Ignition/Starter Switches and Door Lock Kits Description and Operation

General
A. Ignition switches manufactured by Teledyne Continental Motors, Aircraft Products, Mobile, Alabama 36601 are designed to provide control of magneto operation. Optional starter solenoid control, electrical primer control, and key or lever designs are available as shown in Figure 1.

B. The various switch position functions are listed below.

- **Off**: Both magnetos inoperative
- **R**: Right magneto operating
  - Left magneto inoperative
- **L**: Left magneto operating
  - Right magneto inoperative
- **Both**: Both magnetos operative
- **Start**: Battery terminal connected to starter solenoid through start terminal. Right magneto may be grounded with jumper between right terminals.
  - Left magneto main and retard contacts may be connected to starting vibrator output. Spring return to both position.
- **Push to Prime**: Allows aircraft to be electrically primed either in Both or Start position. Spring loaded to normally open circuit position.

C. Typical ignition switch mounting dimensions are shown in Figure 2. Dimensions are in inches.

D. Ignition switch placard indicator dials are available for each type of switch.

E. Door locks are supplied in kits as listed in Illustrated Parts List. Door locks supplied with key-actuated switches are actuated by the same key. Door locks listed in Illustrated Parts List are also available separately and, when purchased this way, will have their own key. If a door lock or switch becomes damaged, a new one may be purchased separately.

Switch Functions

- **Twist to Start**
  - 10-357200-1 with 2 keys
  - 10-357230-1 Lever type
  - 10-357260-1 Lever type, without lever

- **Push to Start**
  - 10-357210-1 with 2 keys
  - 10-357240-1 Lever type

- **Twist to Start**
  - Push to Prime
  - 10-357250-1 Lever type

- **GM Type**
  - 10-357290-1 with 2 keys
  - 10-400185-1 GM lever type