

EMERGENCY PARACHUTE SYSTEM COVER REMOVAL, INSTALLATION AND RESEALING

A. APPLICABILITY:

All aircraft equipped with the emergency parachute system.

B. MATERIAL AND TOOL INFORMATION:

The following tools are required to perform this procedure:

ITEM	QUANTITY
Screwdriver flat	1 pc
Knife	1 pc
Brush	1 pc
Cloth	As required
Silicone sealant	As required
Separator PAT 921/A (or equivalent separator or lubricant)	As required
Tesaflex 50 4163 tape (or similar plastic tape)	As required
Isopropyl alcohol	As required

C. PROCEDURE:

WARNING

**DURING SERVICE AND REPAIR WORK BEWARE OF ACTIVATING
THE BALLISTIC RECOVERY SYSTEM!**

ENGINE IGNITION MUST BE SWITCHED OFF!

- 1) Emergency parachute system cover removal:
 - a) Make sure that the **IGNITION** switches are set to OFF.
 - b) Make sure that the emergency parachute system actuator is locked.
 - c) Make sure that no person is in the cockpit.
 - d) Remove the screws (2, Fig. 4) and the cover (1).

- 2) Emergency parachute system cover installation:
 - a) Make sure that the **IGNITION** switches are set to OFF.
 - b) Make sure that the emergency parachute system actuator is locked.
 - c) Make sure that no person is in the cockpit.
 - d) Install the cover (1, Fig. 4) on the fuselage using screws (2).
 - e) Tighten the screws (2).

- 3) Emergency parachute system cover resealing:

NOTE

THIS PROCEDURE IS NEEDED ONLY IN THE CASE OF DAMAGED SEALING, NEW COVER INSTALLATION OR OBSERVED LEAK.

- a) Make sure that the **IGNITION** switches are set to OFF.
- b) Make sure that the emergency parachute system actuator is locked.
- c) Make sure that no person is in the cockpit.
- d) Properly clean the rim on the fuselage from the old silicone sealant and impurities. Degrease the rim with alcohol.
- e) Properly clean the cover (1, Fig. 4) from the old silicone sealant and impurities.
- f) Stick the Tesaflex 50 tape around the inside edge of the cover (Fig. 1).
- g) Apply the first layer of separator PAT 921/A on the tape using a brush, let it dry approx. 20 min. (Fig. 2) and then polish with the cloth (Fig. 3).
- h) Apply the second layer of separator PAT 921/A on the tape using a brush, let it dry approx. 20 min. (Fig. 2) and then polish with the cloth (Fig. 3).
- i) Apply silicone sealant on the fuselage rim according to Fig. 4.
- j) Place the cover (1) on the fuselage and slightly tighten the screws (2) until the cover (1) is aligned with the fuselage surface.

NOTE

DO NOT OVERTIGHTEN THE SCREWS TO AVOID OF THE SILICONE SEALANT TO BE SQUEEZED OUT.

- k) Leave the silicone sealant for 24 hours to harden at room temperature.
- l) Remove the screws (2) and carefully remove the cover (1) (the silicone sealant must remain bonded to the fuselage rim).

CAUTION

DO NOT BOND THE EMERGENCY PARACHUTE SYSTEM COVER WITH SILICONE. THE COVER MUST BE SEPARATED FROM THE SILICONE SEAL TO ENSURE THAT THE EXTRACTION DEVICE WILL SEPARATE THE COVER!

- m) Check that the silicone seal is not interrupted around the circumference. Remove the excessive silicone seal.
- n) Remove the Tesaflex 50 tape from the cover (1).
- o) Install the cover (1) on the fuselage using screws (2).
- p) Tighten the screws (2).



Fig. 1 Tape application



Fig. 2 Separator application



Fig. 3 Separator polishing

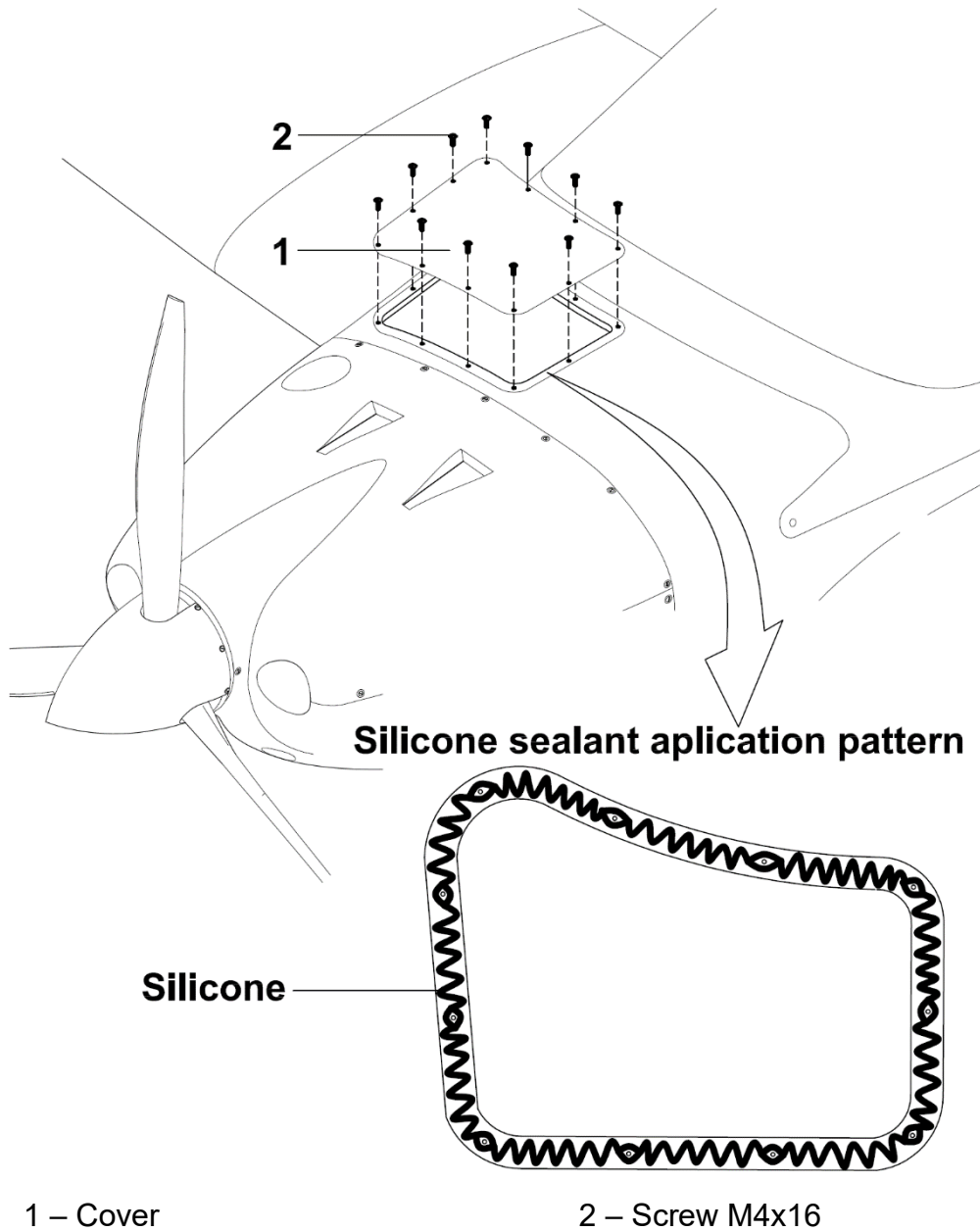


Fig. 4 Silicone application