

**ENGINE FAILURE AFTER TAKEOFF**

Aircraft ..... Maintain Control  
Airspeed ..... 83 MPH  
Engine ..... Shutdown

**ENGINE FAILURE IN FLIGHT**

Airspeed ..... 83 MPH  
Place to Land ..... Pilot Option  
Fuel Selector ..... Switch Tanks  
Carb Heat ..... On  
Fuel Pump ..... On  
Mixture ..... Rich  
Magnetos ..... Check  
Primer ..... Check  
Engine Instruments ..... Check  
Cockpit/Passengers ..... Prepare  
If Time/Altitude Permit:  
    Transponder ..... 7700  
    Radio ..... Transmit 121.5  
    ELT ..... On  
    Engine ..... Shutdown

**ENGINE FIRE - START**

Starter ..... Continue Cranking  
Mixture ..... Idle Cut-Off  
Throttle ..... Full Open  
Fuel Pump ..... Off  
Fuel Selector ..... Off

**ENGINE FIRE - FLIGHT**

Fuel Selector ..... Off  
Throttle ..... Idle  
Mixture ..... Idle Cut-Off  
Fuel Pump ..... Off  
Heater/Defroster ..... Off  
Prepare for Power Off Landing

**ELECTRICAL FIRE - FLIGHT**

Battery Master ..... Off  
Alternator Master ..... Off  
Vents ..... Open  
Heater/Defroster ..... Off

**SPIN RECOVERY**

Rudder ... Full Opposite Direction of Spin  
Control Wheel .. Forward/Ailerons Neutral  
Throttle ..... Idle  
Rudder .....Neutral When Rotation Stops  
Control Wheel ..... As Required  
Throttle ..... As Required

**EMERGENCY DESCENT**

Throttle ..... Idle  
Mixture ..... Rich  
Bank ..... 30-45 Degrees  
Fuel Pump ..... On  
Rollout ..... Upon Obtaining 140 MPH

Vr: 60	Vso: 55	Vs1: 60	Vx: 74	Vy: 85
Vfe: 115	Va: 129	Vno: 140	Vne: 171	Vglide:83