

SUBJECT:

Inspection of gap between the elevator root hinge assembly and the vertical stabilizer skin.

AFFECTED:

All aircraft WT-9 Dynamic from S/N DY-672 to DY-696 (inclusive), DY-699, from DY-701 to DY-704 (inclusive).

All aircraft WT-9 Dynamic where the elevator root hinge assembly with P/N. D55200300A was used as a spare part.

COMPLIANCE:

At the next periodic inspection.

MASS DATA:

Weight change: None
Moment change: None

REASON:

In operation it was observed that the root hinge assembly may come into contact with the cut-out edge of the vertical stabilizer skin at maximum up deflection of elevator. This will result in local minor damage of the skin at the contact point.

ARRANGEMENTS:

Perform an inspection of the gap between elevator root hinge assembly and the vertical stabilizer skin as follows:

1. Set the elevator trim to full aft position (aircraft tail heavy) and fix the control stick at the rear stop (elevator deflection 30° up) with the help of an assistant or by other appropriate means.
2. Visually inspect the gap "X" between the elevator root hinge assembly and the upper cut-out edge of the vertical stabilizer skin (Fig. 1). The minimum gap "X" is 2 mm.

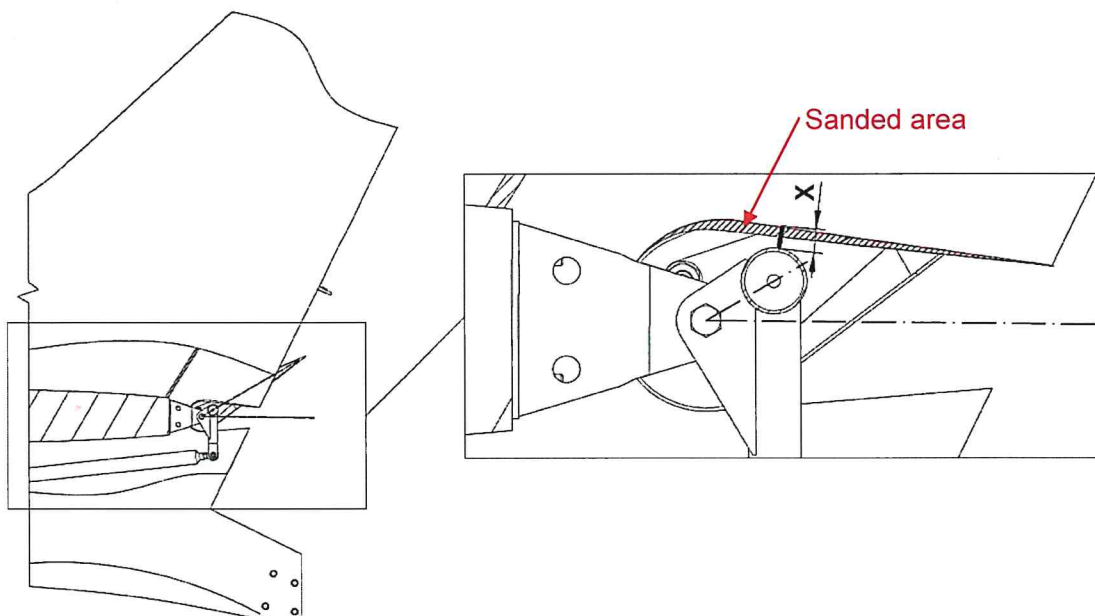


Fig. 1

If a smaller gap is found, perform the following procedure:

3. Set the elevator trim to full forward position (aircraft nose heavy) and fix the control stick at the forward stop (elevator deflection 20° down) to gain access to the work area.

Note: The rudder does not have to be removed to complete this procedure.

4. Protect the elevator root hinge bearing by appropriate means to prevent debris from getting into the bearing.
5. Sand the edge of the vertical stabilizer skin using sandpaper (grit 120) until the prescribed gap "X" is ensured (Fig. 1).
6. Clean the sanded area and remove debris.
7. Remove the protection of the elevator root hinge bearing.
8. Release the control stick from the fixed position.
9. Record the compliance with this bulletin into aircraft documentation.

MATERIAL AND LABOR TIME:

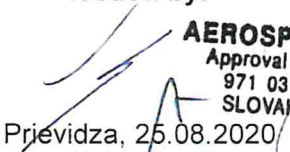


Material: Sandpaper (grit 120)
Labor time: Work time max. 0.5 hour

DOCUMENTATION:

None.

ANNEXES:

None.

<p>Issued by:</p>  <p>AEROSPOOL spol. s r.o. Approval SK NPOA.002 971 03 PRIEVIDZA SLOVAK REPUBLIK</p> <p>Prievidza, 25.08.2020 Place, date, signature</p>	<p>Approved by:</p> <p>Maroš Jančula</p>  <p>Document No 18617/2020/OSL</p> <p>Bratislava, 16.09.2020</p> <p>Slovak Republic Transport Authority</p> 
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