

## ENGINE FAILURE

### TAKE OFF

Throttle ----- IDLE  
 Brakes ----- MAX  
 Flaps ----- RETRACTED  
 Ignition ----- OFF  
 Master switch ----- OFF

### CLIMB

Insufficient Power  
 Airspeed ----- 60 KIAS  
 Throttle ----- FULL  
 Carburetor Heat ----- ON  
 Choke ----- OFF  
 Fuel Valve ----- OPEN  
 Ignition ----- BOTH  
 Fuel Pump ----- ON  
 Prop ----- FULL FORWARD

No Power  
 Fuel Valve ----- CLOSE  
 Ignition ----- OFF  
 Master Switch ----- OFF

### IN FLIGHT

Fuel Valve ----- OPEN  
 Carburetor ----- ON  
 Fuel Pump ----- ON  
 Ignition ----- CYCLE  
 Throttle ----- NO ACTION

Restart unsuccessful  
 Radio ----- MAYDAY  
 Transponder ----- 7700  
 Electrics ----- expect MASTER OFF

Landing assured  
 Fuel Valve ----- CLOSE  
 Ignition ----- OFF  
 Safety Belts ----- FASTEN  
 Flaps ----- AS REQUIRED  
 Battery Master ----- OFF

## ENGINE FIRE

### GROUND

Fuel Valve ----- CLOSE  
 Throttle ----- FULL  
 Gen/Bat ----- OFF  
 Ignition ----- OFF  
 --EVACUATE AIRCRAFT--

### IN FLIGHT

Fuel Valve ----- CLOSE  
 Fuel Pump ----- OFF  
 Cabin Heat ----- OFF  
 Airspeed ----- 70 KIAS  
 Flaps ----- T/O  
 Throttle ----- FULL  
 -EXECUTE FORCED APPROACH-

## ELECTRICAL FIRE

### GROUND

Gen/Bat ----- OFF  
 Throttle ----- IDLE  
 Fuel Valve ----- CLOSE  
 Ignition ----- OFF  
 Canopy ----- OPEN  
 --USE FIRE EXTINGUISHER--

### IN FLIGHT

Gen/Bat ----- OFF  
 Cabin Air ----- OPEN  
 Cabin Heat ----- OFF  
 --USE FIRE EXTINGUISHER--  
 --LAND AS SOON AS POSSIBLE--

If Electrics required  
 Avionic Master ----- OFF  
 Electrics ----- OFF  
 Bat Switch ----- ON  
 Avionic Master ----- ON  
 Radio ----- ON

## CABIN FIRE

Gen/Bat -----OFF  
Cabin Air ----- OPEN  
Cabin Heat ----- CLOSE  
--USE FIRE EXTINGUISHER--  
--LAND AS SOON AS POSSIBLE--

## LOW OILPRESSURE

Oil Temp ----- CHECK  
Oil Temp Normal  
--LAND AT NEAREST AIRPORT--  
Oil Temp rising  
Power ----- MIN REQUIRED  
--LAND AS SOON AS POSSIBLE--  
--EXPECT ENGINE FAILURE--

## LOW FUELPRESSURE

Fuel Pump ----- ON  
Fuel Pressure not rising  
--LAND AT NEAREST AIRFIELD--  
--EXPECT ENGINE FAILURE--

## ELECTRICAL FAILURE

CB Battery ----- CHECK IN  
Gen/Bat ----- CHECK ON  
If problem persists  
--LAND AT NEAREST AIRFIELD--

## GENERATOR FAILURE

Gen/Bat -----CYCLE  
CB Generator ----- CHECK IN  
CB Gen Control ----- CHECK IN  
If problem persists  
Electrics ----- REDUCE LOAD  
--LAND AT NEAREST AIRFIELD--  
--ABOUT 30 min CAPACITY--

## LOW VOLTAGE

### GROUND

Propeller ----- INCREASE RPM  
Electrics----- REDUCE LOAD  
If problem persists  
--CANCEL FLIGHT--

### IN FLIGHT

Electrics----- REDUCE LOAD  
If problem persists  
--SEE GENERATOR FAILURE--

## FLAP INDIC. FAILURE

Flaps----- CHECK VISUALLY  
Speed ----- max 78 KIAS  
Flaps----- CYCLE  
If Flaps stuck  
Up -----68KIAS  
T/O -----NORMAL APPROACH  
LDG-----NORMAL APPROACH

## RUNAWAY TRIM

--CONTROL AIRCRAFT--  
CB Trim ----- PULL  
Trim Switch ----- CHECK IF STUCK