

7.9.2 Engine Controls

The Mixture, Throttle, and Alternate Air Control levers are grouped together in the center console. The tension/friction for the controls can be adjusted using the friction knob located on the right side of the center console.

Mixture Lever: right lever with red cylindrical handle and integral lock out lever
 lever full forward = Full Rich
 lever full aft = Idle Cutoff

The mixture control lever features a safety lock which prevents inadvertent leaning of the mixture. To release, squeeze the safety lock lever and the control knob together.

Throttle: center lever with "T" handle
 lever full forward = FULL throttle
 lever full aft = IDLE

Alternate Air: left lever with square handle
 lever full forward = Primary air intake
 lever full aft = Alternate air intake

The alternate air control selects a second induction air intake in case of restriction of the primary air intake (filter).

SHORTLY BEFORE LANDING

- (8) Mixture IDLE CUTOFF
- (9) Fuel Shut-off Valve CLOSED
- (10) Ignition Switch OFF
- (11) Flaps as required
- (12) GEN/BAT Master Switch OFF

ENGINE INOPERATIVE

Perform emergency landing according to paragraph 3.3.3.

(c) Engine Failure during Flight

ENGINE RUNNING ROUGHLY

- (1) Mixture FULL RICH
- (2) Alternate Air OPEN
- (3) Fuel Shut-off OPEN
- (4) Fuel Pump ON
- (5) Ignition Switch cycle L - BOTH - R - BOTH
- (6) Throttle at present position
- (7) No Improvement reduce throttle to minimum
required power, land as soon
as possible.