

MOONEY AIRCRAFT CORPORATION
PILOT'S OPERATING HANDBOOK AND FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR THE
LANDING GEAR RETRACTION OVERRIDE SYSTEM

GENERAL

This document is to be attached to the Pilot's Operating Handbook (M20J Models prior to S/N 24-0238) or to the Operator's Manual (M20C, E and F Models) when the airplane has been modified in accordance with Mooney Service Bulletin SB-20-196.

When the airplane has been modified in accordance with the Service Bulletin the landing gear safety system override allows the pilot to electrically retract the landing gear should a malfunction occur at the squat switch.

LIMITATIONS

No change.

EMERGENCY PROCEDURES

In the event that the gear fails to retract when the landing gear control switch is placed in the "UP" position due to the failure of the squat switch to activate after take off, the following procedure should be used as an alternate means to allow retraction:

- (1) If the squat switch fails to actuate, as evidenced by illumination of the "GR SAFETY BY PASS" switch, both gear annunciator lights, and the activation of the gear warning horn, depress "GR SAFETY BY PASS" switch and hold until gear is fully retracted. This is evidenced by both the "in transit and gear down" annunciator lights not being illuminated.
- (2) Pull "GEAR CONT." circuit breaker to shut off gear horn. (Note: This does not affect normal operation of the horn, but must be reset prior to normal extension of the landing gear).

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Date: 3-29-77

Page 1 of 2

MOONEY AIRCRAFT CORPORATION

- (3) To extend gear, reset the "GEAR CONT." circuit breaker and then place the gear control switch in the "DOWN" position.
- (4) Check "SQUAT" safety switch to determine nature of malfunction as soon as practical.

NORMAL PROCEDURES

No change.

PERFORMANCE

No change.

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for

D. D. Castle

Don P. Watson, Chief
Engineering & Mfg. Branch
Federal Aviation Administration
Southwest Region, Fort Worth, TX

Date

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Page 2 of 2

Airplane Flight Manual Supplement Models M20C, E, F, J