

Schroth Harness

Issue of Service Information Letter

SIL SSP-007

LAA Engineering has recently received, via de Havilland Support Ltd., a copy of a Service Information Letter (SIL) relating to a potential safety issue affecting some models of the Schroth Harness.

The issue relates to an inherent issue with some types of rotary buckle in that the latching mechanism can unlatch during aerobatic manoeuvres.

The Schroth type of harness is fitted to many de Havilland Tiger Moth (DH 82a) aircraft as a replacement for the original Sutton Harness as parts for this type of harness became unavailable in 2002. There are also a number of Bulldog aircraft which have the Schroth harness fitted as a minor modification.

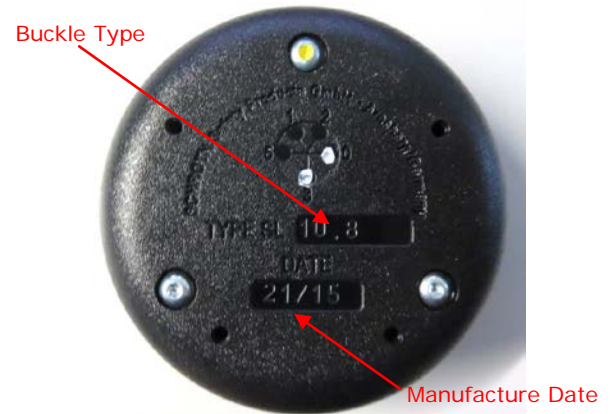


Fig. 1 The Schroth Harness Buckle

Because many LAA administered DH82a and some Bulldog aircraft will be affected by this Information Letter LAA Engineering has written to owners of both these types advising that they should follow the advice laid out by the harness manufacturers and, for some models, this means that aerobatics are not carried out on aircraft fitted with these harnesses.

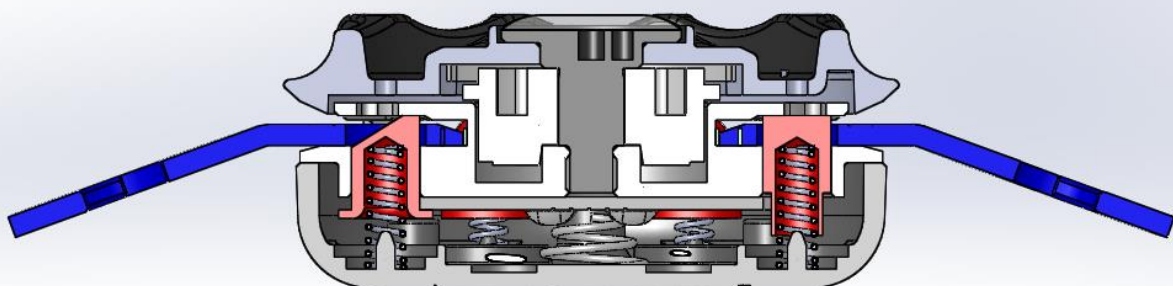


Fig. 2 Schematic of the Schroth Buckle Assembly

There is a possibility that the Schroth type of harness could be fitted to other LAA types of aircraft: if you know of an aircraft type (other than the Tiger Moth or Bulldog) that may be affected by this SIL please let us know about it at engineering@laa.uk.com. A copy of Schroth Service Information Letter (SIL SSP-007) may be downloaded [HERE](#).