

# Service Bulletin

S.B. No: 185

**Title:** INSPECTION FOR AND PREVENTION OF WATER INTO NACA AIR INTAKE

**Compliance:** One time inspection within 50 flying hours if aircraft has been subject to washing or has been parked in torrential rain.

**Applicability:** T67M200 (Post Mod M915), T67M260 and T67M260-T3A (Post Mod M566).

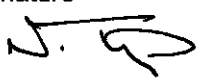
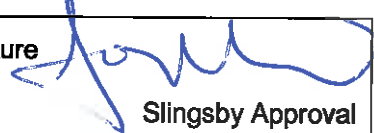
**INTRODUCTION:**

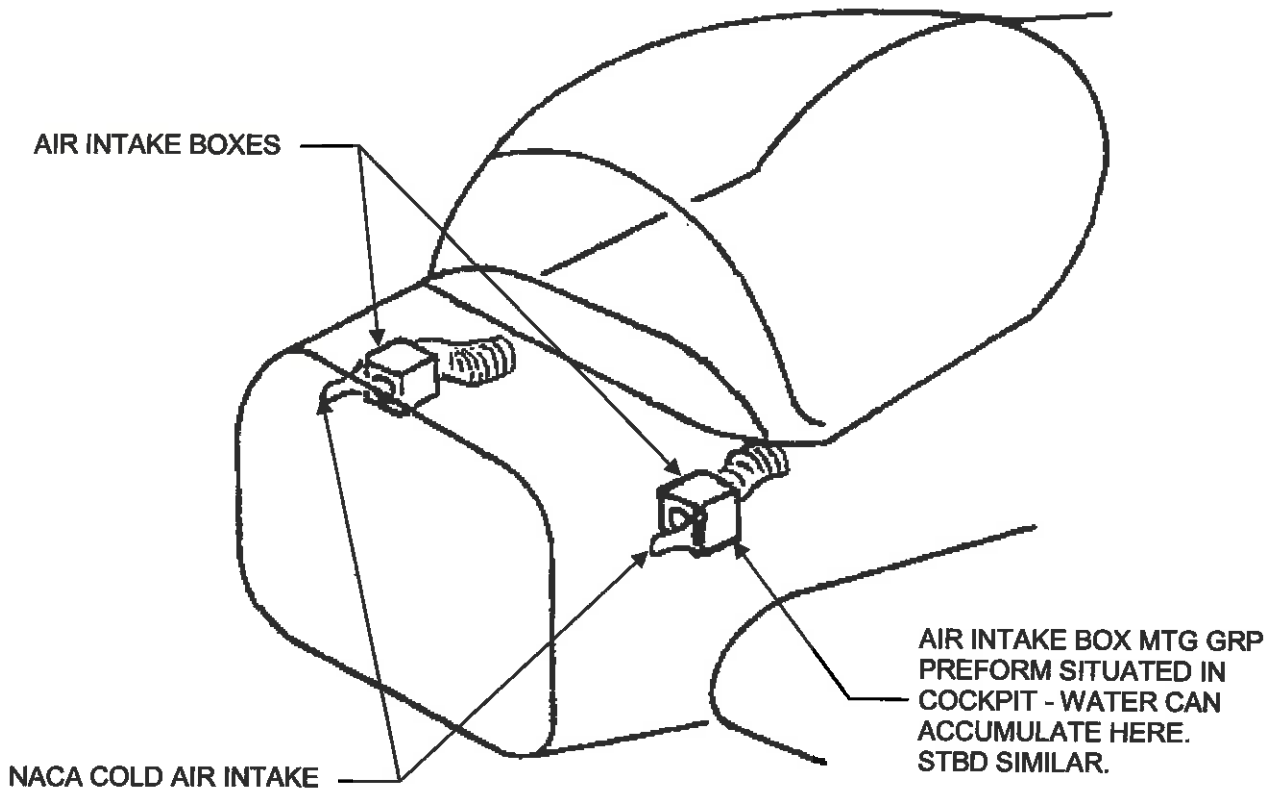
A case has been reported of water accumulating in the cold air intake box GRP mounting preform situated behind the NACA air intakes in the cockpit. When the aircraft was flown the water migrated down the avionics cooling pipe and in this case damaged the Com2/Nav2 box. The aircraft had been parked in torrential rain without covers on.

An earlier incident had occurred when an operator was washing the aircraft with a high pressure water hose, water was allowed to flow into the NACA air intake.

**ACTION:**

1. Determine whether there is water in the GRP preform by viewing thru the NACA ducts, or by using a "dipstick".
2. If water is found remove the water, if necessary gain access to preform by removing cold air intake air box, see Figure 1, remove IAW the relevant aircraft's Maintenance Manual. Replace air intake box if removed.
3. Upon satisfactory inspection and/or water removal, ensure aircraft is not stood into driving rain, if torrential rain is forecast ensure aircraft is either hangared or, canopy cover is in place. Note SACL part no 126-60-042 and 126-60-063 are available for the T67M260 series and T67M200 respectively.
4. It is recommended that when washing aircraft avoid using hoses. When washing, avoid directing water flow into NACA duct, if necessary block NACA duct whilst washing, remove item after washing.
5. Annotate in aircraft logbook SB 185 complied with.
6. SACL do provide a drain for the GRP preform Change Mod M1023 "Introduction of Drain/Drain Hole in NACA Air Intake Box Mounting Preform" applies. For Change Mod Bulletin M1023 and Mod Kit T67A-05-1023, contact Kathy Cooper SACL Product Support Department, or email [kathy.cooper@slingsby.co.uk](mailto:kathy.cooper@slingsby.co.uk).
7. Flight Manuals and Maintenance Manuals to be amended to reflect the requirements of this Service Bulletin.

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Date 4 <sup>th</sup> September 2007	Date 4-9-07	Date 5-9-07
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**FIGURE 1**  
**SHOWING POSITION OF AIR INTAKE BOX MOUNTING GRP PREFORMS**