

SERVICE BULLETIN 85

SUBJECT: NOSE GEAR WHEELWELL FIREBARRIER INSTALLATION

APPLICATION: ALL GLASAIR II RG AND II-S RG AIRCRAFT.

DESCRIPTION: The Glasair II RG Instruction Manuals specify Interam 110 fire barrier for insulating the nose gear wheelwell. Even though the Interam 110 is only 1/8" thick, we have found that it interferes with the nose wheel if the wheel is slightly turned and can prevent proper gear retraction if the bolt heads on the nose gear tear through the thin stainless steel foil of the Interam 110. The Interam 110 works well in the Glasair III wheelwell, but we made the Glasair II RG wheelwell 1/2" narrower so that we would not have to redesign the Glasair I RG engine mount for use on the Glasair II.

SOLUTION: On the sides of the nose gear wheelwell, replace the Interam 110 with 1/8" thick fiberfrax sheet covered with .020" thick stainless steel sheet pop-riveted in place. Bend a 1/4" wide, 90° flange around the lower edge of the box. The stainless steel is heavy enough to deflect any rubbing bolt heads in the event that the nose wheel is turned slightly when retracted.

Builders who have not yet fabricated the nose gear wheelwell box may increase the inside width of the box from 6-1/2" to 6-3/4". This change provides extra space for nose gear clearance and will not require engine mount modification. Glasair II RG builders should note this change on pages D-52, D-53, and D-57 in Volume I of their Instruction Manuals. Glasair II-S RG builders should note this change on pages D-59, D-60, and D-68 of their Instruction Manuals. The next revision to the Instruction Manuals will incorporate the changes described in this Service Bulletin.

Please return your extra Interam 110 material in a condition suitable for use in our Glasair III kits by June 30, 1990, and we will replace it with the 1/8" fiberfrax and .020" thick stainless steel sheet for the sides of your nose gear wheelwell box.



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