



Aircraft Type: Slingsby T67 Firefly (T67M260)

Title: Importance of Maintaining Exhaust to Frame 1 Clearance

Recent User Experience Reports (UER's) have highlighted examples of minor heat damage to Frame 1 and surrounding internal and external areas, and cracks to the external paintwork. It is believed that the cause of this damage is a failure to adhere to the caution detailed in the T67M260 Maintenance Manual, Chapter P6, page P6-35, Para 6.10.1. when re-installing the exhaust system.

"Caution – Ensure sufficient clearances at exhaust to Frame 1 and exhaust to lower engine mounting frame to prevent contact when the engine is running."

Exhaust removal and subsequent re-installation is required if, when carrying out a 50 hour, 150 hour or annual inspection In Accordance With (IAW) the Maintenance Check Cycle, leakage is suspected. (MM Chapter P2, Page P2-55, para 2.8.6.

At every 50 hour, 150 hour and annual inspection the fuselage and fin skin external surface should be examined for signs of cracking, wrinkled or damaged paint IAW MM, Chapter P2, page P2-42, para 2.8.6.




Fibreglass parts (Structural members) shall be examined for: a) Cleanliness and external evidence of damage, cracks, cuts, chafing, paint deterioration, fluid soakage and overheating IAW MM, Chapter P2, page p2-33, para 2.8.1.

This Information Bulletin has been raised to advise all maintenance organisations, operators and owners of Slingsby T67M260 Firefly aircraft that reports have been received of damage being caused to Frame 1 as a result of inadequate clearance being maintained between the exhaust pipe and Frame 1 structure.

Any instances of damage found to the Frame 1 area should be reported via the UER system to the Technical Support Engineer at ss.tsg@marshalladg.com Blank UER's are available from the Technical Support Engineer or can be found in the Firefly T67M260 Maintenance Manual.

References

T67M260 Maintenance Manual.

Signature  Compiled	Signature  Design	Signature  Airworthiness Approval
Print Name Mark Bright	Print Name Nick Thorp	Print Name Tony Hobson
Date 24/06/14.	Date 24-6-14.	Date 24-6-14
Marshall Aerospace Kirkbymoorside, York. YO62 6EZ Tel: 01751 432474 Fax No: 01751 433016 E-mail: ss.tsg@marshalladg.com www.marshall-slingsby.com EASA Design Organisation Approval No. EASA.21J.181		Page 1 of 1 Issue 1
03-11-F1004-01		Issue 1