SERVICE BULLETIN

SB_SPXP_008

New Torque Setting – Propeller Inner Bolts

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. A **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

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:	All
Applicable Countries:	All

1.2. Reason

Field reports has indicated several cases of inner bolts breakage. For this reason E-Props has issued a **MANDATORY** service bulletin (HEP-SB-2025-001-b) requiring a new torque setting ONLY for the 5 inner bolts to 8 N.m (previously 11 N.m) which is applicable exclusively to the Excalibur-5 (5 blade propeller) when mounted on the Super Petrel XP equipped with the Rotax 915 iS and 916 iS engines.

1.3. Subject

New torque setting of the inner bolt – E-Props Service Bulletin HEP-SB-2025-001-b

1.4. Compliance

MANDATORY – carry out this service bulletin within 10 hours of flight or at the least prior to but no later the 30 days from the date of the initial issue of this SB, whichever comes first.

1.5. Personnel Qualifications

LSA Repairman Certificate

A&P Certificate

1.6. Release to Service

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

1.7. References

- E-Props Service Bulletin **HEP-SB-2025-001-b**

  https://aircraft.e-props.fr/DOCS/SB/HEP-SB-2025-001-b.pdf

- E-PROPS Propellers for gear-drive engines Durandal / Excalibur v20 range instructions manual
- AMM_XP_001_Aircraft Maintenance Manual

1.8. Superseded Documents

N/A

1.9. Contact Details

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

engineering@scodaero.com.br

1.10. Disclaimer

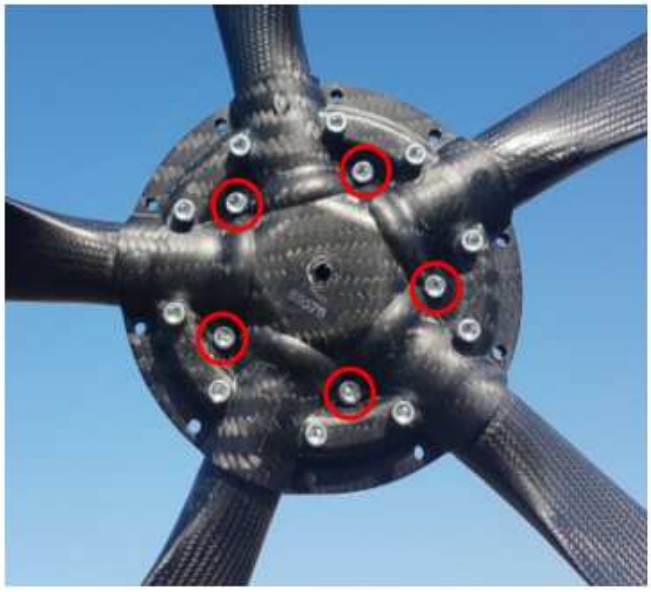
This Service Bulletin has been generated with utmost care. Nevertheless errors and misunderstandings can never be fully excluded. In case of any doubts, the applicant is requested to contact Scoda Aeronáutica Ltda immediately to clarify the issue.

2. Accomplishment / Instructions

NOTE
Please refer to the latest revision of the E-PROPS Propellers for gear-drive engines Durandal / Excalibur v20 range instructions manual

NOTE
Please refer to the latest revision of the AMM_XP_001_Aircraft Maintenance Manual

1. Remove the spinner.
2. Loose the 5 inner bolts completely.



Inner Bolts that require a tightening torque adjustment

3. Install and torque the 5 inner bolts with 8 N.m.

NOTE

If any broken bolts are found, replace by new E-Props original titanium bolts, following the instructions described in the latest revision of the E-PROPS Propellers for gear-drive engines Durandal / Excalibur v20 range instructions manual.

CAUTION

Use a calibrated torque wrench to apply the correct tightening torque.

CAUTION

Tightening torque of the other bolts should not be changed.

4. Reinstall the spinner following the red marks located in the spinner and plate.

5. Make the following logbook entry:

"The Service Bulletin SB_SPXP_008 (in compliance with E-PROPS Service Bulletin HEP-SB-2025-001-b) has been complied with. A new torque setting of 8 N.m was applied in the 5 inner bolts"