

SERVICE BULLETIN

No. 300-4-04

Compliance mandatory

Subject: Bottom fuselage cover/firewall sealing

Affected Aircraft: Part I

EA-300	S/N	0 through 67
EA-300/S	S/N	0 through 31
EA-300/L	S/N	0 through 167, 168 through 170 (or converted to 1168 through 1170), 1171, 172 (or converted to 1172), 173 (or converted to 1173) and 1174 through 1181
EA-300/200	S/N	0 through 31

Part II

EA-300	S/N	all
EA-300/S	S/N	all
EA-300/L	S/N	all
EA-300/200	S/N	all

Purpose:

Part I To prevent fuel from entering the cockpit, gaps between the bottom fuselage cover (belly fairing) and the firewall need to be sealed with firewall sealant.

Part II The sealing procedure described in Part I of this Service Bulletin must be followed when reinstalling the bottom fuselage cover (belly fairing).

Part II of this Service Bulletin will be withdrawn with the next Service Manual revision.

Approval: The technical information contained in this document has been approved under the authority of JAA Design Organization Approval no. LBA.NJA.010.

Ordering: PR-812 firewall sealant (P/N 00559) can be ordered from:

Extra Flugzeugproduktions- und Vertriebs-GmbH
Schwarze Heide 21
D46569 Hünxe, Germany
Fax. N°: (+49)-2858-9137-30

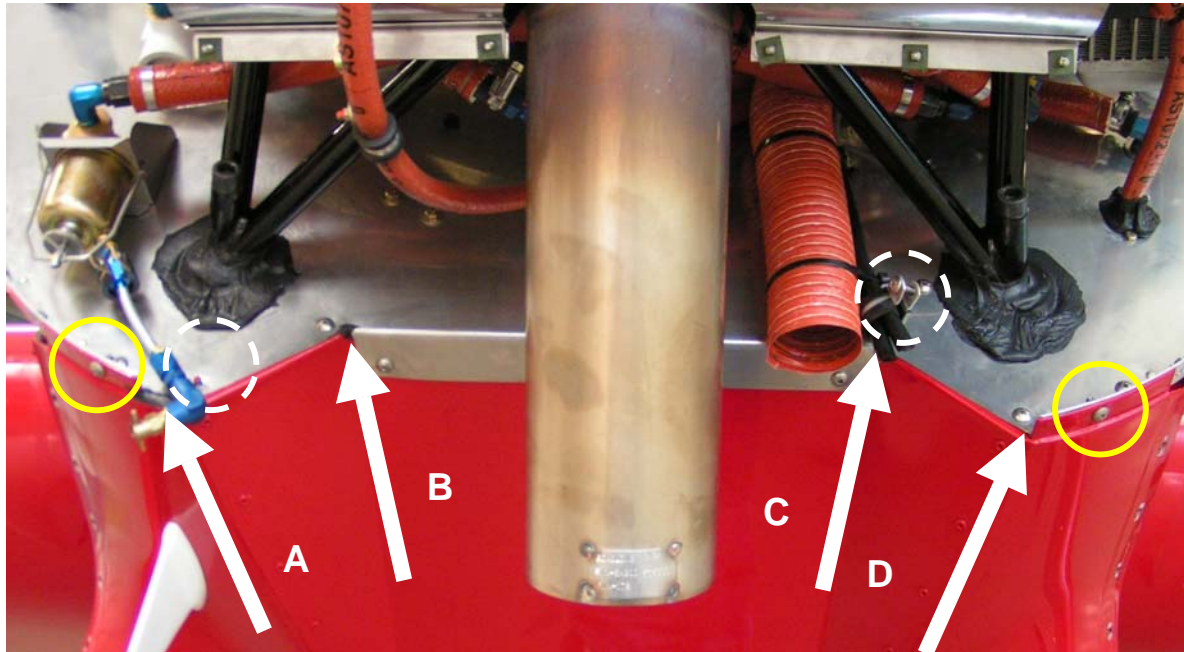
Compliance Time:

**Compliance with this Service Bulletin must be shown within the next 50 FH or 3 months,
whichever comes first.**

Instructions:

Part I

1. Remove engine cowling and the landing gear cuffs according to Chapter 51-00-01 of the Service Manual.
2. Fixate the bottom fuselage cover in its original position by fastening the bottom screws (one on either side), see two outer circles in Picture 1. Loosen the clamp screws on the gascolator drain and on the fuel pump vent lines for easy access, see inner dotted circles in Picture 1.
3. Prepare the PR-812 firewall sealant by mixing brown part A with black part B with weight ratio 2.5:100.
4. Clean the area (from inside and outside) with solvents at the four positions pointed out by the arrows in Picture 1. Immediately thereafter, dry these areas with a new dry cloth.
5. At the gascolator drain (position A), with fastened bottom screw (see 2), seal the remaining gap between the firewall and the bottom fuselage cover from the inside and the outside with the PR-812 firewall sealant. At positions B, C and D seal the small openings from the inside and the outside with the PR-812 firewall sealant. Make sure the minimum layer thickness is approximately $\frac{1}{8}$ inch (≈ 3 mm).
6. Let the sealant cure for at least 24 hours at room temperature.
7. Fasten the clamp screws on the gascolator drain and on the fuel pump vent lines and reinstall the landing gear cuffs and the engine cowling according to Chapter 51-00-01 of the Service Manual.
8. Make appropriate entry of compliance with Part I of this Service Bulletin in the aircraft logbook.



Picture 1: Forward view on bottom side firewall.

Part II

To prevent fuel from entering the cockpit, gaps between the bottom fuselage cover and the firewall (locations A through D in Picture 1) need to be sealed. Make sure to repeat the procedure described in Part I of this Service Bulletin every time the bottom fuselage cover is reinstalled. The procedure described in Part I of this Service Bulletin will be included in Chapter 51-00 of the Service Manual, at which time Part II of this Service Bulletin will be withdrawn.