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**MANDATORY**

**SERVICE  
BULLETIN**

MANDATORY SERVICE BULLETIN Z 42/42a; Z 43/34a; Z 142/37a;  
Z 142C/13a; Z 242L/24a; Z 143L/8a;

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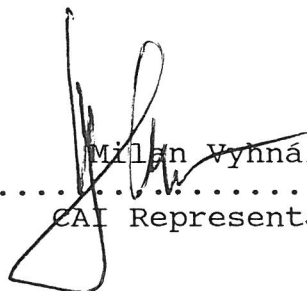
1. MODELS AFFECTED: All Z 42M, MU, Z 43, Z 142, Z 142C, Z 242L and Z 143L aircraft. Z 242L aircraft from S/N 0691 as well as Z 143L aircraft from S/N 0015 are manufactured in compliance with Correction 3.1 of this Bulletin.
2. SUBJECT: Unless the plays in the main landing gear attachment to the fuselage are checked and eliminated during operation, the bolt of the landing gear leg attachment can be damaged or fully broken.
3. CORRECTION: Check and elimination of the plays in landing gear leg attachment and replacement of old attachment bolts Drwg. No. Z 42.5100-00.05 with the new ones Drwg. No. Z 143.5100-00.08.
  - 3.1 Replace attachment bolts at the next 1500-hour inspection or at overhauls. In case of the attachment hole damage detection, repair the hole by re-reaming and replace the attachment bolt with the bolt of appropriate dimension:  
Drwg.No. Z 143.5100-00.13 ( $\phi$  12.1 f8)  
Drwg.No. Z 143.5100-00.14 ( $\phi$  12.2 f8)  
Drwg.No. Z 143.5100-00.17 ( $\phi$  12.3 f8)  
Drwg.No. Z 143.5100-00.18 ( $\phi$  12.4 f8)
  - 3.2 In the course of operation the instructions specified for maintenance of the main landing gear attachments must be followed :
    - At 100-hour inspections regularly check the play in the landing gear leg attachment. Eliminate the play, if any, with use of the eliminating spacer and by tightening the attachment bolt. Check the attachment bolt visually, without disassembly, for deformations, head damage, replace the damaged bolt and check the attachment hole.
    - At 1500-hour inspections or at overhauls regularly check the attachment hole. Replace the attachment bolt with the new one and repair damaged hole by re-reaming .
4. TIME OF COMPLIANCE: In accordance with Sect. 3 of this Bulletin.

5. CORRECTION  
PERFORMED BY: The Operator of aircraft.  
The repair, if necessary, is to be performed  
by the authorized organization.
6. EXPENSES  
COVERED BY: The Operator of aircraft.
7. PROCEDURE: The procedure that should be followed at check  
and elimination of the play in the landing  
gear leg attachment as well as the procedure  
for check and repair of damaged attachment  
hole are specified in the Operator's Manual  
and in the Maintenance Manual, VOL. I and II,  
of appropriate aircraft model.
8. NECESSARY  
MATERIAL: New attachment bolts Drwg. No. Z 143.5100-  
00.08 or attachment bolts of appropriate  
dimensions for repair Drwg. No. Z 143.5100-  
00.13, .14, .17 and .18 will be delivered by  
the Manufacturer of aircraft to order.  
The Manufacturer recommends to ascertain  
needed dimension of attachment bolts for  
replacement at next 1500-hour inspection and  
to order them at him in advance .
9. THIS BULLETIN IS EFFECTIVE FROM THE DATE OF APPROVAL BY THE CIVIL  
AVIATION INSPECTORATE.



František Tížek

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Manufacturer's  
Representative



Milan Vyhnálek

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CAI Representative

*August 19, 1996*  
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Date of Approval by the CAI

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