



THE AIRPLANE FACTORY (Pty) Ltd, Registration no 2002/022837/07
Hangar 8 Tedderfield Airpark, Nettleton Road, Eikenhof, 1872, Johannesburg South
PO Box 308, Eikenhof, 1872, South Africa. Tel: +27 (0) 11 948 9898 Fax: +27 (0) 86 632 4493
E-mail: sales@airplanefactory.co.za Web: www.airplanefactory.co.za
Approved Maintenance Organisation AMO1264 Manufacturing Organisation M677

INFORMATION LETTER 003

Page 1 of 1

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