AIRCRAFT RECORDS - DO NOT DESTROY

Page 1 of 3 airframe

2023-20 **Biweekly Number** Steel Aviation Company 1900.9 HOBBS TACH Cirrus - SR22 Make/Model **AUGUST 12, 2008** A/C Cert. Date N828LE Tail# 1568.9 TACH **Total Time** 3178 Serial # Date & Hours Next Comp @ Auth Sig & **Method of Compliance** SS R Subject AD# @ Comp Hrs/Date Cert No Effective A/P 3304319 IA N/A BY S/N 01-25-03 DETECT AND REPLACE 12/17/2001 UNDERSTRENGTH RIVETS IN THE **ELEVATOR AND** RUDDER/ A/P 3304319 IA X 02-05-05 SUPERSEDED BY AD 2002-24-08 LIMIT THE CHANCE OF 03/19/2002 FAILURE OF THE CAPS SS by 2002-24-08 ACTIVATION SYSTEM/ A/P 3304319 IA N/A BY S/N PREVENT LOSS OF THE 02-21-02 11/08/2002 SELF-LOCKING RETAINING NUT ON THE ROLL AND YAW TRIM CARTRIDGES/ A/P 3304319 IA PREVENT FAILURE OF N/A BY S/N 02-24-08 01/24/2003 THE CAPS ACTIVATION SYSTEM IN AN **EMERGENCY** SITUATION/ A/P 3304319 IA SUPERSEDED BY AD 2006-19-10 Х PREVENT THE CREW 05-17-19

SEATS FROM FOLDING FORWARD DURING

EMERGENCY LANDING/

10/13/2005

SS by 2006-19-10

Prepared by Mlun Date 9-21-23

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

AIRCRAFT RECORDS - DO NOT DESTROY

Page 2 of 3 airframe

Company Make/Model Tail # Serial #	Steel Aviation Cirrus – SR22 N828LE 3178	,		TAC A/C	C Cert. Date	2023-20 1900.9 HOBBS AUGUST 12, 2008 1568.9 TACH	
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		х			A/P 3304319 IA
17-14-03 08/16/2007	TO CORRECT PICK-UP COLLAR SUPPORT FASTENERS OF THE CAPS/	N/A BY S/N					A/P 3304319 IA
7-24-13 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

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Steel Aviation

AIRCRAFT RECORDS - DO NOT DESTROY

Company

Page 3 of 3 airframe

Make/Model Tail # Serial #	Cirrus – SR22 N828LE 3178					CH C Cert. Date tal Time	1900.9 HOBBS AUGUST 12, 2008 1568.9 TACH
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	N/A AFFECTED EQUIPMENT NOT INSTALLED		x			A/P 3304319 IA

V-BAND COUPLINGS/

Prepared by #8 flem Date 9-21-23

Biweekly Number

2023-20

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

Airworthiness Directive Compliance Record
AIRCRAFT RECORDS - DO NOT DESTROY

Page 1 of 5 engine

Company Steel Aviation Make/Model Continental — IO-550-N48 Tail # N828LE Serial # 691837 Location FRONT					To	weekly Number SMOH stal Time stal Cycles	2023-20 TSN:1568.9	
Location	PRONT .				10	otal 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 MODEL AND S/N NOT LISTED IN TCM SB No. M91-10, R1					A/P 3304319 IA	
93-10-02 05/17/1993	CYLINDER VALVE RETAINER/	N/A BY MODEL AND S/N NOT LISTED IN TCM MSB No. 93-12			1		A/P 3304319 IA	
PL99-09-17 SS by 99-19-01	CRANKSHAFT FAILURE/	SUPERSEDED BY AD 99-19-01	x				A/P 3304319 IA	
99-19-01 09/30/1999	CRANKSHAFT FAILURE/	N/A BY DATE OF MANUFACTURE AND MODEL & S/N NOT LISTED IN TCM MSB 99-3C					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	х			A/P 3304319 IA	
00-23-21 12/12/2000	FRACTURE OF THE CRANKSHAFT CONNECTING ROD	N/A BY DATE OF MANUFACTURE AND MODEL NOT LISTED IN TCM MSB 00-5C					A/P 3304319 IA	

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

JOURNAL/

Prepared by John

Date 9-21-23

AIRCRAFT RECORDS - DO NOT DESTROY

Page 2 of 5 engine

2023-20 Biweekly Number Steel Aviation Company ТЅМОН TSN:1568.9 Continental -- IO-550-N48 Make/Model N828LE Tail# **Total Time** 1568.9 Serial # 691837 **Total Cycles** FRONT Location Date & Hours Next Comp @ Auth Sig & SS R **Method of Compliance** AD# Subject @ Comp Hrs/Date **Cert No Effective** A/P 3304319 IA N/A BY STC NOT INSTALLED 04-08-10 PREVENT LOSS OF 05/05/2004 **ENGINE POWER/** A/P 3304319 IA 07-16-10 N/A NO TURBOS OR STC INSTALLED TO PREVENT THE 08/23/2007 TURBINE ROTOR FROM SEPARATING FROM THE SHAFT OF THE TURBOCHARGER DUE TO A MACHINING **DEFECT IN THE** TURBOCHARGER COMPRESSOR/ A/P 3304319 IA 09-16-03 SUPERSEDED BY AD 2014-05-29 X X TO PREVENT THE 09/09/2009 SEPARATION OF THE SS by 2014-05-29 CYLINDER HEAD/ A/P 3304319 IA SUPERSEDED BY AD 2010-11-04 X X 09-24-52 TO ADDRESS RAPID SS by 2010-11-04 WEAR ON THE FACE OF HYDRAULIC LIFTERS/ A/P 3304319 IA X 10-11-04 N/A BY DATE OF MANUFACTURE AND TO PREVENT NO LIFTER WORK DONE IN DATES 06/16/2010 **EXCESSIVE HYDRAULIC** LIFTER WEAR/ LISTED

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

Airworthiness Directive Compliance Record
AIRCRAFT RECORDS - DO NOT DESTROY

Steel Aviation

Company

Page 3 of 5 engine

TSN:1568.9 Make/Model Continental - IO-550-N48 **TSMOH** Tail # N828LE 1568.9 Serial # **Total Time** 691837 Location FRONT **Total Cycles** Date & Hours Next Comp @ Auth Sig & SS AD# Subject **Method of Compliance** R @ Comp Hrs/Date Cert No Effective A/P 3304319 IA X 11-25-51 TO ADDRESS SUPERSEDED BY AD 2012-10-13 12/28/2011 FRACTURES IN SS by 2012-10-13 STARTER ADAPTER SHAFT GEARS/ A/P 3304319 IA N/A BY FUEL SYSTEM INSTALLED 12-03-06 TO PREVENT AN 02/24/2012 IN-FLIGHT SHUTDOWN DUE TO A FAILED FUEL SERVO DIAPHRAGM/ A/P 3304319 IA X 12-10-13 TO PREVENT STARTER N/A BY P/N OF ADAPTER INSTALLED 6/8/2012 ADAPTER GEAR SHAFT FAILURE/ N/A BY CYLINDERS INSTALLED X A/P 3304319 IA 14-05-29 SUPERIOR AIR PARTS 04/25/2014 INVESTMENT CAST CYLINDER ASSEMBLIES/ A/P 3304319 IA 6-16-12 N/A BY CYLINDERS INSTALLED ECI CLASS 71 OR 09/15/2016 **CLASS 76 CYLINDER** ASSEMBLY FAILURES/ SEE LOG ENTRY 0-16-11 CROSS-FLOW C/W by visual inspection of cylinders 8/18/2021@ 09/21/2020 CYLINDER ASSEMBLIES 1,2,3,4, and modification of cylinders 5 1378.3

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

INTEGRITY/

Prepared by _

and 6 see engine logbook dated 8/18/2021

Date 9-2/-23

Biweekly Number

2023-20

Page 4 of 5 engine

AIRCRAFT RECORDS - DO NOT DESTROY

Company Make/Model

Location

Steel Aviation

N828LE Tail# Serial #

691837 FRONT

Continental -- IO-550-N48

Biweekly Number TSMOH

2023-20 TSN:1568.9

Total Time

1568.9

Total	Cycles
. o.u.	-,

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 CYLINDERS INSTALLED AND NO VALVES OR CYLINDERS REPAIRED OR INSTALLED SINCE DATE LISTED					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
3-05-16 03/15/2023	IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/	N/A BY ENGINE S/N NOT LISTED AND NO CRANKSHAFT REPAIRS AFTER DATE LISTED					A/P 3304319 IA
-09-09 17/17/2023	FAILURES OF SPOT-WELDED, MULTI-SEGMENT V-BAND COUPLINGS/	N/A AFFECTED EQUIPMENT NOT INSTALLED		X			A/P 3304319 IA

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Prepared by July Blum Date 92725

2023-20 Biweekly Number TSMOH Steel Aviation Company TSN:1568.9 Continental - IO-550-N48 Make/Model N828LE Tail# 1568.9 **Total Time** 691837 Serial # **Total Cycles** FRONT Location Date & Hours Next Comp @ Auth Sig & SS **Method of Compliance** Subject AD# @ Comp Hrs/Date Cert No Effective A/P 3304319 IA STC F&M OR STRATUS N/A LOGS SHOW AFFECTED 23-17-04 OIL FILTER ADAPTER EQUIPMENT NOT INSTALLED, AND 10/26/2023 FIBER GASKET OIL STC'S LISTED NOT INSTALLED LOSS/

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

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Prepared by Allem Date 9-21-23

Date 9-21-23

Page 5 of 5

engine

Page 1 of 2

AIRCRAFT RECORDS - DO NOT DESTROY propeller Steel Aviation **Biweekly Number** 2023-20 Company Hartzell -- PHC-J3YF-1RF тѕмон 363.6 Make/Model Tail # **N828LE** FP6926B **Total Time** 1568.9 Serial # **Total Cycles** Location **FRONT** F769BDFB Blade

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	Х	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	х			A/P 3304319 IA
94-17-13 09/15/1994	PROP HUB FAILURE/	N/A BY S/N OF PROP INSTALLED		х			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 NO RETURN 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			and the second	A/P 3304319 IA

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

Prepared by Juli 8 Plain Date 9-21-23

AIRCRAFT RECORDS - DO NOT DESTROY

Page 2 of 2 propeller

Company Make/Model Tail # Serial # Location Blade	Steel Aviation Hartzell — PHC-J3YF-1RF N828LE FP6926B FRONT F769BDFB		Biweekly Number TSMOH Total Time Total Cycles			MOH al Time	2023-20 363.6 1568.9	
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 PROPELLERS					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 PROP MODEL INSTALLED		x			A/P 3304319 IA	

Prepared by Mg Plein Date 9-21-13

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

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AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Tail # Steel Aviation N828LE 2023-20

Biweekly Number

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 GOVERNOR INSTALLED					A/P 3304319 IA
82-20-01 06/14/1983	82-20-01 - BENDIX MAGNETOS/	N/A BY TYPE DESIGNATION OF MAGNETOS INSTALLED	N OF MAGNETOS				A/P 3304319 IA
93-05-06 04/29/1993	93-05-06 - ACS IGNITION SWITCHES/	NEW IGNITION SWITCH INSTALLED SEE AIRFRAME LOG DATED 8/18/2021			8/18/2021 @1378.3	@ 3378.3 TACH AND EVERY 2000 FLT HRS	A/P 3304319 IA
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 NO GARMIN 430S INSTALLED			* ' s		A/P 3304319 IA

Prepared by Muc Date 92123

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

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AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Tail#

Steel Aviation N828LE

2023-20 **Biweekly Number**

AD # Effective	Subject	Method of Compliance		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 GARMIN TRANSPONDER INSTALLED					A/P 3304319 IA
* 05-12-06 07/19/2005	PREVENT FAILURE OF THE MAGNETO IMPULSE COUPLING ASSEMBLY/	N/A BY ENGINE MODEL MAGNETOS INSTALLED ON AND P/N OF MAGNETOS		х			A/P 3304319 IA
* 09-05-05 04/03/2009	TO PREVENT CERTAIN CONDITIONS FROM EXISTING WHEN PFDS DISPLAY INCORRECT/	N/A BY GARMIN 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 S/N OF STANDBY ALTIMETER					A/P 3304319 IA

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

Prepared by Jacobs Plan Date 9-2123

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AIRCRAFT RECORDS - DO NOT DESTROY

Appliances

Company Tail#

Steel Aviation N828LE

Biweekly Number

2023-20

AD # Effective	Subject	Subject Method of Compliance		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 MODEL OF ELT INSTALLED		X			A/P 3304319 IA
19-01-02 02/07/2019	AFM, FLIGHT DISPLAY UNIT REPETITIVE UNCOMMANDED RESET/	I/A NO ASPEN INSTALLED					A/P 3304319 IA
19-13-03 08/27/2019	MOUNTING TRAY RETAINING CAM INSUFFICIENT G-FORCE RETENTION/	N/A BY GARMIN TRANSPONDER INSTALLED					A/P 3304319 IA
20-16-08	UNCOMMANDED FLIGHT DISPLAY SYSTEMS RESET/	N/A NO ASPEN INSTALLED					A/P 3304319 IA
20-19-06 11/03/2020	IDLER GEAR BEARING UNAPPROVED VARIANT/	N/A NO WORK DONE SINCE ORIGINAL INSTALL OR AT REMOVAL SEE ENGINE LOG DATED 7/28/2017					A/P 3304319 IA

Prepared by Allina Date 9-21-23

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

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

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO
	reporte been p	er test require performed and	imeter, static synded by FAR's 91. d found within the state of the sta	.411, 91.413, & the limits of FA	& 91.217 have AR 43 appendi	1	
	Tran	sponder: Mode	Mfg <u>Garmir</u> l: <u>GTX-32</u>	n_P/N_ <u>246</u> _S/N_ 83 '	<u>52</u> 900372	<u>.</u>	
	Air D)ata Comp S/N_	outer: Model 2060198	GDC74A 85	P/N_2465	51	
	Altin	neter: Mfg S/N _	United P/46998	/N <u>12731-00</u>	<u>13</u>		
	Cirru	Quality Assist Design Co. 338CE	ssurance Corporation D	Duluth, MN	on <u>7 /21/</u> USA	08.	
	N						

DOShart Enterprises Inc. Genesee county Airport Tested in Compliance with 1731 -003
Part 43 Appendix E Paragraph (A,B)

Batavia, NY 14020

Altimeter #2

Repair Sta	tion Number Ba	2ER144J	/IIIIIIIII						
Test		Tolerance	HYS	TERESIS/TE	ST TOLERA	NCES			
Altitude in Feet	Reading	+/-(feet)			Reading	Tolerence (feet)			
-1000	-20	20	Case leak To	et	-20	100			
0	0	20	Oase leak 1		-28	100			
500	0	20	Hysteresis 7	Test	+20	75			
1000	+10	20	First TP50	% of Max	720	,,			
1500	+5	25	Hystereis Te	est	110	75			
2000	+15	30	First TP40%	6 of max	+10	10			
.3000	+30	30	After Effect		+20	30			
4000	+10	35			7				
6000	-15	40	K	low Calibrat					
. 8000	-40	60	Pressure			Altitude			
10000	-60	80	Setting in	Read	ing	Difference			
12000	-70	90	In./Hg.			(feet)			
14000	-75	100	28.10	-1735		-1727			
16000	-75	110	28.50	-1350		-1340			
18000	- 55	120	29.00	-850		-863			
20000	-30	130	29.50	-410		-392			
22000	+5	140	29.92	-0- (1	ef)	0			
25000	-40	155	30.50	+515		531			
30000	1	180	30.90	+890	A STATE OF A	893			
35000		205	30.99	+975		974			
40000		230				boshe11			
45000		255		ckai	07.7	7 1010			
	Contract of the Contract of th	280	W/O No. A	6501 D	ate: 07-2	1-0010			
50000	The state of the s								

		1 25	Hystereis Test		75
0	-15	30	First TP40% of max	0	75
0	-15	30	After Effect	0	30
O	-20	35	Alter Ellect	U	30
1	-20	40	Kollsman Wir	ndow Calibration	
	20	60	Pressure	A	Altitude /

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

	ANUFACTUR	ER MO	DDEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	
					Batavia, N.Y. 14020 Re	pair Station No. B2E	R144J	1
/	1	. Aircraft N _	4816	W/O No.	A56501			1
	-	Transpo	onder Model	TX-32 W Part 91.413 para. a	S/N <u>8390 037</u> b, c and found to comp	2 oly with Part 43 Appe	ndix F.	T
1			Model Air			•		T
11					2060 1985 and found to comply w			4
-		На	as been tested IA	W Part 91.411 para a	and found to comply w	ith Part 43 Appendix I	i.	1
		Aircraft	Static System I	nas been tested IAW P	art 91.411 and found to	comply with Part		1
	-	6 B	.1325 para 21					+
		Signed			ate 07-27-3010			1
		Aircraft Tach	lobbs Time	340.8	fe	orm BOSHE 10	9.00	-
								- 1
				Compliance v	CHI GOO	LTYA		\neg
30shart En	terprises Inc.		Tested in	Compliance v	rith			
	ounty Airport		Part 43 A	ppendix E Para	agraph (A,B)	3.04		
Batavia, N				Altimete	# 1			
Repair Stat	tion Number B	2ER144J					t144J	
Test		Tolerance	1	IYSTERESIS/I	EST TOLERA			
Altitude	Reading	the late of the second second			Reading	Tolerence		
in Feet		+/-(feet)				(feet)		
-1000	-15	20	Case lea	k Test	-28	100	ix F.	
0	-15	20			70			
500	-15	20	Hysteres		0	75		
1000	-15	20		50% of Max				
1500	-15	25	Hysterei	s Test	10	75		
2000	-15	30	First TP	40% of max	0	\		
3000	-15	30	After Ef	iect .	0	30		
4000	-20	35	Ailei Li					
6000	-20	40		Kollsman V	Vindow Calibra			
8000	-20	60	Pressur	P	- Committee of the second	Altitude	13	

			RADIO & E	LECTRONIC CH	IECKS		PART NUMBER
ATE	TOTAL	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR	NEXT CHECK	CHECKED BY:	PART NO. ALTIMETER
	IIME	CHECKED	CHECK	RESULTS	DUE	CALEAGE	
						ALTIMETER SCALE AD COrrection Card	STANDARD FT READING
				-		L'orrection G	ALTITOO 13970
						TIME	10000 - 19911/
9375.4			Steiner Aviation	on International	10 00 0	TANDARD ALDING	18000 19970
	Alt.Mfg. GAG	emin/United	5430 Lauby R	1 U 17 D	TE 10-23-13	TITUDE FT.	18000 14410
	Alt Model 60	T-740/12731-0	Morth Conto	Ohio 44720 W	0# <u>8546</u> 775.3	-00	20000 /99
		1985/46 9986		4NR896Y T.	775.3	500 430	22000
	A/CN# 8					1000	25000
329			D STATIC SYSTEM T		ONDER TEST REQUIRED		30000
	DECLUBED BY	Y EAR OI AII HAV	D STATIC SYSTEM T E BEEN PERFORMED		IAS BEEN PERFORMED	1670	35000
			ORY IN ACCORDANG		EET THE REQUIREMENT		40000
	WITH FAR 43	APPENDIX "E".	/	FAR 43 APPE	NDIX "F" AND "E" PARAC		45000
	STATIC SYST	EM(S) LEAK CHEC	CKED V / -	C. IF APPLICAB	LE	6000 2070	50000
	ALTIMETER (S	S) CERTIFIED BY	CRS UYNR 846Y	= #1	MODEL 61X	82 8000	55000
	TO 20,00	FT.,	REFER TO ATTACH	ED TXP MAKE	900372 TSO CHIZE		33000
			TUDE ENCODING SYS		700312 150 0		- 1 -
				TXP MAKE	MODEL	ITS ANSBOO HOLDER	3 SIGNED dinethy
	SIGNED Y .	in the d.	Krkin	SERIAL NO.	TSO	7N 22628 DATE 10-23-	3 SIGNED Daniel
	DATE /A-2	3-13 1 CERT	NO. VY NR 8764	STEINER AVIA	LION INTERNATIONAL, IN	IC.	ALTITUDE FT. READING
	10 2	-		CRS V4NR896	1	LTITUDE FT. READING	14000 13940
						-1000 -1020	16000 15950
				NCE RELEASE	lever and	0 0	18000 17950
	The Aircra	aft or appliance ide	ntified above was repa	aired and inspected in a	ccordance with current	500 490	20000 19950
	regulations of t	the Federal Aviatio	n Agency and is appro	oved for return to service	e. Pertinent details of the	1000 1010	22000
	repair are on F	ile at this repair sta	ation under			1500 1500	25000
_	Work Order No	imber 0340	2200 3	CERTIFIED AU	R DATA COMPUTER (S) A	AS PER 3000 3010	30000
	Cianad C	3-13 Tim	- Disco	E A D 42 ADD	ENDIY "E" (2)	1000 110.0	35000
_	STEINED AVI	ATION INTERNAT	TONAL INC. VANRE	MAKE GAGA	MOD. GOC-74	5000 5980	40000
	STEWER AVI	A HOR IN IQUINA		#1 S/N 2060	1985 #2 SIN -	8000 7970	45000
	L					10000 1970	50000
1							55000
			The state of the s		The second second	12000 11950 FITS ANSBOO HOLDER	35000 4
	100					DM 22628	b - (a
	1-1-1-1-1-1	Charles of the said of the said	Plate Comments			DATE 0-23	3-13 SIGNED LINES



9400 E. 34th St. N. Wichita, KS 67226

16320 Stagg Street Van Nuys, CA 91406

Altimeter Scale Correction Card

Altimeter P/N: 5934AD-3A.258G

Serial Number: 469986

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-1,020	18,000	17,960
0	-10	20,000	19,965
500	490	22,000	21,980
1,000	1,000	25,000	25,000
1,500	1,500	30,000	30,040
2,000	2,000	35,000	35,100
3,000	3,000		
4,000	4,000		
5,000	4,985		
6,000	5,990		
8,000	7,965		
10,000	9,960		
12,000	11,950		
14,000	13,950		
15,000	14,950		
16,000	15,955		

Tested By:

DP 884

Date:

11/18/2015

		-	
ALTIME	TER SCALE	CORRECT	TION CARD
AIRCRAI	TN#_NS.	BIE	
ALTIMET	TER S/N 46	990%	
	SCALE COR		S
Add als	gebraically	Addalg	gebraically
	om temp.		om temp.
-1000	+10	14000	-70
0	0	16000	- GO
500	6	18000	-30
1000	0	20000	0
1500	0	22000	
2000	-20	25000	
3000	_20	30000	
4000	-10	35000	
6000	-20	40000	
8000	~40	45000	
10000	-30	50000	
12000	-30		,
Tested by:	Mush-Z	Da	te 9/30/19
SCALE CORRE			THE SCALE ERRORS
	NREVERSED. ONLY T OF A MASTER ALTIME		
	ROMETER AT THE TI		
	NCEWILL BE USED IN		
	THIS CARD. THE CO		
	CHED TO THE ALTIMI	ETER WHEN IT IS	NOT INSTALLED IN
THE AIRCRAFT	-	AND MAD	TENIANCE
MODE	RN AVIONICS	AND MAIN	TENANCE

CRS# 7MVR170C

Maley

KIND . NO. C

		G1600	***
ALTIME	TER SCALE	CORRECT	ION CARD
AIRCRAF	TN# N8	SIE	
ALTIMET	ERS/N 19	1400377	
		RRECTIONS	S
Add alg	gebraically	Add alg	ebraically
at roc	om temp.	at roo	m temp.
-1000	410	14000	+20
0	710	16000	-30
500	-20	18000	-30
1000	-10	20000	0
1500	~10	22000	
2000	_20	25000	
3000	-30	30000	
4000	-10	35000	
6000	-20	40000	
8000	-30	45000	
10000	-10	50000	
12000	0		

1-11-00

Tested by:

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCUIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT

MODERN AVIONICS AND MAINTENANCE CRS# 7MVR170C

INSPECTION F F.A.R. 43.11-

AIRCRAFT TIME	SIGNATURE — C	KI ERT. N
DA A/C N#: NX RE Hours 135	D.5 Date 9/30/19	
The following altimeter system and a	the second secon	
tests and inspections as required by	and the second s	
Appendix E, have been performed.		
Part (a) Static System 9/30/19	(date)	
Part (b) Altimeters		
Pilot's 9/20/19 Copilot's	Standby 9/30/19	
Tested to 20,000 feet		
Part (c) Integrated System Test 9/3	0/19 (date)	
Technician follows Z	W/O# Aut in- 06 47	
Modern Avionics and Maintenance		
modern transces and manifeliance	CRS# /MVRI/UC	*****
A/C N#: NSOSTE Hours	1350.5 Date 9/30/19	
	ction as required by CFR 91.413	
A IC Hallspollder test and misper	CLIVII ao regarie a v	
	the state of the s	
IAW CFR Part 43, Appendix F, ha	ave been performed.	
IAW CFR Part 43, Appendix F, ha	ave been performed. S/N_3EFOQQQ13	
IAW CFR Part 43, Appendix F, ha Transponder Model 678356 Transponder Model	s/N_SEFOQQQI3	
IAW CFR Part 43, Appendix F, ha	ave been performed. S/N_3EFOQQQ13	
IAW CFR Part 43, Appendix F, ha Transponder Model 678356 Transponder Model	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	
IAW CFR Part 43, Appendix F, ha Transponder Model 678358 Transponder Model Technician	s/N_3EFOQQQ13 S/NS/N	

ALTITUDE	ERROR	ALTITUDE	OSITION Primary ERROR
		12000	-30
-1000	-10		-30
0	-10	14000	
500	-10	16000	- 30
1000	-70	18000	-30
1500	-20	20000	-40
2000	-20	25000	THE REPORT OF THE PARTY.
3000	-20	30000	
4000	-25	35000	
6000	20	40000	
8000	-20	45000	
10000	-30	50000	
t-15	ALTIMETER CORREC	TION CARD	REV 2
K-15			

	בעטווטעE	ERROR	ALTITUDE	ERROR
	-1000	-10	12000	-10
	0	-10	14000	-10
	500	-10	16000	-20
N828LE FLIGHT: 1	1000	~10	18000	-20
1. Com	1500	-10	20000	-20
2. Perfo	2000	-10	25000	
discre	3000	~10	30000	
With respec	4000	-10	35000	
formed are	6000	-10	40000	
[8000	-10	45000	
Craig Harbe	10000	-10	50000	
A	t-15	ALTIMETER CORP	RECTION CARD	REV 2
	The state of the s			
	1			

wo: LUK145-230	064	Airframe - page 1 of 1
	Airtech of Ohio, LLC 4765 Airport Rd - CINCINNATI, Ohio 45226 - C	RS#: 5A8R960B
N828LE FLIGHT: 1442	CIRRUS DESIGN CORP, SR22, S/N: 3178 2.3 HOBBS: 1751.1	February 10, 2023
2. Performe	d with aircraft preliminary inspection. No discrepancies noted and 24-Month IFR Certification to 20,000ft in accordance with Fincies noted at this time.	
With respect to	the work performed, this airframe is approved for return to lile with Airtech of Ohio, LLC. under work order: LUK145-2306	service. Details of work per
	CRS# 5A8R960B	



AirTech, LLC 4765 Airport Road Cincinnati, OH 45226 CRS 5A8R960B FAA CRS 5A8R960B

8							
	RVSM A	ltimeter In	spection	Record	CFR 43 /	Appendix	(E
Date of inspe	ction: 2-7	-23		Work Order N	lumber: Lu	K145- 2:	3064
Customer Na				Aircraft "N" N	umber NS	2815	
Aircraft Make				Altimeter Posi	ition: Pr	imery	
Altimeter Mak			1	Altimeter Seri	al Number:	20613842	1
Encoder Make				Encoder Seria	al Number:	20613842	
AMM RVSM insp			Yes /(No/	No			
After Effect (T	clempce: 30 F	eet)	Beginning Altitude	968	Ending Altitude:	975	
Chetic Custom	Look Check	Unpressurized A			Pressurized A		1
System Leak T		(<100 Fee	at at 1K Feet above	field elevation)		(< 2% of MCPI	0)
System Leak I					Hysteresis		Encoder
:		ERROR	FRICT				
Altitude	Actual Error	the transfer of the second	Friction	Friction	At 50%,	Case Leak	Integration
Feet	Ascending	(+/- Feet)	Error (+/		40%	at 18K Feet	Test
	(+/- Feet)		Feet)	(+/- Feet)	Tolerance	Tolerance	Tolerance (+/
		1.			(+/- 75 Feet)		125) of
			personal region of		Desirable States	Feet)	Altimeter O
-1000	-10	+/- 20					0
0	-10	+/- 20	BANKS CONTRACTOR		Commence of the		0
500	-10	+/- 20	NAME OF TAXABLE PARTY.	+/- 70	100		ō
1000 1500	-20	+/- 25	No. of the last of	11-10	The State of the	Contract Contract	0
2000	-20	+/- 30	No. 2 of Squares in As	+/- 70		自己的直流	0
3000	-20	+/- 30		+/- 70	THE REAL PROPERTY.	行为是不能	0
4000	-20	+/- 35	東京の大学がある				0
. 5000	San	FRICTION ONLY	-	+/- 70	_	TOTAL CONTRACTOR	D
6000	-20	+/- 40	到居然			建筑建筑	0
8000	-20	+/- 60			120	国际公司	0
10000	-30	+/- 80	_	+/- 80	+20		0
12000	-30	+/- 90	\$200 M			型式逐步等	0
14000	-30	+/- 100	元至是改造				0
15000	斯索斯勒拉斯	FRICTION ONLY		+/- 90			0
16000	-30	+/- 110	企業的政治 企			生态与技术工作	0
18000	-30	+/- 120	語學的意思			0	0
20000	-40	+/- 130		+/- 100	_		0
22000		+/- 140	\$1225 A. 25 A. 12				
25000	_	+/- 155		+/- 120	The business of the later of th		
30000		+/- 180		+/- 140			
35000		+/- 205		+/- 160			1
40000		+/- 230		+/- 180			
45000	partitions of the state of	+/- 255	THE PARTY OF THE P	+/- 250	建筑社会		
50000	Rarom	+/- 280 etric Scale Erro	r (Tolerance 4	THE RESERVE TO A PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		Inspector	's Signature
Pressure	Altitude	Actual	Pressure	Altitude	Actual		1
(inches of Hg)		Reading	(inches of Hg)	Difference	Reading	1	1/
28.10	-1727	-1720	29.92	0	960		
28.50	-1340	-1340	30.50	531	530		Date
29.00	-863	- 860	30.90	893	840	7-7	
29.50	-392	-390	30.99	974	980	1	
Rev 3				and the second		Pro marie and	Form AT-12



RTECH LL	C. CRS # 5A8	R960B
64REGISTRATION#	N 928LE PI	OSITION Primar
ERROR	ALTITUDE	ERROR
-10	12000	-30
-0	14000	-30
-10	16000	- 30
-20	18000	-30
-20	20000	-40
-20	25000	
-20	30000	1 11 11 11 11 11
-20	35000	
-20	40000	
-20	45000	The second secon
-30	50000	<u> </u>
ALTIMETER CORE	RECTION CARD	REV 2
	ERROR	ERROR ALTITUDE -10 12000 -20 14000 -20 18000 -20 20000 -20 25000 -20 30000 -20 35000 -20 40000 -20 45000





AirTech, LLC 4765 Airport Road Cincinnati, OH 45226 CRS 5A8R960B FAA CRS 5A8R960B

	DVCMA	Himatar In	anastian	Dogged (CED 42 /	Appondiv	E
		ltimeter In	spection				
Date of inspe		7.23		Work Order N		KIUS- 230	64
Customer Na				Aircraft "N" No		28LE	
Aircraft Make	/ Model: (rus SRZZ		Altimeter Pos	tion: >+c	rd-By	
Altimeter Mal	ke/Model: G	I'min GIZT		Altimeter Seri		SM/2113	161
Encoder Mak	e/Model:			Encoder Seria	al Number:	120.00	
AMM RVSM inst	pections complie	d with?	Yes /No	No			
	olerance: 30 F	A- (-0.07)	Beginning Altitude	e: 968	Ending Altitude:	975	
		Unpressurized A	VC: ~ 9		Pressurized A	C: —	
System Leak		(<100 Fe	et at 1K Feet abov	e field elevation)		(< 2% of MCPI	0)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ERROR	FRICT	ATTERNATION OF GRANDOWN	Hysteresis	Case Leak	Encoder
2111				Friction	At 50%,	Case Leak	Integration
Altitude	Actual Error	PROVIDENCE CANDEL PRODUCTION OF THE PARTY OF	Friction		40%	at 18K Feet	Test
Feet	Ascending	(+/- Feet)	Error (+/-	The second secon		Tolerance	
	(+/- Feet)		Feet)	(+/- Feet)	Tolerance		Tolerance (
					(+/- 75 Feet)	A STATE OF THE PARTY OF THE PAR	125) of
4000		1	hereach chiannell		ESPECIAL AND MARKET	Feet)	Altimeter
-1000	-10	+/- 20					
0	-10	+/- 20	THE PROPERTY OF THE PARTY OF TH				-
500 1000	-10	+/- 20	学的计算等学机会	+/- 70	141212 20 20	No.	
1500	-10	+/- 20	PARTITION OF THE PARTY OF THE P	41-10			
2000	-1D	+/- 30	September 1	+/-70	THE STREET		
3000	-10	+/- 30		+/- 70		医 亚洲 医	
4000	-10	+/- 35	in payment	.,,-		749000	
. 5000	Market State			+/- 70			
6000	~ 10	+/- 40	对于公司			AT THE STATE OF	
8000	-10	+/- 60	TAXAS AN ENGINEERS		0		
10000	-10	+/- 80	STATE OF THE PARTY AND ADDRESS OF	+/- 80	0		
12000		+/- 90	国和设施 ,及2000年	1,7-00		E THE RESIDENCE	100
14000	-10	+/- 100	No. 10 Personal Control of the Contr			m 5 1 10 8 10 10	
15000		FRICTION ONLY	A TONE OF THE PARTY	. +/- 90		12700年1200	
16000	-20	+/- 110	和美術學(2)	,, 50			
18000	-20	+/- 120	3-10-10-10-10-10-10-10-10-10-10-10-10-10-			0	
20000	-20	+/- 130	Linding registration from \$10	+/- 100		经产品的 基础	
22000		+/- 140	A PER MINIST			10000000000000000000000000000000000000	
25000		+/- 155		+/- 120		是認識的	
30000	I so and the second of	+/- 180		+/- 140		是全国国	
35000		+/- 205		+/- 160		第二次	
40000		+/- 230		+/- 180		是我会还是	
45000		+/- 255	A 40 14 22 3-12		The second second		Contract to the contract of th
50000		+/- 280		+/- 250		国际	
	Barome	tric Scale Erro	r (Tolerance +	/-25 Feet)		Inspector	s Signature
Pressure	Altitude	Actual	Pressure	Altitude	Actual		4
(inches of Hg)	Difference	Reading	(inches of Hg)	Difference	Reading	1 4	
28.10	-1727	-1730	29.92	0	960	CY	
28.50	-1340	-1340	30.50	531	530		ate
29.00	-863	-860	30.90	893	340	2-7-	23
29.50	-392	-390	30.99	974	970		21200000
Rev 3			2			The second of	Form AT-12



WO# LUCI45-23	% 4 PREGISTRATION #	N828LE PI	OSITION Stans- By
ALTITUDE	ERROR	ALTITUDE	ERROR
-1000	-10	12000	-10
0	-10	14000	-10
500	-10	16000	-20
1000	-10	18000	-20
1500	-10	20000	-20
2000	~10	25000	
3000	710	30000	the state of the s
4000	-10	35000	
6000	-10	40000	and the second s
8000	-10	45000	A Control of the Cont
10000	-10	50000	the second secon
t-15	ALTIMETER CORP	REV 2	
r-15	IALTIMETER CORR	REV 2	





AirTech, LLC 4765 Airport Road Cincinnati, OH. 45226 FAA CRS SABR960B

RVSM Transponder Inspection Record CFR 43 Appendix F

Date of Inspection: 2-7-2023 Work Order: LUK145-23064

Customer Name: 5 fce 1 Aviation

Aircraft Make / Model: 替 Circus Sk 22

Aircraft "N" number: N 8286€

	Transpond	Make:			Make:				
	Make: Garmin								
	Model: Garmin GT \$3305			Model:			Model:		
	PIN: 011 - 00 779 - 03		P/N:			P/N:			
	S/N 89107256		S/N			S/N			
Frequency	The state of the s	Mhz			Mhz		Mhz		
SES # Wahm	PASS I FA	JL		PASS /	FAIL	P/	AS / FAIL		
SIS-AMERICAN	PASS / FA	IL		PASS /	FAIL	P	ASS / FAIL		
	-72.0	dbm			dbm		dbm		
All Sections and	0.0	dbm			dbm		dbm		
Recommendation	176.3	watts			watts		watts		
	ÆASS / FA	JL		PASS /	FAIL	Р	ASS / RAIL		
	FASS / FA	-		PASS /	ANL	Р	ASS / FAIL		
ident	PASS) FAIL		PASS / FALL		PASS / FAIL				
Prior Codes	PASS / FA		- 1-	PASS /	FAIL	P	ASS / FAIL		
Made Screens	PASE I FA		19000	PASS /		1	ASS / FAIL		
	0-00			N	1	N			

Date
2-7-23
Form AT-13

Rev 3 Form AT-13

