


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

FAI	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
	I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6C.						
	TESTED TO <u>18,000</u> FEET ON <u>12/29/14</u>						
	Transponder: Mfg <u>Garmin</u> P/N <u>24653-002</u> Model: <u>GTX-33ES</u> S/N <u>94128482</u>						
	ADC 1: Model <u>GDC74A</u> P/N <u>24651-001</u> S/N <u>20619143</u>						
	ADC 2: Model <u>GDC74A</u> P/N <u>24651-001</u> S/N <u>20619174</u>						
	Altimeter: Mfg <u>MD 302</u> P/N <u>30499-004</u> S/N <u>L17-10668</u>						
	CDC Quality Assurance  on <u>12/29/14</u> Cirrus Design Corporation Duluth, MN USA PC# 338CE						

RADIO & ELECTRONIC CHECKS

TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
6-10-15	SR22 N824KB	Hobbs	174.2 Fte	141.4	
C/w Cirrus SB 2X-42-10 by updating Garmin Perspective software from version 0764.22 to 0764.23. No POH Supplements necessary. All ops chks OK. Details on file, w.o. 19972. Also enabled ESP-low speed with Stall warning.					
			LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>6-10-2015</u> CERTIFICATE NO. <u>LN7B261W</u> SIGNED <i>Andrew W. Knowlton</i>		

LANCASTER AVIONICS, INC. 500-L
LOG ID# 4207 13-April-2016 WO#
N824KB S/N 4168 CIRRUS DE

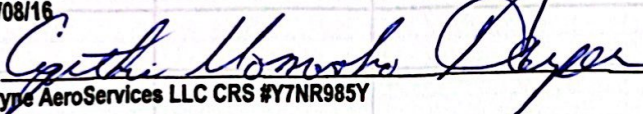
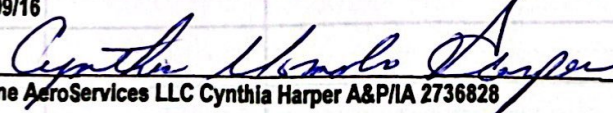
**** ITEM # 20872-1 REPAIR #1 COM DISCREPANCY: #1 GIA63W COM FAILURE ACTION: REMOVED FAULTY #1 GIA63W, 1HQ012309. RELOCATED ORIGINAL #2 G SOFTWARE AND CONFIGURATION SETTING. MATNFMANCE MANUAL 190-00920-00. R


Andrew W. Knowlton
ANDREW W. KNOWLTON

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: SO# 4045943	
Organization Name and Address: GARMIN International 1200 E 151st Omaha, KS 68602			Certificate No. G6XRSEZY		
7. Description: 1. GIA63W	8. Part Number: 011-01105-20	9. Quantity: 1	10. Serial Number: 1HQ012309	11. Status/Work: OVERHAULED	
12. REMARKS: This unit is Newly Overhauled. It has been analyzed, reworked, tested, and conforms to the Newly Overhauled process set forth by Garmin.					
13. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the engagement is under EASA Part-145 Approval Number: EASA.145.2334. This work was performed on this task was done to meet the requirements of the maintenance manual part number 190-00364-00 Rev-A1, Revision Date 5/22/2015. Reference: 010-00364-30 is the Garmin shipping/return form number for the 011-01105-20 unit that was returned.					
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.					
13. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13a. Authorized Signature: N/A	13b. Approval/Authorization No.: N/A	14b. Authorized Signature: <i>Paige E. Burtz</i>		14c. Approval/Certificate No.: G6XRSEZY	
13c. Name (Typed or Printed): N/A	13d. Date (dd/mm/yyyy): N/A	14d. Name (Typed or Printed): Paige E. Burtz		14e. Date (dd/mm/yyyy): 12 Nov 2015	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. From 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 aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
A Form 8130-3 (02-14)		* Installer must cross-check eligibility with applicable technical data.			

Aircraft Registration Number: _____

Aircraft Serial Number _____

Date	Airframe Time in Service	Avionics Time in Service	Description of work performed Signature and Certificate Number of Person Performing Work
<p>AvDyne AeroServices, LLC</p>			<p>DATE: 12/08/16 WORKORDER: 16-12-002 TOTAL TIME: HOBBS TIME: 859.5</p>
<p>MAKE: Cirrus MODEL: SR22 SERIAL NO.: 4168 REGISTRATION NO.: N824KB</p>			
<p>1. Altimeter, static system and altitude reporter has been tested as required by FAR 91.411 for all components tested as per FAR 43 appendix E and AC 43-6B. Tested to 20,000 feet.</p>			
<p>Pilot's Primary altimeter model: Garmin GDC74A PN: 24651-001 SN: 20619143 Co-pilot's Primary altimeter model: Garmin GDC74A PN: 24651-001 SN: 20619174 Secondary Altimeter model: Mid Continent PN: 6420302-6 SN: M14-10651</p>			
<p>//////////////////////////////////////END//////////////////////////////////////</p>			
<p>All components have been found to meet the requirements of FAR 91.411 and in approved for return to service. Pertinent details of inspection are on file at agency under Work Order No.: 16-12-002</p>			
<p>Date: 12/08/16</p>			
<p>Signed:  For AvDyne AeroServices LLC CRS #Y7NR985Y</p>			
<p>AvDyne AeroServices, LLC</p>			<p>DATE: 12/09/16 WORKORDER: 16-12-002 TOTAL TIME: 859.5 TAC TIME: 705.1</p>
<p>MAKE: Cirrus MODEL: SR22 SERIAL NO.: 4168 REGISTRATION NO.: N824KB</p>			
<p>1. Replaced STBY altimeter MD302 with serviceable/calibrated unit PN 30499-0045 SN on M14-10651 (see attached FAA form 8130) SN off L14-10668.</p>			
<p>//////////////////////////////////////END//////////////////////////////////////</p>			
<p>This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 16-12-002</p>			
<p>Date: 12/09/16</p>			
<p>Signed:  For AvDyne AeroServices LLC Cynthia Harper A&P/IA 2736828</p>			

Date	Airframe Time in Service	Avionics Time in Service	Description of work performed Signature and Certificate Number of Person Performing Work
			<p>AvDyne AeroServices, LLC</p> <p>MAKE: Cirrus MODEL: SR22 SERIAL NO.: 4168 REGISTRATION NO.: N824KB</p> <p>1. Performed ATC transponder test required by FAR91.413. Transponder tested per FAR 43 appendix E and F as required.</p> <p>DATE: 12/08/16 WORKORDER: 16-12-002 TOTAL TIME: HOBBS TIME: 859.5</p> <p>Transponder Model: Garmin GTX 33ES Transponder PN: 011-00779-30 Transponder SN: 89128482 Encoder Model: Garmin GDC74A PN: 24651-001 SN: 20619143 and 20619174 ////////////////////////////////////END////////////////////////////////////</p> <p>This transponder identified above has been found to meet the requirements of FAR91.413 and is approved for return to service. Pertinent details of the repair are on file at agency under Work Order No.:16-12-002 Date: 12/08/16</p> <p>Signed: <i>Cynthia Marshall Decker</i> For AvDyne AeroServices LLC CRS #Y7NR985Y</p>
			<div style="text-align: center;">  <p>THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case Road Hgr. 3 Columbus, Ohio 43235-2526 CRS# IKBR028F</p> <p>Date: 04/19/2019 Work Order #: AV01560 N#: N824KB Aircraft Make/Model: Cirrus SR22 Serial: 4168 Flight Time: 1103.7</p> <p>Aircraft Log:</p> <p>1. Updated Perspective Avionics to S/W v0764.37 IAW Cirrus Service Bulletin SB2X-42-17.</p> <p>"Maintenance Release"</p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.</p> <p>Signature: <i>[Signature]</i> -----END----- for CRS# IKBR028F</p> </div>

Aircraft Registration Number: _____

Aircraft Serial Number _____

Date	Airframe Time in Service	Avionics Time in Service	Description of work performed Signature and Certificate Number of Person Performing Work
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THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F



The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Date: 11/20/2019 Work Order #: AV01689 N#: N824KB
Aircraft Make/Model: Cirrus SR22 Serial #: 4168
Flight Time: 1160.8 Hobbs Meter: 1419.6

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Airframe Log:

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

"Maintenance Release"

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

Altimeter P/N	Altimeter S/N	Tested to	Next Due
GDC74A	20619143	25,000 FT	11/2021
Altimeter P/N 6420302	Altimeter S/N M14-10651	Tested to 25,000 FT	Next Due 11/2021
Xponder P/N GTX33-ES	Xponder S/N 89128482	Tested to 25,000 FT	Next Due 11/2021

END

Signature: *A. Palmer* For FAA CRS # IKBR028F

Scale Corrections for: N824KB		Altimeter Serial 20619143	
Test Points	Indicator Error	Test Points	Indicator Error
-1000	-15	14,000	-20
0	-15	16,000	-20
500	-20	18,000	-30
1,000	-20	20,000	-30
1,500	-20	22,000	-30
2,000	-20	25,000	-30
3,000	-20	30,000	XXXX
4,000	-20	35,000	XXXX
6,000	-20	40,000	XXXX
8,000	-20	45,000	XXXX
10,000	-20	50,000	XXXX
12,000	-20		

Date: 11/20/2019 Technician: Alecia Palmer *A. Palmer*



The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Scale Corrections for: N824KB		Altimeter Serial M14-10651	
Test Points	Indicator Error	Test Points	Indicator Error
-1000	+15	14,000	+30
0	+15	16,000	+40
500	+15	18,000	+40
1,000	+15	20,000	+50
1,500	+15	22,000	+50
2,000	-15	25,000	+60
3,000	+15	30,000	XXXX
4,000	+15	35,000	XXXX
6,000	+15	40,000	XXXX
8,000	+20	45,000	XXXX
10,000	+25	50,000	XXXX
12,000	+30		

Date: 11/20/2019 Technician: Alecia Palmer *A. Palmer*

wo: LUK145-23438

Airframe - page 1 of 1



Airtech of Ohio, LLC - 4765 Airport Rd - CINCINNATI, Ohio 45226 - CRS#: 5A8R960B

N824KB
HOBBS: 2228.1

CIRRUS DESIGN CORP, SR22, S/N: 4168
TACH: 1873.3

December 12, 2023

Performed 91.411 & 91.413 IFR certification to 20,000ft in accordance with CFR 43 Appendix E and F. No discrepancies noted at this time.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Airtech of Ohio, LLC, under work order: LUK145-23438.

Craig Harbeson CRS# 5A8R960B *CH*



Avionics Log



Aircraft Registration Number: _____

Aircraft Serial Number _____

wo: WO_386

Avionics - page 1 of 1



Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N824KB
FLIGHT: 1873.3

CIRRUS DESIGN CORP, SR22, S/N: 4168
HOBBS: 2227.9

March 08, 2024

C/W MSB SB2X-42-19 Perspective S/W Update v0764.38.

With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_386.

Danny Potter A/P I/A 3176242

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company: Steel Aviation
 Make/Model: Cirrus – SR22
 Tail #: N824KB
 Serial #: 4168

Biweekly Number: 2024-05
 TACH: 1873.3 TACH
 A/C Cert. Date: January 21st, 2015
 Total Time: 2228.1 HOBBS

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					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				A/P 3304319 IA

indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

W. G. [Signature]

Date

3-11-24

Worthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company	Steel Aviation	Biweekly Number	2024-05
Make/Model	Cirrus – SR22	TACH	1873.3 TACH
Tail #	N824KB	A/C Cert. Date	January 21st, 2015
Serial #	4168	Total Time	2228.1 HOBBS

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
6-07-06 05/11/2006	TO DETECT, CORRECT, AND PREVENT DAMAGE TO THE FUEL LINE AND WIRE/	N/A BY S/N					A/P 3304319 IA
5-19-10 10/24/2006	TO PREVENT THE CREW SEATS FROM FOLDING FORWARD DURING EMERGENCY LANDING/	N/A BY S/N					A/P 3304319 IA
6-21-03 11/17/2006	PREVENT OVERHEATING DAMAGE TO THE BRAKE CALIPER PISTON O-RING SEALS/	N/A BY S/N		X			A/P 3304319 IA
7-14-03 08/16/2007	TO CORRECT PICK-UP COLLAR SUPPORT FASTENERS OF THE CAPS/	N/A BY S/N					A/P 3304319 IA
2-24-13 2/04/2007	TO PREVENT MOISTURE FROM ACCUMULATING ALONG THE WING SHEAR WEB WHERE IT MAY FREEZE IN CERTAIN CONDITIONS/	N/A BY S/N					A/P 3304319 IA

For possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

[Signature]

Date

3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company: Steel Aviation
 Make/Model: Cirrus – SR22
 Tail #: N824KB
 Serial #: 4168

Biweekly Number: 2024-05
 TACH: 1873.3 TACH
 A/C Cert. Date: January 21st, 2015
 Total Time: 2228.1 HOBBS

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/	N/A BY S/N					A/P 3304319 IA
08-14-13 08/14/2008	TO PREVENT IN-FLIGHT FAILURE OF THE CABIN DOOR/	N/A BY S/N					A/P 3304319 IA
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
* 23-09-09 07/17/2023	FAILURES OF SPOT-WELDED, MULTI-SEGMENT V-BAND COUPLINGS/	N/A AFFECTED EQUIPMENT NOT INSTALLED		X			A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by 

Date 3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company: Steel Aviation
 Make/Model: Continental – IO-550-N68B
 Tail #: N824KB
 Serial #: 1045259
 Location: FRONT

Biweekly Number: 2024-05
 TSMOH: TSN:0.0
 Total Time: 0.0
 Total Cycles:

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
88-03-06 02/05/1988	OIL FILTER/	N/A BY P/N INSTALLED					A/P 3304319 IA
91-19-03 09/29/1991	CHAMPION OIL FILTER/	N/A BY P/N INSTALLED					A/P 3304319 IA
93-08-17 08/23/1993	INCORRECT OIL PICK-UP TUBE/	N/A BY ENGINE MODEL					A/P 3304319 IA
93-10-02 05/17/1993	CYLINDER VALVE RETAINER/	N/A BY MODEL					A/P 3304319 IA
PL99-09-17 SS by 99-19-01	CRANKSHAFT FAILURE/	SUPERSEDED BY AD 99-19-10	X				A/P 3304319 IA
99-19-01 09/30/1999	CRANKSHAFT FAILURE/	N/A BY DATE OF REBUILD (4/27/2023) AND BY CRANKSHAFT S/N N23AA118					A/P 3304319 IA
* PL2000-08-51 04/28/2000 SS by 2000-23-21	CRANKSHAFT CONNECTING ROD JOURNAL FRACTURE/	SUPERSEDED BY AD 2000-23-21	X	X			A/P 3304319 IA
00-23-21 12/12/2000	FRACTURE OF THE CRANKSHAFT CONNECTING ROD JOURNAL/	N/A BY DATE OF REBUILD (4/27/2023)					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by: W. S. Klein Date: 3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY engine

Company: Steel Aviation
 Make/Model: Continental -- IO-550-N68B
 Tail #: N824KB
 Serial #: 1045259
 Location: FRONT

Biweekly Number: 2024-05
 TSMOH: TSN:0.0
 Total Time: 0.0
 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 STC NOT 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 BY MODEL AND NO TURBO 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	X	X			A/P 3304319 IA
* 10-11-04 06/16/2010	TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR/	N/A BY S/N NOT LISTED IN TCM MSB09-8A AND NO LIFTER WORK		X			A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by *[Signature]* Date 3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company: Steel Aviation
 Make/Model: Continental -- IO-550-N68B
 Tail #: N824KB
 Serial #: 1045259
 Location: FRONT

Biweekly Number: 2024-05
 TSMOH: TSN:0.0
 Total Time: 0.0
 Total Cycles:

Page 4 of 4
 engine

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 NOT INSTALLED AND N/A BY DATE OF MANUFACTURE		X			A/P 3304319 IA
* 12-10-13 6/8/2012	TO PREVENT STARTER ADAPTER GEAR SHAFT FAILURE/	N/A STC NOT INSTALLED AND NO TURBO INSTALLED		X			A/P 3304319 IA
* 14-05-29 04/25/2014	SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/	N/A AFFECTED CYLINDERS NOT INSTALLED		X			A/P 3304319 IA
16-16-12 09/15/2016	ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/	N/A AFFECTED CYLINDERS NOT INSTALLED					A/P 3304319 IA
20-16-11 09/21/2020	CROSS-FLOW CYLINDER ASSEMBLIES INTEGRITY/	N/A BY DATE OF REBUILD (4/27/2023)					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by WSP

Date 3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company: Steel Aviation
 Make/Model: Continental -- IO-550-N68B
 Tail #: N824KB
 Serial #: 1045259
 Location: FRONT

Biweekly Number: 2024-05
 TSMOH: TSN:0.0
 Total Time: 0.0
 Total Cycles:

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
22-04-04 03/29/2022 SS by 2023-17-04	STC STRATUS OIL FILTER ADAPTER FIBER GASKET OIL LOSS/	SUPERSEDED BY AD 2023-17-04	X				A/P 3304319 IA
23-02-12 02/17/2023	INTAKE VALVE FAILURES/	N/A BY DATE OF ENGINE REBUILD (4/27/2023)					A/P 3304319 IA
23-04-08 02/23/2023 SS by 2023-05-16	CRANKSHAFT ASSEMBLY COUNTERWEIGHT RETAINING RINGS IN THE COUNTERWEIGHT GROOVE/	SUPERSEDED BY AD 2023-05-16	X				A/P 3304319 IA
23-05-16 03/15/2023	IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/	N/A BY DATE OF REBUILD (4/27/2023) AND BY CRANKSHAFT S/N NOT LISTED IN SERVICE BULLETIN					A/P 3304319 IA
* 23-09-09 07/17/2023	FAILURES OF SPOT-WELDED, MULTI-SEGMENT V-BAND COUPLINGS/	N/A AFFECTED EQUIPMENT NOT INSTALLED		X			A/P 3304319 IA
23-17-04 10/26/2023	STC F&M OR STRATUS OIL FILTER ADAPTER FIBER GASKET OIL LOSS/	N/A BY DATE OF REBUILD AND STC'S LISTED NOT INSTALLED					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by *J. B. [Signature]* Date 3-1-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

propeller

Company: Steel Aviation
 Make/Model: Hartzell -- PHC-J3Y1F-1N
 Tail #: N824KB
 Serial #: NJ2046B
 Location: FRONT
 Blade: N7605CB

Biweekly Number: 2024-05
 TSMOH: TSN: 0.0

Total Time: 0.0
 Total Cycles:

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
* 77-12-06 R2 11/10/1977 SS by 2002-09-08	PROP BLADE/	SUPERSEDED BY AD 2002-09-08	X	X			A/P 3304319 IA
* 89-22-05 SS by 93-16-14	PROPELLER HUB FAILURE/	SUPERSEDED BY AD 93-16-14	X	X			A/P 3304319 IA
* 93-16-14 08/18/1993 SS by 94-17-13	PROP HUB CRACKS/	SUPERSEDED BY AD 94-17-13	X	X			A/P 3304319 IA
* 94-17-13 09/15/1994	PROP HUB FAILURE/	N/A BY PROP S/N		X			A/P 3304319 IA
01-07-03 06/04/2001	CORRECTION - PREVENT PROPELLER FAILURE OF THE PROPELLERS RETURNED TO SERVICE BY BASCO/	N/A LOGS SHOW PROP NOT RETURNED TO SERVICE BY BASCO					A/P 3304319 IA
02-09-08 06/13/2002 SS by 2007-26-09	PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS/	SUPERSEDED BY AD 2007-26-09	X				A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

3-1-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company: Steel Aviation
 Make/Model: Hartzell – PHC-J3Y1F-1N
 Tail #: N824KB
 Serial #: NJ2046B
 Location: FRONT
 Blade: N7605CB

Biweekly Number: 2024-05
 TSMOH: TSN: 0.0
 Total Time: 0.0
 Total Cycles:

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 BLADE S/NS					A/P 3304319 IA
* 08-13-28 07/17/2008	TO PREVENT FAILURE OF THE PROPELLER HUB/	N/A BY MODEL OF PROPELLER		X			A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by *[Signature]* Date 3/1/24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company: Steel Aviation
 Tail #: N824KB
 Biweekly Number: 2024-05

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 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 AND S/N					A/P 3304319 IA
82-20-01 06/14/1983	82-20-01 - BENDIX MAGNETOS/	N/A BY TYPE DESIGNATIONS OF MAGNETOS					A/P 3304319 IA
* 93-05-06 04/29/1993	93-05-06 - ACS IGNITION SWITCHES/	C/W THIS INSPECTION BY REPLACEMENT		X	3/8/2024 @ 1873.3	NEXT DUE 3873.3	A/P 3304319 IA
94-01-03 R2 06/28/1995	94-01-03 R2 - TELEDYNE/BENDIX MAGNETOS/	N/A BY RED TCM DATA PLATES ON MAGNETOS AND S/NS					A/P 3304319 IA
94-06-09 05/20/1994	94-06-09 - TELEDYNE/BENDIX MAGNETOS/	N/A BY S/N OF MAGNETOS					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 NO 430S INSTALLED					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

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by 

Date 3-7-24

Airworthiness Directive Compliance Record


AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
 Tail # N824KB
 Biweekly Number 2024-05

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 BY MODEL OF TRANSPONDER 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 PLATES AND 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 S/N OF PFD INSTALLED		X			A/P 3304319 IA
15-10-51 07/01/15	AFM - FINAL APPROACH COURSE LATERAL DEVIATIONS/	N/A NO AVIDYNE IFD INSTALLED					A/P 3304319 IA
17-04-06 04/07/2017	ERRONEOUS DISPLAY DUE TO SLOW DIAPHRAM LEAK/	N/A BY MODEL OF ALTIMETER INSTALLED					A/P 3304319 IA
* 17-16-01 10/24/2017	QUALITY STANDARDS NON-COMPLIANCE MALFUNCTIONS/	N/A BY AFFECTED ELT NOT INSTALLED		X			A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by  Date 3-11-24

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company: Steel Aviation
 Tail #: N824KB
 Biweekly Number: 2024-05

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
19-01-02 02/07/2019	AFM, FLIGHT DISPLAY UNIT REPETITIVE UNCOMMANDED RESET/	N/A NOT INSTALLED					A/P 3304319 IA
19-13-03 08/27/2019	MOUNTING TRAY RETAINING CAM INSUFFICIENT G-FORCE RETENTION/	N/A NO AVIDYNE TRANSPONDER INSTALLED					A/P 3304319 IA
20-16-08	UNCOMMANDED FLIGHT DISPLAY SYSTEMS RESET/	N/A NOT INSTALLED					A/P 3304319 IA
20-19-06 11/03/2020	IDLER GEAR BEARING UNAPPROVED VARIANT/	N/A BY S/N AND DATE OF INSTALLATION					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by *J.S. Klein* Date *3-1-24*

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company
Make/Model
Tail #
Serial #

Steel Aviation
Cirrus - SR22
N824KB
4168

Biweekly Number
TACH
A/C Cert. Date
Total Time

2023-02
1667.6 TACH
January 21st, 2015
1996.2 HOBBS

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					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				A/P 3304319 IA

Prepared by  Date 01-25-23

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY


airframe

Company: Steel Aviation
 Make/Model: Cirrus – SR22
 Tail #: N824KB
 Serial #: 4168

Biweekly Number: 2023-02
 TACH: 1667.6 TACH
 A/C Cert. Date: January 21st, 2015
 Total Time: 1996.2 HOBBS

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
06-07-06 05/11/2006	TO DETECT, CORRECT, AND PREVENT DAMAGE TO THE FUEL LINE AND WIRE/	N/A BY S/N					A/P 3304319 IA
06-19-10 10/24/2006	TO PREVENT THE CREW SEATS FROM FOLDING FORWARD DURING EMERGENCY LANDING/	N/A BY S/N					A/P 3304319 IA
* 06-21-03 11/17/2006	PREVENT OVERHEATING DAMAGE TO THE BRAKE CALIPER PISTON O-RING SEALS/	N/A BY S/N		X			A/P 3304319 IA
07-14-03 08/16/2007	TO CORRECT PICK-UP COLLAR SUPPORT FASTENERS OF THE CAPS/	N/A BY S/N					A/P 3304319 IA
07-24-13 12/04/2007	TO PREVENT MOISTURE FROM ACCUMULATING ALONG THE WING SHEAR WEB WHERE IT MAY FREEZE IN CERTAIN CONDITIONS/	N/A BY S/N					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by 

Date 01-25-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company	Steel Aviation	Biweekly Number	2023-02
Make/Model	Cirrus – SR22	TACH	1667.6 TACH
Tail #	N824KB	A/C Cert. Date	January 21st, 2015
Serial #	4168	Total Time	1996.2 HOBBS

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/	N/A BY S/N					A/P 3304319 IA
08-14-13 08/14/2008	TO PREVENT IN-FLIGHT FAILURE OF THE CABIN DOOR/	N/A BY S/N					A/P 3304319 IA
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

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

01-23-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company: Steel Aviation
 Make/Model: Continental – IO-550-N68B
 Tail #: N824KB
 Serial #: 1011430
 Location: FRONT

Biweekly Number: 2023-02
 TSMOH: TSN:1667.6
 Total Time: 1667.6
 Total Cycles:

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
88-03-06 02/05/1988	OIL FILTER/	N/A BY P/N INSTALLED					A/P 3304319 IA
91-19-03 09/29/1991	CHAMPION OIL FILTER/	N/A BY P/N INSTALLED					A/P 3304319 IA
93-08-17 08/23/1993	INCORRECT OIL PICK-UP TUBE/	N/A BY ENGINE MODEL					A/P 3304319 IA
93-10-02 05/17/1993	CYLINDER VALVE RETAINER/	N/A BY MODEL					A/P 3304319 IA
PL99-09-17 SS by 99-19-01	CRANKSHAFT FAILURE/	SUPERSEDED BY AD 99-19-10	X				A/P 3304319 IA
99-19-01 09/30/1999	CRANKSHAFT FAILURE/	N/A BY DATE OF MANUFACTURE 12/1/2014					A/P 3304319 IA
* PL2000-08-51 04/28/2000 SS by 2000-23-21	CRANKSHAFT CONNECTING ROD JOURNAL FRACTURE/	SUPERSEDED BY AD 2000-23-21	X	X			A/P 3304319 IA
00-23-21 12/12/2000	FRACTURE OF THE CRANKSHAFT CONNECTING ROD JOURNAL/	N/A BY DATE OF MANUFACTURE 12/1/2014					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by J. B. [Signature]

Date 01-23-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company: Steel Aviation
 Make/Model: Continental -- IO-550-N68B
 Tail #: N824KB
 Serial #: 1011430
 Location: FRONT

Biweekly Number: 2023-02
 TSMOH: TSN:1667.6
 Total Time: 1667.6
 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 STC NOT 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 BY MODEL AND NO TURBO 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	X	X			A/P 3304319 IA
* 10-11-04 06/16/2010	TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR/	N/A BY S/N NOT LISTED IN TCM MSB09-8A AND NO LIFTER WORK		X			A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by  Date 01-25-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

propeller

Company: Steel Aviation
 Make/Model: Hartzell - PHC-J3YF-1RF
 N824KR

Biweekly Number: 2023-02
 TSMOH: TSN: 1667.6

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company: Steel Aviation
 Make/Model: Continental - IO-550-N68B
 Tail #: N824KB
 Serial #: 1011430
 Location: FRONT

Biweekly Number: 2023-02
 TSMOH: TSN: 1667.6
 Total Time: 1667.6
 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 NOT INSTALLED AND N/A BY DATE OF MANUFACTURE		X			A/P 3304319 IA
* 12-10-13 6/8/2012	TO PREVENT STARTER ADAPTER GEAR SHAFT FAILURE/	N/A STC NOT INSTALLED AND NO TURBO INSTALLED		X			A/P 3304319 IA
* 14-05-29 04/25/2014	SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/	N/A AFFECTED CYLINDERS NOT INSTALLED		X			A/P 3304319 IA
16-16-12 09/15/2016	ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/	N/A AFFECTED CYLINDERS NOT INSTALLED					A/P 3304319 IA
20-16-11 09/21/2020	CROSS-FLOW CYLINDER ASSEMBLIES INTEGRITY/	P/C/W PER MSB 18-08B SEE ENGINE LOG DATED 12/18/2020			12/18/2020 @ 1275.8 TACH		SEE LOG ENTRY

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

Date

01-23-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY


propeller

Company: Steel Aviation
 Make/Model: Hartzell -- PHC-J3YF-1RF
 Tail #: N824KB
 Serial #: FP8530B
 Location: FRONT
 Blade: F7693DFB

Biweekly Number: 2023-02
 TSMOH: TSN: 1667.6
 Total Time: 1667.6
 Total Cycles:

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
* 77-12-06 R2 11/10/1977 SS by 2002-09-08	PROP BLADE/	SUPERSEDED BY AD 2002-09-08	X	X			A/P 3304319 IA
* 89-22-05 SS by 93-16-14	PROPELLER HUB FAILURE/	SUPERSEDED BY AD 93-16-14	X	X			A/P 3304319 IA
* 93-16-14 08/18/1993 SS by 94-17-13	PROP HUB CRACKS/	SUPERSEDED BY AD 94-17-13	X	X			A/P 3304319 IA
* 94-17-13 09/15/1994	PROP HUB FAILURE/	N/A BY PROP S/N		X			A/P 3304319 IA
01-07-03 06/04/2001	CORRECTION - PREVENT PROPELLER FAILURE OF THE PROPELLERS RETURNED TO SERVICE BY BASCO/	N/A LOGS SHOW PROP NOT RETURNED TO SERVICE BY BASCO					A/P 3304319 IA
02-09-08 06/13/2002 SS by 2007-26-09	PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS/	SUPERSEDED BY AD 2007-26-09	X				A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by  Date 01-25-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company: Steel Aviation
 Make/Model: Hartzell - PHC-J3YF-1RF
 Tail #: N824KB
 Serial #: FP8530B
 Location: FRONT
 Blade: F7693DFB

Biweekly Number: 2023-02
 TSMOH: TSN: 1667.6
 Total Time: 1667.6
 Total Cycles:

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 BLADE S/NS					A/P 3304319 IA
* 08-13-28 07/17/2008	TO PREVENT FAILURE OF THE PROPELLER HUB/	N/A BY MODEL OF PROPELLER		X			A/P 3304319 IA

Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

01/25/23

Airworthiness Directive Compliance Record


AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
 Tail # N824KB
 Biweekly Number 2023-02

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 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 AND S/N					A/P 3304319 IA
* 76-07-12 04/14/1976	76-07-12 - BENDIX SWITCHES/	P/C/W SEE AD LIST DATED 11/12/2019		X	11/12/2019 @ 1161.5 FLIGHT	@ 2000 FLIGHT HOURS	SEE LOG ENTRY
82-20-01 06/14/1983	82-20-01 - BENDIX MAGNETOS/	N/A BY TYPE DESIGNATIONS OF MAGNETOS					A/P 3304319 IA
* 93-05-06 04/29/1993	93-05-06 - ACS IGNITION SWITCHES/	N/A COMPLIANCE REQUIRED AT 2000 HOURS		X		@ 2000 FLT HOURS	A/P 3304319 IA
94-01-03 R2 06/28/1995	94-01-03 R2 - TELEDYNE/BENDIX MAGNETOS/	N/A BY RED TCM DATA PLATES ON MAGNETOS AND S/NS					A/P 3304319 IA
94-06-09 05/20/1994	94-06-09 - TELEDYNE/BENDIX MAGNETOS/	N/A BY S/N OF MAGNETOS					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 NO 430S INSTALLED					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by 

Date 07-25-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company Steel Aviation
 Tail # N824KB
 Biweekly Number 2023-02

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
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
05-01-19 02/23/2005	PREVENT INTERROGATING AIRCRAFT FROM POSSIBLY RECEIVING INACCURATE REPLIES/	N/A BY MODEL OF TRANSPONDER 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 PLATES AND 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 S/N OF PFD INSTALLED		X			A/P 3304319 IA
15-10-51 07/01/15	AFM - FINAL APPROACH COURSE LATERAL DEVIATIONS/	N/A NO AVIDYNE IFD INSTALLED					A/P 3304319 IA
17-04-06 04/07/2017	ERRONEOUS DISPLAY DUE TO SLOW DIAPHRAM LEAK/	N/A BY MODEL OF ALTIMETER INSTALLED					A/P 3304319 IA

Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by

Date

01-25-23

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Steel Aviation
 Tail # N824KB
 Biweekly Number 2023-02

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 NOT INSTALLED					A/P 3304319 IA
19-13-03 08/27/2019	MOUNTING TRAY RETAINING CAM INSUFFICIENT G-FORCE RETENTION/	N/A NO AVIDYNE TRANSPONDER INSTALLED					A/P 3304319 IA
20-16-08	UNCOMMANDED FLIGHT DISPLAY SYSTEMS RESET/	N/A NOT INSTALLED					A/P 3304319 IA
20-19-06 11/03/2020	IDLER GEAR BEARING UNAPPROVED VARIANT/	N/A BY S/N AND DATE OF INSTALLATION					A/P 3304319 IA

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)

Prepared by



Date

07-25-23