

**MANDATORY SERVICE BULLETIN No. Z 50/37a, Z 50M/08a**

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1. **MODELS AFFECTED:** All Z 50LE, Z 50LS, Z 50LX, Z 50M aircraft.
2. **SUBJECT:** Sporadically occurred failure of the rudder control cable.
3. **CORRECTION:**
  - a) Replace the rudder control cables Drwg. No. 153.0.422.001 on the aircraft.
  - b) Return spare rudder control cables (from the Operator's store) to the manufacturer because of replacement by the new ones.
4. **TIME OF COMPLIANCE:** Immediately after this Bulletin receipt.
5. **CORRECTION PERFORMED BY:** The Operator of aircraft.
6. **EXPENSES COVERED BY:** New cables - the Manufacturer of aircraft; disassembly, assembly - the Operator of aircraft.
7. **NECESSARY MATERIAL:** New rudder control cables Drwg. No. 153.0.422.001E will be delivered by the Manufacturer of aircraft free of charge. New rudder control cables are to be marked on terminations with the YELLOW colour.
8. **PROCEDURE:** According to the Enclosure No. 1.
9. **THIS BULLETIN IS EFFECTIVE FROM THE DATE OF APPROVAL BY THE CIVIL AVIATION INSPECTORATE.**
10. **ENCLOSURES:**
  - a) No. 1 - Replacement of the rudder control cables.
  - b) No. 2 - Adjustment of the spring-actuated mechanism.

  
František Tížek

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Manufacturer's  
Representative

  
Milan Vyhnálek

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CAI Representative

*June 6, 1996*  
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Date of Approval by the CAI

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### Replacement of the Rudder Control Cables

- A. Dissassembly: Release the cable turnbuckle on the rudder pedals in the cockpit. Slacken the cable by turning the turnbuckle release and remove the pin that connects the cable with the turnbuckle. Release the pins of pulleys in the fuselage and remove these pulleys. Dismount the cable bonding strap at the last bulkhead in the fuselage, release and remove the pin that connects the cable with the rudder. Draw out the cable inward the fuselage rear part.
- B. Assembly: Carry out it by the reverse procedure. After cables are installed, stretch them using turnbuckles. Adjust mechanism in the fuselage front part (the length is measured between the spring eyes - See Fig. in the Enclosure No. 2). Check proper adjustment with the dynamometer - prestressing  $440 \pm 50$  N.
- C. Make logbook entry.

Adjustment of the Spring-actuated Mechanism

