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INFORMATION BULLETIN No. RTC-026b

**Technical Content of this Document is Approved on the Basis of
Authorization DOA No. EASA.21J.057.**

- 1. CONCERNING TO:** All airplanes SPORTSTAR RTC.
- 2. REASON:** Installation of the Winterization Kit.
- 3. REQUIRED ACTIONS:**
Install of the Winterization Kit in accordance with document No. ERTC022-10-AS-003 Supplement No. 3.
Installation of the Winterization Kit.
Insert document No. ERTC022-10-AS-003 in the Maintenance Manual (AMM).
Record implementation of this bulletin in Airplane Log Book.
- 4. LATEST DAY OF THE ACTION:** Immediately after receiving this bulletin.
- 5. CARRIED OUT BY:** Owner/operator of the airplane.
- 6. COSTS COVERED BY:** Owner/operator of the airplane.
- 7. NECESSARY MATERIAL:** The material can be ordered from the aircraft manufacturer.
- 8. WORK PROCEDURE:** See the bulletin text.
- 9. APPENDICES:** Supplement, No. 3 to the AMM, doc. No. ERTC022-10-AS-003.



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Ing. Radek Sejbál
Project Manager

Date: 24. 11. 2016

1. Work procedure**1.1 Necessary tools**

Indicated in the document No. ERTC022-10-AS-003.

1.2 Necessary material**1.2.1 Material which will be supplied by the manufacturer upon request.**

Name	Marking	Nomencl.	Amount
1. Screen	S9 25-00 21		1 pc
2. Screen	S9 25-01 21		1 pc
3. Screw	M4x16 ECOSYN-FIX	004986	2 pcs
4. Nut	M4 OST 1 33260-89	033601	2 pcs
5. Washer	3,7 ISO 7089	038237	2 pcs
6. Rivet	1604-0412	047590	4 pcs

1.3 Working procedure

Indicated in the document No. ERTC022-10-AS-003.

2. Effect on the aircraft documentation**2.1 Accompanying technical documentation****2.1.1 Flight Manual**

Not affected.

2.1.2 Maintenance Manual

Insert into the AMM Doc. No. ERTC022-10AS the Supplement No. 3 Doc. No. ERTC022-10-AS-003, which is annexed to this bulletin. Record the date of Supplement insertion in the list in chapter 8.1 of AMM on page 8-3 and add the signature.

2.2 Operation technical documents

After the bulletin implementation, the authorized person shall carry out the record in the Aircraft Logbook: „**Installation of the Winterization Kit to the Information Bulletin No. RTC-026b**“ and will add the date and the signature.

3. Effect on weight and balance

There is 0.078 kg increase in mass with no effect on balance.



Supplement No. 3

Installation of the Winterization Kit

Airplane Serial Number:

Airplane Registration Number:

Date of Issue:

24. 10. 2016

This Supplement must be contained in SportStar RTC Airplane Maintenance Manual if the Winterization kit is installed.

Information contained in this Supplement adds or supersedes information from basic Airplane Maintenance Manual in the further mentioned parts only.

Technical content of this supplement is approved on the basis of authorization DOA No. EASA.21J.057.



Log of Revisions

Rev. No.	Affected Pages	Description	Approved / Date	Inserted / Date



Section 1 – General

This supplement adds information which is applicable for winter operation of the SportStar RTC airplane; it means that the outside temperature is below +5 °C.

For other equipment not mentioned in this supplement see basic AMM.

Section 2 – Technical Specification

2.13.8 Engine cowlings

2.13.8.1 Description

In winter period you can install screens into the inlets for coolant and oil coolers (see Chapter 6.11 Winter Operation).

Section 3 - Operation

Not Affected.

Section 4 – Airworthiness Limitation

Not Affected.

Section 5 – Time Limits / Maintenance Checks

Not Affected.

Section 6 – Airplane Servicing

6.11 Winter Operation

6.11.2 Preparing the Airplane for Winter Operation

Engine

WARNING

ENGINE IGNITION SWITCH OFF AND REMOVE KEY!

If low cylinder head / coolant or oil temperatures occur during operation under low outside temperature, then do the following:

- Install screens into the inlets for coolant and oil coolers (see Winterization Kit Installation).
- Cover the Reduction gear unit by means of a car engine cover.



- Cover the oil filter (see instructions for Reduction gear unit).
- Cover the oil tank (see instructions for Reduction gear unit).

Winterization Kit Installation

Recommended tools and material:

Item	Designation / Dimension	Quantity	Note
Phillips screwdriver	No. 2	1 pc.	
Drill bit	ø 3.2 mm	1 pc.	
Drill bit	ø 4.2 mm	1 pc.	
Drill	-	1 pc.	
Rivet	ø 3,2 x 9,5 mm (047590)	4 pcs.	
Riveting tool	-	1 pc.	
Permanent marker	-	1 pc.	

If you are installing the oil cooler screen for the first time, then do the following:

- Remove engine cowlings.
- According to View **P** on the Fig, 6-9 fit the screen (2) into inlet and mark the location of the screen holes by marker.
- Drill holes of 4.2 mm diameter.
- By means of the screws (3) attach anchor nuts (4) and mark the location of the rivet holes by marker; anchor nuts remove.
- Drill holes of 3.2 mm diameter.
- Rivet anchor nuts (4).
- Install engine cowlings.

If the anchor nuts are installed, then do the following:

- Bent the screen (1) and insert it between the cooler and the lower engine cowling (see View **P**).
- Put the screen (2) on the appropriate place and attach it by screws (3) with washers (5).

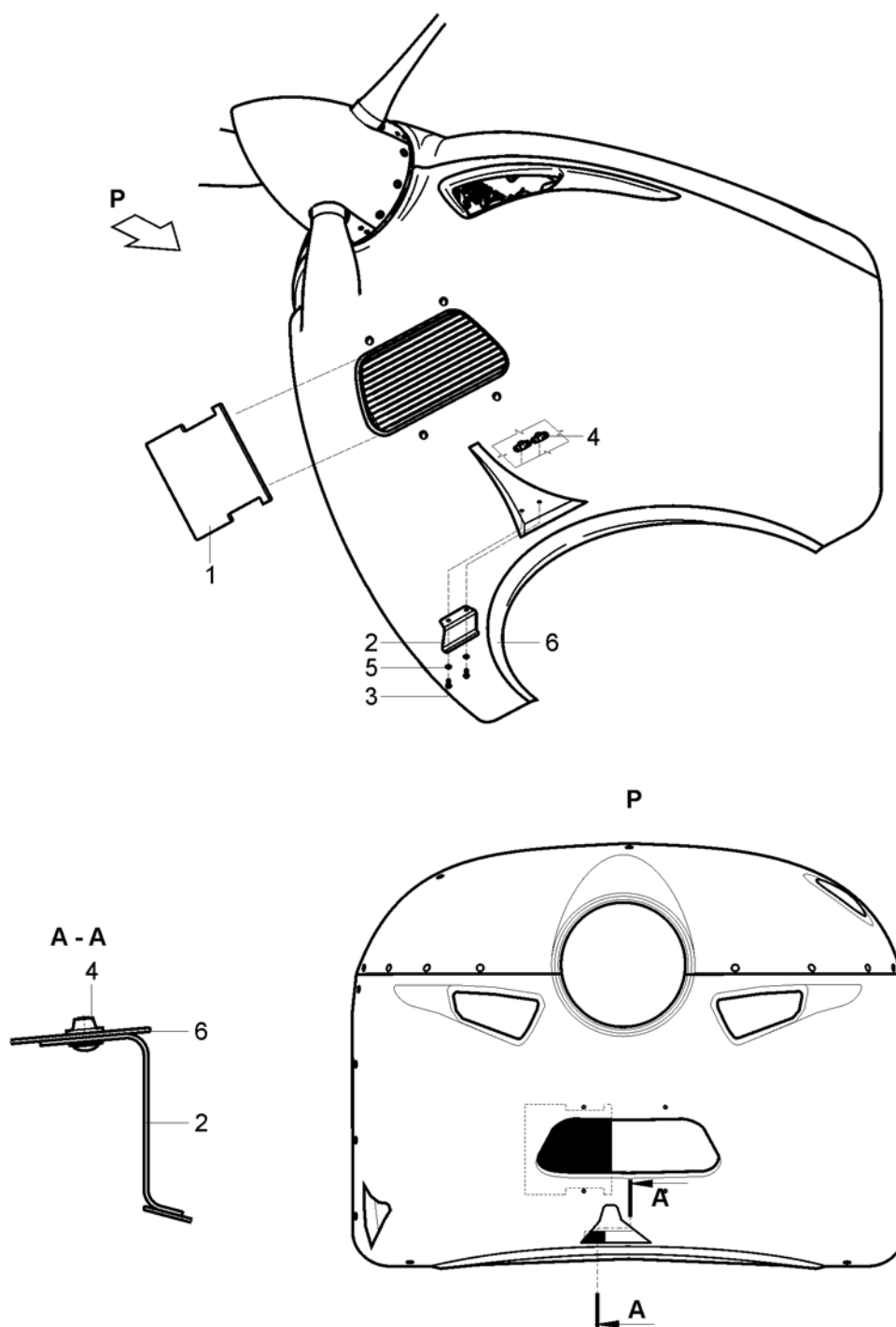


Fig. 6-9 Winterization Kit Installation

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|---|----------------------|---|------------------------------|
| 1 | Screen S9 25-00 21 | 4 | Anchor nut M4 (033601) |
| 2 | Screen S9 25-01 21 | 5 | Polyamid washer 3,7 (038237) |
| 3 | Screw M4x16 (004986) | 6 | Lower engine cowling |



Section 7 – Repairs

Not Affected.