

GLASTAR SERVICE BULLETIN 10

MANDATORY

Subject: Incorrect Elevator Hinge Material

Applicability: GlaStar tail kits shipped before 5/15/96 (through kit serial number 5235)

Discussion: There are two types of piano hinge supplied in the GlaStar tail kit, "rolled" and "extruded"; they are **not** interchangeable. The **rolled** hinge material is used for the **trim tab hinge** and the extruded hinge material for the **elevator hinges**. In some tail kits, rolled hinge stock, instead of the stronger extruded hinge, may have been sent for the elevator hinges.

The two types of hinge can be distinguished by noting the part numbers marked or stamped on them, or by observing the hinge knuckles. The **rolled** hinge is marked with part number **MS20257**; furthermore, it will be obvious upon inspection that the hinge knuckle was formed by rolling up a flat piece of metal. The **extruded** hinge is marked with part number **MS20001**, and its knuckle transitions smoothly into the flat part of the hinge without gaps.


Required Action: Inspect the hinge material sent with your tail kit. You should have been sent **72"** of the MS20001 **extruded** hinge for the elevator hinges and **44"** of the MS20257 **rolled** hinge for the trim tab hinge. If you received **rolled** hinge for the elevator hinges, contact us to arrange replacement. (If the rolled hinge has not been installed, cut it 45" from one end for return; the returned hinge can then be used in other kits.)



Note If you need replacement hinge, **you must respond by September 30, 1996**. Full price will be charged for replacement after this date.

If you have already installed rolled hinge material for your elevator hinges, you must remove the hinges by drilling out the rivets. Then, install the correct, extruded hinge material, as described in Steps 78–84 in "SECTION V" of your *GlaStar Assembly Manual*, using the original rivet holes as guides for drilling the new hinges. Be very careful, both when drilling out the original rivets and drilling the new rivet holes in the hinges, not to elongate the original rivet holes through the elevator and stabilizer structure.

No action is required if you used the extruded hinge stock for your trim tab hinge.

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