

Czech Sport Aircraft a.s.	<b>SAFETY ALERT / SAFETY DIRECTIVE</b>	Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com
No. SA-SC-004		Rev.: 1
Date: 2013-03-07		
Page: 1 of 2		Date: 2013-06-04

<b>MODEL AFFECTED:</b>	SportCruiser, PiperSport, PS-28 Cruiser
<b>SUBJECT:</b>	Checking of the cylinder head assy. (2/3) for Rotax for engine type 912 and 914 (Series)
<b>AIRCRAFT AFFECTED:</b>	All SportCruiser aircraft produced All PiperSport aircraft produced All PS-28 Cruiser aircraft produced
<b>COMPLIANCE:</b>	After receipt of this SA/SD, refer to ROTAX ASB-912-062ULR2 / ASB-912-062R2

**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 cylinder head assy. (2/3) for Rotax for engine type 912 and 914 (Series).

**REASON:**

Due to a deviation in the manufacturing process some cylinder heads may have an oil leak in the intake channel in the area of the valve guide. There is a possibility of small machined through holes, which can increase the oil consumption which may result in an engine stoppage.

**SUBJECT:**

Refer to ROTAX ASB-912-062ULR2 / ASB-912-062R2

**MANPOWER:**

Refer to ROTAX ASB-912-062ULR2 / ASB-912-062R2

**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-912-062ULR2 / ASB-912-062R2

**MATERIAL:**

Refer to ROTAX ASB-912-062ULR2 / ASB-912-062R2

**ACCOMPLISHMENT INSTRUCTIONS:**

Engines affected by the ROTAX ASB-912-062ULR2 / ASB-912-062R2 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-912-062ULR2 / ASB-912-062R2 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-912-062ULR2 / ASB-912-062R2.
- 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:

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