

The Standard AIRCRAFT LOG

Aircraft Record General Information	n
1055NA	Madel 172
Manufacturer	Registration Number N 3 9 635
Serial ————————————————————————————————————	
ingle) currently installed:	
Engine(s) continuenta Mode	el <u>0-300-D</u> Serial <u>28-44-3030</u>
Manufacturer Mode	el Serial
Propeller(s) currently installed:	
Manufacturer	Model
HUB Model Seria	alSerial
	al Serial Serial
Blade ModelSeria	al Serial Serial

DATE	TOTAL TIME IN	Current Weight and Balance Information							
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DATE	TOTAL TIME IN	Current Weight	and Balance Info	ormation	
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				TO BE IN	AIRWORTHY CONDITION
				SIGNED:	
					+A 33722/2/9
		1			

Airframe Maintenance Entry N6930V

Date: 09/18/2012

TACH: 1215.13

1. REMOVED #G-25 BATTERY S/N: G02449987 AND INSTALLED G-25, S/N: G02728653 AND OPS CHECKED CHARGING SYSTEM.

Michael S. Lawson
Signature:

Page 1 of 1

_ Certificate No.<u>AP305723533IA</u>

Wings Aviation Inc 4601 Murvihill Rd. Valparaiso IN 46383 219-462-6622 wingsaviationvpz.com

1993

DATE 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/4/13		100	m.	uipectur for anuell. Work done in accorder
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	SLTE	ue ~	3-15	
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				THIS GALLA" HAS BEEN INSPECTED IN ACCORDANCE
				TO BE IN AIRWORTHY CONDITION.
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				MCATIONES PARTITIONS
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				© ASA 1993

9	8 :24	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Testility. (See back pages for other specific entries.)
- Magnetides			1	00 h	Inspection for annual.
	lu	acco	lane	ecui	& Cesam Manual and Part
	Ga	eches.	Eng	enge	W. An Fist in arch man
Manner Presidente	17		NINGS I	LIN SERVICE	W. An Fist in aref manual Ely
		i Detail	H ACCOM IAS OCTUR STAG	9-24-14	1.1. IN SERVICE 2498:60
		10000000000000000000000000000000000000	AD'S C	HECKED THR	INSPECTION AND WAS DETERMINED
			TO BE	1	CONDITION.
			NUMBE	AND ADDRESS OF THE PARTY OF THE	F# 357.221-19
S/	© ASA 1993	ings)	î		

N3963S 12-15-2014 Aircraft Hobbs 1221.7 Tach 1222.04 Removed aircraft battery and cleaned. Checked electrolyte and added distilled water. Charged battery and cleaned battery box. Installed battery and completed run-up. - Charging system checked OK. Maintenance conducted IAW with Cessna 100 Series MM. AP 3473594 Thomas Stose Thulk Store

N3963S 07-02-2015

Aircraft Hobbs 1222.8

Tach 1223.05

Removed six sparkplugs and replaced with new Champion REM-40 sparkplugs IAW Cessna Service Manual D637-13 and Continental SILO3-2C. Drained oil and replace with 7 quarts Phillips X/C 20W50 oil. Installed new MERL BP-1010 Battery Pack — 2 year, replace 06-2017, Run-up completed and systems checked OK without leaks. END

AP 3473594 Thomas Stose M. O. Store 8

N3963S 09-25-2015

Aircraft Hobbs 1223.5

Tach 1223.20

Replaced aircraft battery with new serviced and charged Gil 25 12 volt battery following Teledyne instructions. Checked and corrected aircraft tires pressure. Installed two wheel pants attachment bolts AN-6-6A & washers AN936B616 IAW Cessna Service Manual D637-13. A Run-up completed and all systems checked OK. This aircraft has been inspected and determined to be airworthy condition for a ferry flight to CKB. END AP 3473594 Thomas Stose The Contraction of the Cont

	Description of Incompation of							
DATE 20/4 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)				
10-1-14	1224.59		1225.6	Remoded and Roplaced Robating Beacon Place				
				Operational Check good. Mithal 20. A+P 2846703				
10-1-14	1224.59		1225.6	Wagned alreraft removed all ocross pand				
				inspected and lubed all flight controls ! leaned Inspected and lubed whool bearings. Personned ELT check SAW				
				(Th-91:207d) (heck good Elt battern neat due 06/2017				
				Manuel Asis checked thru this date. Post natherance				
				Operational and leaks checks pertarmed No defects				
© ASA 1993				Noted. Next Page				

DATE 19— 2014	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	122459		1225.6	I certify that this aircraft has been inspected
				I certify that this aircraft has been inspected in accordanance with Annual inspection providures and was determined to be in airworthy condition Annual ED The APRING 103 THE
224				Anhol E In A.P. 184670374
2018 3-14-20	4 1224.	85	1225.9	Replaced aircraft battery with New,
				Replaced aircraft battery with New, Serviced and Charged Gill 25 12 v battery following Teledyne Instructions Report Styl
				A+P3403672
				© ASA 1993



Baltimore Flight Standards District Office 890 Airport Park Rd. Suite 101 Suite 10. Glen Burnie, Maryland 21061 (410) 787-0040, Fax: (4₁₀) 787-8708

FAX - SPECIAL FLIGHT PERMIT

This permit is for the following aircraft for the purpose of (out of annual)

REG. NO.

MAKE:

MODEL:

SERIAL NO: 17251163

N3963S

Cessna

172

FROM:

TO:

VIA:

MRB

CKB

Direct

This authorization must be displayed in the aircraft in accordance with 14 CFR §91.203(b). The aircraft shall be operated in accordance with the applicable operating limitations or FAA Approved Flight Manual and the following limitations.

This authorization expires upon arrival at destination or 10/12/2015.

These Operating Limitations are a part of the Special Flight Permit issued to the aircraft described above. Flight crew members must be properly certificated and rated in accordance with 14 CFR Part 61.

- The flight shall be made by the most direct and expeditious route under <u>Day / VFR</u>, conditions and consistent with the aircraft operating limitations and weather.
- 2. Occupancy of the aircraft is limited to the pilot and personnel required to operate the aircraft and its equipment and personal baggage.
- 3. Flight over congested areas is prohibited, and takeoffs and landings shall be conducted to avoid congested areas in the vicinity of any of the airports used in conjunction with this authorization. Flight over a foreign country must have special permission from that country.
 - 4. Prior to flight, the aircraft must be inspected by a certificated mechanic or repair station to determine the aircraft is safe for the intended flight. The result of that inspection will be entered in the permanent aircraft records with the following similarly worded statement: "This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 10/02/2015."
 - 5. Operation of this aircraft is subject to the approval of the registered owner. The aircraft must display U.S. registration identification marks and have a registration certificate issued to its owner on board. This permit is valid for one flight only (Direct) with necessary fuel stops. (Enter "Direct" if VFR or per IFR flight Plan if filed
 - 6. Any Airworthiness Directive pertinent to this make and model of aircraft that precludes operation for a Ferry Flight must be complied with before the Ferry Flight is initiated.

Additional Limitations:

Karl Tubbs

Aviation Safety Inspector

Date issued: 10/02/2015

October 18, 2019

I find that the aircraft (N3963S) meets the requirements for the certification requested and have issued a standard airworthiness certificate dated 07 January 1964. The next inspection was due 10/31/2017

John W. Osborne, AFG-20-EA-09 (Charleston FSDO)

19

This aircraft has been inspected and found to be in an airworthy condition for a one time, single pilot ferry flight to 4G7. Ih ICCOVAGNCE WITH SPECIAL

Flish Pornit Dotod Oct 18 2019

Richard Goff

A+P 3803572



DATE: 20 JUN 2021

REG#: N3963S AC SN: 17251163

AC TACH TIME: 1226.00

ACTT: 2295.59

Performed 100hr inspection IAW CFR 43 Appendix (D). Complied with AD 11-10-09 Seat track wear and pin engagement. No defects noted at -this time. Next due: 1326.00 TACH or JUN 2022. Rebuilt fuel selector valve. Installed Stratus Tool Technologies Oil filter adapter IAW STC# SE8409SW. FAA form 337 submitted on this date. Installed Bracket Aero filters Inc BA-5110 Air filter IAW STC # SA71GL FAA form 337 submitted on this date. Installed new BA-6108 Induction air filter. Installed Hartzell Engine Technologies Generator to Alternator conversion IAW STC# SA10921SC. Alternator PN: 15-014 SN:H-U012275 WO# M85734 Regulator PN: R1224B SN: H-U011690 WO# M851990. Updated weight and balance. FAA form 337 form submitted on this date. Installed tailpipe extension PN: K10172-013-2 SN: 276035 WO# P97533. Installed new brake linings PN: RA066-10500 QTY: 4. Installed new intake hoses PN: 22800 QTY: 6. Replaced Vacuum filter PN: ARB-3-5-1. Cleaned and rotated spark plugs. Cleaned and re-packed NLG tire and MLG tires bearings. Serviced tires and brake master cylinders. Lubricated flight controls and pulleys. Ground operational check good. AD researched thru 06-2021. This Aircraft has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.

Signature: Asl Muldu

Certificate:

0661

Date: 20

have inspected Narco ELT10 ELT SN: 35900 ELT system in this Aircraft according to applicable Aircraft and ELT manufactures instructions and applicable FAA guidance and found that it SDSIL meets the requirements of FAR 91.207(d). ELT Expiration date: JUL 2021 (Althouse Certificate: 4P306614CT) Date: 20 JUN 2021

Transponder check overdue: VFR flight only in areas not required to have transponder

wo: LUK145-22113



Airtech of Ohio, LLC. · 500 Wilmer Avenue · CINCINNATI, Ohio 45226 · CRS#: 5A8R960B

N3963S

CESSNA, 172E, S/N: 17251163

August 31, 2023

ACTT: 1229.01

- 2. Installed seat tracks IAW Cessna model 172 AMM 19-2 Installed P/N CS3204 B1/2 SEALANT B1/2, Installed (6) P/N S4213-14 CLIP NUT.
- 3. Found Attach Bolt Bent and bushings worn beyond repair. Removed and replaced bolt and bushings with new Ref C172 service manual section 5-25. Installed P/N Purchase Order Shipping Fee, Installed P/N 0743009-1 SPACER, Installed P/N AN5-51A BOLT, Installed (25) P/N MS21042L5 NUT, Installed P/N Purchase Order Shipping Fee, Installed P/N 0743009-1 SPACER, Installed (10) P/N AN4-26A Bolt.
- 4. Replaced nut plates on Fwd side of fire wall for engine cowl mounting IAW Cessna model 100 series Amm 12-78. Installed (100) P/N CR3213-4-2 RIVET, Installed (100) P/N MS21059-3 NUTPLATE.
- 5. INSTALLED DOOR SEALS TO LH AND RH DOORS IAW PROVIDED INSTRUCTIONS BY AIR-CRAFT DOOR SEALS, LLC Installed (2) P/N 05-03621 DOOR SEAL.
- INSTALLED NEW HARDWARE AT LH AND RH WING TO FUSELAGE IAW CESSNA 172E AMM SEC.18 PG.18-3. Installed (50) P/N S1021Z8-6 - SCREW, Installed (20) P/N MS20500-1032 - nut, Installed (100) P/N S1021Z10-8 - SCREW, I

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- 7. REPLACED ENGINE BAFFLE SEALS IAW AC43.13B SECTION 4 AND STANDARD PRACTICES Installed (2) P/N 05-00795 SILICONE, Installed (100) P/N 05-00134 RIVET, Installed (150) P/N 05-56130 RIVET WASHERS.
- 8. FOUND ONE EXHAUST CLAMP CRACKED OUT, AND ALL EXHAUST CLAMP HARDWARE CORRODED PAST USABLE LIMITS. IAW CE172 12A-62 Installed P/N A0550176-59 MUFFLER S/N: 226799, Installed (25) P/N AN3-4A Bolt.
- 9. Installed new roll pin and washer into seat lock pin IAW Cessna model 172 AMM 3-26 Installed (10) P/N NAS561-2-12 PIN.
- Located and Installed Seat Track IAW C172 Service Manual 3-23 Installed P/N MC0511240-4 SEAT RAIL Rev/Lot: 6571B, Installed (10) P/N P580047 - EXTRUSION.
- 11. Removed old muffler stacks, and installed new LH and RH muffler stacks due to corrosion damage IAW CE172 12A-62 Installed P/N A0550176-59 MUFFLER S/N: 220866, Installed (3) P/N 0550176-50 CLAMP HALF, Installed P/N A0550176-59 MUFFLER.
- 12. Replaced 4 aft rudder pulleys with new, cable tensions checked good IAW Cessna 100 series Service manual section 10-4. Installed (5) P/N S378-3L PULLEY, Installed (2) P/N MS21042L4 NUT, Installed (4) P/N AN4-4A BOLT.
- 13. Removed and replaced cracked aft elevator pulley with new, elevator cable tensions checked good, IAW Cessna 100 series service manual section 8-4 figure 8-2. Installed (3) P/N MS21042L4 NUT.



18. T/S system found vacuum pump splines cracked. Removed and replaced vacuum with an over-hauled unit IAW CE 100 series service manual section 16-18. Ops ck bad. Further troubleshooting found kinked line behind the compass. Re-routed line properly IAW section 16-25. Ground ran air-craft. Vacuum system ops ck good. Removed P/N G455 - Vacuum Pump S/N: 56515, Installed P/N G455 - Vacuum Pump (OVERHAULED) S/N: 1917.

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, LUX145-22113.

Chris Busemeyer CRS# 5A8R960B

19-



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- 14. Disconnected all carburetor cables and removed carb/airbox from the engine. Disconnected airbox from carburetor and removed the bowl of the carburetor to inspect. Removed float, needle valve, and plunger to clean, after removing water deposits and gunk, found to be satisfactory at this time. Re-assembled carburetor, and re-connected carb box. Installed assembly back onto engine and re-routed/re-rigged all cables all IAW 63-68 CE100 series MM 12-12, IAW PRECISION AIRMOTIVE CORPORATION AIRCRAFT CARBURETOR SERVICE MANUAL FSM-OH1.
- 15. Jacked aircraft,removed LMLG wheel assly,disassembled,cleaned,inspected,found to be satisfactory at this time. Replaced tire with a new unit using existing tube. Reinstalled to aircraft and serviced tire pressure as required IAW ce172 service manual Section 5. Down jacked LMLG. Removed P/N 30844 TIRE (UNSERVICEABLE) S/N: B3E45000, Reinstalled P/N 070-314-0 6.00 X 6 TIRE S/N: 1096T00425.
- 16. Found aircraft heat control cable INOP. Removed Old Cable and Reinstalled New Cable IAW CE172 Service Manual 12A-55 and 12-60A. Operation Normal. Installed P/N Purchase Order Shipping Fee, Installed P/N S1224-4 MCFARLANE MCS1224-4 CONTROL, CARB HEAT, Installed P/N S1601-36 CLAMP, Installed P/N S1601-36 CLAMP.
- 17. Removed and replaced LH exhaust stack clamp IAW CE 100 series AMM 12-20 Installed P/N AN4-26A Bolt.



N3963S

CESSNA, 172E, S/N: 17251163

November 15, 2023

ACTT: 1229.01

HOBBS: 1239.3

- 1. Performed Annual Inspection per Cessna 100 series service manual Annual Checklist D637-1-13 Installed P/N 08-00931 OIL ANALYSIS, Installed (11) P/N 07-00877 Spark Plug Gasket, Installed P/N AA48108-2 OIL FILTER S/N: n/a, Installed (8) P/N W15W-50 Aeroshell OIL, Installed (2) P/N MS16624-1037-(10 PACK) SNAP RINGS, Installed P/N Purchase Order Shipping Fee.
- 2. Reinstalled Radios and Racks. Installed Com and Nav Antenna. Re-installed Left side instrument panel and instruments. All work accomplished IAW CE 100 series service manual section 16-23. Installed (10) P/N 0413613-1-279 PANEL NUT, Installed (10) P/N MS33737-9C MOUNTING NUT, Installed P/N Purchase Order Shipping Fee, Installed P/N 7000-C92N2 VERTICAL SPEED INDICATOR (OVERHAULED) S/N: F1586, Installed P/N Purchase Order Shipping Fee, Installed (10) P/N 11-01802 BNC CONNECTOR, Installed P/N 04-04114 PLUG, Installed (2) P/N 11-17577 DEKLIN BNC TRAY ADAPTER WITH SNAP RING, Installed P/N Purchase Order Shipping Fee, Installed P/N 6LD37 GRAINGER APPROVED Retaining Ring Assortment: External, Steel, Phosphate, 273 Pieces, 21 Sizes, Installed P/N Purchase Order Shipping Fee.
- 3. Removed aircraft interior for annual inspection IAW Cessna 100 series service manual section 3.
- Re-installed aircraft interior after annual inspection IAW Cessna 100 series service manual section
 Re-installed aircraft interior after annual inspection IAW Cessna 100 series service manual section



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: LUK145-23200.

Chris Busemeyer CRS# 5A8R960B _

wo: LUK145-23345



Airtech of Ohio, LLC. · 500 Wilmer Avenue · CINCINNATI, Ohio 45226 · CRS#: 5A8R960B

N3963S

ACTT: 1229.01

CESSNA, 172E, S/N: 17251163

HOBBS: 1239.3

Installed new Registration Card in aircraft. Expires May 2029.

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: LUK145-23345.

Chris Busemeyer CRS# 5A8R960B

January 31, 2024



N3963S

CESSNA, 172E, S/N: 17251163

March 12, 2024

11

ACTT: 1229.01

HOBBS: 1239.3

- Removed vacuum pump to investigate leak. Determined gasket to be worn and in need of replacement. Installed new gasket, and ground ran engine for leak and ops check. Leak/ops check good at this time. Ref 1963-68 c100 series service manual section 16-30.
- 2. Determined ring terminal on CHT gauge to be seperated from wiring. Repaired ring terminal and reinstalled gauge. Ops check good, Ref 1963-68 c100 series service manual section 16-38.
- Removed fuel strainer from firewall to assess leak. Determined mineral buildup to be clogging the strainer downpipe preventing strainer from closing. Cleaned strainer bowl and all affiliated piping and screens, reinstalled, leak check good at this time, Ref 1963-68 c100 series service manual section 13-24.
- 4. Determined RH tank fuel quantity transmitter to be bad. parts on order 1 Feb. Aircraft requires test flight. Test flight will be performed with a known quantity of fuel in RH tank.
- 5. Installed serviceable uAvionix Tail Beacon to meet ADS-B out requirement under the uAvionics STC SA04427CH with STC Permission letter dated September 13, 2019. All work performed in accordance with the uAvionix tailBeacon STC Installation Manual PN: UAV-1002514-001 Rev. C and AC 43-13.2B, Chapter 1. Completed and filed 337's for ADS-B installation. The installed ADS-B OUT



system was shown to meet the equipment performance requirements of 14 CFR section 91.227. Reinstalled P/N 11-17246 - UAVIONIX TAILBEACON TSO NAV LIGHT ADS-B OUT FOR CERTIFIED AIRCRAFT S/N: 2005160.

6. Complied with annual inspection checklist. Compression numbers are as follows: #1 70/80. #2 75/80. #3 70/80. #4 75/80. #5 70/80. #6 65/80. No discrepancies noted. Installed P/N AA48108-2 - OIL FILTER, Installed (4) P/N W15W-50 - Aeroshell OIL, Installed (4) P/N W15W-50 - Aeroshell OIL. With respect to the work performed, this airframe is approved for return to service. Details of work per- formed are on file with Airtech of Ohio, LLC. under work order: LUK145-24026.

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: LUK145-24025.

Mark Davis CRS# 5A8R960B