

SERVICE LETTER No. L 112

- 1. DATE:** July 7, 2014
- 2. APPLICABLE TO:** The Z 242L aircraft S/N 0665, 0666, 0667, 0704, 0707, 0708.
- 3. REASON:** Cracks on lower side of elevator skin propagating from the cut-out for push-pull rods of trim tab control.
- 4. ACTION:** Strengthen the elevator skin in the area of the cut-out for push-pull rods of trim tab control.
- 5. TIME OF ACTION:** As requested by the owner/operator.
- 6. PERFORMED BY:** Owner/operator
- 7. COSTS COVERED BY:** Owner/operator
- 8. NECESSARY MATERIAL:**
 - Strengthening pieces, P/N 999-004, 6 pieces.
 - Blind rivets 3.2x6 BE11-0408 (Order No. 311161032600), 126 pieces.
- 9. PROCEDURES:**
 - Thoroughly drill out the rivets fastening the cover of the cut-out for push-pull rods of trim tab control on lower side of elevator skin using a 2.7 mm drill bit.
 - Remove the cover.
 - Thoroughly drill out the tips of all cracks - use a 2.5 mm drill bit and, as necessary, cut out complete damaged area in case that affected area is more extensively damaged (more cracks or longer crack).

- Clean all holes, cut surfaces and edges very thoroughly.
- Measure and mark new holes on strengthening piece precisely according to enclosed drawing.
- Drill positioning holes in strengthening piece according to drilled-out holes in the cover and elevator skin using a 2.7 mm drill bit.
- Position strengthening piece on the skin and the cover on the strengthening piece firmly with the help of drilled-out holes in elevator skin
- Successively, in appropriate manner, drill the holes of \varnothing 3.3 mm in pre-drilled and marked positions and rivet the 3.2x6 BE11-0408 blind rivets.
- Paint strengthening piece and the cover as needed.

10. SUPPLEMENTS:

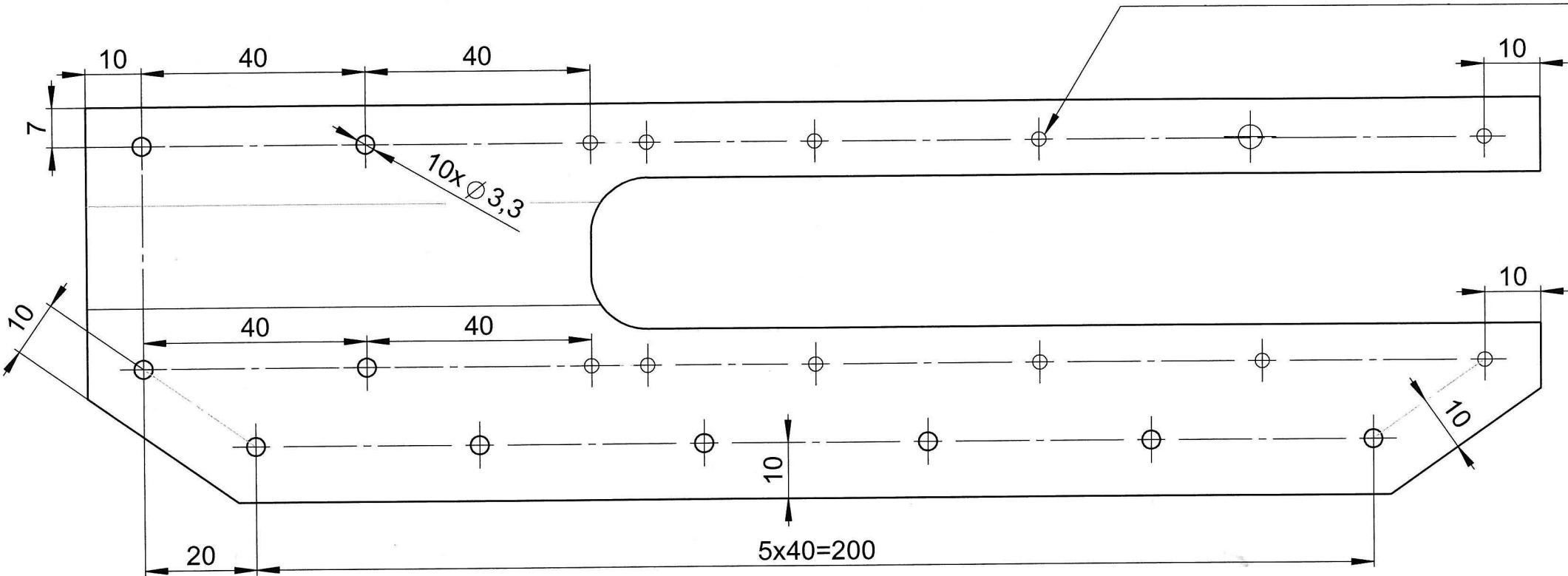
- Supplement No. 1 – Drawing specifying drilling holes for riveting strengthening piece and the cover - drilling new holes and drilling holes according to the holes drilled-out in the cover and elevator skin.



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Drill 11 holes \varnothing 2.7 mm according to drilled-out cover and skin.
Redrill to \varnothing 3.3 mm when riveting.



Service Letter No. L112, Supplement No.1