

SERVICE BULLETIN 151 — MANDATORY

SUBJECT: AN470A4-9 soft rivets

APPLICABILITY: Kits #2392, 2394, 3319 and 3320.

DISCUSSION: It has come to our attention that the supply of AN470AD4-9 universal-head rivets shipped with Glasair slotted flap kits and Glasair III complete kits between February 2 and February 24, 1998, was contaminated with a small quantity of AN470A4-9 rivets. These "A"-series rivets, which were inadvertently mixed in with the "AD"-series rivets by our vendor, are made of a much softer aluminum alloy than the "AD"-series rivets specified for the Glasair and therefore have insufficient strength. **They should not be used anywhere in the Glasair construction.**

REQUIRED ACTION: First, inspect your supply of AN470AD4-9 rivets and discard any soft, "A"-series rivets. They can be distinguished from the "AD"-series rivets by inspecting the rivet heads. As shown in Figure 1, the standard "AD"-series rivets have a small dimple in the center of the head, while the soft, "A"-series rivets have plain heads.

Second, inspect any completed work on your Glasair to see if any soft, "A"-series rivets were used. In all likelihood, you would have discovered the "A"-series rivets while squeezing them, because they are so much softer than "AD"-series rivets that they squeeze with a distinctly different, softer feel. If you discover any soft rivets, you must drill them out and replace them with proper AN470AD4-9 rivets. If necessary, refer to "FABRICATION TECHNIQUES" in the *Glasair Instruction Manual* to refresh your memory on the proper procedure for replacing defective rivets.

If you run short of AN470AD4-9 rivets as a result of culling soft, "A"-series rivets from your stock, please contact Stoddard-Hamilton Option Sales for replacements. However, we customarily send a few more rivets of each size than specified, so you may find you have enough extra already on hand. If you need replacement rivets, please contact Stoddard-Hamilton by **no later than March 15, 1998**, to receive them at no charge.

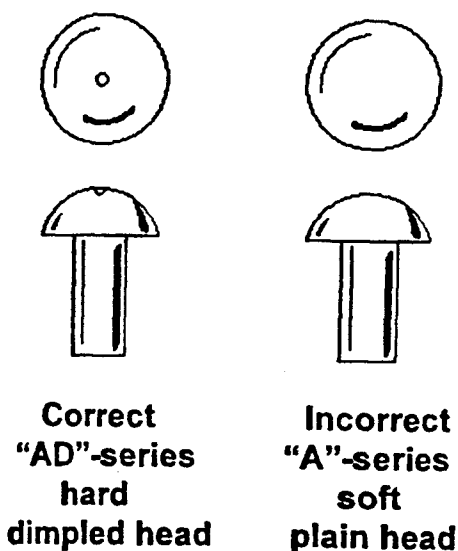


Figure 1



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