

SERVICE LETTER NO. 72-2

DATE: February 15, 1972

SUBJECT: Rudder Rigging

SERIALS AFFECTED: All Model AA-1 and AA-1A Aircraft

TIME OF COMPLIANCE: Anytime when rigging rudder control

Section V of the Model AA-1 and AA-1A Service Manual will be revised to provide simplified instructions for rigging the rudder control system. The new simplified instructions are listed below and should be followed anytime rerigging of the rudder control system is to be accomplished:

C. RUDDER

1. Position the rudder at 5° right rudder as indicated by a rudder rigging fixture. Secure the rudder in this position (Figure 5-1 shows one recommended method).
2. Adjust the rudder turnbuckles, located beneath the aft end of the console, until the left rudder pedal hinge pin is located 7.50 inches aft of the firewall and the right rudder pedal hinge pin is located 7.75 inches aft of the firewall (fiberglass sound-proofing material compressed). Refer to Figure 5-4.
3. Return the rudder surface to free movement and check the neutral position, 0° to 5° right rudder (4° right rudder desired).
4. Adjust the rudder stops, located in the aft bulkhead to limit the rudder travel to 25° ± 2° left and right.
5. Safety turnbuckles, recheck the rudder travel and neutral position.

The above information will be included in the next revision of each applicable Service Manual

AMERICAN AVIATION CORPORATION

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