



# SERVICE BULLETIN

**NO. ARC 852-005** Rev. A

**Aircraft Restoration Corporation**

**Date:** 19 February 2010

**Subject:**

Bumper Brackett, P/N 85280119-00 interference with the rib doubler support angle at wing station 49.0.

**Effectivity:**

PA-31 series when rib doubler support is installed.

**Compliance:**

At the time of installation where applicable. This clarification/amendment has been added to the Installation Procedures Manual.

**Purpose:**

To provide instruction on how to relieve potential interference when installing the bumper extension brackets.

**Compliance:**

At time of installation.

**Approval:**

ARC Engineering.

**Material:**

N/A.

**Instructions/Summary/Comments:**

If your airplane has the rib doubler installed it will be necessary to complete this minor modification to provide needed clearance to allow the bumper extension bracket to be installed in accordance with the

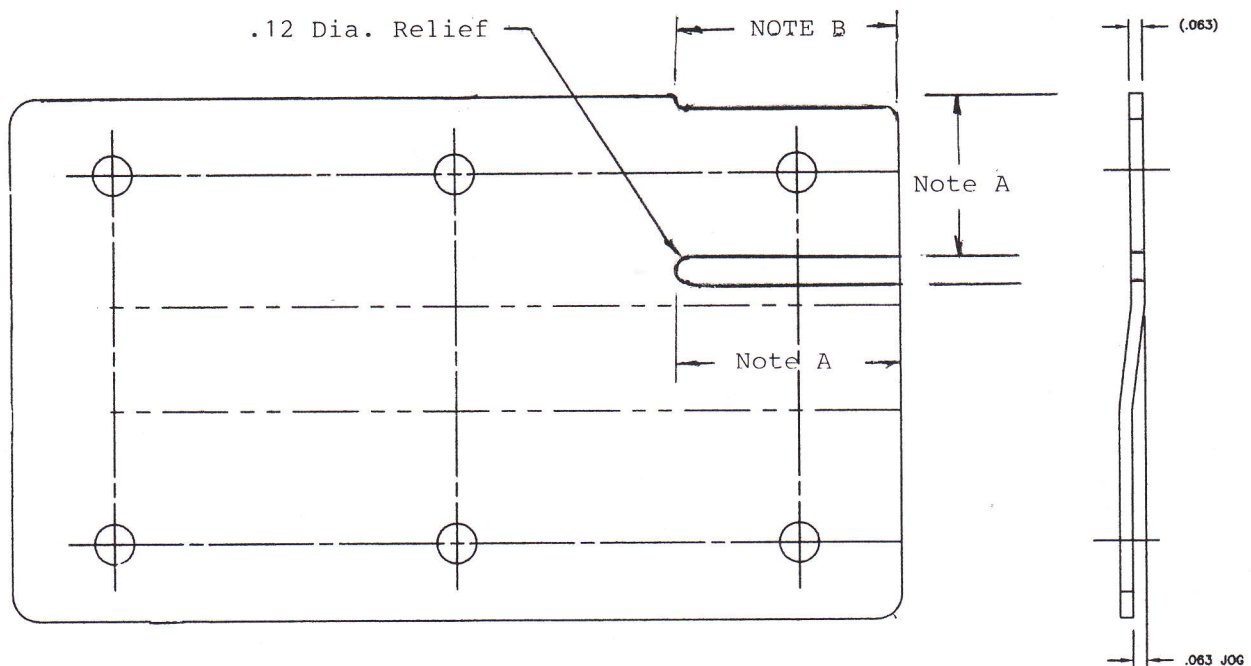


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Installation Procedures and the attached drawing. Position the bracket in its installed position, if the rib angle interferes cut a .12 notch in the bracket to eliminate the interference (NOTE A). Additionally, the top of the bracket might contact the same rib angle where it attaches to the wing skin (NOTE B). Remove as little material as possible to ensure a minimum of .02 clearance on all sides of the bracket.



**NOTE A:**

Final dimensions are determined at the time of installation, sufficient to maintain a minimum of .02 clearance.

**NOTE B:**

Remove material necessary to provide .20 clearance to the top of the rib angle and wing skin.