

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-SC-026		Rev.: -
Date: 2015-03-04		
Page: 1 of 4		Date: -

MODEL AFFECTED:	SportCruiser / PiperSport
SUBJECT:	Installation of the fireproof hose jackets in the oil system
AIRCRAFT AFFECTED:	09SC285, 09SC290, 09SC294, 09SC296, 10SC297, 09SC298, 09SC302, 09SC303, 09SC305, 09SC308, 09SC321, 09SC322, 09SC323, 09SC324, 09SC326, 09SC327, 09SC329, P1001040, P1001041, P1001042, P1001043, P1001061, P1001087, P1102001, P1102005, P1102009, P1102021

DESCRIPTION:

The Service Bulletin concerns an installation of the fireproof hose jackets in the oil system.

AUTHORISATION TO PERFORM:

EASA Part M Engineering organization.

MANPOWER:

Approximately 6 hours are required to complete this Service Bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

SPECIAL TOOLS:

See accomplished instructions

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

SportCruiser / PiperSport Airplane Maintenance Manual, SC-AMM-1-0-00, Rev. 4, Date of Issue: 2014-09-08
AC 43.13-1B, Acceptable Methods, Techniques, and Practices – Aircraft Inspection and Repair

PUBLICATIONS AFFECTED:

SportCruiser / PiperSport Airplane Maintenance Manual, SC-AMM-1-0-00, Rev. 4, Date of Issue: 2014-09-08

COSTS TO BE COVERED BY:

Operator

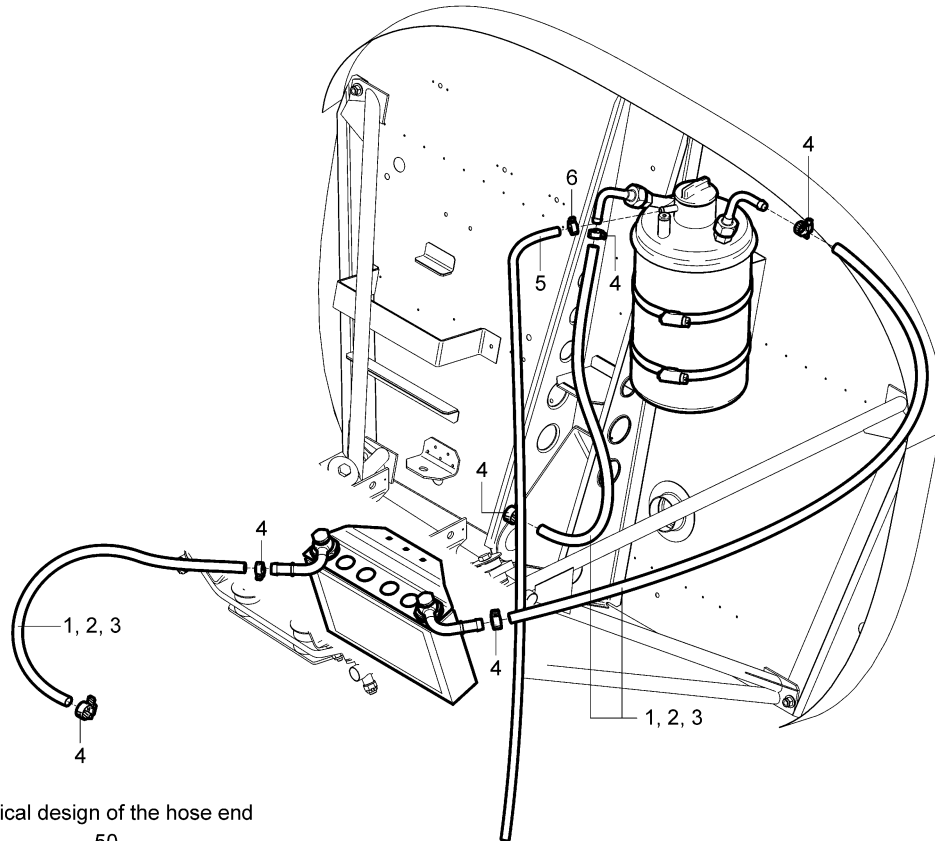
MATERIAL:

The following parts are required to comply with this Service Bulletin. Parts can be obtained from aircraft manufacturer. Order kit P/N SB-SC-026 to obtain the following parts.

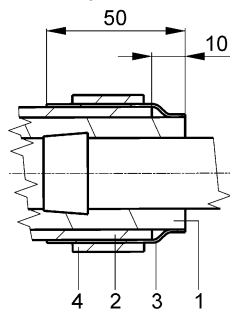
Item	Name	Part Number	Nomenclature	Quantity	Note
1	Oil hose	CONTI TCH-OLS1-12 x 3,5AEM	512K2402	3,5 m	
2	Pyrojacket		66501003	3,5 m	
3	Heat shrinkable tube	Thermofit CGPT 25,4/12,7-4-FSP	512O2122	0,5 m	black
4	Hose clamp	Normaclamp S 20 mm	3330A021	6 or 10	
5	Hose	FUB 386 8/14 mm	512K2102	2 m	
6	Hose clamp	62602	3330A001	1	not shown

SERVICE BULLETIN

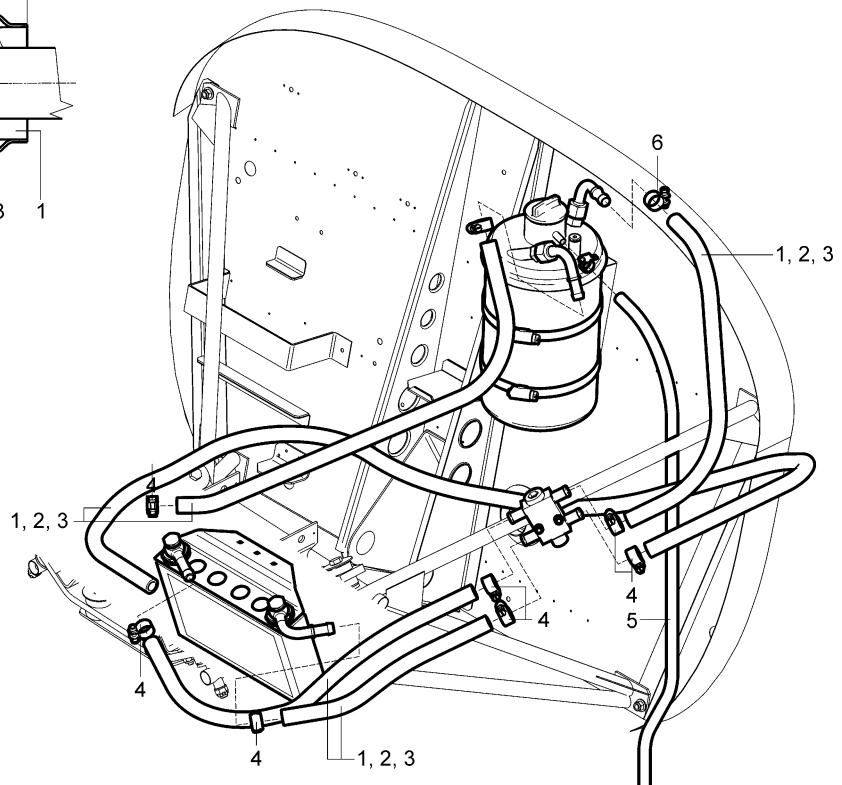
Oil system without the oil thermostat



Typical design of the hose end





Oil system with the oil thermostat



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-SC-026		Rev.: -
Date: 2015-03-04		
Page: 3 of 4		Date: -

APPROVAL:

This SB was approved by:

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

Czech Sport Aircraft a.s.	<h1>SERVICE BULLETIN</h1>	Czech Sport Aircraft a.s. Na Záhonech 1177/212, 686 04 Kunovice Czech Republic office@czechsportaircraft.com
No. SB-SC-026		Rev.: -
Date: 2015-03-04		
Page: 4 of 4		Date: -

ACCOMPLISHMENT INSTRUCTIONS:

NOTE: All dimensions shown in the figures are in millimeters.

- A. Move the aircraft to a place suitable to perform the work.
- B. Remove engine cowlings, disconnect positive battery terminal (see AMM, Chapter 11).
- C. Drain oil (see AMM, Chapter 10.5.1).
- D. Remove oil hoses from the engine compartment:
 1. Acquire necessary tools, equipment, and supplies:

Description	P/N or Spec.	Supplier	Purpose
Screwdriver	Philips No. 2	Any source	Hose removal
Wire cutter	-	Any source	

- E. Note the method of hoses attachment to the structure; remove all hose fasteners.
- F. Loose clamps and remove all oil hoses.
- G. Measure the length of the old hoses and according to them, cut the new.
- H. For each hose, cut the pyrojacket so as to be on each side by about ca. 10 mm shorter.
- I. Cut the heat shrinkable tube to pieces with a length of ca. 50 mm.
- J. Insert the pyrojackets on the hoses and center them.
- K. At the ends of the hoses insert the heat shrinkable tubes and using a heat gun fix them.
 1. Acquire necessary tools, equipment, and supplies:

Description	P/N or Spec.	Supplier	Purpose
Heat gun	-	Any source	Pyrojacket installation

- L. At the ends of the hoses insert the hose clamps, connect hoses to the appropriate points and tighten clamps; according the note fasten hoses to the structure.
 1. Acquire necessary tools, equipment, and supplies:

Description	P/N or Spec.	Supplier	Purpose
Screwdriver	Philips No. 2	Any source	Hose installation

- M. Fill oil (see AMM, Chapter 10.5.1).
- N. Carry-out the engine test (see AMM, Chapter 10.4.1), visually check the oil system for leakage and security of all components.
- O. Restore the aircraft to the airworthy condition.
- P. Update aircraft records to reflect compliance with this Service Bulletin.