SUBJECT: FUSELAGE TUBULAR STRUCTURE CLAMP

MODELS/ SERIAL NUMBERS AFFECTED: M20K - S/N 25-0001 thru 25-0247

TIME OF COMPLIANCE: MANDATORY compliance within 90 days of notification.

INTRODUCTION: To prevent the possibility of the lower tubular fuselage longeron buckling under severe positive gust conditions, a tubular clamp is to be installed to stabilize the tube.

INSTRUCTIONS:
1. Remove the right hand front seat assembly.
2. Remove the door threshold.
3. Remove the right hand lower side panel assembly.
4. Remove the gray sealing tape between the wing fillet and floor side angle.
5. Remove the belly panel assembly directly below the entry door.
6. Remove wing to fuselage belly fairing by drilling out attaching rivets. (See Sect. A-A of Fig. M20-220-1).
7. Cover the inside surfaces of the M20-220-003 and -004 tube halves with sealer MIL-S-8802, Class B, such as PR 1422B, CS 3204 or Pro Seal 890.
8. Place the M20-220-003 and -004 tube halves over the 340117-119 tube as shown in Figure M20-220-1.
9. Install the M20-220-001 straps as shown in Figure M20-220-1. Be sure that no interference is made with lines or electrical wiring.
10. Tighten bolts to 20-25 in-lbs. torque.
11. Wipe off excess sealant.
12. Reseal the area with gray duct tape.
13. Replace wing fillet using blind fasteners NAS 1919B-4-1 or NAS 1738B-4-1.
14. Replace belly panel.
15. Replace lower right hand side panel.
16. Replace threshold.
17. Replace right hand seat assy.
18. Enter compliance in aircraft log book and fill out and return compliance card.

PARTS LIST:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>M20-220-003</td>
<td>Tube Half</td>
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<tr>
<td>1</td>
<td>M20-220-004</td>
<td>Tube Half</td>
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<td>10</td>
<td>M20-220-001</td>
<td>Strap</td>
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<td>4 oz.</td>
<td>MIL-S-8802</td>
<td>Sealant</td>
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<td>20</td>
<td>NAS 1738B-4-1</td>
<td>Rivets</td>
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<td>AN3-4A</td>
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