



SERVICE INSTRUCTIONS #5

This Service Instruction reidentified as
Service Instruction M 20-5
per Service Instruction M20-15.

MOONEY AIRCRAFT, INC.

August 18, 1964

TO: DISTRIBUTORS - DEALERS - SERVICE CENTERS
FROM: CUSTOMER SERVICE DEPARTMENT
SUBJECT: ADDITIONAL RIGGING TOLERANCE

Aircraft Effectivity: M20C - 1852, 1940 & on.
M20E - 101 & on.

Wing Flaps - Ref. Dwg. 750000 (7300)
Measured from wing chord with travel board at Wing Sta. 147.75
Take-off position, 15°, Tolerance $\pm 1^\circ$; Approach & landing
position, 33°, Tolerance $+0^\circ -2^\circ$. Flap Up Position $0^\circ \pm 2^\circ$.

Rudder & Nosewheel. - Ref. Dwg. 720000 (7248) & 480000 (4100)
Measured from fin chord with travel board centered on rivet
line at Fin Sta. 13.5. Left travel, 23°, Right travel, 23°,
Tolerance $+1^\circ -0^\circ$ for either. With pilot's rudder pedals in
neutral (aligned), trim assist unit 740044 (7038) at zero
spring travel, and longitudinal trim in the 0° position,
rudder and nosewheel settings are $1^\circ \pm 2^\circ$ right.

MOONEY AIRCRAFT, INC.

Brooks E. Kalmbach
Brooks E. Kalmbach
Customer Service Manager

BEK:bb