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**MANDATORY**

**SERVICE  
BULLETIN**

**MANDATORY BULLETIN Z 242L/42a**

SAFETY RELATED

Engineering aspect are CAA approved

1. **DATE:** October 7, 2002
2. **MODEL AFFECTED:** All Z 242 L aircraft.
3. **SUBJECT:** Possibility of tube loosening in "Tee" assembly, P/N L 242.7100-06.00 or L 242.7600-06.00 and in "Elbow" assembly, P/N L 242.7100-05.00 in aircraft oil system.
4. **CORRECTION:**
  - 4.1 Check of the adhesive joint in "Tee" assembly, P/N L 242.7100-06.00 or L 242.7600-06.00 and in "Elbow" assembly, P/N L 242.7100-05.00.
  - 4.2 Bonding of appurtenant tube in case that the tube was found loose.
  - 4.3 Execution of regular annual inspections of mentioned adhesive joints.
  - 4.4 Exchange in the Maintenance Manual of the Z 242 L Aircraft (Doc. No. 003.021.1 – Czech Version, Doc. No. 003.022.1 – English Version), primary pages for the pages enclosed to the bulletin.
5. **TIME OF COMPLIANCE:** Immediately after receipt of the bulletin.
6. **CORRECTION PERFORMED BY:** Operator.
7. **EXPENSES COVERED BY:** Operator.

**8. PROCEDURE:**

- 8.1** Remove the “Tee”, P/N L 242.7100-06.00 or L 242.7600-06.00 and the “Elbow” P/N L 242.7100-05.00 from the aircraft oil system. Check in oil bath 100 °C warm if the tube bonded in the “Tee” or “Elbow” assembly is not loose. If the tube is loose, pull it out from the “Tee” or “Elbow”. Clean both of surfaces to be bonded thoroughly and degrease them with acetone or LOCTITE 7063 or 7061 degreaser. Lay the adhesive LOCTITE 638 to the bonded tube surface on. Slide the tube in to the fitting body with using a rotation motion.  
After the check or bonding process is completed, mount the “Tee” or “Elbow” back to the aircraft oil system. Mount the newly bonded “Tee” or “Elbow” only when the adhesive is entirely cured (approximately after 24 hours at 22 °C).  
Proceed according to instruction stated in relevant LOCTITE Technical Data Sheet in the bonding process.
- 8.2** Works described in point 8.1 shall be performed regularly after one year of operation.
- 8.3** In the Maintenance Manual of the Z 242 L Aircraft Vol. I (Doc. No. 003.021.1 – Czech version) – remove old pages: 0-3; 0-4; 0-5; 5-5; 5-21.
  - Insert new pages Revision No. 9 dated October 7, 2002 – see Enclosure.
  - Write the change performance into the LOG OF REVISION
- 8.4** In the Maintenance Manual of the Z 242 L Aircraft Vol. I (Doc. No. 003.022.1 – English version) – remove old pages: 0-3; 0-4; 0-5; 5-5; 5-21a.
  - Insert new pages Revision No. 9 dated October 7, 2002 – see Enclosure.
  - Write the change performance into the LOG OF REVISION

**9. NECESSARY MATERIAL:**

- 9.1** In case of bonding according to point 4.2: LOCTITE 638 adhesive and acetone or LOCTITE 7063 or 7061 degreaser. Assured by operator.

- 9.2** New pages of Maintenance Manual of the Z 242 L Aircraft  
Vol. I (see Enclosure).

**10. ENCLOSURE:**

New pages of Maintenance Manual of the Z 242 L Aircraft  
(Doc. No. 003.021 – Czech version):  
0-3; 0-4; 0-5; 5-5; 5-21; 5-21a; 5-21b.

New pages of Maintenance Manual of the Z 242 L Aircraft  
(Doc. No. 003.022 – English version):  
0-3; 0-4; 0-5; 5-5; 5-21a.

  
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**Dušan Totek**  
Chief designer

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