

Czech Sport Aircraft a.s.	<b>SERVICE BULLETIN</b>	Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com
No. SB-SC-022		Rev.: -
Date: 2014-04-01		
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<b>MODEL AFFECTED:</b>	PS-28 Cruiser
<b>SUBJECT:</b>	Installation of Garmin GNC 255A NAV/COM and 12 V socket, replacement of switches and cabin lighting.
<b>AIRCRAFT AFFECTED:</b>	PS-28 Cruiser S/N C0445
<b>COMPLIANCE:</b>	After receipt of this Service Bulletin

**DESCRIPTION:**

This Service Bulletin contains instructions for the installation of Garmin GNC 255A NAV/COM and 12 V socket, replacement of switches and cabin lighting.

**APPROVAL:**

Installation of above mentioned equipment is EASA approved as a Minor Change Approval 10046176, dated 23 August 2013.

**AUTHORISATION TO PERFORM:**

Europe & Elsewhere: EASA Part M or Part 145 Maintenance organization.

**REASON:**

The reason of this SB is to apply the COMMISSION IMPLEMENTING REGULATION (EU) No 1079/2012 of 16 November 2012 laying down requirements for voice channels spacing for the single European sky - implementation of the 8.33-kHz spacing between VHF voice communication channels in the airspace of the ICAO EUR region.

**COMPLIANCE:**

After receipt of this Service Bulletin

**MANPOWER:**

16 man-hours

**WEIGHT AND BALANCE:**

Affected

**ELECTRICAL LOAD DATA:**

Affected

**REFERENCES:**

- [1].PS-POH-1-1-11, Rev. 1
- [2] PS-28 Cruiser / SportCruiser Maintenance Manual, CR-MM-1-0-00, Rev. 9
- [3] PS-28 Cruiser, SportCruiser, Wiring Manual, CR-WMA-1-0-01, Rev. 4.
- [4] AC 43.12-1B, Acceptable Methods, Techniques, and Practices – Aircraft Inspection and Repair.
- [5] Drawings Instrument Panel, Dwg. No. SI0931N, rev. -, dated 2013-03-29  
Cabin lightning installation, Dwg. No. SI0255N rev. -, dated 2013-03-29  
12V socket installation, Dwg. No. SI0145N rev. -, dated 2013-02-15  
Internal Lighting, Dwg. No. SI1017N, rev. -, dated 2013-03-25  
GNC 255, Dwg. No. SI1023N, rev. -, dated 2013-03-25  
PM3000, Dwg. No. SI1024N, rev. -, dated 2013-03-25

**MATERIAL:**

Will be supplied by the airplane manufacturer.

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**ACCOMPLISHMENT INSTRUCTIONS:**

- A. Remove key from ignition switch.
- B. Disconnect battery, support the aircraft.
- C. Remove instruments, instrument panels and appropriate wiring according to [2], Chapter 12 (see the REFERENCES).
- D. Install new wirings and instrument panels according to [2], [5].
- E. Install instruments panels according to [2], Chapter 12.
- F. Connect battery.
- G. Restore aircraft to the airworthy condition.
- H. Weigh the aircraft and calculate the center of gravity; write data to the update POH with supplements No. 2, 4, 6, 10, 11.
- I. Update the aircraft maintenance records to reflect the compliance with this Service Bulletin.

**APPROVAL:**

This Service Bulletin is approved by:

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