

MANDATORY SERVICE BULLETIN Z 50/40a-Rev.1, Z 50M/12a-Rev.1

Supersedes Mandatory Service Bulletin Z 50/40a, Z 50M/12a, dated May 26, 1997

Engineering Aspects are
Czech CAA Approved

1. DATE: December 1, 1997
2. MODELS AFFECTED: All Z 50L, Z 50LA, Z 50LS, Z 50LX, Z 50LE and Z 50M aircraft.
3. SUBJECT: Sporadically occurred damage of the stabilizer rear attachment fitting.
4. CORRECTION:
 1. Check of the riveted joint of the stabilizer rear attachment fitting on L.H. as well as R.H. side.
 2. Regular check of the stabilizer attachment fittings at scheduled maintenance inspections of the aircraft.
 3. Related revisions of the data in the Flight Manual and Technical Manual.
 4. At the aircraft that have not been still subjected to the overhaul and at which no damage of the stabilizer rear attachment fitting riveted joint has been detected till that time accomplish working procedure acc. to the Service Instruction No. 4 at the overhaul.

CAUTION:
 The Manufacturer points out necessity to observe the operating limitations specified by the Airplane Flight Manual and the prescribed procedures for servicing and maintenance of the aircraft. There is inadmissible to handle the aircraft by pushing on the stabilizer.
5. TIME OF COMPLIANCE:

Correction 1. - before next flight, immediately after the Bulletin receipt.

Correction 2. - during the operation in compliance with the appropriate Flight Manual and Technical Manual.

Correction 3. - immediately after the Bulletin receipt

Correction 4. - at the overhaul unless it has been still performed.

6. CORRECTION PERFORMED

AND EXPENSES COVERED BY: The Operator.

7. NECESSARY MATERIAL: Connecting material (coter pins) for reinstallation after checking.
New sheets acc. to point 8 (Correction 3) of this Bulletin will be delivered along with the Bulletin by the Manufacturer of Aircraft.

8. PROCEDURE:

CORRECTION 1.:

A. REMOVAL:

1. Remove fairings between the stabilizer and the tail fin.
2. Disconnect cables of the trim tab control from L.H. elevator.
3. Remove L.H. and R.H. elevator.

B. CHECK:

Check the riveted joint at L.H. and R.H. stabilizer rear attachment fittings both visually and by touch from the spar rear side and through the hole in the spar web from inner side by touch and using the mirror while loading the stabilizer on the tip rib alternately upwards - downwards and forwards-backwards. The first rivet of the fitting should be checked from the web inner side through the slot disclosed after removal of the fairing. The checking procedure is shown in the enclosure, see Fig. 1 up to 5. Either loosened or cut off rivets are inadmissible. If the riveted joint is detected, accomplish working procedure described in the Service Instruction No. 4.

C) INSTALLATION:

1. Reinstall L.H. and R.H. elevator. Lock the castellated nuts with cotter pins.
2. Connect cables of the trim tab control at L.H. elevator.
3. Reinstall fairings between the stabilizer and the tail fin.

Make entry of the accomplished check into the Aircraft Logbook.

CORRECTION 2.:

In accordance with the Flight Manual and Technical Manual.

CORRECTION 3.:

Replace old sheets with new ones dated Rev.1.12.1997, in appropriate manuals:

In the Czech version:

- Letová příručka Z 50L, LA: pages 1-4,4-4;
- Technický popis Z 50L, LA: pages 8,82,102;
- Letová příručka Z 50LS: pages 1-4,4-4;
- Technický popis a návod k obsluze Z 50LS: pages 8,82,107;
- Letová příručka Z 50LX: pages 1-4,4-4;
- Technický popis a návod k obsluze Z 50LX: pages 8,82,107;
- Letová příručka Z 50LE: pages 1-4,4-4;
- Technický popis a návod k obsluze Z 50LE: pages 0-3,0-5,3-4,3-27;
- Letová příručka Z 50M: pages 0-5,1-4,4-4;
- Technický popis Z 50M: pages 0-3,0-5,3-4,3-26.

In the English version:

- Z 50L, LA Flight Manual: pages 1-4,4-4;
- Z 50L, LA Technical Manual: pages 8,82,102;
- Z 50LS Flight Manual: pages 1-4,4-4;
- Z 50LS Technical Manual: pages 8,82,108;
- Z 50M Flight Manual: pages 0-5,1-4,4-4,4-7;
- Z 50M Technical Manual: pages 0-3,0-5,3-5,3-33.

In the German version:

- Z 50L, LA Flughandbuch: pages 1-3,4-3;
- Z 50LS Flughandbuch: pages 1-4,4-4;
- Z 50LS Technische beschreibung und bedienungsanleitung: pages 8,82,106.

Enter and confirm this revision into the Log of Revisions.

CORRECTION 4.:

In accordance with the Service Instruction No. 4.

9. ENCLOSURE:

1. Figures No. 1 to 5.
2. New sheets acc. to point 8 (Correction 3) of this Bulletin.
3. The Service Instruction No.4, published in the enclosure of the superseded Mandatory Bulletin Z 50/40a, Z 50M/12a, continues in effect.



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ENCLOSURE

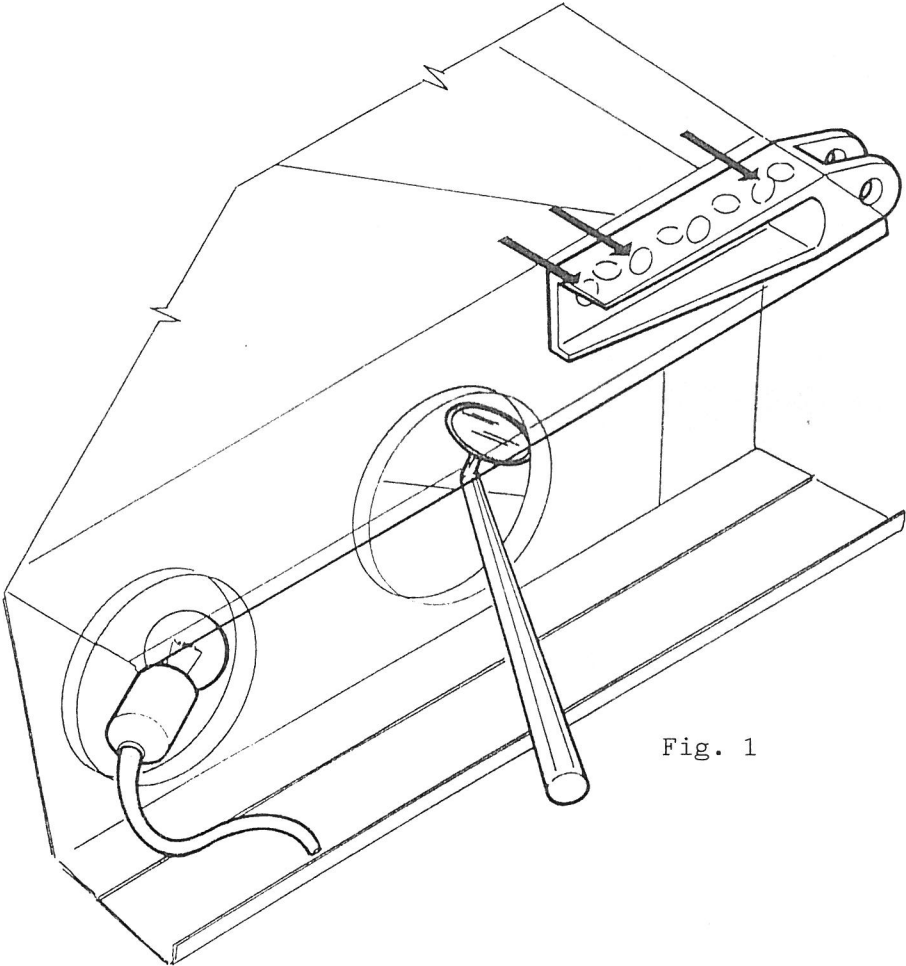


Fig. 1

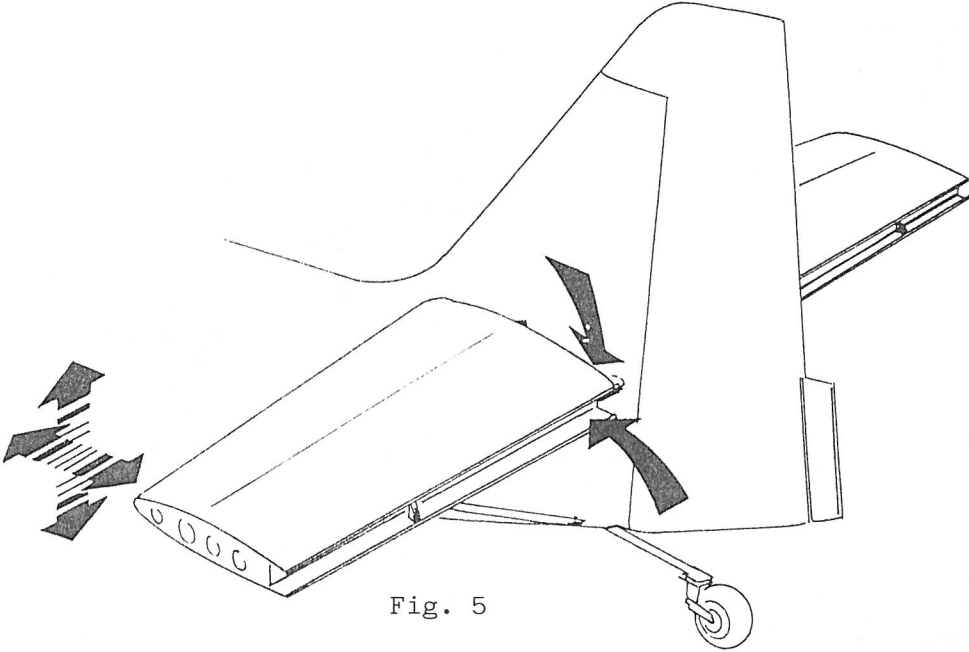


Fig. 5

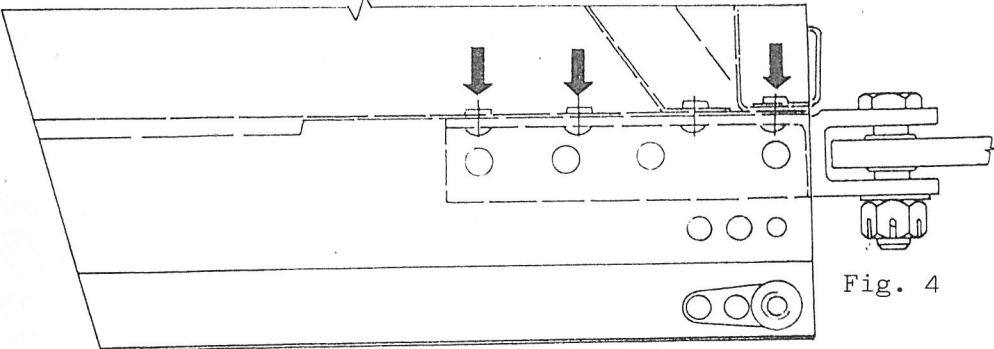


Fig. 4

ENCLOSURE

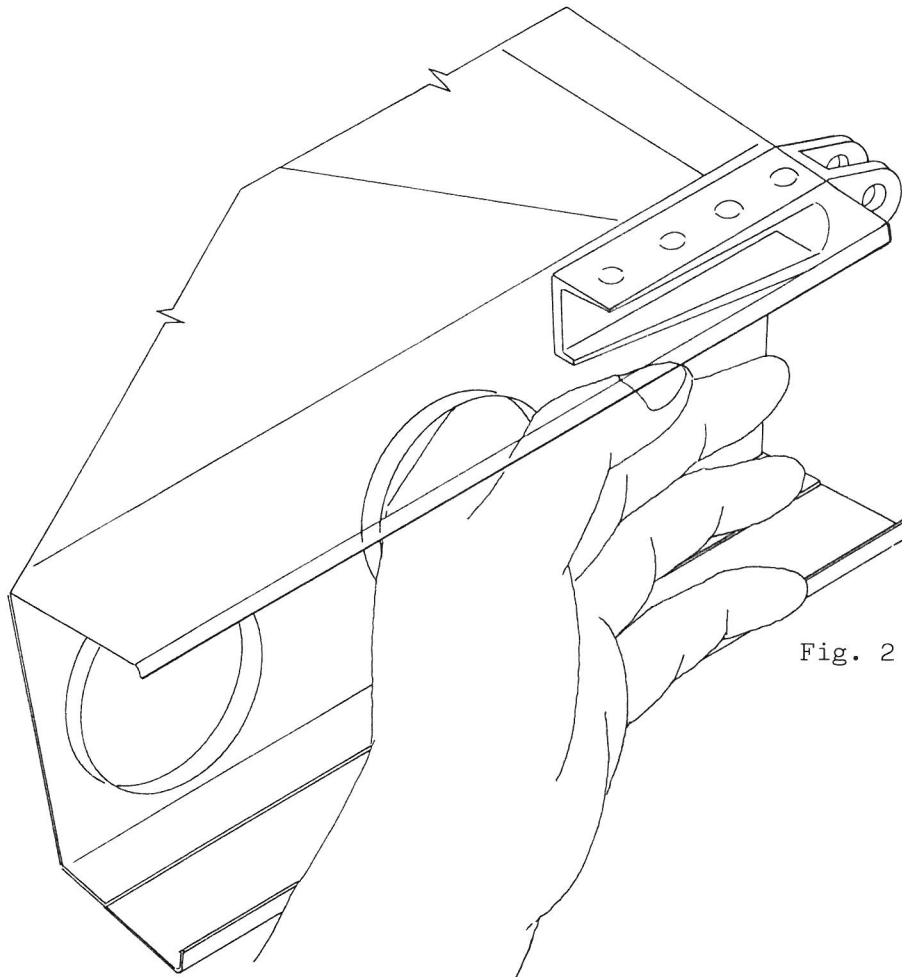


Fig. 2

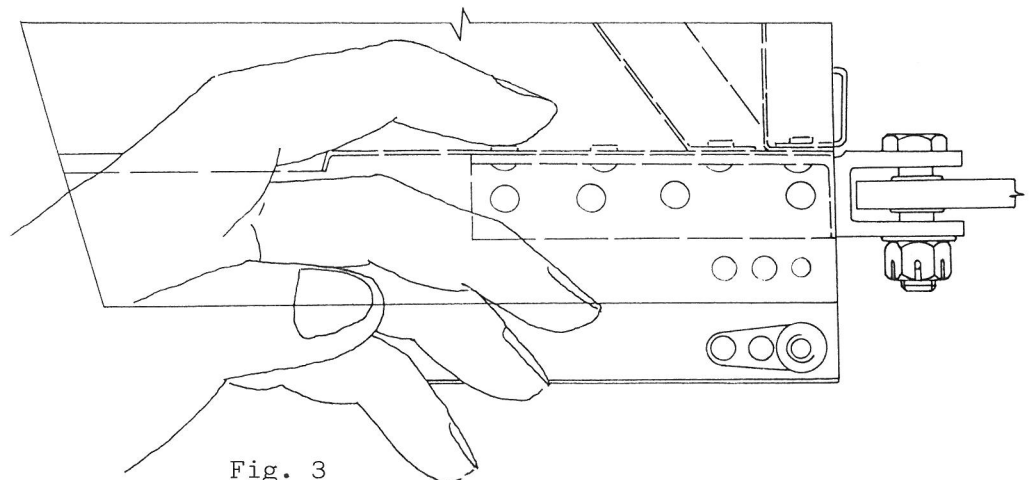


Fig. 3