

Beechcraft SERVICE LETTER

Published by the Customer Service Division

No. 64-2

Issued: February 5, 1964

CHANGE OF STABILATOR TAB TRAVEL

MODELS AFFECTED: 23 (M-1 through M-554)

This modification consists of changing the surface travel of the stabilator tab, relocating the green arc on the tab position indicator, and relocating the tab neutral marker on the tab position indicator. The new tab travel settings allow more nose up trim to be obtained. At low speeds, the increased trim reduces control wheel pressures.

Change the stabilator tab travel as follows:

1. Lock the stabilator in neutral with travel board 169-620000/807 or equivalent means.
2. Set the tab for $2^\circ \pm 1^\circ$ up travel and $15^\circ + 2^\circ - 1^\circ$ down travel by adjusting the actuator shaft at the tab actuator.

After the tab travel is set, repaint the takeoff range mark (green arc) on the tab position indicator, with Wornow 42-300 or equivalent green paint. The aft end of the green arc should correspond to the tab position indicator when the tab control wheel is 1/2 turn from the full nose UP position. The forward end of the green arc should correspond to the tab position indicator when the tab control wheel is 1-1/2 turns from the full nose UP position.

Remove the black neutral marker from the tab position indicator and replace it with a small painted zero. The zero should be positioned just above the previous neutral marker on the tab position indicator. When the zero is properly positioned, its forward edge will be approximately .20 inch from the forward edge of the cutout in the indicator.

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