

### **ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF**

1. Airspeed -- 85 KIAS.
2. Mixture -- IDLE CUT-OFF.
3. Fuel Selector Valve -- OFF.
4. Ignition Switch -- OFF.
5. Wing Flaps -- AS REQUIRED (30° recommended).
6. Master Switch -- OFF.

### **ENGINE FAILURE DURING FLIGHT**

1. Airspeed -- 85 KIAS.
2. Fuel Quantity -- CHECK.
3. Fuel Selector Valve -- FULLER TANK.
4. Mixture -- RICH.
5. Auxiliary Fuel Pump -- ON for 3-5 seconds with throttle 1/2 open; then OFF.
6. Ignition Switch -- BOTH (or START if propeller is stopped).
7. Throttle -- ADVANCE slowly.

## **FORCED LANDINGS**

### **EMERGENCY LANDING WITHOUT ENGINE POWER**

1. Airspeed -- 90 KIAS (flaps UP),  
80 KIAS (flaps DOWN).
2. Mixture -- IDLE CUT-OFF.
3. Fuel Selector Valve -- OFF.
4. Ignition Switch -- OFF.
5. Landing Gear -- DOWN (UP if terrain is rough or soft).
6. Wing Flaps -- AS REQUIRED (30° recommended).
7. Doors -- UNLATCH PRIOR TO TOUCHDOWN.
8. Master Switch -- OFF when landing is assured.
9. Touchdown -- SLIGHTLY TAIL LOW.
10. Brakes -- APPLY HEAVILY.

### **PRECAUTIONARY LANDING WITH ENGINE POWER**

1. Airspeed -- 85 KIAS.
2. Wing Flaps -- 10°.
3. Selected Field -- FLY OVER, noting terrain and obstructions, then retract flaps upon reaching a safe altitude and airspeed.
4. Electrical Switches -- OFF.
5. Landing Gear -- DOWN (UP if terrain is rough or soft).