

Date: 3/1/2021 Hours: TT 834.5 TTAF 834.5 Name: Marty J. King
Date: 3/20/2020 Hours: Hobbs 792.4 TTAF 1162.2 Name: Marty J. King
ACFT: TT/HR Carry Over
Aircraft Maintenance Record
Date/Tach
Make: Siglar Model: Cozy MK IV Certification # [REDACTED] A&P/IA
Tail # N1361S Serial: 0074 Signature: [REDACTED]

Comments:

Form ZA-LSR

Annual condition inspection using Cozy checklist and AC43-13 Appendix D
No AD's listed for type.
ELT inspection and function test in accordance with FAR 91.207(d) next due 3/2022
ELT batteries to next be replaced by 3/2022 D style Duracell 10 year shelf life. 50% would be a 5 year battery life.
ELT model ACK E-01 SN 023884
Opened access panels and interior.
Troubleshoot electrical power issue. Traced to main avionics breaker switch located in main center panel. Replaced breaker with new Breaker Switch.
Circuit Breaker Switch W31X2M1G15 15 AMP
Removed main wheels, cleaned bearings and repacked with Aeroshell #5 grease.
Replaced RH brake disc with a new part Rapco RA164-08500 Brake Disc and 2 new brake pads Cleveland 66-10500 Linings
Resealed Left hand brake caliper. Cleaned caliper pins and lubricated with Lubraplate.
Drain fuel, hoist a/c, remove gear leg assembly, inspect bushings, studs.
Removed all 4 gear bushings which were worn and allowing the entire gear assembly to move cross ways almost 7/16".
Installed new gear bushings, fore and aft as supplied by the owner.
Reinstall main landing gear leg assembly with new bushings and new through studs.
Install main gear cradle
Bleed brake
Replaced both L&R Quick Drains. Curtis Drain valve CCA-1550
Remove baffling as required, prop, flywheel, and alternator belt. Remove alternator and alternator mounting brackets. Remove ignition pickup to remove mounting bolt for tension arm, replace arm with new, torque, and safety wire bolt. Reinstall ignition pickup and bracket. Install new alternator mounting bracket and temp install alternator, belt, and flywheel.
Re shape baffling around alternator to fit new alternator and brackets by cutting away baffling as required. Test for baffling and rivet silicone baffle seal to baffling as required to seal around alternator
Baffling below alternator broken and missing pieces-made patch from .025 aluminum and drill holes for mounting in place and securing baffle seal
Install new alternator mounting bracket and temp install alternator, belt, and flywheel. B&C L-40 Alternator with Installation Kit, SN 2E00H9X39
Remove old voltage regulator and connector, remove old field wire between regulator and alternator. Remove battery from tray, drill one extra hole in firewall and mount new regulator to firewall using one existing, and one new hole, B&C BC201-1 Regulator 14V SN2H00J6U04D. Put Battery on charger.
Troubleshoot new voltage regulator, wire in regulator, remove old field wire between regulator and alternator. Run new field wire and secure.
Installed new alternator belt 7360 Gates V-Belt
Starter coming apart—remove baffling as required and remove starter. Clean and inspect Starter found motor to gear box had worked loose and increase hole size from a #8 to a #10 or larger. Remove starter and install new replacement and made baffle seal around starter. B&C Specialty BCS206-149-12 starter SN 2A0060X40
Epoxy repair both lower rudder horns Epoxy holes in prop, Lubricate RH rudder system and work to get it to return to neutral. Replaced nose gear pivot bolt nut to correct one.
Sand down epoxy repairs and paint. Button up airframe
Install flywheel/prop. Adjust and tighten alternator. Install interior parts
Lubricated controls and pulleys.
Re-solder fuel filter housing drain fitting
Test run, leak check engine, ops check alternator
Aircraft test flown by the owner.

I certify that this Airframe has been inspected on 3/1/2021 in accordance with the scope and detail of Appendix D of CFR 14- Part 43 and has been found in a condition for safe operation.

SIGNATURE: [REDACTED] A&P/IA
Marty J King

King Aero Aviation Services

[REDACTED] Elkhart, IN 46514 EKM

[REDACTED] Rochester, IN 46975

END

Engine

2020
Date/Tach

Engine Maintenance Record

Engine
TSMO

Engine
TT/HR

Aircraft
TT/HR

11/4/21 833.8 - tighten alt. belt - retorquing prop extension to 55 lb. [redacted] 271 Rich H. 833.8 1203.8

Date: 3/1/2021 Hours: TT 834.5 SMOH 276.2 Name: Marty J. King
Make: Lycoming Model: O-360-EXP Certification #: [redacted] A&P/IA
Tail #: N1361S Serial: L-54149-13E Signature: [redacted]

Comments: Form ZA-LSR

TTE: 834.5
Annual condition inspection using Cozy inspection checklist and part 43 appendix D.
Compression #1 79/80 #2 78/80 #3 78/80 #4 79/80
Drained oil, took sample for Blackstone. Changed oil added 7 qts Aeroshell 15W50 and filter Champion 48109-1. Blackstone oil report is in the aircraft's records
Cleaned, gapped and tested spark plugs. Replaced 1 REM 37BY that failed spark test. Belongs to Cylinder #3 top.
Oil leak at block off plate where ignition coil pack mounted—remove coil pack, remove block off plate, remove old gasket. Clean sealing area on accessory case and block off plate, install new gasket, reinstall block off plate, reinstall coil packs. 1-Lycoming 62224 Mag Gasket
Checked magneto timing @ 25 degrees.
Checked throttle body fuel screen, no contamination found.
Checked and replaced fuel strainer filter PN Wix 33900R Fuel Filter.
Remove baffling as required, prop, flywheel, and alternator belt. Remove alternator and alternator mounting brackets. Remove ignition pickup to remove mounting bolt for tension arm, replace arm with new, torque, and safety wire bolt. Reinstall ignition pickup and bracket. Install new alternator mounting bracket and temp install alternator, belt, and flywheel. Re shape baffling around alternator to fit new alternator and brackets by cutting away baffling as required. Test for baffling and rivet silicone baffle seal to baffling as required to seal around alternator.
Baffling below alternator broken And missing pieces-make patch from .025 aluminum and drill holes for mounting in place and securing baffle seal
Install new alternator mounting bracket and install alternator, Installed new alternator belt 7360 Gates V-Belt, and flywheel. B&C L-40 Alternator with Installation Kit, SN 2E00H9X39
Remove old voltage regulator and connector, remove old field wire between regulator and alternator. Remove battery from tray, drill one extra hole in firewall and mount new regulator to firewall using one existing, and one new hole, B&C BC201-1 Regulator 14V SN2H00J6U04D. Put Battery on charger.
Troubleshoot new voltage regulator, wire in regulator, remove old field wire between regulator and alternator. Run new field wire and secure.
Starter coming apart—remove baffling as required and remove starter. Clean and inspect Starter found motor to gear box had worked loose and increase hole size from a #8 to a #10 or larger. Remove starter and install new replacement and made baffle seal around starter. B&C Specialty BCS206-149-12 starter SN 2A0060X40
Reposition starter power cable chaffing fuel pump
Engine test run by owner.

Different
Compress

N

I certify that this Engine has been inspected on 3/1/2021 in accordance with the scope and detail of Appendix D of CFR 14- Part 43 and has been found in a condition for safe operation.

SIGNATURE [redacted] A&P/IA
Marty J King
King Aero Aviation Services [redacted] Bldg 2B Elkhart, IN 46514 EKM [redacted] Rochester, IN 46975
END

Pour des résultats garantis, utilisez seulement les produits de marque Avery.
s'applique seulement aux feuilles d'enquêtes qui ont été imprimées dans l'imprimante Avery.

Date: 12/12/2019 Hours: H790.4 SPOH 29.8 Name: Marty J. King
Make: Hertzler Model: Silver Bullet 66X78 Certification # [REDACTED]
Tail # N1361S Serial: P-582 Signature: [REDACTED]

Comments:

I certify that this propeller has been inspected on 12/12/2019 in accordance with the scope and detail of Appendix D of CFR 14- Part 43 and has been found in a condition for safe operation.

Form ZA-LSR

SIGNATURE [REDACTED] Marty J King A&P/IA

King Aero Aviation Services

[REDACTED] Elkhart, IN 46514 EKM

[REDACTED] Rochester, IN 46975

END

Date/T:

Date: 3/1/2021 Hours: TT 834.5 SPOH 73.9 Name: Marty J. King
Make: Hertzler Model: Silver Bullet 66X78 Certification # [REDACTED] A&P/IA
Tail # N1361S Serial: P-582 Signature: [REDACTED]

Comments:

Filled several gouges in blade back face with structural Epoxy. No nicks in leading edges.

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I certify that this Propeller has been inspected on 3/1/2021 in accordance with the scope and detail of Appendix D of CFR 14- Part 43 and has been found in a condition for safe operation.

SIGNATURE [REDACTED] Marty J King A&P/IA

King Aero Aviation Services

[REDACTED] Elkhart, IN 46514 EKM

[REDACTED] Rochester, IN 46975

END

N _____

Page No. _____

Total Time

Autopilot

AVIONICS

Wt. & Bal.