

Czech Sport Aircraft a.s.	SAFETY ALERT / SAFETY DIRECTIVE	Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com
No. SA-SC-003		Rev.: -
Date: 2012-01-31		
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MODEL AFFECTED:	SportCruiser, PiperSport, PS-28 Cruiser
SUBJECT:	Checking of the oil pump fixing bolts for Rotax engine type 912
AIRCRAFT AFFECTED:	All SportCruiser aircraft produced All PiperSport aircraft produced All PS-28 Cruiser aircraft produced
COMPLIANCE:	After receipt of this SA/SD, refer to ROTAX ASB-912-060UL / ASB-912-060

DESCRIPTION:

SportCruiser, PiperSport, PS-28 Cruiser are equipped with Rotax 912ULS2 or Rotax 912S2 engines.

Rotax has released an **Alert Service Bulletin** which covers checking of the oil pump fixing bolts for Rotax engine type 912 and 914 (Series).

REASON:

Within the scope of permanent quality checks BRP Powertrain identified a deviation in the assembly process of the oil pump fixing bolts. In some cases these bolts were not tightened according to the proper torque specification which can possibly cause oil leaks, irregular oil supply which may lead to engine stoppage.

SUBJECT:

Refer to ROTAX ASB-912-060UL / ASB-912-060

MANPOWER:

Refer to ROTAX ASB-912-060UL / ASB-912-060

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

PS-28 Cruiser / SportCruiser Maintenance Manual, Doc. No. CR-MM-1-0-00
Refer to ROTAX ASB-912-060UL / ASB-912-060

MATERIAL:

Refer to ROTAX ASB-912-060UL / ASB-912-060

ACCOMPLISHMENT INSTRUCTIONS:

Engines affected by the ROTAX ASB-912-060UL / ASB-912-060 were not installed to SportCruiser, PiperSport or PS-28 Cruiser aircraft by these models manufacturer. Nevertheless, an operator could install affected engines in operation. For this reason:

Step 1 – mandatory for all SportCruiser, PiperSport, PS-28 Cruiser aircraft produced

- 1.1 Check the aircraft maintenance records from the point of view of possible engine replacement.
- 1.2 If there is found out that the installed engine is different from the engine originally installed by the aircraft manufacturer, check the engine serial number against those in the ROTAX ASB-912-060UL / ASB-912-060 to find out possible ASB applicability for this engine.
- 1.3 If the installed engine is affected by the ASB, continue to Step 2.
- 1.4 Update the aircraft maintenance records to reflect the compliance with this Safety Alert / Safety Directive.

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Step 2 – mandatory for aircraft specified in Step 1

- 2.1 Remove engine cowling.
- 2.2 Disconnect battery.
- 2.3 Comply with ROTAX ASB-912-060UL / ASB-912-060.
- 2.5 Connect battery.
- 2.7 Install engine cowling.
- 2.8 Restore aircraft to the airworthy condition.
- 2.9 Conduct test run including ignition check and leakage test.
- 2.10 Update the aircraft maintenance records to reflect the compliance with this Safety Alert / Safety Directive.

APPROVAL:

This SA/SD was approved by:

Title	Head of the Design Organisation	Airworthiness Manager
Name	Jiří Konečný	Josef Vlachynský
Hand written signature		