




LAA Classification: **A**

Approval 

Date: 17.2.10

Alpi Pioneer 300 Undercarriage – Modification to System

- Applicability:** All Alpi Pioneer 300 aircraft (LAA Type number 330) operating on an LAA administered Permit to Fly.
- Compliance by:** For new aircraft: Before Permit issue.
For in-service aircraft: No later than next Permit renewal.
- Background:** Sound and reliable undercarriage over-centre locking on this aircraft requires accurate adjustment. In-service experience has shown that asymmetric adjustment can occur which, if not corrected, can result in one leg failing to over-centre which may lead to collapse. The standard system for indicating undercarriage "down and locked" is also unsatisfactory. This AIL requires operators to check undercarriage operation in accordance with instructions given in Pioneer Aviation UK Ltd. Service Bulletin 09/04 and to fit a 'Three Greens Kit', the drawings and parts of which are available from Pioneer Aviation UK Ltd.
- Those operators who have already fitted an equivalent and approved modification performing the same function are not required to comply with the installation of the Pioneer "3 Greens Kit", however compliance with the adjustment and synchronisation elements of the bulletin is mandatory.
- Actions Required:** Comply with the requirements of Pioneer Aviation Ltd. Service Bulletin SB 09/04 issued 5th December 2009.
- Certification:** All work carried out must be checked by a suitably qualified LAA Inspector at appropriate stages and before flight. Log book entry to be raised, and signed, by the inspector, confirming compliance with LAA/MOD/330/003 issue 1.

**Pioneer assistance and advice
can be obtained from:**

Pioneer Aviation UK Ltd.
The Byre,
Hardwick,
Abergavenny,
NP7 9AB

Tel: 07970 436 861

LAA Airworthiness Information Leaflet Classifications
Classification A – Considered Mandatory by the LAA
Classification B – Recommended by the LAA
Classification C – Material published for information and/or guidance