

**BEECHCRAFT 35-C33, 35-C33A, E33, E33A, E33C,
F33, F33A, F33C, G33, S35, V35, V35A, V35B, 36,
A36, AND A36TC LANDPLANES**

**PILOT'S OPERATING HANDBOOK AND
FAA APPROVED AIRPLANE FLIGHT MANUAL
SUPPLEMENT
for the
LANDING GEAR SAFETY SYSTEM**

GENERAL

This document is to be attached to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual when the airplane is equipped with the Landing Gear Safety System which has been installed in accordance with BEECHCRAFT FAA approved data.

This document supersedes or adds to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual only where covered in the items contained herein.

LIMITATIONS

The landing gear safety system is designed to help prevent "gear-up" landings and premature or inadvertent operation of the landing gear mechanism. The system is to be used as safety backup device only; normal usage of the landing gear position switch is mandatory.

EMERGENCY PROCEDURES

In the event of an emergency, automatic extension of the landing gear may be prevented by placing the landing gear safety system switch in the OFF position, thus inactivating the safety system.

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operating at a throttle position corresponding to approximately 18 to 20 inches or less of manifold pressure depending on setting.

2. Landing Gear Retraction - With the landing gear safety system switch in the ON position, the landing gear will not retract unless: (1) the landing gear position switch is in the UP position (2) the airspeed is above approximately 78 kts/90 mph IAS and (3) the engine is operating at a throttle position corresponding to approximately 18 to 20 inches or more of manifold pressure depending on setting.

NOTE

If landing gear retraction is desired before the indicated airspeed reaches approximately 78 kts/90 mph, the landing gear safety system must be inactivated by placing the switch in the OFF position, preferably before placing the landing gear position switch in the UP position.

PERFORMANCE

No change

Approved:



For

W. H. Schultz
Beech Aircraft Corporation
DOA CE-2

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NORMAL PROCEDURES

PREFLIGHT CHECK:

1. Throttle - CLOSED OR RETARDED.
2. Battery master switch - ON
3. Landing gear circuit breaker - either IN or OUT.
4. (Airplanes incorporating the on-off and test function in one switch.)
Place the ON-OFF-TEST switch in the TEST position. Proper functioning of the automatic landing gear extension portion of the system is indicated by the noise or movement of the solenoid in the landing gear position switch. The ON-OFF-TEST switch returns normally to the ON position unless the pilot places the switch in the OFF position.
5. (Airplanes equipped with on-off and press-to-test switches.)
Place the ON-OFF switch in the "ON" position and push the PRESS-TO-TEST. Proper functioning of the automatic landing gear extension portion of the system is indicated by the noise or movement of the solenoid in the landing gear position switch. The PRESS-TO-TEST switch will not operate the solenoid unless the on-off switch is in the "ON" position.
6. Landing gear circuit breaker - IN before takeoff.

OPERATION

1. Landing Gear Extension - With the landing gear safety system switch in the ON position the landing gear will be automatically extended when: (1) the airspeed is below approximately 104 kts/120 mph IAS and (2) the engine is

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