4 5 THE R. P. LEWIS CO., LANSING	DBR221	the state of the s
	Airport Wa	Ÿ			- Lateral	Radio	Class	I, II,
Broomf	ield, CO	E Italia				III a	nd Inst	rument
have been	nat the repair and/or n made in accordan herein is true and o	C			lescribed on t tion Regulati	he reverse	or attachmer	
Date		The state of the s	-	and the same	al	That	llation	1
	ombow 12	2100	and the second	Freedy -				
Dec	ember 13,		1.00	um		Inspe	CLOI	
No.			. Approval for Return	To Service				
Pursuant to Administrato	the authority given or of the Federal Avi	persons specified ation Administration	below, the unit identificand is XD APPROV		vas inspected in ECTED	n the man	ner prescrib	ed by the
Insp	Fit. Standards ector	Manufacturer	Inspection Author	ization	Other (Specify)			
FAA	Designee X	Repair Station	Person Approved Canada Airworthin					
Date of Approv		Certificate or. Designation No. FDBR221K	Signature of Auth	Morized Individ	lual		Account of the contract of the	

63
US Department
of Transportation Federal Aviation
Administration

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

Form Approved	Electronic	Tracking	Numbe
OMB No. 2120-0020	1		

For FAA Use Only

Administrati	tion on		one plant,			i, or App	marioc)			
Instruction	ns and dispos	t or type all entr sition of this form .C. §46301(a))	ies. See Title 1 . This report is r	4 CFF require	R §4: ed by	3.9, Part 43 law (49 U.	Appendix B, S.C. §44701).	and AC 4 Failure to	13.9-1 (or sub report can res	sequent revision thereof) for sult in a civil penalty for each
	Nationalit N828AB	y and Registration	n Mark				Serial No. 1419	TEX.		
1. Aircraft	Make Cirrus D	Design		11 30			Model SR22			Series
	Name (As	s shown on regis	tration certificate	)		TELEVIE C	Address (As	shown or	n registration (	certificate)
2. Owner	3 Wire A	Air Services LLO	3				Address 2800	6 W 115t omfield	th Circle	State CO
							Zip 8002	1000	Count	us USA
					3. Fc	or FAA Use	Only			
4. T	ype				5. Ur	nit Identific	ation			and the second
Repair	Alteration	· Unit		Mak	ke			Model		Serial No.
	Z	AIRFRAME	-			=	(As describ	ed in Iten	n 1 above)	
Π.		POWERPLANT								
		PROPELLER						4		
0		APPLIANCE	Type Manufacturer							
				6.	Con	formity Sta	tement			
	Name and A	ddress		4-4		ind of Agend		200		
	Watkins 15 Airport W	lov.		-	V		ated Mechanic ficated Mechanic		C. Certific	ufacturer
	mfield	vay	State CO			Company of the Company of	Repair Station			
Zip 8002	21co	untry USA		_		Certificated I	Maintenance Orga	anization	A&P34	02297
have	been made in	pair and/or alterate accordance with true and correct t	the requirement	ts of P	Part 4	3 of the U.S				erse or attachments hereto t the information
Extended ra per 14 CFR App. B		Signa	ature/Pate of Ay	thoriz	-	dividual	3 :	03	/19/3	2010
Pursuant Administra	to the authoritor of the Fed	ority given perso	ns specified b	elow.		unit identif	to Service ied in item 5 Approved		pected in the	manner prescribed by the
F	AA Fit. Stand	lards	ufacturer		Mair	ntenance O		P	ersons Approve	
BY	AA Designee	Rep	air Station	×	Insp	ection Auth	orization	Other (	(Specify)	
Certificate or Designation A&P34022	No.	Signa	ature/Date of Au	17		dividual leis 5	0	3/19	/2010	9

FAA Form 337 (10-06)

		N828AB			
8. Description of Work Accomplished			nd Registration Mark	Date	
03/19/2010	N828AB		S/N1419		
Installed Concorde Battery in accorde ICA instructions are provided with	ordance with STC n this STC. Weigh	SA01304WI ar t and balance is - END	nd the approved app negligable. —	licability list provid	ed.
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				14-184	
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4. Organization Name and Address:  6. Item: 7. Description: 8. Part  1 TAS TRC497 805  13. Remarks: RETURN TO SERVICE  Unit complies with pertinent Airworthiness Directives and S  Unit was inspected, tested, and meets all specification requivers completed on Aug 19 2009 by M  For work details see Service Work Report # 73635  14. Certifies that the items identified above were manufacted approved design data and are in a condition for Non-approved design data specified in Block 13	ervice Bulletins.	ate No. NÑ2R03 an 49512-9704  9. Eligibility:* N/A	10. Quantity:  1 Rev. Proate. Sept		5. Work Order/Contract/Invoice No.  736375  12. Status/ Work:  REPAIRED
13. Remarks: RETURN TO SERVICE  Unit complies with pertinent Airworthiness Directives and S  Unit was inspected, tested, and meets all specification requ  Work completed on Aug 19 2009 by M  For work details see Service Work Report # 7363-  14. Certifies that the items identified above were manufact  Approved design data and are in a condition for	ervice Bulletins.	N/A	Rev. P	82641 26 2008	REPAIRED
13. Remarks: RETURN TO SERVICE Unit complies with pertinent Airworthiness Directives and S Unit was inspected, tested, and meets all specification requ Work completed on Aug 19 2009 by M- For work details see Service Work Report # 73637  14. Certifies that the items identified above were manufact  Approved design data and are in a condition for	ervice Bulletins.			26 2008	
Unit complies with pertinent Airworthiness Directives and S Unit was inspected, tested, and meets all specification requ Work completed on Aug 19 2009 by M- For work details see Service Work Report # 73637  14. Certifies that the items identified above were manufact  Approved design data and are in a condition for	irements of Spec. No. 012	-108 <i>0</i> 0 - <i>0</i> 0 <b>1</b> Rev			
☐ Approved design data and are in a condition for			accor compo EASA	ridance with EASA-145 and with onent is considered ready for A Certificate Number EASA.145.4  4 CFR 43.9 Return to Service	release to service under
	safe operation.		Certifie describ	es that unless otherwise specified bed in Block 13 was accomplishe ations, part 43 and in respect to the	in Block 13, the work identified in Block 12 and d in accordance with Title 14, Code of Federal nat work, the items are approved for return to
15. Authorized Signature:	16. Approval/Auth	orization No.:		rized Signature:	21. Approval/Certificate No.: NN2R037L
17. Name (Typed or printed):	18. Date (m/d/y):		22. Name	(Typed or Printed):	23. Date (m/d/y): HT AUG 19, 2009
It is important to understand that the existence of this doc Where the user/installer performs work in accordance wit essential that the user/installer ensures that his/her airwor		•	ute authority to i	install the part/component/assem erent than the airworthiness auth	bly. sority of the country specified in Block 1, it is

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

FAA Form 8130-3 (6-01)

NSN: 0052-00-012-9005

	oroving National Aviation Authority/Country: A/UNITED STATES		RIZED RELEA				Ref. No. 1543836
. Organ	ization: GARMIN Internal	ional 1200 E 151st O	lathe, KS 66062	3	4 10	5. Work Order Con RMA 4	tract/Invoice Number:
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	, advar	12. Status/Work:
1.	GNS430W,Blk,Upgd	011-01060-40	N/A	1	97126655		MODIFIED
If you i	have any questions, comments, or need a	ny technical assistance on the GNS	Video from Garmin website. www.garmin.co 8 series units, please contact Garmin product	support specialist at 1-80	00-800-1020 or e-mail us through Ga	rmin website, www.garmin.com.	
	ifies the items identified above Approved design data and are i Non-approved design data spec	n condition for safe operati		Certifies the	43.9 Return to Service at unless otherwise specified ed in Block 13 was accomp gulations, part 43 and in resp rvice.	lished in accordance with	entified in Block 12 h Title 14, code of
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/ 1 15. Auth	Approved design data and are in Non-approved design data spectorized Signature	n condition for safe operati	16. Approval/Authorization No.:  N / A  18. Date (m/d/y)  N / A	Certifies the and describ Federal Regreturn to se 20. Authorized Sig 22. Name (Typed o	at unless otherwise specified ed in Block 13 was accomp gulations, part 43 and in resprete.  gnature:  r Printed)  Tim Knutson	in block 13, the work id	entified in Block 12 h Title 14, code of ns are approved for  21. Approval/Certificate No.: G6XR582Y  23. Date (m/d/y)
15. Auth	Approved design data and are in Non-approved design data spectorized Signature  N / A  The (Typed or Printed N / A	n condition for safe operati ified in block 13	16. Approval/Authorization No.:  N / A  18. Date (m/d/y)  N / A  User/Installe	Certifies the and describ Federal Reg return to se 20. Authorized Sig 22. Name (Typed o	at unless otherwise specified ed in Block 13 was accomp gulations, part 43 and in respresse.  gnature:  r Printed)  Tim Knutson	I in block 13, the work id dished in accordance with pect to that work, the iten	entified in Block 12 h Title 14, code of ns are approved for  21. Approval/Certificate No.: G6XR582Y  23. Date (m/d/y)
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Computer Generated, GARMIN International Inc. P/N 002-00007-00 Rev. B

FAA Form 8130-3 (6-01)

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

	FR 43 in accor	FL 32904  10. Quantity:  1  article has	been tested CFR 91.411	umber: 12.	
760-0006-000	N/A O design. This FR 43 in accor	article has dance with 14	2652809 been tested CFR 91.411	and ins	Status/Work: Rebuilt
d meets approved TSC appendix E of 14 CE	O design. This	article has dance with 14	been tested CFR 91.411	and ins	pected and
appendix E of 14 CE	FR 43 in accor	dance with 14	CFR 91.411		
보다 하는 그 사람들은 사람들이 있었다면 하는 사람들이 가르는 것이 없는 것이 되었다면 하는 것이 없는 사람들이 되었다면 하는데 하는데 없다면 없다.	and the same of th	Certifies that unless other and described in Block 13 Federal Regulations, part	rwise specified in Block 3 was accomplished in a	13, the work i	th Title 14, Code of
16. Approval/Au	ithorization No.: 20. A	-0	DE 6	21. App	proval/Certificate No.: PT 3844 CE
18. Date (m/d/y)	22. N	ame (Typed or Printed):	2002		te (m/d/y): e=/7/07
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c in accordance with the national regulabler ensures that his/her airworthines	ulations of an airworthine ss authority accepts parts	ss authority different tha components/assemblies t	in the airworthiness aut from the airworthiness	thority of the c authority of the	he country specified in
e	existence of this document alone does on the contract of the c	User/Installer Respot  Existence of this document alone does not automatically constitute installation certification. In all cases, aircraft maintee constitute installation certification. In all cases, aircraft maintee	and described in Block 13.  specified in Block 13.  16. Approval/Authorization No.:  18. Date (m/d/5)  User/Installer Responsibilities  existence of this document alone does not automatically constitute authority to install the taller ensures that his/her airworthiness authority accepts parts/components/assemblies constitute installation certification. In all cases, aircraft maintenance records must continue and described in Block 13.  Federal Regulations, par return to service.  20. Authorized Signature:  22. Name (Typed or Printed):  22. Name (Typed or Printed):  23. Authorized Signature:  24. Name (Typed or Printed):  25. Name (Typed or Printed):  26. Authorized Signature:  27. 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	proving National Aviation Authority/Country:  A/UNITED STATES		RIZED RELE			3. System Tracking RMA 4	
4. Organ	ization: GARMIN Internat	ional 1200 E 151st O	lathe, KS 66062	1		5. Work Order Contr	ract/Invoice Number:
						RMA 4	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:		12. Status/Work:
1.	GNS430W,Blk,Upgd	011-01060-40	N/A	1	97123439		MODIFIED
_ A	fies the items identified above pproved design data and are in on-approved design data speci	condition for safe operation		Certifies that and described Federal Reg	t unless otherwise specified in b d in Block 13 was accomplished ulations, part 43 and in respect to	d in accordance with	ntified in Block 12 Title 14, code of
5 Auth	orized Signature	A A	16. Approval/Authorization No.:	return to ser		$\sim$	21. Approval/Certificate
	N / A		N / A		Wallan	1/1 -	G6XR582Y
7. Name	(Typed or Printed		18. Date (m/d/y)	22. Name (Typed o	r Printed)		23. Date (m/d/y)
	N/A		N / A	22.	Wathana Syhavong		11/30/2007
	to May loan to			r Responsibilities	3		
	to May lighter than		User/Installe	-		embly.	
Where t block 1, block 1.	he user/installer performs work it is essential that the user/inst	t in accordance with the n aller ensures that his/her a	ational regulations of an airwor airworthiness authority accepts fication. In all cases, aircraft m	parts/components/as	semblies from the Airworthines	s Authority of the co	untry specified in

Michelin Aircraft Tire Company, LLC 515 Michelin road Greenville, SC 29605 (TSOA PT 1283 CE)  Michelin Siam Co., Ltd 57 Moo 6 Nongplakmade Rd.		ring National Aviation 2. uthority/Country:	AUTHORIZE FAA Form 813	ED RELE	EAS	E CERTI	FICATE	3. Form Tracking Number 7206/16
1 15x6.0-6/120 072-449-0 N/A 1 7145W00376 NEW  13. Remarks.:  DIRECT SHIPMENT AUTHORIZTION  14. Certifies the items identified above were manufactured in conformity to:  Approved design data are in a condition for safe operation.  Non-approved design data specified in Block 13.  Authorized Signature:  DMIR 511237CE  15. Authorized Signature:  DMIR 511237CE  16. Approval/Authorization No.:  DMIR 511237CE  17. Name (Typed or Printed):  M. Jittakorn Sukto  DMIR 511237CE  18. Date (m/d/y):  21. Name (Typed or Printed):  NA  NA  NA  NA  NA  NA  NA  NA  NA  N		Michelin Aircraft Tire Company, LLC 515 Michelin road	57 Moo 6 N	longplakradee Rd.	buri 181	40 (TSOA PT 1283	GCE-DX)	5. Work Order/Contract/ Invoice Nubmer: DIDS7206N1
13. Remarks.:  DIRECT SHIPMENT AUTHORIZTION  14. Certifies the items identified above were manufactured in conformity to:  Approved design data are in a condition for safe operation.  Non-approved design data specified in Block 13.  Authorized Signature:  15. Authorized Signature:  16. Approval/Authorization No.:  DMIR 511237CE  17. Name (Typed or Printed):  M. Jittakorn Sukto  18. Date (m/d/y):  21. Jun-07  18. Date (m/d/y):  NA  19. □ 14 CFR 43.9 Return to Service □ Other regulation specified in Block 13 He work identified in Block 13 the work identified in Block 13 was accomplished in accordance with Title 14, Code of Regulations, part 43 and in respect to that work, the items are approved for a service.  21. Approval/Certificate No. NA	6. Item:	7. Description:	8. Part Number:	9. Eligibility:	: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
DIRECT SHIPMENT AUTHORIZTION  14. Certifies the items identified above were manufactured in conformity to:  □ Approved design data are in a condition for safe operation.  □ Non-approved design data specified in Block 13.  □ Non-approved design data are in a condition for safe operation.  □ Certifies that unless otherwise specified in Block 13, the work identified in Block 13 was accomplished in accordance with Title 14. Code of Regulations, part 43 and in respect to that work, the items are approved for 1 service.  □ Other regulation specified in Block 13.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are in a condition for safe operation.  □ Non-approved design data are	1	15x6.0-6/120	072-449-0	1	N/A	1	7145W00376	NEW
DMIR 511237CE  17. Name (Typed or Printed):  M.Jittakorn Sukto  18. Date (m/d/y):  21. Name (Typed or Printed):  NA  NA  NA  NA  NA  NA  NA  NA  NA  N		ies the items identified above were manu	factured in conformity to:					
M.Jittakorn Sukto 21-Jun-07 NA NA	⊠ Appr □ Non-	ies the items identified above were manu- oved design data are in a condition for sa approved design data specified in Block	factured in conformity to: fe operation. 13.		Certific describ Regula service	es that unless of the ped in Block 13 perions, part 43 are.	erwise specified in Block 13, the was accomplished in accordant and in respect to that work, the	the work identified in Block 12- ce with Title 14, Code of Fed items are approved for retur
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User/Installer Responsibilities	□ Appr     □ Non-  15. Author	ies the items identified above were manu- oved design data are in a condition for sa approved design data specified in Block orized Signature:	factured in conformity to:  fe operation.  16. Approval/Autho  DMIR 4  18. Date (m/d/y):	orization No.: 511237CE	Certific describ Regula service 20. A	es that unless of the bed in Prock 13 actions, part 43 are	erwise specified in Block 13, the was accomplished in accordant and in respect to that work, the are:  2 NA  rinted): 2	the work identified in Block 12 ce with Title 14, Code of Feditions are approved for returns.  11. Approval/Certificate Number 14.  12. Approval/Certificate Number 15.  13. Date (m/d/y):

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

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

FAA Form 8130-3 (6-01)

NSN: 0052-00-012-9

Page 1 of 3

#### AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company Make/Model Tail#

Serial #

Steel Aviation Cirrus -- SR22 N828AB 1419

Biweekly Number TACH

2023-08 2947.0

A/C Cert. Date

APRIL 29TH, 2005

**Total Time** 

2947.0

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
01-25-03 12/17/2001	DETECT AND REPLACE UNDERSTRENGTH RIVETS IN THE ELEVATOR AND RUDDER/	N/A by S/N					A/P 3304319 IA
02-05-05 03/19/2002 SS by 2002-24-08	LIMIT THE CHANCE OF FAILURE OF THE CAPS ACTIVATION SYSTEM/	SUPERSEDED BY AD 2002-24-08	x				A/P 3304319 IA
02-21-02 11/08/2002	PREVENT LOSS OF THE SELF-LOCKING RETAINING NUT ON THE ROLL AND YAW TRIM CARTRIDGES/	N/A by S/N					A/P 3304319 IA
02-24-08 01/24/2003	PREVENT FAILURE OF THE CAPS ACTIVATION SYSTEM IN AN EMERGENCY SITUATION/	N/A by S/N	e C				A/P 3304319 IA
05-17-19 10/13/2005 SS by 2006-19-10	PREVENT THE CREW SEATS FROM FOLDING FORWARD DURING EMERGENCY LANDING/	SUPERSEDED BY AD 2006-19-10	x	9	137		A/P 3304319 IA

Prepared by 19 Mr. Date 4-14-23

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Page 2 of 3

airframe

AIRCRAFT RECORDS - DO NOT DESTROY

Company Make/Model Tail #

Serial #

Steel Aviation Cirrus - SR22 N828AB 1419

**Biweekly Number TACH** 

2023-08 2947.0

A/C Cert. Date **Total Time** 

**APRIL 29TH, 2005** 2947.0

Date & Hours SS R Next Comp @ Auth Sig & **Method of Compliance** Subject AD# @ Comp Hrs/Date **Cert No** Effective SEE LOG ENTRY 06-07-06 P/C/W SEE AIRFRAME LOG ENTRY 5/17/2006@ TO DETECT, CORRECT, 278.0 05/11/2006 AND PREVENT DATED 5/17/2006 DAMAGE TO THE FUEL LINE AND WIRE/ SEE LOG ENTRY 06-19-10 P/C/W PER SB2X-25-17R1 SEE 2/6/2006@ TO PREVENT THE 10/24/2006 **CREW SEATS FROM** AIRFRAME LOG ENTRY DATED 2/6/2006 229.3 **FOLDING FORWARD DURING EMERGENCY** LANDING/ SEE LOG ENTRY 06-21-03 **PREVENT** P/C/W PER SB2X-34-14 SEE AIRFRAME 3/10/2006@ 11/17/2006 **OVERHEATING** LOG ENTRY DATED 3/10/2006 238.4 DAMAGE TO THE BRAKE CALIPER PISTON O-RING SEALS/ 07-14-03 SEE LOG ENTRY TO CORRECT PICK-UP P/C/W PER SBA2X-95-10R1 SEE 4/23/2007 @ 08/16/2007 COLLAR SUPPORT AIRFRAME LOG ENTRY DATED 482.3 TACH **FASTENERS OF THE** 4/23/2007 CAPS/ A/P 3304319 IA 07-24-13 TO PREVENT N/A by S/N 12/04/2007 MOISTURE FROM **ACCUMULATING ALONG** THE WING SHEAR WEB

IN CERTAIN CONDITIONS/

WHERE IT MAY FREEZE

Prepared by 18 (10-23

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Page 3 of 3

### AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company Make/Model Tail #

Serial #

Steel Aviation Cirrus – SR22 N828AB 1419 Biweekly Number TACH 2023-08 2947.0

A/C Cert. Date

APRIL 29TH, 2005

**Total Time** 

2947.0

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
08-03-16 03/11/2008	TO PREVENT THE POSSIBILITY OF JAMMING OF THE RUDDER-AILERON INTERCONNECT SYSTEM/	P/C/W PER SB2X-27-14R3 SEE AIRFRAME LOG ENTRY DATED 5/27/2008			5/27/2008 TACH: 732.6		SEE LOG ENTRY
08-14-13 08/14/2008	TO PREVENT IN-FLIGHT FAILURE OF THE CABIN DOOR/	P/C/W PER SB2X-52-07R4 SEE AIRFRAME LOG ENTRY DATED 10/17/2008			10/17/2008 @ 927.2		SEE LOG ENTRY
09-26-01 12/21/2009	TO DETECT AND CORRECT ANTI-ICE FLUID DISTRIBUTION LINES WITH IMPROPERLY INSTALLED COMPRESSION FITTINGS/	N/A by S/N					A/P 3304319 IA

Prepared by Aller Date 4-14-23

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

SINGLE

Location

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engine AIRCRAFT RECORDS - DO NOT DESTROY 2023-08 Steel Aviation **Biweekly Number** Company 791.0 **TSMOH** Continental - IO-550-N Make/Model Tail# N828AB 2947.0 917661 **Total Time** Serial #

**Total Cycles** 

Date & Hours SS Next Comp @ Auth Sig & AD# Subject **Method of Compliance** R @ Comp Cert No Hrs/Date Effective A/P 3304319 IA 88-03-06 OIL FILTER/ N/A BY P/N INSTALLED 02/05/1988 CHAMPION OIL FILTER/ N/A BY P/N INSTALLED A/P 3304319 IA 91-19-03 09/29/1991 A/P 3304319 IA 93-08-17 INCORRECT OIL N/A BY MODEL AND S/N OF ENGINE 08/23/1993 PICK-UP TUBE/ INSTALLED NOT LISTED IN SERVICE BULLETIN A/P 3304319 IA 93-10-02 CYLINDER VALVE N/A BY DATE OF MANUFACTURE AND 05/17/1993 RETAINER/ OVERHAUL (2/9/2016) A/P 3304319 IA PL99-09-17 CRANKSHAFT FAILURE/ X SUPERSEDED BY AD 99-19-01 SS by 99-19-01 A/P 3304319 IA CRANKSHAFT FAILURE/ 99-19-01 N/A BY DATE OF MANUFACTURE AND 09/30/1999 OVERHAUL (2/9/2016) A/P 3304319 IA PL2000-08-51 SUPERSEDED BY AD 2000-23-21 X X CRANKSHAFT SS by 2000-23-21 CONNECTING ROD JOURNAL FRACTURE/ 00-23-21 FRACTURE OF THE N/A BY CRANKSHAFT S/N SEE ENGINE A/P 3304319 IA 12/12/2000 CRANKSHAFT ENTRY DATED 5/28/2021 CONNECTING ROD JOURNAL/

Prepared by 18/12 Date 4-14-33

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

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engine

AIRCRAFT RECORDS - DO NOT DESTROY

Company Make/Model

Tail#

Steel Aviation

Serial # Location

N828AB

Continental - IO-550-N

917661 SINGLE Biweekly Number TSMOH

2023-08 791.0

**Total Time** 

2947.0

**Total Cycles** 

AD# Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
04-08-10 05/05/2004	PREVENT LOSS OF ENGINE POWER/	N/A BY CYLINDERS INSTALLED					A/P 3304319 IA
07-16-10 08/23/2007	TO PREVENT THE TURBINE ROTOR FROM SEPARATING FROM THE SHAFT OF THE TURBOCHARGER DUE TO A MACHINING DEFECT IN THE TURBOCHARGER COMPRESSOR/	N/A NO TURBOS INSTALLED					A/P 3304319 IA
09-16-03 09/09/2009 SS by 2014-05-29	TO PREVENT THE SEPARATION OF THE CYLINDER HEAD/	SUPERSEDED BY AD 2014-05-29	x	x			A/P 3304319 IA
09-24-52 SS by 2010-11-04	TO ADDRESS RAPID WEAR ON THE FACE OF HYDRAULIC LIFTERS/	SUPERSEDED BY AD 2010-11-04	х	x			A/P 3304319 IA
10-11-04 06/16/2010	TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR/	N/A BY LIFTERS REPLACED AT OVERHAUL SEE OVERHAUL AD LIST (2/9/2016)		x		3.50	A/P 3304319 IA

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

All Worthing	Workinicoo Birookko Compilatioo Record		1 agc 3 01 4
AIRCRAFT RECO	RDS - DO NOT DESTROY		engine
Company Make/Model	Steel Aviation Continental – IO-550-N	Biweekly Number TSMOH	2023-08 791.0
Tail #	N828AB		Laure Paris Che
Serial #	917661	Total Time	2947.0
Location	SINGLE	Total Cycles	

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
11-25-51 12/28/2011 SS by 2012-10-13	TO ADDRESS FRACTURES IN STARTER ADAPTER SHAFT GEARS/	SUPERSEDED BY AD 2012-10-13	x				A/P 3304319 IA
12-03-06 02/24/2012	TO PREVENT AN IN-FLIGHT SHUTDOWN DUE TO A FAILED FUEL SERVO DIAPHRAGM/	N/A AFFECTED EQUIPMENT NOT INSTALLED		x			A/P 3304319 IA
12-10-13 6/8/2012	TO PREVENT STARTER ADAPTER GEAR SHAFT FAILURE/	N/A BY PART NUMBER INSTALLED AND DATE OF OVERHAUL SEE ENGINE ENTRY DATED 2/9/2016		x			A/P 3304319 IA
14-05-29 04/25/2014	SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/	N/A BY CYLINDERS INSTALLED SEE OVERHAUL DATED 2/9/2016		x			A/P 3304319 IA
16-16-12 09/15/2016	ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/	N/A AFFECTED EQUIPMENT NOT INSTALLED					A/P 3304319 IA
20-16-11 09/21/2020	CROSS-FLOW CYLINDER ASSEMBLIES INTEGRITY/	C/W THIS ANNUAL IAW CONTINENTAL MSB18-08 REV.C			4/14/2023 @ 2947.0	ALC:	A/P 3304319 IA

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by 4/8/1/2 Date 4-14-23

Page 4 of 4 engine

AIRCRAFT RECORDS - DO NOT DESTROY									
Company	Steel Aviation Continental — IO-550-N	Biweekly Number	2023-08						
Make/Model		тѕмон	791.0						
Tail #	N828AB		-						
Serial #	917661	Total Time	2947.0						
Location	SINGLE	Total Cycles							

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
23-02-12 02/17/2023	INTAKE VALVE FAILURES/	N/A BY DATE OF OVERHAUL AND BY MANUFACTURER OF CYLINDERS INSTALLED		The state of the state of			A/P 3304319 IA
23-04-08 02/23/2023 SS by 2023-05-16	CRANKSHAFT ASSEMBLY COUNTERWEIGHT RETAINING RINGS IN THE COUNTERWEIGHT GROOVE/	N/A by ENGINE S/N	x				A/P 3304319 IA
23-05-16 03/15/2023	IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/	N/A by ENGINE S/N					A/P 3304319 IA

Prepared by 18 1/2 Date 4.-1473

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

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AIRCRAFT RECORDS - DO NOT DESTROY

propeller

Company Make/Model

Steel Aviation

Hartzell - PHC-J3YF-1RF

Biweekly Number TSMOH

2023-08

Tail# Serial #

Blade

N828AB

Location

06/13/2002

SS by 2007-26-09

FP9747B FRONT F7693DFB

**Total Time Total Cycles**  176.6

Date & Hours AD# Subject **Method of Compliance** SS R Next Comp @ Auth Sig & @ Comp Effective Hrs/Date Cert No PROP BLADE/ A/P 3304319 IA SUPERSEDED BY AD 2002-09-08 77-12-06 R2 X X 11/10/1977 SS by 2002-09-08 SUPERSEDED BY AD 93-16-14 A/P 3304319 IA PROPELLER HUB X X SS by 93-16-14 FAILURE/ A/P 3304319 IA PROP HUB CRACKS/ SUPERSEDED BY 94-17-13 X X 93-16-14 08/18/1993 SS by 94-17-13 PROP HUB FAILURE/ X A/P 3304319 IA 94-17-13 N/A by S/N 09/15/1994 A/P 3304319 IA 01-07-03 N/A LOGS SHOW PROP NOT **CORRECTION -**PREVENT PROPELLER 06/04/2001 RETURNED TO SERVICE BY BASCO FAILURE OF THE **PROPELLERS** RETURNED TO SERVICE BY BASCO/ A/P 3304319 IA SUPERSEDED BY AD 2007-26-09 X 02-09-08 PREVENT FAILURE OF

CRACKS/

THE PROPELLER

**BLADE FROM FATIGUE** 

Prepared by JAB Man Date 4-14-23

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Airworthines	s Directive Compliance Record			Page 2 of 2
AIRCRAFT RECOF	RDS - DO NOT DESTROY	and the second second	100	propeller
Company Make/Model	Steel Aviation Hartzell PHC-J3YF-1RF	Biweekly Number TSMOH	2023-08	
Tail #	N828AB			
Serial #	FP9747B	Total Time	176.6	
Location	FRONT	Total Cycles		
Blade	F7693DFB			

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
05-14-11 08/17/2005	MAINTENANCE BY SOUTHERN CALIFORNIA PROPELLER SERVICE/	N/A LOGS SHOW NO MAINTENANCE BY SOUTHERN CALIFORNIA PROPELLER SERVICE					A/P 3304319 IA
07-26-09 01/30/2008	TO PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS IN THE BLADE SHANK RADIUS/	N/A BY S/N OF BLADES INSTALLED					A/P 3304319 IA
08-13-28 07/17/2008	TO PREVENT FAILURE OF THE PROPELLER HUB/	N/A by Model		x			A/P 3304319 IA

Prepared by Marker Date 4-14-33

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

# Airworthiness Directive Compliance Record AIRCRAFT RECORDS - DO NOT DESTROY

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**Appliances** 

Company

Steel Aviation N828AB

Tail # N828AB Biweekly Number 2023-08

AD# Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
74-26-09 12/24/1974	74-26-09 - BENDIX MAGNETOS/	N/A BY TYPE DESIGNATION AND P/N OF MAGNETOS INSTALLED					A/P 3304319 IA
75-12-07 06/06/1975	75-12-07 - MCCAULEY GOVERNORS/	N/A BY MODEL OF PROP GOV. INSTALLED					A/P 3304319 IA
82-20-01 06/14/1983	82-20-01 - BENDIX MAGNETOS/	N/A BY TYPE DESIGNATION AND S/N OF MAGNETOS INSTALLED					A/P 3304319 IA
93-05-06 04/29/1993	93-05-06 - ACS IGNITION SWITCHES/	P/C/W SEE AIRFRAME LOG ENTRY DATED 10/9/2015		×	10/9/2015 @ 2143.0	4143.0 TACH	SEE LOG ENTRY
94-01-03 R2 06/28/1995	94-01-03 R2 - TELEDYNE/BENDIX MAGNETOS/	N/A BY S/N OF MAGNETOS INSTALLED					A/P 3304319 IA
94-06-09 05/20/1994	94-06-09 - TELEDYNE/BENDIX MAGNETOS/	N/A BY S/N OF MAGNETOS INSTALLED					A/P 3304319 IA
01-23-17 12/28/2001	PREVENT EXTERNAL NOISE TO THE GNS 430 UNIT'S COURSE DEVIATION INDICATOR (CDI)	N/A GARMIN GNS 430'S REMOVED					A/P 3304319 IA

02-26-03

02/18/2003

DETECT AND CORRECT INCORRECT

INSTALLATION OF THE

AIR FILTER/

N/A BY P/N INSTALLED

A/P 3304319 IA

Prepared by July 8 Mar Date 4-14-23

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

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**Appliances** 

Company Tail#

**Biweekly Number** 

Steel Aviation N828AB 2023-08

AIRCRAFT RECORDS - DO NOT DESTROY

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
05-01-19 02/23/2005	PREVENT INTERROGATING AIRCRAFT FROM POSSIBLY RECEIVING INACCURATE REPLIES/	N/A AFFECTED TRANSPONDER NOT INSTALLED					A/P 3304319 IA
05-12-06 07/19/2005	PREVENT FAILURE OF THE MAGNETO IMPULSE COUPLING ASSEMBLY/	N/A BY LETTER "A" STAMPED ON DATA PLATE AND BY ENGINE MODEL MAGNETOS ARE INSTALLED ON		x			A/P 3304319 IA
09-05-05 04/03/2009	TO PREVENT CERTAIN CONDITIONS FROM EXISTING WHEN PFDS DISPLAY INCORRECT/	N/A BY PFD SENT TO AVIDYNE AND UPDATED		x			A/P 3304319 IA
15-10-51 07/01/15	AFM - FINAL APPROACH COURSE LATERAL DEVIATIONS/	N/A BY SOFTWARE INSTALLED					A/P 3304319 IA
17-04-06 04/07/2017	ERRONEOUS DISPLAY DUE TO SLOW DIAPHRAM LEAK/	N/A BY S/N OF STANDBY ALTIMETER INSTALLED					A/P 3304319 IA
17-11-11 07/11/2017	PLACARD, AFM, INCORRECT BROADCASTING/	N/A AFFECTED EQUIPMENT NOT INSTALLED					A/P 3304319 IA

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by JAB flux Date 4-14-33

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AIRCRAFT RECORDS - DO NOT DESTROY

**Appliances** 

Company Tail #

Steel Aviation N828AB

**Biweekly Number** 

2023-08

AD # Effective	Subject	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
17-16-01 10/24/2017	QUALITY STANDARDS NON-COMPLIANCE MALFUNCTIONS/	N/A BY AFFECTED ELT NOT INSTALLED		X			A/P 3304319 IA
19-01-02 02/07/2019	AFM, FLIGHT DISPLAY UNIT REPETITIVE UNCOMMANDED RESET/	N/A NO ASPENS INSTALLED					A/P 3304319 IA
19-13-03 08/27/2019	MOUNTING TRAY RETAINING CAM INSUFFICIENT G-FORCE RETENTION/	N/A AFFECTED TRANSPONDER NOT INSTALLED					A/P 3304319 IA
20-16-08	UNCOMMANDED FLIGHT DISPLAY SYSTEMS RESET/	N/A NO ASPENS INSTALLED					A/P 3304319 IA
20-19-06 11/03/2020	IDLER GEAR BEARING UNAPPROVED VARIANT/	N/A BY S/N OF PROP GOV. AND LOGS SHOW NO REMOVAL OR INSTALLATION BETWEEN DATES LISTED					A/P 3304319 IA

Prepared by \$\frac{\( \) \( \)

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)