



Modification to U/C mounting frame

Classification

Mandatory

Applicability

All aircraft with fuselage kits dispatched before 22 March 1996.

Compliance

(a) Aircraft which have already flown:-

Within the next 10 flying hours

(b) Aircraft which have not yet flown:-

Before first flight.

Introduction

Tests carried out recently on the undercarriage mounting frame have confirmed that the stresses imposed on the frame have been modified by the introduction of the rubber shock absorber. The geometry of this is such that, when compressed, the over-centre load on the retraction lever stops is increased. In the case of a very heavy landing this can be sufficient to cause bending of the tubes carrying the over-centre stops .

This modification is introduced to prevent damage to the tubes in a heavy landing.

The modification comprises two struts which are bonded to the existing frame using Redux 420.

Action

- 1. With reference to the drawing, trial fit the struts to the mounting frame and mark the area of contact.**
- 2. Thoroughly clean and abrade the struts and contact areas of the mounting frame, apply Redux 420, install struts, and allow to cure fully.**
- 3. Recover the paint finish with any good quality paint - note that the original finish is powder coated epoxy.**



4. Annotate the Tech Log / build record - Mod 28 accomplished.

