

ENGINE FAILURE

During Takeoff

THROTTLE IDLE
BRAKES APPLY
FLAPS RETRACT
MIXTURE IDLE CUT-OFF
FUEL SELECTOR VALVE OFF
IGNITION OFF
MASTER SWITCH OFF

After Takeoff

AIR SPEED 65 KIAS (FLAPS UP)
..... 60 KIAS (FLAPS DN)
MIXTURE IDLE CUT-OFF
FUEL SELECTOR VALVE OFF
IGNITION OFF
FLAPS As Required
MASTER SWITCH OFF
CABIN DOORS Unlatch
Land Straight Ahead

During Flight

AIR SPEED 65 KIAS
Look for at field
FUEL SELECTOR VALVE BOTH
PRIMER In & Locked
MIXTURE RICH
IGNITION BOTH (OR START)
AIR SPEED 65 KIAS (FLAPS UP)
..... 60 KIAS (FLAPS DN)
MAYDAY TRANSMIT (121.5)
SQUAWK 7700
Before landing:
MIXTURE IDLE CUT-OFF
FUEL SELECTOR VALVE OFF
IGNITION OFF
FLAPS AS REQUIRED
MASTER SWITCH OFF
CABIN DOORS Unlatch
TOUCHDOWN Tail Low

CARBURETTOR ICING

THROTTLE Full
CARBHEAT ON (OUT)
MIXTURE Adjust

ENGINE ROUGHNESS

MAGNETOS Check
MIXTURE Lean as necessary

Emergency checklist C172N OY-AZM

ENGINE FIRE

During start

IGNITION Start Continue
If Engine starts:
THROTTLE 1700 RPM (2 min)
Shut down engine and inspect
If Engine fails:
THROTTLE FULL
MIXTURE IDLE CUT-OFF
Continue Cranking
Fire extinguisher Obtain
Secure engine:
MASTER SWITCH OFF
IGNITION OFF
FUEL SELECTOR VALVE OFF
Extinguish Fire

During flight

MIXTURE IDLE CUT-OFF
FUEL SELECTOR VALVE OFF
MASTER SWITCH OFF
CABIN HEAT/AIR OFF
AIR SPEED 100 KIAS

ELECTRICAL FAILURE - LOW VOLTAGE WARNING

AMMETER VERIFY
ALTERNATOR OFF
Reduce load to minimum
BREAKER/ALT Check & Reset
ALTERNATOR ON
If still no power:
ALTERNATOR OFF
Reduce load and land

OVERVOLTAGE WARNING

MASTER SWITCH OFF
AVIONICS MASTER SWITCH OFF
MASTER SWITCH ON
If Over-voltage light comes on:
TERMINATE flight ASAP

Emergency checklist C172N OY-AZM