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Approved Maintenance Organisation AMO1264 Manufacturing Organisation M677

INFORMATION LETTER 003

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The Airplane Factory (Pty) Ltd issues this information letter for the safety of Sling aircraft users.

- TITLE:** Prevention of fuel pressure drop on the 912iS engine when switching the Auxiliary fuel pump off.
- REASON:** In hot weather MOGAS tends to easily form bubbles on the suction side of the fuel pumps causing the fuel pressure and subsequent RPM drop. Changing to AVGAS or an AVGAS/MOGAS mix corrects the problem and is the Rotax recommended fix.
- MODELS AFFECTED:** All Sling LSA and Sling 2 aircraft fitted with Rotax 912 iS engines.
- RECOMMENDATION:** In hot weather (higher than 25 degrees Celsius) it is recommended that a 50/50 mix of AVGAS/MOGAS be used to reduce the possibility of bubbles forming in the fuel system.

Note:

- (1) Rotax information is available on the Rotax website-FLYROTAX.
- (2) Refer to the Rotax 912iS operators manual.
and
Rotax service instructions on operating fluids:
SI-912i-001R3

Signed on this the 30th day of November 2016


Mike Blyth
Director: The Airplane Factory