

18<sup>th</sup> July 2018

**Ikarus C42 component advisory**

**C42 fuel filler hose**

TLAC have had a couple of instances where the fuel filler hose in some C42 aircraft (4 years and older it seems) begins to fail and leaks fuel into the baggage bay or just leaks vapours, still never the less dangerous. The reason for failure would indicate to loss of plasticiser in the wall material probably through ethanol. Splits may be quickly recognised by fuel staining on the exterior of the hose, whilst this is a good indicator it is not a fool proof sign and a thorough inspection should be made at the first opportunity.

The factory is now fitting a far better hose and clamp program, but this still leaves older aircraft and owners out there with a potential problem probably unknowingly??

Attached are the old and new in comparison and a typical split as found in the old hose?



Old Hose



Typical hose split



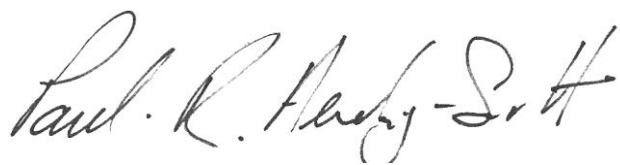
New hose (bottom) and new hose clamp



New smooth bore

New hose and clamps are available from TLAC.

As the sporting organisations that look after these type and as you are the regulator for the inspectors that annually see the aircraft for their permit renewal you have a direct contact with the owners and inspectors, please bring this information to their attention at the first opportunity.

A handwritten signature in black ink that reads "Paul R. Hendry-Smith". The signature is written in a cursive style with a large initial 'P' and 'H'.

Paul Hendry-Smith