

PREPARED BY L J G  
 CHECKED BY E J D  
 APPROVED BY R F H

AERONCA AIRCRAFT CORPORATION  
 MIDDLETOWN, OHIO

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 REPORT 7A-P-4  
 SECTION .124

.124 ELEVATOR TAB

The tension in the elevator tab system can be adjusted by the turnbuckles attached directly to the tab horn. For adjustment in flight, a friction knob is available through a slide fastener in the cabin head-lining directly above the pilot.

It should be noted here that the tab travel angles are measured with respect to the elevator and not with respect to the elevator datum line.

TABLE .1-1  
RIGGING DATA

SURFACE	TRAVEL AND TOLERANCES	RIGGING LOAD
AILERON	UP - 28.5° $\begin{matrix} +1^\circ \\ -2^\circ \end{matrix}$	45-55 lbs.
	DOWN - 18.0° $\begin{matrix} +1^\circ \\ -2^\circ \end{matrix}$	
RUDDER	RIGHT -25.0° $\begin{matrix} +1^\circ \\ -2^\circ \end{matrix}$	Spring Tension
	LEFT - 25.0° $\begin{matrix} +0^\circ \\ -2^\circ \end{matrix}$	
ELEVATOR	UP - 25.0° $\begin{matrix} +0^\circ \\ -2^\circ \end{matrix}$	45-55 lbs.
	DOWN - 15.5° $\pm 2^\circ$	
ELEVATOR TAB	UP - 20.0° $\begin{matrix} +2^\circ \\ -0^\circ \end{matrix}$	15-20 lbs.
	DOWN - 34.5° $\begin{matrix} +2^\circ \\ -0^\circ \end{matrix}$	
TAIL BRACE WIRES		350-450 lbs.

REVISIONS: