

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

AERONCA AIRCRAFT CORPORATION  
MIDDLETOWN, OHIO

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SECTION .1

.1 RIGGING PROCEDURE

.10 LEVELING THE AIRPLANE

The airplane is first leveled in the fore and aft direction by supporting the tail end on a stand, taking preliminary precautions to prevent the airplane from nosing over. Whether the airplane is longitudinally level may be determined by placing a bubble level either on the front window sill or on the cabin floor.

As an alternate but more exact method this procedure may be followed. First determine the size of the square tubes that have the spar attachments on them. If the front tube is  $7/8$  in. in diameter and the rear tube is  $3/4$  in. in diameter the tail must be raised  $1/2^\circ$  higher than the level position. If the tubes are the same size no correction need be made to the level position. After this check has been made a bubble level may be placed across the square tubes being certain that the level is in firm contact with the tubes through the upholstery.

The airplane may be laterally leveled by placing a bubble level along the square tube connecting the rear spars. Access to the tube is obtained through the rear slide fastener in the cabin headlining. Precautions must be taken to prevent the headlining seam interfering with the reading.

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