

Information Bulletin

I.B. No: 028

Aircraft Type: T67A, T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260 and T67M260-T3A

Title: SUPPORT AND ROUTING BEST PRACTICE FOR COMPONENTS, WIRING LOOMS, AND PIPING.

Incidents have been reported of wire loom chafing, pipe chafing and engine cable chafing (specific Service Bulletins listed on page 2).

This Information Bulletin has been raised to reiterate the requirement to ensure maximum clearance between looms, pipes and structure etc.

Ensure when replacing/inspecting looms, cables and piping that the components have the maximum possible clearance and are correctly supported and protected and, have sufficient slack where applicable. When removing items it is advisable to record the routing, clearance and orientation, etc; for re-assembly purposes.

When inspecting and replacing looms, cables, piping, etc.; consider engine/propeller assembly movement during engine start up and in-flight high +/-ve loads. Consider instrument panel and equipment movement. Consider control cable and pushrod movement. Consider deflection through load e.g. pilot weight on seat.

Ensure for consistency that all the same type aircraft in a fleet are similar in configuration, regarding looming and routing of cabling.

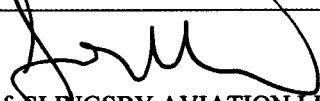
Where contact with surrounding structure/components is unavoidable, then consider protection in the form of spiroband or similar material.

Attention is drawn to the guidance given in the CAA publication, CAP 562 Civil Aircraft Airworthiness Information and Procedures (CAAIP) or the FAA publication AC 43.13-1B Acceptable Methods, Techniques and Practices – Inspection and Repair. The former is obtainable from CAA website: <http://www.caa.co.uk/publications/> and the latter downloadable from the FAA website: <http://av-info.faa.gov/dst/43-13/>.

IF IN DOUBT, ADVICE SHOULD BE SOUGHT FROM THE ENGINEERING DEPARTMENT AT SLINGSBY AVIATION LTD.

ISSUED

- 4 JUL 2003

Approved by:  For and on behalf of SLINGSBY AVIATION LIMITED	Date: <u>4th July 03</u>	Issue 1
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SPECIFIC SERVICE BULLETINS

SB No.	Issue No.	Title	Applicability
067	1	Inspection of Landing/Taxi Light Supply Cable Routing	T67A, T67B, T67C Series, T67M (not Works No 1999), T67M-MkII
074	2	Inspection of Routing of Upper Spark Plug Leads	T67M260 & T67M260-T3A
076	1	Inspection of Wiring Looms in Centre and at Wing Main Spar	T67M260-T3A
080	2	Inspection of Trim Cable Protective Sleeves	T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260 & T67M260-T3A
097	1	Inspection of Engine Wiring for Chafing	T67A, T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260 & T67M260-T3A
117	1	Inspection of Elevator Electric Trim Motor Wire Routing	T67C (Post Mod M443), T67M200 (Post Mod M915 only), T67M260 (not works no 2072), T67M260-T3A
125	2	Inspection of Wiring Looms at Rear of Instrument Panel for Chafing	T67A, T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260, T67M260-T3A
126	2	Inspection of Port Rudder Bar for Chafing	T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260, T67M260-T3A
180	1	Inspection of Alternator/Starter Wiring Loom P-Clipping at Engine	T67A, T67B, T67C Series, T67M, T67M-MkII, T67M200, T67M260, T67M260-T3A