

SUBJECT:

Added warning for performing of sideslip maneuver into the POH.

AFFECTED:

All airplanes equipped with the engine Rotax 912iS (see Tab. 1).

DY-522/2015	DY-523/2015	DY-526/2015	DY-531/2015	DY-541/2015	DY-551/2015	DY-553/2015
DY-556/2015	DY-559/2015	DY-564/2016	DY-574/2016	DY-577/2016	DY-581/2016	DY-585/2016

Tab. 1 List of affected airplanes

COMPLIANCE:

Immediately.

MASS DATA:

Weight change: None

Moment change: None

REASON:

During the sideslip maneuver the fuel in the fuel tanks shifts laterally. In the fuel tank that is lower during the sideslip, the fuel shifts towards the wingtip and drains from the fuel outlet at the root rib.

Rotax 912iS engine works with greater fuel flow in the fuel system in comparison to the other Rotax 912 engines. In the case that the fuel selector is set to the lower fuel tank, there is an imminent risk of fuel shortage. Even short-term fuel shortage may cause the engine to stop immediately.

Therefore, the fuel tank, which is higher, must be always selected during the sideslip.

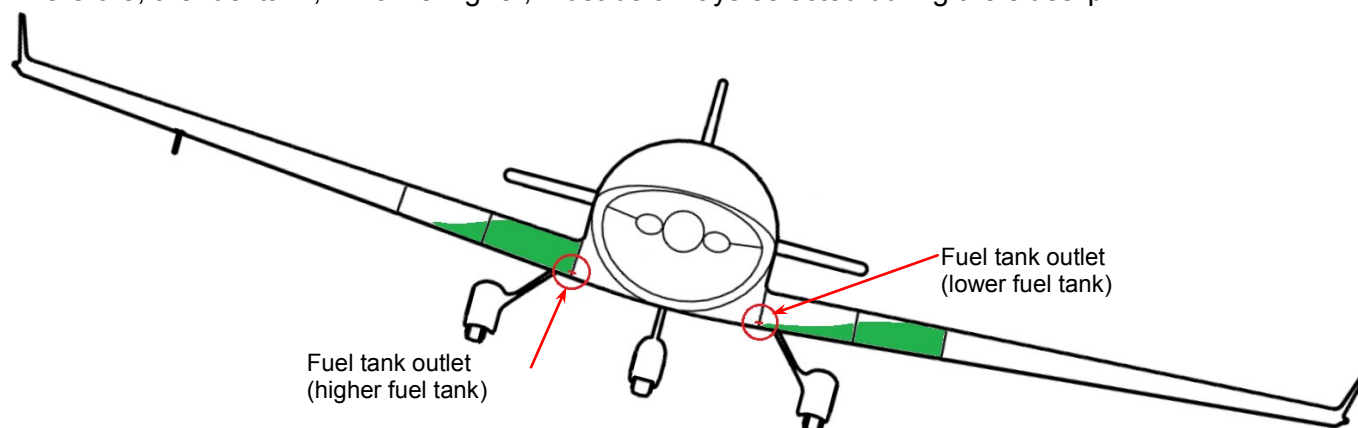


Fig. 1 Shifting of fuel in the fuel tanks during sideslip (illustration)

ARRANGEMENTS:

Add the warning into the paragraph of the POH, which describes performing of the sideslip maneuver:

- A. Print out the Enclosure 1.
- B. Cut out the warning tab according to the outlined pattern.
- C. Paste the warning tab into the POH as follows:
 - C.1. In Chapter 4 – Normal procedures, find the paragraph, which describes performing of the sideslip maneuver. If the POH does not contain this chapter, find the paragraph, which describes approach to landing.
 - C.2. Paste the warning tab in the free area in such a way, that it does not cover the other content.

MATERIAL AND LABOUR TIME:


None.

DOCUMENTATION:

Record the compliance with this service bulletin into the aircraft documentation.

ENCLOSURE:

Enclosure 1.

Issued by:  Prievidza, 19.12.2016	Approved by:
Place, date, signature	CAA of Slovak republic



WARNING

In a prolonged sideslip, the fuel in the lower wing tank shifts towards the wingtip and may cause fuel shortage to the engine!

Even short-term fuel shortage may cause the engine to stop immediately!

In a sideslip, always set the higher wing tank on the fuel selector!

(e.g. LEFT SLIP¹ => RIGHT TANK, RIGHT SLIP² => LEFT TANK)

¹ left ailerons, right rudder

² right ailerons, left rudder

