

GLASTAR/SPORTSMAN SERVICE BULLETIN 51

MANDATORY

Subject: Inspection of the 100-0640-009 angle stock supplied in GlaStar and Sportsman Kits.

Applicability: All Sportsman and GlaStar fuselage kits shipped between March 2005 and June 2005.

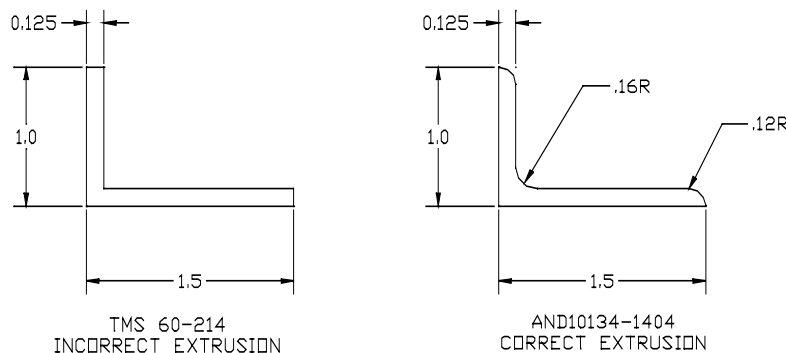
Compliance Time: Before August 1, 2005.

Discussion and Background Information: Sixteen fuselage-to-cage attach fittings are fabricated by the builder from aluminum angle stock supplied under part number 100-0640-009.

The steps for fabricating these angle fittings are described in Section VIII: Fuselage Assembly, Steps 8-11 in the GlaStar Assembly Manual and Steps 6-9 in the Sportsman Assembly Manual.


These angle fittings are made from a 1" x 1-1/2" x .125" angle, which is controlled per the AND10134-1404 standard. This number is typically stamped on the extrusion. If it is not visibly marked, then you should perform a check to verify your extruded angle is per the AND10134-1404 profile shown.

We have determined that improper angle material was supplied to Glasair Aviation on March 29, 2005. The improper angle material specified a different extrusion number - TMS 60-214 – which is identified on the material. The figure below illustrates the difference between the correct and incorrect material sections



If you have received the incorrect angle (TMS 60-214) with your kit, please contact Glasair Aviation for replacement material at no charge if complied by August 1, 2005. The part number for the replacement material is the same (100-0640-009).

You should discard all parts made with the improper material and replace them with parts made from the correct AND10134-1404 extrusion.

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