
Subject: Elevator lever exchange

Concerned: G 115/ G 115A/ G 115B, all S/N's

Urgency: before reaching 1000 flight hours, but an earlier exchange is recommended

Procedure: Service Bulletin TM 1078-29 prescribes a periodic inspection of the elevator lever P/N 115-3571 during the 100-h-inspection. This inspection can be eliminated by the replacement of the new designed elevator lever P/N 115-3571/1.

Actions: The exchange must be performed as follows:

Note: It is recommended, to perform the exchange of the elevator lever in combination with Action B of Service Bulletin 1078-30.

1. Remove rudder, according to MM Chapter 27-20-30.
2. Disconnect elevator rod 3 from elevator lever by removing screw (1), washer (2) and nut (3).

3. Remove elevator and elevator lever.
   - remove 2 screws M6 (4), washer (5) and nuts (6)
   - disconnect L/H elevator trim tab actuators, according to MM Chapter 27-40
   - remove spiral pins (7) from elevator hinges (8)
   Note: Support hinges with a proper tool to prevent delamination of the hinges!
   - remove hinge pins (9) and remove elevator rearwards, remove elevator lever
4. Install new elevator lever P/N 115-3571/1, using new screws and nuts (refer to sketch). If Action B of Service Bulletin TM 1076-30 is not performed at the same time, 2 plates (10) P/N 115-3573.03/1 must be installed during assembly.

Install elevator (in reverse order to workstep 3).

**Note**

The installation of an auxiliary hinge ring is recommended for easier assembly (refer to sketch). For this a 6 mm longer hinge bolt must be used (refer to appendix "Internal Change Note IM 115-19").

<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Plate</td>
<td>115-3573.03/1</td>
</tr>
<tr>
<td>11</td>
<td>Hinge</td>
<td>115-1140</td>
</tr>
<tr>
<td>12</td>
<td>Spiral pin</td>
<td>DIN 7344 2x10</td>
</tr>
<tr>
<td>13</td>
<td>Auxiliary hinge ring</td>
<td>106B-1125</td>
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<tr>
<td>14</td>
<td>Hinge bolt</td>
<td>DIN 1434 6F-34</td>
</tr>
<tr>
<td>15</td>
<td>Hinge bolt</td>
<td>DIN 1434 6F-46</td>
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</tbody>
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Elevator Lever P/N 115-3571/1
5. Install rudder, according to MM Chapter 27-20-30.
6. Check adjustment of elevator and rudder control, according to MM Chapter 06.
7. Perform functional test of elevator and rudder control.

Material: The material can be obtained from GROB with the attached Purchase Order.

Weight and Balance: not concerned

Remarks: If you have sold your aircraft in the meantime, would you kindly pass this information on to the new owner and forward his name and address and aircraft S/N to us.

Mattsies, 12 August 1993

Dipl.Ing. J. Altmann
(Airworthiness engineer
certification staff)

LBA approved:
This Service Bulletin is originally written in German and approved by the German LBA on the 14 October 1993. The translation has been accomplished to the best of our knowledge and judgement. In case of doubt, the German original is authoritative.