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SAFETY ALERT

#0007

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The Airplane Factory (Pty) Ltd considers compliance with all Safety Alerts mandatory

RELEASE DATE: 04 January 2016

EFFECTIVE DATE: 04 January 2016

SUBJECT: Fuel Filter Fitment

MODELS AFFECTED: Sling LSA, Sling LSA Taildragger, Sling 2, Sling 2 Taildragger fitted with Rotax 912 iS engines.

COMPLIANCE TIME: 1) Inspection of connections – Before next flight
2) Replacement of Fuel Filter – Next major periodic inspection

PURPOSE: To verify the correct installation and security of the fuel filter, to then replace the fuel filter at the next inspection.

PARTS/EQUIPMENT LIST:

INSTRUCTIONS:

1. Visual Inspection – **BEFORE NEXT FLIGHT**
 - 1.1.1. Using a flat screw driver or Dzuz Screw Driver, open the right side inspection hatch on the cowling, (Oil reservoir inspection hatch).
 - 1.1.2. Locate the fuel filter as depicted in figure 1(a) below. The fuel filter should be positioned just behind the oil reservoir.
 - 1.1.3. Visually inspect both connection points of the fuel filter for correct installation and security of the fuel hoses.
 - 1.1.4. With one hand grip the fuel line, using your thumbs try to push against the fuel filter so as to try remove the fuel line off of the fuel filter. Then try and twist the fuel fine around the fuel filter barb.
 - 1.1.5. If the fuel hoses are secure and correctly installed they will not be able move or twist around the fuel filter barb. If the fuel hose does however move or twist around the fuel filter **DO NOT FLY THE AIRCRAFT** Your local AMO should be notified and called out to rectify the non-conformity as stated below in the replacement section of this safety alert.