

ARAPAHOE

AERO

Aircraft Maintenance

ENGLEWOOD, COLORADO 80112

Mr. Patrick Mulcahy

16 May 2018

Re: Annual Inspection Report for N1133T, SR22T-1030

Dear Pat

The following is a list of items noted during the Annual Inspection of your Cirrus. Of the items shown, some are informational only and others may need corrective action to be addressed. Items marked with a "W" are covered under Cirrus Warranty. The items marked with "P" are those you have already given approval to fix.

- ✓ 1. Current aircraft Hobbs: 0261.0 Flight Hobbs: 0214.0
- ✓ 2. Aircraft, engine and propeller total time: 0214.0
- ③ 3. Biennial Certifications due June 2019
4. Magneto 500 Hour Inspection due: Flight Hobbs: 0500.0
5. #2 battery replacement due June 2019 / Flight Hobbs: 0655.3
- ⑥ 6. TKS filter replacement due March 2017/ Flight Hobbs: 1200.0
7. Oxygen bottle hydrostatic test due December 2019
8. AmSafe EMA replacement due December 2021
9. AmSafe Inflator replacement due November 2026
10. Reefing Line Cutter replacement due October 2020
11. CAPS Rocket overhaul due March 2025
12. CAPS Parachute overhaul due March 2025
13. Air filter replacement due Flight Hobbs: 0500.0 (Per AD 86-24-02)
14. ELT test per FAR 91.207(d) - no defects noted
15. ELT battery expires February 2020
16. Aircraft Spinner To Tail Warranty expires 22 April 2020
17. Compression results: #1) 71/80, #2) 72/80, #3) 72/80, #4) 71/80, #5) 70/80, #6) 71/80.
18. Oil filter inspected. No abnormal contaminants noted.
- ⑨ 19. POH is still of original version. Revision 1 is currently available
- ② 20. Preflight Self Check pages on MFD are not installed
21. MAP is low (35.6 in)
22. #1 alternator brush inspection is due
23. Magneto timing is in excess of 4 degrees out of limits
24. Engine preheat wiring at plug is broken
25. Evidence of slight slip joint leakage of right exhaust (Clean and monitor only)
26. Right exhaust tie strap is not moving freely
27. #2 alternator power cable is chafing on baffle above propeller governor
28. Borescope inspection of cylinders (Not yet completed)
29. Right main tire is slowly leaking through vent holes

P
P
P
W
W
P
W
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P

(Continued)

(Page 1 of 2)

- Picture
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|--|---|
| 30. Nose strut fairing upper seal is separating | W |
| 31. Nose strut oleo extension is low | P |
| 32. No record of GSM 86 servo clutch torque test | P |
| 33. Roll and Yaw servo cable tensions are low | P |
| 34. Some overspray on paint and windows (Will be able to clean paint here) | P |
| 35. Sections of cabin door foam seal are loose | W |
| 36. Scratches inside of windshield by pen holder (minor) | |
| 37. Pilot's door lower latch is bent | W |
| 38. Fuel leak at right inboard fuel sender | W |
| 39. Right outboard flap hinge fairing is bent | P |
| 40. Section of flange seal on lower right cowl is missing | W |
| 41. Section of flange seal on lower cowling close-out panel are missing | W |
| 42. Filler cracks in corner of lower left cowl NACA scoop (minor) | |
| 43. Main strut saddle clamp clearance is too large | W |
| 44. Comply with Cirrus SA 06-06 (MCU Corrosion Inspection) | P |
| 45. Comply with Cirrus SA 16-09R1 / ACR SA 161011.1 (ELT Tray) | W |
| 46. Comply with Cirrus SA 17-02 / ACR SA 161216.1 (Date Format) | W |
| 47. Comply with Cirrus SA 17-16R1 / HET ASB 074 (Turbocharger Inspection) | W |
| 48. Comply with Cirrus SB 2X-74-02 (Ignition Switch Security) | W |
| 49. Comply with Cirrus SB 2X-95-23R1 (CAPS Rocket Aft Grain Inspection) | W |
| 50. Comply with Cirrus SB 2X-95-24R1 (CAPS Grounding Wire) | W |

Please don't hesitate to contact me if you have any questions on the items listed or need any additional information.

Thank You,


John Wells
Inspector