
Discrepancy Action Report - W/O: 201331 - Bill O'Connor (N818GM)
Current A/C TT: 1330.0, Hobbs: 1330
S/N: 0256

Item #1 - Recommended (Inspected By: Melendez, Edwin)

(Pre-Buy) Preliminary Inspection
Record aircraft times.
Fill out zone diagram to show cosmetic defects of how plane is received.
Perform visual inspection to look for obvious defects.
Tape wing walk with protective plastic.
Completed preliminary safety inspection. Hobbs: (1330.0).

Item #2 - Recommended (Inspected By: Johnson, Jacob)

Pre-buy inspection
Performed pre buy inspection

Item #3 - Recommended (Inspected By: Melendez, Edwin)

Check cylinder compressions.
The cylinder compression was checked with the following results: #1, 68/80 #2, 66/80 #3, 68/80 #4, 68/80 #5, 72/80 #6, 62/80 psi. Master orifice 47/80

Item #4 - Airworthy Airframe (Inspected By: Sammons, Robert)

Several well nuts are spinning and one is missing.
Replaced missing wellnut with P/N: 50802-001, and re-glued spinning well nuts. IAW Cirrus SR22 AMM 32-10

Item #5 - Airworthy Airframe (Inspected By: Melendez, Edwin)

Nose wheel fairing support bracket on the right side is loose.
Tightened right nose fairing bracket

Item #6 - Airworthy Airframe (Inspected By: Melendez, Edwin)

Fire extinguisher at the low end of weight tolerance at 17.7oz.
Remounted fire extinguisher bracket and installed bottle

Item #7 - Airworthy Airframe (Inspected By: Sammons, Robert)

Fuel caps failed resistance check. Need to clean and check ground points
Tightened grounding clamps on both LH RH Wings. resistance now shows 40 OHMS on the left and 60 OHMS on the right. IAW Cirrus SR22 AMM 28-10

Item #8 - Customer Declined (Inspected By: Johnson, Jacob)

Horizontal stabilizer on the left side top has a large paint chip.No maintenance is required at this time.
Customer declined any corrective action at this time. This item does not effect the airworthiness of the aircraft.

Item #9 - Airworthy Airframe (Inspected By: Melendez, Edwin)

Left hand aft window on the front lower corner is disbonding. Need to rebond loose areas.
Rebonded left hand aft window front lower corner as needed

Item #10 - Customer Declined (Inspected By: Johnson, Jacob)

Both door struts are weak.
Parts not available at this time. This item does not effect the airworthiness of the aircraft.

Item #11 - Customer Declined (Inspected By: Johnson, Jacob)

Pilot cup holder is broken.
Parts not available at this time. This item does not effect the airworthiness of the aircraft.

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Item #12 - Customer Declined (Inspected By: Johnson, Jacob)

No hand mic.

Parts not available at this time. This item does not effect the airworthiness of the aircraft.

Item #13 - Recommended (Inspected By: Melendez, Edwin)

VOR grommets need to be replaced.

Installed new VOR grommets P/N MS35489-135

Item #14 - Airworthy Engine (Inspected By: Melendez, Edwin)

#1 cylinder base o-ring is seeping.

Replaced #1 cylinder base o-ring P/N 641066 IAW TCM IO-550-N MM CH17-3

Item #15 - Airworthy Airframe (Inspected By: Sammons, Robert)

Right main landing gear strut grommet is torn.

Installed new RH main landing gear grommet P/N 16937-002. Work accomplished per Cirrus SR 22 MM 32-10 pages 8-9

Item #16 - Airworthy Airframe (Inspected By: Melendez, Edwin)

Right main landing gear middle wheel pant section screw stay disbonded.

Rebonded right main landing gear mid fairing standoff

Item #17 - Airworthy Airframe (Inspected By: Sammons, Robert)

Left wing fuel line is leaking near the mushroom fairing.

Cleaned and tightened fuel line fittings under LH wing mushroom fairing IAW Cirrus SR22 AMM 28-20

Item #18 - Recommended (Inspected By: Melendez, Edwin)

Multiple zip ties on engine weldment. Needs adel clamps.

Removed zip ties on engine mount and installed Adel clamps in place

Item #19 - Recommended (Inspected By: Johnson, Jacob)

Lots of surface corrosion throughout engine compartment. Need to clean and treat where possible.

Cleaned and treated minor surface corrosion

Item #20 - Airworthy Engine (Inspected By: Melendez, Edwin)

Oil cooler flange is cracked. Needs to be replaced.

Removed oil cooler P/N 657585 S/N 4041026 and installed overhauled oil cooler P/N 658756 S/N D18-14781-225 with new gaskets MS35769-11, 649989, two 649961 and 625966 IAW TCM IO-550-N MM CH17-8

Item #21 - Customer Declined (Inspected By: Johnson, Jacob)

#6 CHT probe is different style than the rest. Informational.

Informational item only. This item does not effect the airworthiness of the aircraft.

Item #22 - Recommended (Inspected By: Melendez, Edwin)

#5 intake tube is leaking past gasket.

Installed new #5 intake tube gasket P/N 649950

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Item #23 - Airworthy Airframe (Inspected By: Melendez, Edwin)

Left hand aileron trim actuating arm has play and needs to be investigated.

Installed new correct hardware on left aileron actuating arm

Item #24 - Recommended (Inspected By: Johnson, Jacob)

#1 EGT is erratic and #3 is inop.

R/R #1, #3 EGT probes P/N: 14554-001 IAW Cirrus SR22 AMM 77-20

Item #25 - Recommended (Inspected By: Johnson, Jacob)

Wash aircraft exterior.

Washed aircraft exterior.

Item #26 - Recommended (Inspected By: Johnson, Jacob)

Comply with final safety inspection

Remove wing walk protective covering.

Return keys to office or if an after-hour pick up secure to normal location.

Ensure areas worked have been secured properly.

Make sure areas that were worked are clean.

Completed final safety inspection.