

**SERVICE BULLETIN 144, MANDATORY**

**SUBJECT:** Tubing Flaring Tool (part number 810-0190-001)

**APPLICABILITY:** Tubing Flaring Tool purchased from Stoddard-Hamilton before 5/20/96

**NOTE:** This service bulletin applies **only** to the type of flaring tool in which the dies for clamping different-sized tubing are stacked in a line. On this tool, the cone that forces the tubing into the die to form the flare is part of a separate yoke that slips over the stack of dies. The affected tool is marked with the letters "ATS." This service bulletin does **not** apply to the type of flaring tool sold by us in past years that is of one-piece construction in which the clamping dies are located on two rotating wheels and that has a small, plastic bicycle hand grip for holding the tool.

**DISCUSSION:** We found recently that, on some of the tubing flaring tools sold through our Options Catalog, the two halves of the clamping dies are poorly registered to each other, causing unacceptably poor flares. When tubing is clamped in the die, the die scores or creases the tubing just below the flare, creating a stress riser that could lead to failure.

**REQUIRED ACTION:** Use the flaring tool purchased from us to form flares in several different diameter pieces of scrap tubing. Inspect the flares closely. If any scoring or creasing of the tubing is evident on the outside of the tubing where it was clamped in the die, contact us to arrange for return of the tool.

**NOTE:** Since we no longer carry the tubing flaring tool, we cannot replace the tool but will credit your account. **If you wish to receive credit for a returned tool, you must respond by September 30, 1996.** No credits will be issued after this date. Also, please contact us for a return authorization before returning the tool.

Finally, inspect any flared tubing that you may have installed in your airplane. If any defective flares are found, the affected tubing must be replaced.



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