

AEROSTAR SERVICE BULLETIN #123A

AUGUST 28, 1989

- SUBJECT:** AFT Cables using the Web Davis fittings are affected, except those tangs shown in the diagram with .45" holes in both ends do not apply.
- PROBLEM:** The tang used to join the AFT cables to the Web Davis fitting may be susceptible to kinking or bending during inflation. The tang may get jammed thus putting undue stress on that cable.
- DISCUSSION:** It was noted by an owner of AFT cables that during inflation while the cables are loose, the tang is allowed to slide freely in the thimble (loop) of the AFT cable. As hot air is added to the envelope, the tang may get crossed-up in the thimble and could kink or bend the tang.
- CORRECTIVE ACTION:** A short length of heat shrink tubing is to be added to center the tang in the thimble.
- PROCEDURE:** The only tools needed will be a hot air gun and torque wrench. Remove AN bolt that connects the tang and Web Davis fitting. Slide the heat shrink tubing over the tang and thimble. See schematic below for placement of the heat shrink tubing. Re-install bolt and torque nut to 35-45 in-lbs. Continue procedure to remaining AFT cables. Log as preventive maintenance compliance with FAR #41 Appendix A 10, 12, and 28.

