

FIELD SERVICE BULLETIN NO. 33

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JULY 2, 1947

MANDATORY

TO: ALL NAVION OWNERS

SUBJECT: ELEVATOR LEADING EDGE RIB INSTALLATION

It has been noted in a few cases that the elevator leading edge fairing has developed longitudinal cracks. All elevators will be modified by incorporation of leading edge ribs. Elevators which have skin cracks will be replaced with modified elevators.

AIRPLANES AFFECTED:

NAV-4-2 through NAV-4-1025. This change will be accomplished at the factory on NAV-4-1026 and subsequent.

INSPECTION INSTRUCTION:

The elevators should immediately be inspected and if not cracked, should have rework accomplished at earliest possible date. The cracks usually first appear in the lower left hand elevator skin at the hinge cut-outs. Inspect top and bottom skins of both elevators forward of and parallel to the line of rivets which attach the skin to the front beam.

INSTALLATION INSTRUCTIONS:

A. Elevators that are not cracked will be reworked as follows:

1. Remove elevator tips.
2. Remove the three elevator torque tube connecting bolts and the six hinge bolts.
3. Disconnect the trim tab cables at the trim tabs.
4. Remove the two AN3 bolts passing horizontally through the micarta blocks on the elevator beam. (This will allow the elevators to be removed without altering the trim tab rigging.)