

GLASTAR SERVICE BULLETIN 38

MANDATORY

Subject: AN470A4-9 soft rivets

Applicability: Kits #5402, 5408, 5414, 5464, 5515, 5538, 5539, 5568, 5586, 5602, 5603, 5604 and 5610

Discussion: It has come to our attention that the supply of AN470AD4-9 universal-head rivets shipped with GlaStar wing 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 specified for the GlaStar and therefore have insufficient strength. **They should not be used anywhere in GlaStar construction.**

Required Action: First, inspect your supply of AN470AD4-9 rivets and remove all the soft, "A"-series rivets. They can be distinguished from the "AD"-series rivets by the 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 GlaStar wings to see if any soft, "A"-series rivets were used. In all likelihood, you would have discovered the "A"-series rivets while riveting because they are so much softer than "AD"-series rivets that they drive 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 "SECTION II: TOOLS AND TECHNIQUES" in the *GlaStar Assembly Manual* to refresh your memory on the proper procedure for replacing defective rivets.

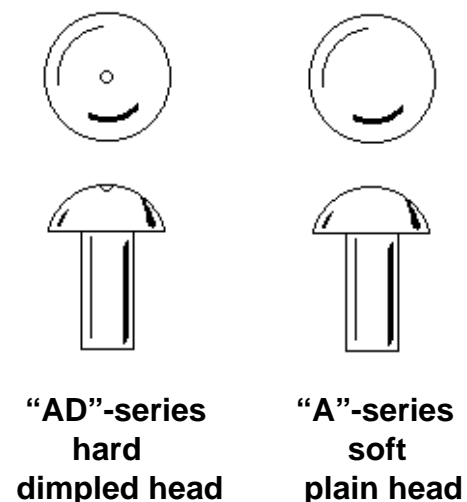

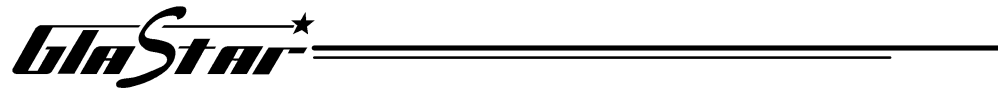



Figure 1

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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 ten–twenty percent more rivets of each size than are actually required, 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.

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