

# Beechcraft SERVICE BULLETIN

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**SUBJECT:** INSTALLATION OF AN21-10 BOLTS IN AILERON CABLE-CHAIN CONNECTING LINKS.

**AIRCRAFT AFFECTED:** Model 23 airplanes M-1 through M-122.

**REASON FOR CHANGE:** To provide an improved installation.

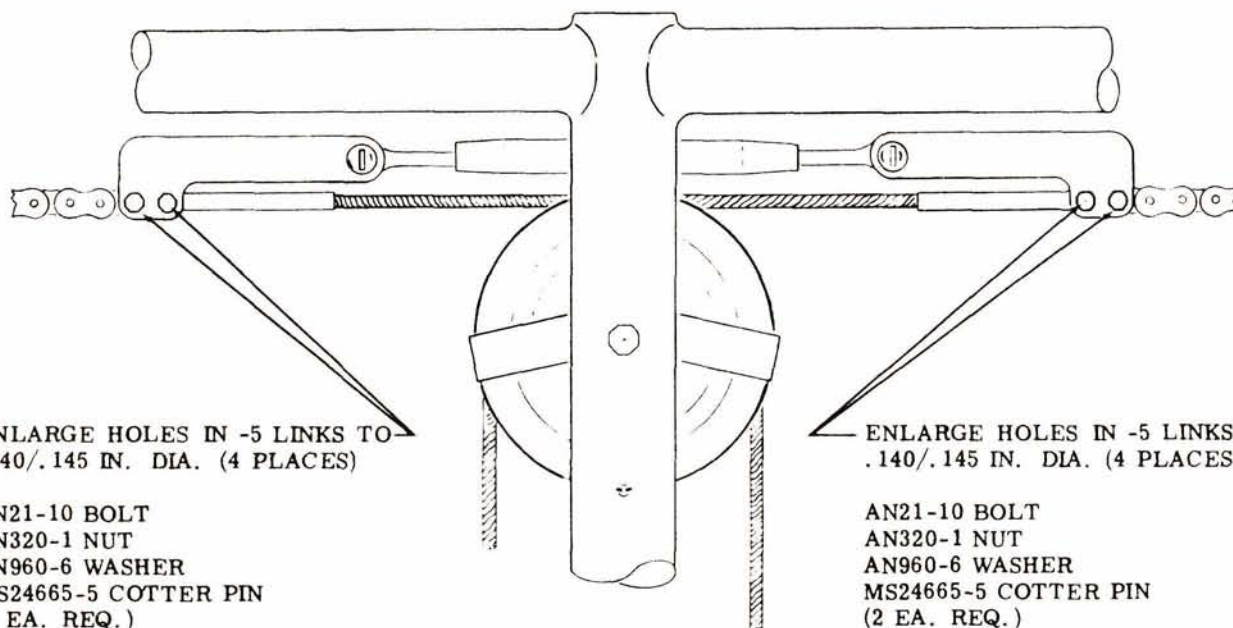
**ACCOMPLISHMENT:** Within ten flight hours after receipt of this bulletin.

**DESCRIPTION:** This modification consists of removing the two retaining pins in each pair of aileron cable-chain connecting links and replacing the pins with AN21-10 bolts. Rework may be accomplished as follows:

1. Locate the two pairs of 169-524040-5 aileron cable-chain connecting links on the control column crossbar

behind the instrument panel. (See illustration).

2. Working on either the right hand or left hand pair of links, remove the cotter pin from the cable retaining pin and carefully remove the retaining pin from ONE CONNECTING LINK ONLY. Exercise care to avoid releasing the cable terminal.



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3. Enlarge the hole from which the retaining pin was removed to .140/.145-inch diameter.

4. Insert an AN21-10 bolt into the .140/.145-inch diameter hole and engage the cable terminal with the bolt while removing the retaining pin from the terminal and opposite link. Again make certain that the cable terminal is not released.

5. Drill out the retaining pin hole in the opposite link to .140/.145-inch diameter and insert the AN21-10 bolt.

6. Secure the AN21-10 bolt with an AN320-1 nut, AN960-6 washer, and an MS24665-5 cotter pin.

7. Replace the pin securing the aileron control chain with an AN21-10 bolt by employing the same procedure described above.

8. Follow the preceding instructions for rework of the opposite pair of aileron cable-chain connecting links.

Upon completion of this modification, an appropriate compliance note should be entered in the aircraft log book. Also, it is requested that the attached compliance card be completed and returned to this facility.

The following is a preliminary listing of parts for this improvement change, and is provided with this service information for reference and familiarization purposes. It is suggested that this list be placed in your files for reference when reordering parts, until such time as the listing of parts is incorporated in the airplane parts catalog.

QUANTITY	PART NUMBER	NOMENCLATURE
4	AN21-10	Bolt
4	AN320-1	Nut
4	AN960-6	Washer
4	MS24665-5	Cotter Pin