



CRUISER  
AIRCRAFT

No.: SB-CR-099

DATE: 2022-11-21

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# 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>	PS-28 Cruiser / PS-28N Cruiser SportCruiser / PiperSport operating under EASA rules
<b>SUBJECT:</b>	Switching ON the generator.
<b>AIRCRAFT AFFECTED:</b>	All PS-28 Cruiser and PS-28N Cruiser aircraft All SportCruiser / PiperSport operating under EASA rules
<b>COMPLIANCE:</b>	Within the next 100 flight hours / annual inspections, whichever occurs first.

## DESCRIPTION:

This Service Bulletin contains information about recommended starting sequence and use of generators.

## AUTHORISATION TO PERFORM:

Owner or Operator

## REASON:

To prevent the overvoltage and overloading of the electronic equipment.

## MANPOWER:

0,5 hour

## SPECIAL TOOLS:

N/A

## WEIGHT AND BALANCE:

N/A

## ELECTRICAL LOAD DATA:

N/A

## PUBLICATIONS AFFECTED:

POH - Pilot's Operating Handbook

## MATERIAL AND COSTS:

N/A



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## ACCOMPLISHMENT INSTRUCTIONS FOR PS-28 CRUISER / SPORTCRUISER / PIPERSPORT

Change sequence of engine starting given in POH

1. **MASTER BAT** - ON
2. **MASTER GEN** - ON (before engine starting)
3. other sequence unchanged

Write a handwritten correction of starting sequence to the POH. Cross out MASTER GEN -ON from "After the engine is running" sequence in Chapter 4.2 with cross reference to this service bulletin.

If Engine is running, it is **STRONGLY RECOMMENDED** to switch the generator ON with engine speed bellow 2000 rpm.

Turning ON generator with engine speeds above 2000 rpm can cause damage of the MFD\*, EFIS\*, Flaps controller or other electronic equipment.

Write a handwritten note to the POH in Chapter 4.2.2 with cross reference to this service bulletin:

**"IT IS STRONGLY RECOMMENDED TO SWITCH THE GENERATOR ON WITH ENGINE SPEED BELLOW 2000 RPM."**

Update aircraft records to reflect compliance with this Service Bulletin.



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## ACCOMPLISHMENT INSTRUCTIONS FOR PS-28N CRUISER

Change sequence of engine starting given in POH

1. **MASTER BAT** - ON
2. **MASTER GEN1** - ON (before engine starting)
3. other sequence unchanged

Write a handwritten correction of starting sequence to the POH.

Cross out MASTER GEN1 - ON from "After the engine is running" sequence in Chapter 4.2 with cross reference to this service bulletin.

*Note: Sequence of turning on switch MASTER GEN2 after engine is running is not changed.*

Write a handwritten note to the POH in Chapter 4.2.2 with cross reference to this service bulletin:

**"IT IS STRONGLY RECOMMENDED TO SWITCH THE GENERATORS ON WITH ENGINE SPEED BELOW 2000 RPM."**

Update aircraft records to reflect compliance with this Service Bulletin

- \*MFD Multi-Function Display
- \*EFIS Electronic Flight Instrument System

## APPROVAL:

This Service Bulletin has been approved by:

<b>TITLE:</b>	Head of Design Organisation	Airworthiness Manager
<b>NAME:</b>	David Bilík	Jan Pejchar
<b>HAND WRITTEN SIGNATURE:</b>		