Foxbat Australia

Foxbat Australia Pty Ltd, PO Box 237, Black Rock, Victoria 3193, Australia
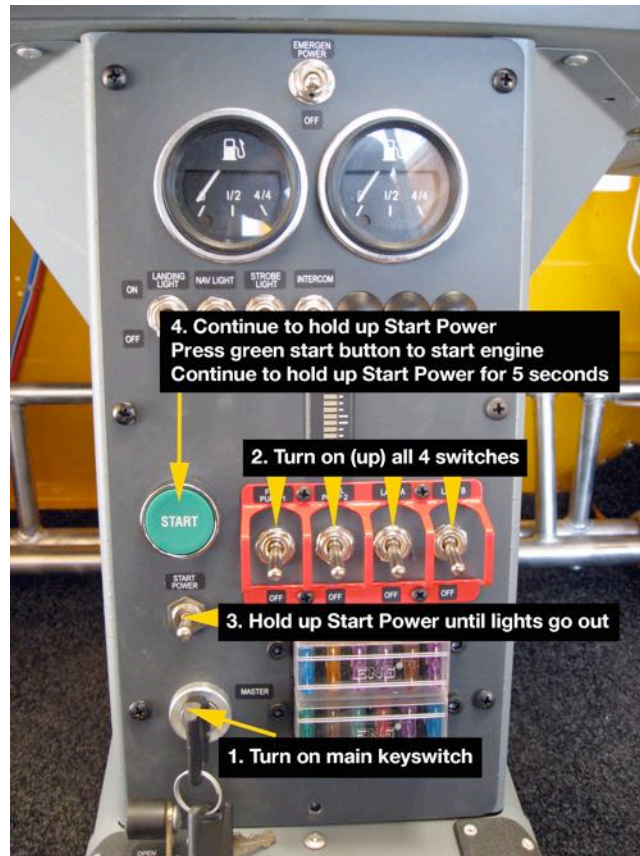*www.foxbat.com.au*   03 9592 3101 (landline) 0413 900 892 (mobile/cell)

Starting the Rotax 912iS injection engine in the Foxbat

First – complete daily and pre-flight checks. **NB>** Open only one fuel tank valve!

Next – switch on the battery master cut out (RED) key on pilot seat front and set the throttle to idle position.

Then –

①   Turn on the main switch – powers only the instruments

②   Turn on Fuel Pump A & B and Lane A & B – everything is now LIVE

③   Hold UP the spring switch 'START POWER' (under 'START' button)
   - Fuel pumps should be heard working & fuel pressure should be increasing
   - Engine diagnostic is starting, continue to hold 'START POWER' switch UP
   - Wait for two RED LAMPS on top LH panel to go OUT
   - Continue to hold up 'START POWER' switch

④   Press 'START' button to start engine
   - Continue to hold up 'START POWER' switch for 5 seconds after engine start
   - Throttle to 2000 rpm for 2 minutes
   - Throttle to 3000 to check battery charge
   - Throttle to 2500 rpm to warm engine to 50ºC
   - Throttle to check idle – minimum 1,400 rpm then set to 1800-2200 rpm

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Rotax 912iS shut down and other information

Engine shut down

DO NOT shut down engine for at least 5 minutes after landing!

Throttle – idle 1,400 rpm <u>minimum</u>

Fuel pump A – OFF

Fuel pump B – OFF

Lane B – OFF

Lane A – OFF

Switch off master key-switch

Switch off RED battery master

NB> Engine cannot be stopped by switching off master or battery switch!

Other important information

DO NOT

- fly with both tanks open!
- run down to an empty tank – engine restart takes minutes!
- switch on fuel pumps with both tanks closed!
- close both tanks with the engine running!

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