

GLASTAR SERVICE BULLETIN 35

Subject: Left and right upper inboard wing skins [P/N 201-00014-01 and -02]

Applicability: Wing kits shipped between 3/15/97 and 9/26/97

Discussion: One run of upper inboard wing skins [P/N 201-00014-01 (left) and -02 (right)] was part marked incorrectly by our Quality Assurance Department. Dash 01 skins were marked as -02s, and vice versa. Skins from this mismarked run were mixed with skins in stock from earlier and later runs. As a result, it appears that some indeterminate number of kits received either two left skins or two right skins.

The left and right skins are perfect mirror images of one another. The only difference between them is which side of the skin the protective plastic is on. That side is conventionally considered to be the top surface of the skin, but from a structural point of view, either side could be the top side, since both are Alclad for anti-corrosion protection.

Recommended Action: Inspect your upper inboard wing skins to see if you have a left and a right. Due to the possibility of one or both skins being mismarked, ignore the marked part numbers and refer to Figure 1 on the next page to determine which skins you have. Both skins in Figure 1 are laid out with their plastic-protected sides **up**. Note that the critical distinguishing feature is the offset between the row of hat section rivet holes and the row of flap track rib rivet holes aft of it. As Figure 1 highlights, this offset is **outboard** on **both** skins.

If you find that you have a left and a right skin, mark them as necessary to make it easy to distinguish them in the future and set them aside. No further action is required.

If you find that you have two left skins or two right skins, you have your choice of the following two alternatives:

- A) As discussed above, because the left and right skins are perfect mirror images, you can go ahead and use one of the skins on the opposite wing of the aircraft simply by turning it over, i.e., putting the plastic-protected side of the skin **down**. The **only** disadvantage to this solution is that the unprotected side of the skin tends to have more cosmetic scratches than the protected side.

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Note The manufacturer's markings on the non-protected side of the skins are easily removed with acetone.

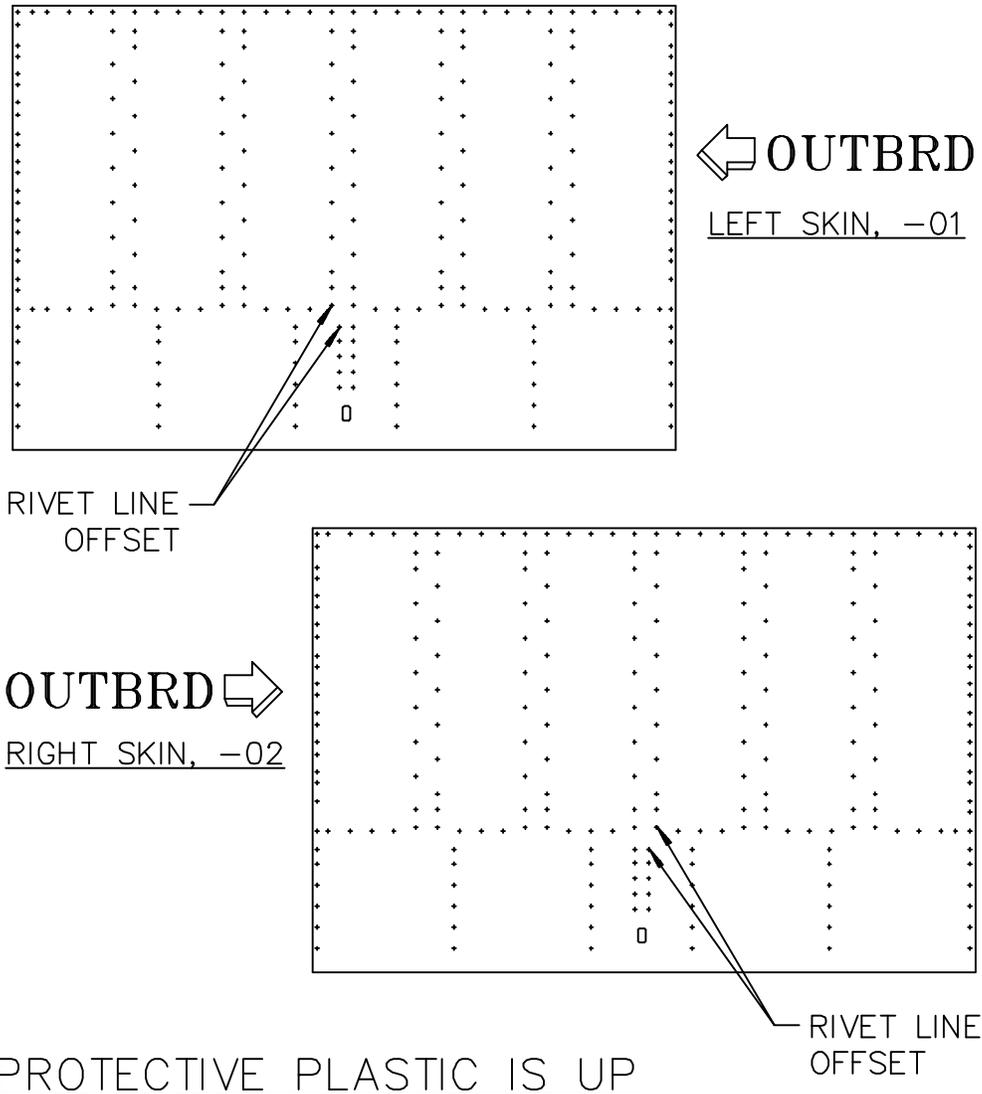


Figure 1: Distinguishing the Left and Right Upper Inboard Wing Skins

If you intend to paint your GlaStar, these small cosmetic imperfections are **completely unimportant**, and we strongly urge you to use the skins you have. Because we regret this error and because it will be very costly for us to replace these skins, we are offering a **\$50.00 account credit** to any builder who received two left or two right skins and who is willing to use one of these skins upside down rather than requiring a replacement.

If you would like to take advantage of this offer, please contact Option Sales by **no later than November 17, 1997**. In your communication, please refer to this service bulletin (GSSB 35).



Note The \$50.00 credit offer is available **only** to builders who got two left or two right skins, **regardless of how the skins were marked**. If you got a left and a right skin, then you are not eligible for this offer, **regardless of whether the skins were mismarked**.

- B) If you intend to leave you GlaStar wings unpainted and find the cosmetic scratches on the unprotected side of the skins unacceptable, you can order a replacement for one of the skins, which we will provide free of charge. If you require a replacement skin, please contact Option Sales by **no later than November 17, 1997**, to order it. In your communication, please refer to this service bulletin (GSSB 35). The new skin will be shipped to you as soon as possible. However, the exact shipping schedule will depend on how many replacement skins are ordered and where they must be shipped. Thus we are unable to predict at this time when the new skins will be available. We will do our best to minimize any delays in your project, and we apologize in advance for any inconvenience.

Extra skins do **not** need to be returned to Stoddard-Hamilton.