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MANDATORY

**SERVICE
BULLETIN**

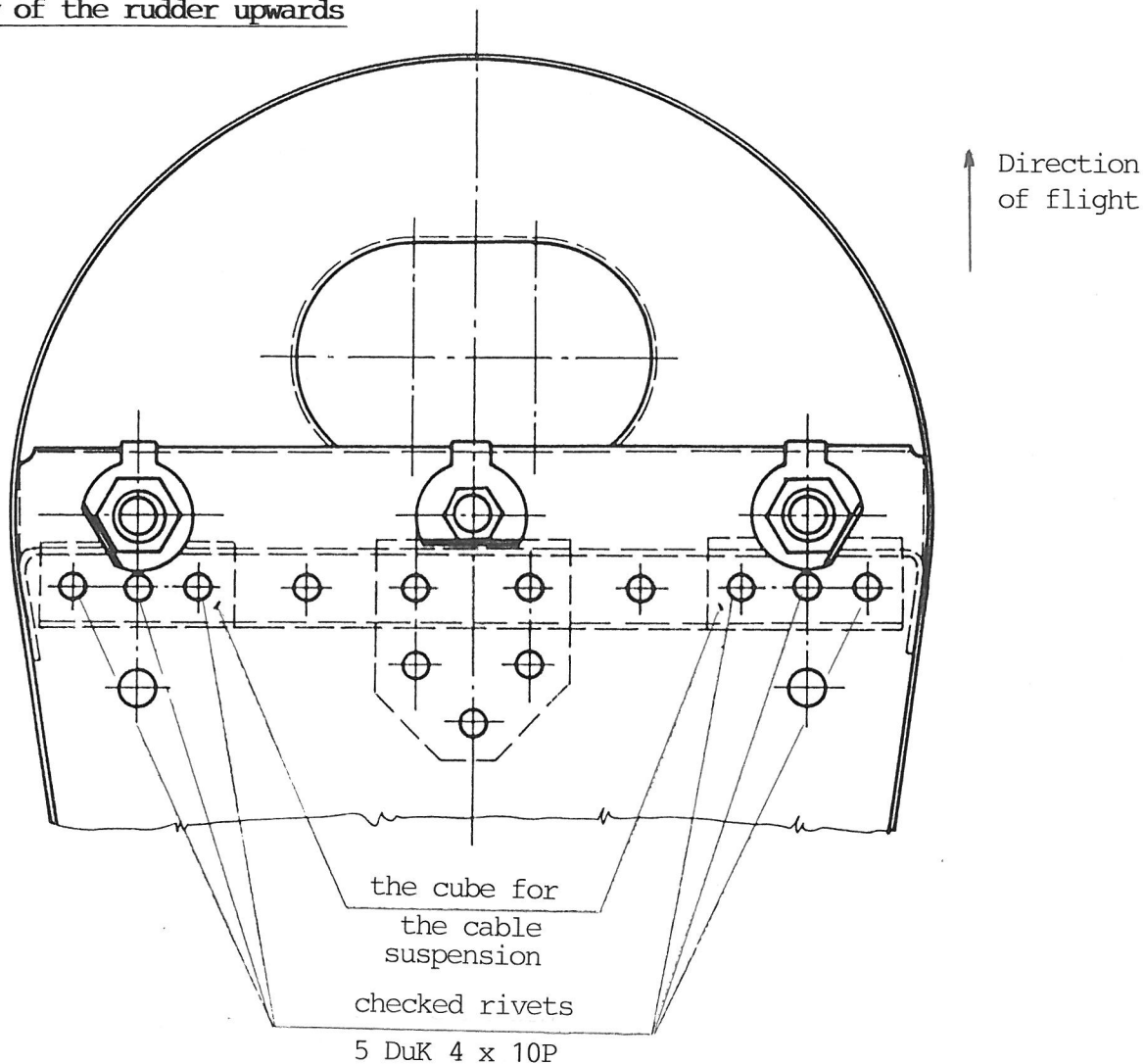
MANDATORY SERVICE BULLETIN Z 50/42a AND Z 50M/14a

Engineering Aspects are
Czech CAA Approved

1. **DATE:** May 25, 1998
2. **MODELS AFFECTED:** All Z 50L, Z 50LA, Z 50LE, Z 50LS, Z 50LX and Z 50M aircraft.
3. **SUBJECT:** Occurrence of damage of riveted joint of the foot control cable suspensions at the rudder.
4. **CORRECTION:**
1. One-time inspection followed by repair, it necessary, of riveted joint of the foot control cable suspensions at the rudder.
Note: At the aircraft S/N 0064, 0065, 0070, 0071, 0072, 0073, 0074, 0076 and 0078 the check and repair have been done by the Manufacturer.
 2. Regular check of the riveted joint of the foot control cable suspensions at the rudder while doing prescribed inspections of the aircraft.
 3. Corresponding adjustment in the Technical Manual and Airplane Flight Manual.
5. **TIME OF COMPLIANCE:**
- Correction 1: before next flight
- Correction 2: at prescribed inspections of the aircraft during the operation in compliance with Technical Manual
- Correction 3: immediately after receiving the bulletin
6. **CORRECTION PERFORMED**
- EXPENSES COVERED BY:** The Operator.
Necessary material to Correction 1. will be supplied without charge by the Manufacturer against the order.
7. **PROCEDURE:** Correction 1:
- A. Removal:
1. Disconnect cables of the foot control at the rudder.
 2. Remove the rudder off the aircraft.
- B. Check:
1. At the bottom of the rudder at the point of fastening suspensions for cables of the foot control, check the following:
a) damage (loosening or cutting-off) of the rivets by means of which the cubbes for the cable suspensions of the foot control are fastened (Fig. 1);

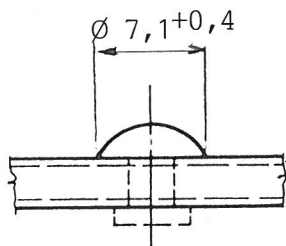
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Fig. 1: View of the rudder upwards



- b) diameter of the rivets by means of which the cubes for the cable suspensions of the foot control are fastened. The correct diameter of the rivet shank is 4 mm, to measure according to the diameter of the rivet head that is $7,1^{+0,4}$ mm (Fig. 2.)

Fig. 2: Detail of the rivet



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Either loosened or cut off rivets according to the point a) or undue diameter according to the point b) are inadmissible. If you find out the damage according to the point a) or using the undue rivet diameter according to the point b) accomplish working procedure described in the Service Instruction No. 5 (Enclosure 2 of this bulletin).

C. Installation:

1. Reinstall the rudder. Lock the castellated nut at the top suspension with cotter pin.
2. Connect the cables of the foot control.
3. Set up pre-stressing in the cables of the foot control and set up displacement of the rudder according to the Technical Manual.

Correction 2:

In accordance with Technical Manual.

Correction 3:

Replace the old pages with enclosed new pages dated on May 25, 1998 in the following manuals:

- Technický popis Z 50L, LA: pages 8, 102, 108
- Technický popis a návod k obsluze Z 50LS: pages 8, 107, 114
- Technický popis a návod k obsluze Z 50LX: pages 8, 107, 114
- Technický popis a návod k obsluze Z 50LE: pages 0-3, 0-5, 3-27, 3-34
- Technický popis Z 50M: pages 0-3, 0-5, 3-26, 3-32
- Z 50L, LA Technical Manual: pages 8, 102, 109
- Z 50LS Technical Manual: pages 8, 108, 116
- Z 50M Technical Manual: pages 0-3, 0-5, 3-33, 3-42
- Z 50LX Technical Manual: pages 8, 108, 116
- Z 50LS Technische Beschreibung und Bedienungsanleitung: pages 8, 106, 114

Make entry of the replacement into the List of Changes.

8. NECESSARY MATERIAL:

The material for check and repair, as needed, is described in the paragraph 7 of this bulletin and in the Service Instruction No. 5.

The new pages of the Technical Manual (Correction 3).

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9. ENCLOSURE:

1. New pages in accordance with paragraph 8 (Correction 3) of this bulletin (will received by the holders of the corresponding manuals).
2. Service Instruction No. 5.



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Radek Sejbál
Chief Designer

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