

Service Bulletin

S.B. No: 159

Title: INSPECTION OF STAINLESS STEEL BRAKE PIPES FOR CORRECT BONDING

Classification: This Service Bulletin has been classified by SAL as Highly Recommended

Compliance: At next 150 flying hour check or 100 flying hour check, as applicable

Applicability: T67M260 and T67M260-T3A, plus Post Mod M585 T67B, T67C, T67M, T67M-MkII, T67M200 aircraft.

INTRODUCTION:


A case has been reported, when carrying out a bonding check, of poor bonding through the brake pipe system. When investigated, the bonding clip on the stainless steel brake pipe was found not to be tight. This pipe is located under the seats.

Some aircraft may have stainless steel brake pipes fitted and may not have been fitted with the bonding braid and clip: for satisfactory bonding, these items should be fitted.

Stainless steel pipes were added as an alternative to tungum pipes on the T67M260 and T67M260-T3A aircraft. On the T67B, T67C series, T67M, T67M-MkII and T67M200, the stainless steel pipes may have been fitted to the aircraft as spares, under Modification number M585.

ACTION:

1. Check master switch, ignition switch and fuel are OFF. Disconnect external power and hangar aircraft if required.
2. Gain access to the brake pipe by either removing centre console or both seats access panel, where fitted. Refer Fig. 1.
3. Inspect pipes for material type i.e. stainless steel or tungum (brass colour).
4. If pipes are found to be tungum then annotate logbook "SB159 complied with".
5. If pipes are stainless steel, then:
 - a. Ensure pipes have bonding wires (T67B-81-525) in position, refer Fig. 1. If no bonding wires are present then invoke Mod M871 "Introduction of bonding wire onto Stainless Steel brake pipes".

Approved by: 		
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- b. If bonding wires are fitted then ensure:
 - i) A piece of braid is in position under P clip, if braid is not under clip then fit a piece of braid from SAL stores code 126-32-104,
 - ii) That the P clip is tight: if P clip is not tight then tighten. If P clip cannot be tightened satisfactorily then fit new P clip SAL stores code 126-28-539.
- 6. Following paragraph 5 b), take a bonding reading, between brake pipe (refer Fig. 1 for position) and EB 1. Reading to be less than .05 ohms.
- 7. Following satisfactory inspection/rectification, annotate logbook "SB 159 complied with", and "Modification M871 incorporated".

For further information or replacement parts or Mod Bulletin M871 please contact SAL Customer Support Department.

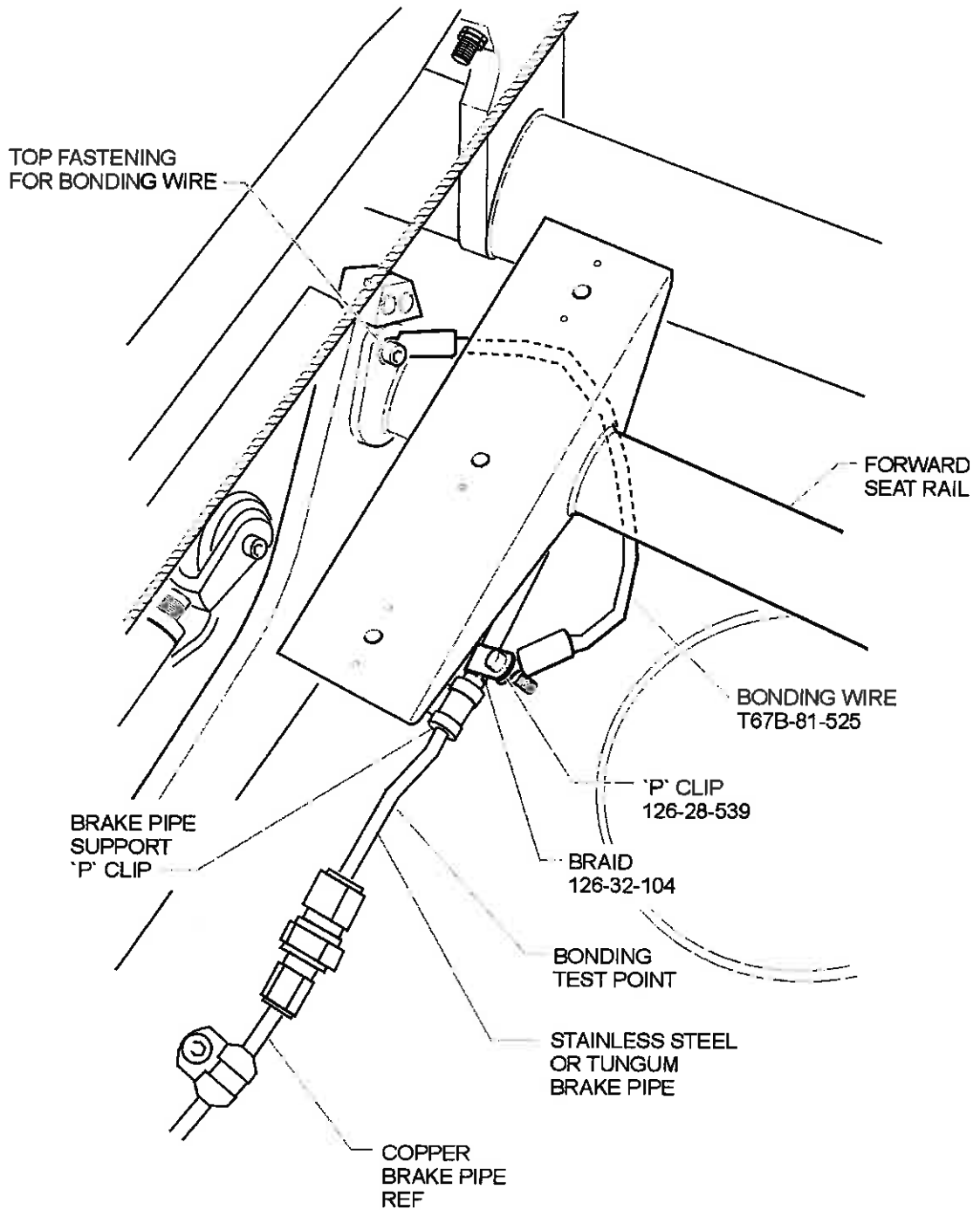


FIG1
 VIEW ON STAINLESS STEEL BRAKE PIPE - STBD SIDE SHOWN
 (T67M260 shown other aircraft similar)