

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION—STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME
IN SERVICE

Airframe Annual · page 1 of 1

wo: WO_396



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

CIRRUS DESIGN CORP, SR22, S/N: 1452

January 19, 2024

N65TY
TACH: 1641.7

1. C/W Annual Inspection in accordance with FAR 43 Appendix D - using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). Next due:1/2025.
3. ELT Battery Due: 12/2025.
4. Airworthiness Directives Due: None at this time. Checked through Bi-Weekly 2024-01.
5. C/W MSB2X-32-19R3. Due every 100 hours.
6. Removed and replaced MLG Tubes and tires with new. Installed (2) P/N 156E66-4 - 15.00x6.0-6 6PLY tube tire, 160 mph, Installed (2) P/N 14076-002 - TUBE, 15X6.00-6.
7. Index fresh air knob, tighten two set screws. OPS tested good.
8. Applied new sealant/protective coating to horizontal upper tks panel strips.
9. C/W 500 hr.ENG MOUNT TORQUE.
10. Removed and replaced with new P/N 21063-001 Installed (2) P/N NP7-12T - BATT 2, Cirrus.
11. R/R lower LF/RH cowling seals w/ new.
12. C/W SB2X-27-18R2 Removed bungee.
13. Pressure pot the TKS system, all panels wetted out, preformed test W/ normal/ high setting OPs tested good. Installed P/N 15164-092B - 5/16" Ice Protection Seal Ring.

I certify that this AIRFRAME has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_396.

Jeff Pleiman A/P I/A 3304319

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

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

Airframe Logbook Entry
N65TY Cirrus SR22 S/N 1452
Work Order: CRS10696
February 11, 2025
Hobbs: 1688.3



I certify that the ADC's, standby altimeter, static air, altitude reporting and ATC transponder systems have been tested and inspected as required by FAR 91.411 & 91.413 and found in compliance with 14 CFR Part 43 Appendices E & F. Tested to 20,000 feet.

- ADC #1 Avidyne PFD 700-00083-000 S/N: M101704289
- ADC #2 Avidyne MFD 700-00083-000 S/N: M101704305
- STBY ALTIMETER United 5934D-3 S/N: 446126
- TRANSPONDER Avidyne AXP-322 PN 850-00222-000 S/N: 07550
- ALT ENCODER Avidyne PFD ADC PN 700-00083-000 S/N: M101704289

The aircraft and/or article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and found airworthy for return to service in respect to the work performed.

Thomas MacArthur Thomas MacArthur CRS# IGXR989E

AIR DATA COMPUTER #1 SCALE ERROR

HERITAGE AVIATION

FAA CRS# IGXR989E

Customer Name	Bessette Aviation LLC	
ADC Part #	Avidyne 700-00083-000	
ADC Serial #	M101704289	
Work Order #	CRS10696	Date: 2/10/2025
Aircraft Registration	N65TY	
Aircraft Serial #	SR22-1452	

ALTIMETER READINGS

Ft x 1000	FLY		Ft x 1000	FLY
-1.0	-1,000		14.0	14,000
0.0	0		16.0	16,000
0.5	500		18.0	18,000
1.0	1,000		20.0	20,000
1.5	1,500		22.0	X
2.0	2,000		25.0	X
3.0	3,000		30.0	X
4.0	4,000		35.0	X
6.0	6,000		40.0	X
8.0	8,000		45.0	X
10.0	10,000		50.0	X
12.0	12,000		53.0	X

**RECORD
-91.409**

OF INSPECTION—STATUS & DISCREPANCY LIST
OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

**T A G E
A T I O N**



GXR989E

Reporting and ATC transponder systems have been tested
found in compliance with 14 CFR Part 43 Appendices E & F.

9
05

S/N: 07550
S/N: M101704289

ed and inspected in accordance with current
urn to service in respect to the work performed.

Steve

CRS# IGXR989E

INSPECTION RECORD

F.A.R. 43.11-91.409

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

April 4, 2025
 Work Order: CRS10696
 N65TY Cirrus SR22 SN 1452
 Flight: 1688.0
Aircraft Log Entry
CRS # IGXR989E



- Complied with Cirrus SB2X-95-31R3 IAW accomplishment instructions 11. A thru AS. Removed CAPS parachute assembly p/n: 25574-004-REB s/n: 01873R1. Installed an inspected parachute assembly p/n: 25574-004 s/n: B1172R1 repack date of 10-28-2034 with serviceable line cutters p/n: 26707-001 DOM: 05/2023 (expire 05/2029). Removed kit, motor caps p/n: 29554-001 and assembly motor caps p/n: 29500-003 s/n's: 1281. Installed SR2X rocket ignitor upgrade, 3400# p/n: 70789-401 s/n: 0821 DOM: 12/19/2024, expires 12/19/2034 and kit, launch tube components, 3400 P/N: KIT-LAUNCHTUBE34.
- Performed #1 Battery Capacity check ref. Concorde RG series CMM doc. 5-0171. Capacity check good at this time.
- Performed Special Inspection: Next due 500 hours at 2,188.3 hours or 2 years on February 2027, whichever occurs first, inspected brushes, insulator and gear clutch assembly per manufacturer's approved Instructions For Continued Airworthiness.
- Removed and replaced MLG fairing well nuts with new P/N 50802-001 and 50803-001. Work performed IAW Cirrus SR22 AMM 32-10.
- Complied with SB 2X-05-02 Induction Duct Flapper Bolt Replacement
- Removed and replaced alternate air flapper assy with new P/N 15710-002 IAW Cirrus SR22 AMM 71-60.
- Removed old and installed new (qty6) NLG pucks P/N:13386-001, (qty 2) washers P/N:NAS1149F1690P, and bumper P/N:18380-001 ref. Cirrus SR22 AMM CH32-20. Prop ground clearance is now 10 1/4".
- Adjusted aileron cable tension IAW SR22 AMM 27-10.
- Adjusted elevator cable tensions IAW SR22 AMM 27-10

INSPECTION RECORD

F.A.R. 43.11-91.409

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

- Adjusted Pitch servo bridle cable IAW SR22 AMM 27-10
- Removed stuck R/H tow lug. Re-Installed ref. Cirrus SR22 AMM CH32-20.
- Installed Pilot and Co-Pilot "Grab Here" Placards ref Cirrus SR22 AMM CH11-30.
- Drained L/H and R/H fuel tanks. Performed System Test. Reports of LH, RH quantity with full tanks, starting at 0 and over 10 minutes, climbing to normal. With full 62 Ohm simulated, indicated fuel is 7.5 gal, drifting slowly to Full over 10 minutes, both LH, RH same.
Indicator removed for repair Cirrus PN 13557-001 SN 1486. Gauge repaired and reinstalled. Zero and full simulations set in gauge. LH, RH IB, OB fuel sender loop resistances checked. LH, RH fuel sending units removed for inspection and reinstalled in tanks, Ohms-checked and torqued. LH, RH gauge empties (with usable fuel) set. Tanks filled and LH, RH full set. Work referenced Cirrus SR22 AMM chap 28-40. No further faults found.
- Removed and replaced RH brake lining with new P/N 066-10500 IAW Cirrus SR22 AMM 32-42.
- Removed and replaced portable fire extinguisher with new P/N A344T S/N 1-37228820 IAW Cirrus SR22 AMM 26-20.
- Found cabin air mode selector knob loose. Tightened knob onto shaft linkage and lubricated shaft linkage. All work accomplished ref. Cirrus SR22 AMM CH21-60 and CH12-20. Control moves freely at this time.
- ELT Remote Switch Lithium Battery P/N:PX28L was changed 11/22/2019. Next change due 11/2027.
- Confirmed Intermittent Pilot Yoke PTT switch. Replaced Pilot yoke switch with NEW Cirrus PN 50339-001 (No SN), referencing Cirrus SR22 AMM chap 23-50 Audio Integrating, PTT Switch replacement. No further faults found.
- Replaced Pilot yoke switch with NEW Cirrus PN 50339-001 (No SN), referencing Cirrus SR22 AMM chap 23-50 Audio Integrating, PTT Switch replacement. No further faults found.
- Removed O2 system STC. Performed aircraft W&B ref. Cirrus SR22 AMM CH8-20. 337 submitted, W&B updated in POH
- CW AD 24-24-11 Power lever inspection – NA p/n not installed

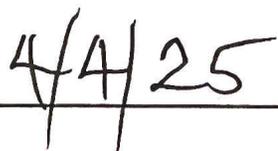
I certify that this Aircraft has been inspected in accordance with an Annual inspection IAW 14CFR 43 Appendix D and Cirrus Annual Checklist and was determined to be in airworthy condition. AD's checked/CW thru issue 2025-06

The Aircraft, Engine, Propeller and/or article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and found airworthy for return to service in respect to the work performed.



CRS# IGXR989E

Date



--	--	--

MAKE: Cirrus
MODEL: SR22
S/N: 1452
REG NO: 65TY
WORK ORDER: 23593



Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L
2701 Airport Avenue
Santa Monica, CA 90405 USA
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 10/22/2025
A/C TSN: 1759.4
HOBSB: 1759.4

Airframe Entries

Performed 50Hr Inspection & Service IAW Cirrus AMM 5-20. C/W Lubrication of Aircraft & Engine IAW Cirrus AMM 12-10 and Continental M-(xx) Manual. ---C/W Visual Inspection of Brakes & Replenish Brake Reservoir IAW Cirrus AMM 12-10. ---Replaced LH & RH Cabin Door Gas Struts w/New IAW Cirrus AMM 52-10. ---Installed New Non-Skid Tape to LH & RH Entry Steps. ---Stop Drilled Crack In LH Aft Engine Baffle & LH Fwd Engine Baffle to Prevent Crack From Spreading.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 10/22/2025

SIGNED:

Work Order: 23593

Kim Davidson
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)



OIL REPORT

LAB NUMBER: S309929 UNIT ID: N65TY
 REPORT DATE: 11/7/2025 CLIENT ID: 26620
 CODE: 1/436 PAYMENT: CC Online (Bulk)

UNIT	MAKE/MODEL: Continental IO-550-N27	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 71 Hours
	ADDITIONAL INFO: Cirrus SR22, S/N: 917692, 1452	

CLIENT	KIM DAVIDSON	PHONE: (310) 391-6293
	KIM DAVIDSON AVIATION	FAX:
	2701 AIRPORT AVE	ALT PHONE:
	SANTA MONICA, CA 90405	EMAIL: kimdaviation@aol.com

COMMENTS
 KIM: The water we noted last time didn't make a reappearance here, so it was probably just some harmless condensation that cleared out with the last oil change. Since there's no water, we were able to test the flashpoint and confirm no measurable fuel dilution is present. Nice! This was the longest run on the page, and it doesn't look like the engine had any trouble -- wear metals are all stable or a little lower than before, showing healthy wear for 71.4 hours. Lead (blow-by) also looks fine for the longer run. Keep up the great work with this IO-550.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	71	47	2	50	13	21	UNIVERSAL AVERAGES	
	MI/HR on Unit	1,759	1,688	1,642	1,642	1,633	1,616		
	Sample Date	10/20/2025	1/22/2025	1/19/2024	12/29/2023	2/20/2023	8/10/2022		
	Make Up Oil Added	7 qts			8 qts				
	UNIT / LOCATION AVERAGES								
	ALUMINUM	8	8	13	9	10	12	19	7
	CHROMIUM	8	6	10	5	5	9	10	7
	IRON	92	43	101	59	65	92	125	43
	COPPER	5	4	5	3	3	4	5	5
	LEAD	6502	3975	4601	1941	1953	3073	3481	5010
	TIN	1	1	2	1	2	1	1	1
	MOLYBDENUM	3	2	4	3	3	4	5	3
	NICKEL	10	8	13	6	7	14	12	10
	MANGANESE	1	0	1	1	1	1	1	1
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0	0
	POTASSIUM	0	1	3	0	0	0	0	1
	BORON	1	1	1	1	0	1	3	1
	SILICON	4	6	5	4	4	6	7	6
	SODIUM	2	2	4	2	2	2	2	2
	CALCIUM	7	58	22	124	125	136	102	46
	MAGNESIUM	0	1	0	1	1	1	1	1
	PHOSPHORUS	8	239	21	133	130	115	63	323
	ZINC	2	5	3	5	5	3	4	4
	BARIIUM	0	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	94.5	86-105	89.0	91.3	90.4	91.0	89.5
	cSt Viscosity @ 100°C	19.06	17.0-21.8	17.74	18.30	18.07	18.21	17.87
	Flashpoint in °F	495	>430	BOIL	460	480	465	490
	Fuel %	<0.5	<1.0	-	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	-	-	-	-	-	-	-
	Water %	0.0	0.0	POS	0.0	0.0	0.0	0.0
	Insolubles %	0.5	<0.6	0.2	0.3	0.4	0.5	0.3
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com



HERITAGE

AVIATION

AN EMPLOYEE OWNED COMPANY

CRSIGXR989E 228 Aviation Avenue
South Burlington, VT 05403
Phone: (877) 326-5288
145 Repair Station: CRSIGXR989E

Date: 04-10-2025
Reg. No.: N65TY (2005 Cirrus SR22)
A/C Serial: 1452
A/C TT:
A/C Tach:

Bill to: Bregovlieger LLC, Bessette Aviation LLC
marc@digitallore.com, mark@bessetteaviation.com
Terms: Due Upon Receipt

Item: 1-Customer Requested

Discrepancy

Oxygen System Reinstallation - Heritage Aviation agrees to reinstall the oxygen system STC that was removed from N65TY, Aircraft S/N 1452. The installation labor and parts up to \$500 will be at the expense of Heritage Aviation. Oxygen bottle overhaul or replacement cost will be at the customer's expense. This agreement is valid for 3 years, expiring May 1st, 2028.

Hours	Subtotal
N/C	\$0.00

Item Summary	Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Item Subtotal: \$0.00
--------------	---------------	---------------	------------------	-----------------------