



CRUISER  
AIRCRAFT

No.: SB-SC-087

DATE: 2021-12-08

PAGE: 1/4

# SERVICE BULLETIN

Czech Aircraft Group s.r.o.  
Na Záhonech 212  
686 04 Kunovice  
Czech Republic  
info@cruiseraircraft.cz

REV.: -

DATE: -

<b>MODEL AFFECTED:</b>	SportCruiser / PiperSport operating outside EASA rules
<b>SUBJECT:</b>	Installation of the ballast weight
<b>AIRCRAFT AFFECTED:</b>	All SportCruiser / PiperSport aircraft
<b>COMPLIANCE:</b>	May be applied if parachute is not installed

## **DESCRIPTION:**

This Service Bulletin contain instructions how to install the ballast weight.

## **AUTHORISATION TO PERFORM:**

Repairman (LS-M) or Mechanic (A&P)

## **REASON:**

To compensate the weight of the missing parachute.

## **MANPOWER:**

2 hours

## **SPECIAL TOOLS:**

Common tools for aircraft maintenance.

## **WEIGHT AND BALANCE:**

Affected

## **ELECTRICAL LOAD DATA:**

N/A

## **PUBLICATIONS AFFECTED:**

POH

## **MATERIAL AND COSTS:**

All costs to be covered by the aircraft owner / operator.

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## MATERIAL:

ITEM No.	NOMENCLATURE	DESCRIPTION	QUANTITY
001	SI0223N	Ballast weight 2,5 kg (5,5 lbs)	1 pc
002	AN5-13	Bolt	2 pcs
003	AN310-5	Nut	2 pcs
004	AN960-516	Washer	4 pcs
005	AN380-2-3	Cotter pin	2 pcs

## ACCOMPLISHMENT INSTRUCTIONS:

- 1) Move the aircraft to a place suitable to perform the work.
- 2) Set the **MASTER BAT**, **MASTER GEN** switches to OFF.
- 3) Remove the key from the ignition switch.
- 4) Remove engine cowlings, disconnect positive battery terminal (AMM, Chapter 11).

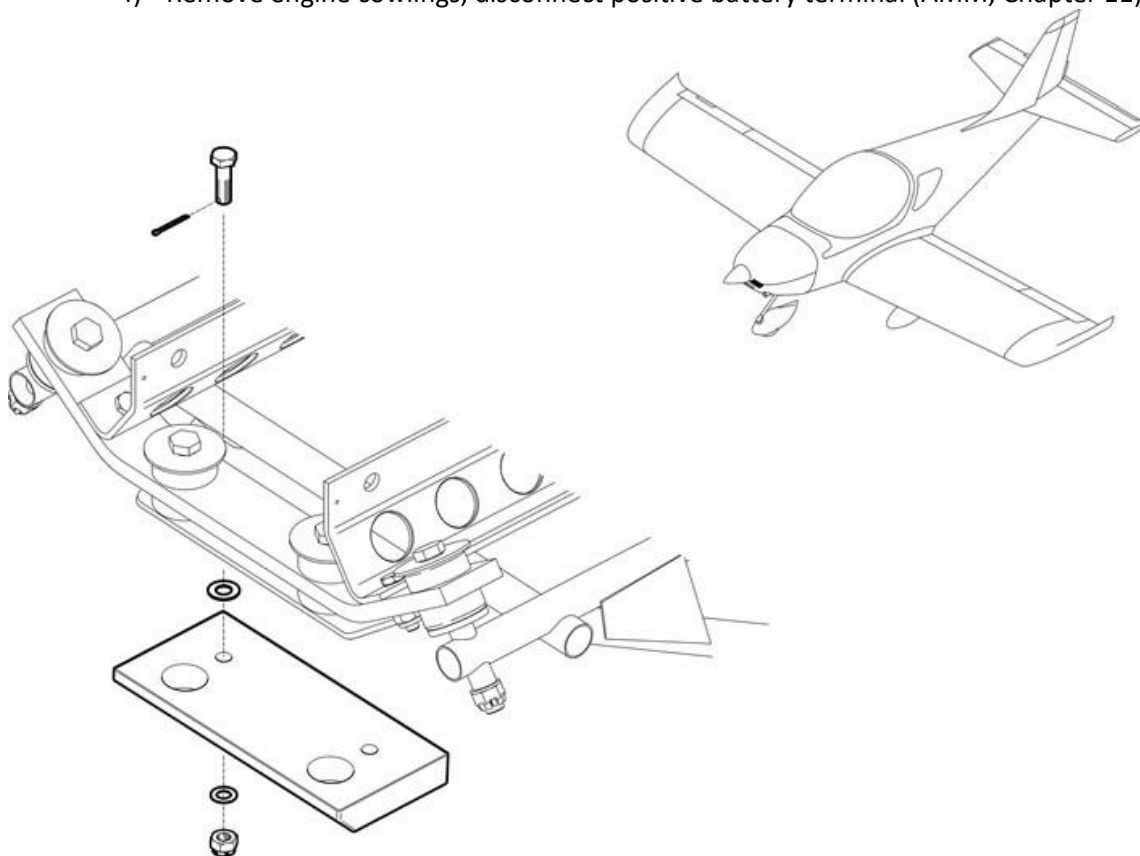


Fig. 1: Ballast weight

- 5) Insert the bolts (002) from the upper side. See Fig. 1.
- 6) Insert the washers (004) from the bottom to the bolts.
- 7) Install ballast weight (001). See Fig. 1.
- 8) Insert the washers (004), screw the nuts (003) and secure it with cotter pins (005).
- 9) Install the engine cowlings.



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PAGE: 3/4

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- 10) Weight the aircraft and calculate the empty weight center of gravity position, write data to the appropriate section of the POH.
- 11) Update aircraft records to reflect compliance with this Service Bulletin.

## APPROVAL:

This Service Bulletin has been approved by:

<b>TITLE:</b>	Head of Design Organisation	Airworthiness Manager
<b>NAME:</b>	Jiří Sklenář	Jiří Sklenář
<b>HAND WRITTEN SIGNATURE:</b>		



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