

PREPARED BY LJG
CHECKED BY EJD
APPROVED BY RFH

AERONCA AIRCRAFT CORPORATION
MIDDLETOWN, OHIO

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REPORT 7A-P-4
SECTION .0151

.0151 TAILWHEEL

The tailwheel is attached to the fuselage with a three piece cantilever spring. It is steerable by means of springs attached to horns projecting from the lower end of the rudder spar. The tire is solid rubber mounted on a cast wheel.

.0152 FLOATS

At the present time there is no approved float installation.

.0153 SKIIS

At the present time there is no approved ski installation.

.016 CONTROL SYSTEM

All control surfaces are cable operated from either seat. AN X-4130 tube is used to connect the front and rear control sticks. All control cables except those actuating the rudder are rigged to a definite load as given in Table .1-1. The rudder cables are held taut by means of springs attached to each rudder pedal.

.017 POWER PLANT

.0170 ENGINE

The engine used on the Model 7AC is a Continental engine, Model A-65-8. This is a four-cylinder, horizontally opposed, aircooled engine having a displacement of 171 cu. in. and producing 65 hp at 2300 RPM at sea level.