

Beechcraft SERVICE LETTER

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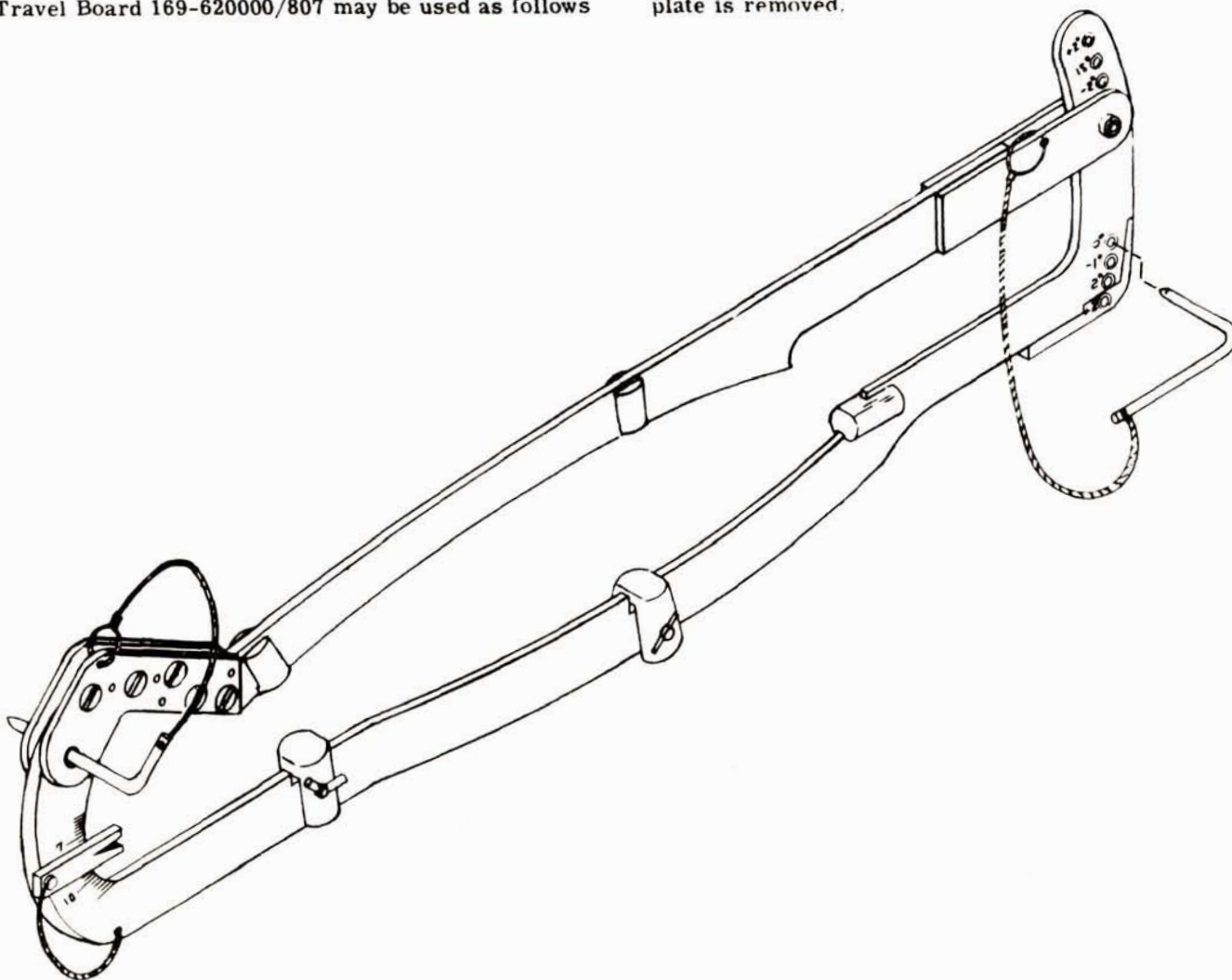
STABILATOR RIGGING TOOL 169-620000/807

Whenever the control cable turnbuckles are loosened on the Model 23 Musketeer stabilator and stabilator tab system, the systems must be rerigged. A special tool, P/N 169-620000 807, is now available for use in rigging these systems. This rigging board facilitates the method of locating "neutral position" of the stabilator and stabilator tab surfaces.

Travel Board 169-620000/807 may be used as follows

to rig the stabilator system:

1. Lock the control column in neutral position.
2. Position the travel board on the stabilator to the right of the fuselage.
3. Insert the travel board rig pin into the rig pin hole located in the bulkhead at station 286.12. The rig pin hole is exposed when the aft right fuselage inspection plate is removed.



THE OPERATION, CARE AND MAINTENANCE OF AN AIRPLANE IS THE OWNERS RESPONSIBILITY. AS CONDITIONS WARRANT, BEECHCRAFT CORPORATION ISSUES SERVICE BULLETINS AND SERVICE LETTERS RECOMMENDING MODIFICATIONS AND OPERATIONAL PROCEDURES TO ENSURE THE OWNER TO GET THE MAXIMUM UTILITY AND SAFETY FROM HIS AIRPLANE.

THESE BULLETINS AND LETTERS ARE AVAILABLE TO BEECHCRAFT OWNERS THROUGH THEIR BEECHCRAFT REPRESENTATIVE OR DEALER. WHEN SERVICE BULLETINS AND LETTERS ARE ISSUED, A TEMPORARY RECORDING OF THE PUBLICATION SHOULD BE MADE ON THE APPROPRIATE INDEX.

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4. Connect and set cable tension to 30 ± 2 lbs., recheck neutral position and safety the turnbuckles.

Travel Board 169-620000/807 may be used as follows to rig the stabilator tab system:

1. Rig the stabilator as instructed per the above instructions.
2. Position the tab control wheel in neutral.
3. Remove the bolt attaching the actuator rod to the actuator shaft.
4. Turn the actuator shaft, extending through the aft

fuselage bulkhead, to set the tab surface in the neutral position.

5. Connect and adjust the two tab cable turnbuckles for $7^\circ \pm 1^\circ$ up travel and $10^\circ \pm 1^\circ$ down travel.

6. Set cable tension to 20 ± 2 lbs, recheck full travel and safety turnbuckles.

The 169-620000/807 Rigging Board is a special tool that is recommended for use in the shops of all BEECHCRAFT distributors, dealers, and Certified Service Stations.