

Czech Sport Aircraft a.s.	SERVICE BULLETIN	Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com
No. SB-CR-026		Rev.: -
Date: 2015-04-08		
Page: 1 of 2		Date: -

MODEL AFFECTED:	SportCruiser, PiperSport, PS-28 Cruiser
SUBJECT:	Exchange of floats on ROTAX Engine Type 912 Series
AIRCRAFT AFFECTED:	All SportCruiser aircraft produced All PiperSport aircraft produced All PS-28 Cruiser aircraft produced Note: Aircraft where is known that the affected engine is installed: SportCruiser C0423, C0460, C0462, C0463, C0464, C0471, C0480, C0481, C0483, C0484, C0486, C0491, C0492, C0493, C0494, C0495, C0496, C0497, C0499, C0501, C0503, C0505, C0523, C0524, C0525, C0526, C0527, C0528 PS-28 Cruiser C0409, C0433, C0435, C0438, C0443, C0444, C0457, C0458, C0476, C0485, C0487, C0488, C0489, C0498, C0500, C0506, C0507, C0508, C0509, C0510, C0511, C0512, C0513, C0514, C0516, C0518, C0502, C0521
COMPLIANCE	After receipt of this SB, refer to Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048

DESCRIPTION:

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

Rotax has released a Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048 concerning exchange of floats on ROTAX engine type 912 and 914 Series.

This SB supersedes and replaces SB-CR-024 Rev. 3 dated 2015-04-08.

REASON:

Due to a deviation in the manufacturing process some floats could absorb more fuel thus having more weight. This leads to a loss of float buoyancy and wrong regulation of the fuel in the float chamber. Possible effects may be a rough engine running, especially at low speeds and under circumstances loss of performance and/or fuel leakage in the area of the carburetor.

SUBJECT:

Refer to Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048

MANPOWER:

Refer to Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

PS-28 Cruiser / SportCruiser Maintenance Manual, Doc. No. CR-MM-1-0-00, latest edition
SportCruiser Airplane Maintenance Manual, SC-AMM-1-0-00, latest edition
Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048

MATERIAL:

Refer to Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048

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ACCOMPLISHMENT INSTRUCTIONS:

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

- 1.1 Check aircraft maintenance records for information about engine exchange.
- 1.2 If there is found that on aircraft is currently installed different engine S/N then originally by aircraft manufacturer, then cross check engine serial numbers in Rotax Service Bulletins SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048 to assure this SB does not affect it.
- 1.3 If installed engine is SB affected, continue to Step 2.
- 1.4 Check maintenance record for installed engine for information if floaters part no. 861184 have not been installed as spare part or during engine repair/general overhaul since 1. July 2012. If there is found, that the floaters have been changed, continue to Step 2..
- 1.5 Check maintenance record for installed engine for information if carburetors have not been changed. If there is found, then cross check carburetors serial numbers in ROTAX SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048 to assure this SB does not affect it. The carburetor and/or the float may have been removed from the first delivery engine and used on another one. Therefore the serial number of the carburetor is also important as the engine serial number.
- 1.6 Insert the affected pages into the appropriate Pilot's Operating Handbook.

Step 2 – mandatory for affected aircraft where is known that affected engine is installed and aircraft specified in Step 1.

- 2.1 Remove engine cowling.
- 2.2 Disconnect battery.
- 2.3 Comply with SB-912-067UL / SB-914-048UL, SB-912-067 / SB-914-048.
- 2.4 Connect battery.
- 2.5 Install engine cowling.
- 2.6 Restore aircraft to the airworthy condition.
- 2.7 Conduct test run including ignition check and leakage test.
- 2.8 Annotate aircraft maintenance records to reflect compliance with this bulletin.

APPROVAL:

This SB was approved by:

Title	Head of the Design Organisation	Airworthiness Manager
Name	Jiří Konečný	Marek Kotolan
Hand written signature		