

SERVICE BULLETIN

No. SB-300-2-22

COMPLIANCE MANDATORY

SUBJECT: Recurrent inspection of elevator trim tab

AFFECTED:	EA 300	(EXTRA 300)	all S/N
	EA 300/S	(EXTRA 300S)	all S/N
	EA 300/L	(EXTRA 300L)	all S/N
	EA 300/LT	(EXTRA 300LT)	all S/N
	EA 300/LC	(EXTRA 330LX)	all S/N

Purpose: Cracks within the glue joint between the hinge bracket and the upper/lower shell and web of the elevator trim tab have been reported. Cracks grew left and right of the hinge position into the leading edge bond of the tab. In one case, the trim tab was finally detached from the elevator in flight.
This Service Bulletin (SB) provides information for additional recurrent inspection of the affected area in order to detect any upcoming issue at an early stage and to prevent loose condition of trim tab hinges that may result in elevator trim tab failure.

Approval: **The technical content of this document is approved under the authority of the DOA ref. EASA.21J.073.**

Compliance time: First inspection as described in this Service Bulletin at the next scheduled 25h service interval.
Recurring inspection as part of the 50-hour inspection program.

Contact: **For questions contact Extra. Contact information is given on:**

<https://www.extraaircraft.com>

Visual Inspection

- Set elevator trim to full nose down position for ease of inspection.
- Perform detailed visual inspection of trim tab hinges and area around hinges for damage, cracks, excessive wear and tear and delamination at given compliance time.
An example of progressing damage of a trim tab hinge is shown in Figure 3 below.
- Please report outcome of first inspection as per this Service Bulletin regardless of result, and further recurring inspection in case damage is found, to EXTRA by returning a copy of the completed Form in Appendix A.
- Make a permanent note of the execution of this inspection in the aircraft logbook.

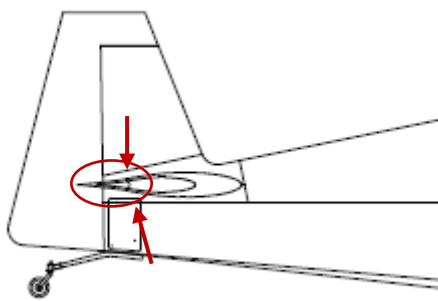


Figure 1 – EA 300 tail section right side view:
area subject to inspection

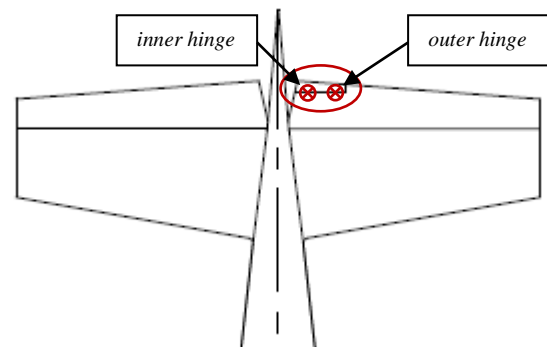


Figure 2 – EA 300 tail section bottom view:
area subject to inspection

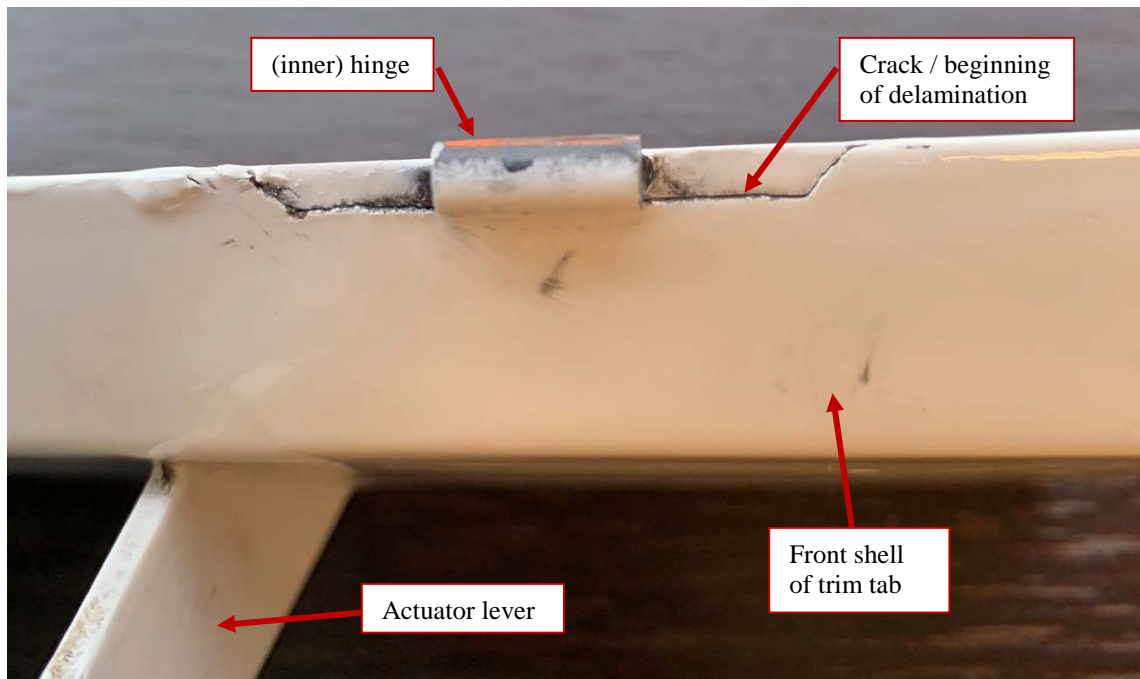


Figure 3 – Trim tab inner hinge (front view) with cracks / beginning of delamination

Appendix A:

Aircraft Type and model: **EA 300** Serial Number: _____
Owner: _____ Registration: _____
Total Time: _____ Total landings (if known): _____

The aircraft mentioned above has been inspected according this Service Bulletin.

Damage has been found: Yes No

If yes, description of damage found (if possible attach supporting sketch or pictures):

Note: in case previous inspection(s) according to this Service Bulletin have been carried out without any damage / cracks found, please also include information of total time at and date of respective last inspection here.

Comments:

Company: _____

Aircraft inspector: _____ Date: _____

Please return a copy of this page to:

EXTRA Flugzeugproduktions- und Vertriebs-GmbH
Engineering Department / Office of Airworthiness / Quality Assurance
Schwarze Heide 21

46569 Hünxe (Germany)

Fax. N°: (+49)-2858-9137-42 or email: engineering@ExtraAircraft.com