

SUBJECT: AN470A4-7 soft rivets

APPLICABILITY: All customers who may have been shipped AN470AD4-7 rivets between 7/25/95 and 10/1/95.

COMPLIANCE TIME: Immediately after the receipt of this bulletin and prior to flight.

DESCRIPTION: It has come to our attention that the supply of AN470AD4-7 universal-head rivets shipped with several Glasair kits was contaminated with some AN470A4-7 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 AN470AD4-7 rivets and remove all the 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 the Glasair assemblies specified in Table 1 (if you have completed them) to see if any soft, "A"-series rivets were used. If you discover any soft rivets, you must **drill them out and replace them** with proper AN470AD4-7 rivets. If necessary, refer to "FABRICATION TECHNIQUES" in the *Glasair Instruction Manual* to refresh your memory on the proper procedure for replacing defective rivets.

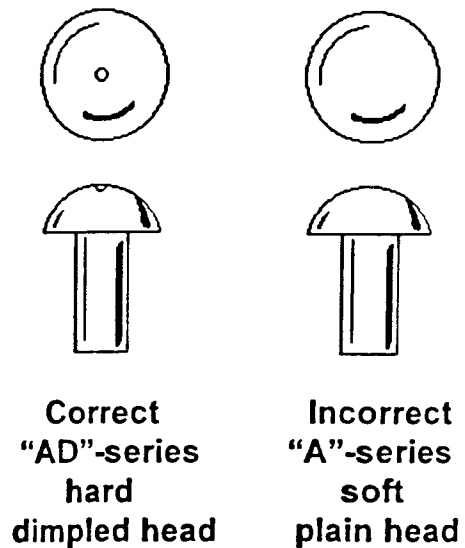


Figure 1

LOCATION	<i>Glasair Instruction Manual</i> REFERENCE	SPECIFIED RIVET LENGTH
Aileron bellcrank assemblies	Wing Assembly	-7
Elevator bellcrank assembly	Final Assembly	-7

Table 1

If you run short of AN470AD4-7 rivets as a result of culling soft, "A"-series rivets from your stock, please contact Stoddard-Hamilton 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.



© STODDARD-HAMILTON
AIRCRAFT, INCORPORATED

MODEL	ASSEMBLY NAME	REVISION	DATE	VOLUME	PAGE
GLASAIR	SERVICE BULLETIN 142		11/30/95		1 of 1