



Scoda Aeronáutica Ltda
Estrada Municipal IPN 020 km 0,1
Ipeúna – SP, Brazil.
PHONE: (19) 3576-1292
ZIP CODE: 13537-000
www.scodaeronautica.com.br

SERVICE BULLETIN

SB_SPXP_010
Revision 00

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Released Date: August 05th, 2026
Effective Date: August 05th, 2026

SERVICE BULLETIN

SB_SPXP_010 Engine Cooling Baffle

Application of Notes, Cautions and Warnings

NOTES, **CAUTIONS** and **WARNINGS** are used in this document to emphasize instructions and information considered to be unusual or critical. **NOTE**, **CAUTIONS** and **WARNINGS** may appear in the text either before or after the instruction(s) to which it applies, depending on the relative significance of the information. The conditions that warrant the use of **NOTES**, **CAUTIONS** and **WARNINGS** are defined below:

WARNING

IDENTIFIES AN INSTRUCTION, WHICH IF NOT FOLLOWED MAY CAUSE SERIOUS INJURY OR EVEN DEATH

CAUTION

Denotes an instruction which if not followed, may severely damage the aircraft or could lead to suspension of warranty

NOTE

Information useful for better handling



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1. Planning Information

NOTE

SCODA AERONAUTICA cannot accept any responsibility for the quality of work performed. Please refer to the last revision of the Advisory Circular 43.13 – 1B Acceptable Methods, Techniques, and Practices Aircraft Inspection and Repair.

1.1. Affected Aircraft

Type:	Super Petrel
Model:	XP
Serial Number:	From S0404 up to S0428 inclusive
Applicable Countries:	Not Limited

1.2. Reason

In the course of continuous development and our commitment to product improvement, an engine cooling baffle have been introduced. The engine cooling baffle improves the efficiency of cold airflow through the radiators during long climbs and high outside air temperature.

1.3. Subject

Installation of an engine cooling baffle.

1.4. Compliance

OPTIONAL – At owner's discretion

1.5. Type of Maintenance

Line Maintenance



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1.6. Personnel Qualifications

LSA Repairman Certificate

A&P Certificate

1.7. Release to Service

Conduct of this SB must be logged in the aircraft logbook with date and signature of the responsible person as applicable.

1.8. Weight and Balance

Not required.

1.9. References

N/A

1.10. Contact Details

For further information on performing this SB, contact us to the following email address:

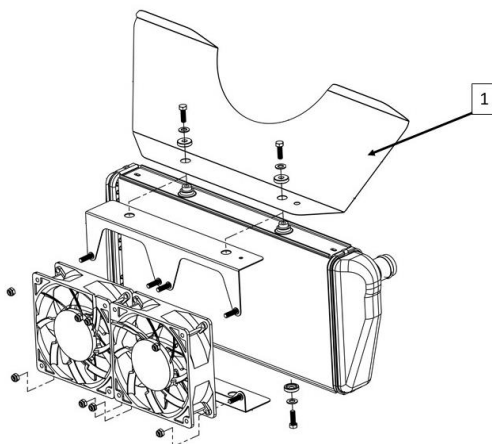
engineering@scodaero.com.br

1.11. Disclaimer

This Service Bulletin has been generated with utmost care. Nevertheless, errors and misunderstandings can never be fully excluded. In case of any doubts, the applicant is requested to contact Scoda Aeronáutica Ltda immediately to clarify the issue.

2. Resources

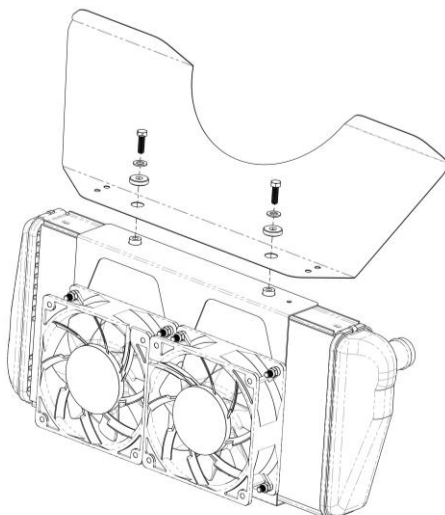
2.1. Parts



Item	Description	Part Number	Qty
01	Engine Cooling Baffle	XP-10310-00	1
--	Grommet	---	--

3. Accomplishment / Instructions

- Remove engine cowlings.
- Remove the upper bolts, washers and bushings that fix the aluminum support of the engine cooling fans (see picture below).



NOTE

The aluminum support do not need to be removed.



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- c) Install the baffle and fix it using the bolts, washers and bushings.
- d) Check the electrical wiring of the cooling fans is not running across the sharp edges of the baffle. Isolate the wiring from the baffle by installing the grommet in the sharp edge.

CAUTION

Improper installation of grommets and loose wiring harnesses may compromise the functionality of the cooling fans system.



- e) Check the gap between the fiber baffles of the lower cowlings and aluminum baffle. If necessary, adjust the fiber baffle by sanding.
- f) Reinstall the engine cowlings and check the baffle for position and gap with the upper engine cowling.
- g) Make the following logbook entry:

“Complied with Service Bulletin SB_SPXP_010, dated August 05th, 2026. The engine cooling baffle was installed”.