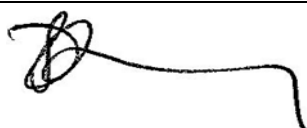


AIRWORTHINESS ADVICE NOTICE

- TYPE AFFECTED:** STEMME S-10, ALL MODELS, ALL SERIAL NUMBERS.
- SUBJECT:** Miscellaneous airworthiness information.
- MODIFICATIONS:** Copies of Service Bulletins may be obtained from Type Certificate Holders website.
1. **COCKPIT FIRE EXTINGUISHER:** Installation of cockpit fire extinguisher. Stemme Service Bulletin No A31-10-062 provides for the optional installation of a certified fire extinguisher in the cockpit.
2. **COCKPIT SEALING:** Stemme Maintenance Service Bulletin No A31-10-057D/E describes the cockpit sealing system used in newly-manufactured aircraft and provides for the upgrading of earlier models to the new standard.
- OTHER ITEMS:** A complete list of all ADs and Service Bulletins for all S-10 models, P150-981001 Rev 11, was issued by the manufacturer on 10 Aug 2020. It is available from Type Certificate Holders website.
- MAINTENANCE TIPS:**
1. **UNDERCARRIAGE:** The undercarriage has cast aluminum components which are known to fail when overloaded. Replacement parts obtained from the manufacturer are strengthened and more robust.
- A thorough visual inspection of the undercarriage is recommended looking for cracking and deformed undercarriage components after the aircraft is subjected to any abnormal load. Inspect at annual inspections, after hard landings, ground loops or poorly executed cross wind take-off or landings. Nondestructive testing methods should be employed on any component which has visual indications.
- A recent reported failure was from a failed over-centre linkage which caused the undercarriage to over extend. The crack had started to progress well before the gear failure with stress corrosion

SIGNED:



CHIEF TECHNICAL OFFICER

For and on behalf of:

**THE GLIDING FEDERATION
OF AUSTRALIA**

likely to have progressed the crack. The gear failed when taxiing off the runway after landing.

Be aware that it is difficult to inspect all undercarriage components without disassembly.

