

SERVICE BULLETIN No. 300-1-92

Compliance mandatory

Subject: Elevator Mass Balance

Models affected: EA-300

Serial numbers affected: V1, 001 through 034

Purpose: Cracks have been reported at the elevator mass balance support.

Approval: The technical contents of this Service Bulletin have been approved by LBA.

Compliance time: **I:** Inspection prior to next flight (inspect and dye-check elevator mass balance attachment plate. Exercise particular awareness at the areas shown in figure 1, if cracks are found inform EXTRA Flugzeugbau).

II: Change of mass balance prior to next 25hours in service or immediately in case cracks or deformations are found. No acrobatic flight prior to change of the elevator mass balance.

Instructions:

- Remove empennage fairing.
- Remove rudder and vertical stabilizer.
- Remove elevator mass balance.
- Install reinforced mass balance, PC-33202.1B using new stop nuts.
- Reinstall vertical stabilizer and rudder.
- Reinstall empennage fairing.
- Check control surface maneuverability.
- Make appropriate logbook entry of compliance with this Service Bulletin.

Note: When ordering reinforced mass balance, PC-33202.1 B, specify the actual weight of your old mass balance.

Figure 1. Elevator mass balance, critical areas for inspection:

