EMERGENCY PROCEDURES & PREFLIGHT CHECKLIST

This is to be used as a REFERENCE ONLY, it is not a substitute for the Airplane Flight Manual.

If engine starts:
1. Power ...........1700 RPM for a few minutes
2. Engine .........................SHUTDOWN

If engine fails to start:
1. Throttle ....................FULL OPEN
2. Mixture .....................IDLE CUT-OFF
3. Cranking ...................CONTINUE
4. Fire Extinguisher ...........OBTAIN
5. Engine ..................SECURE
   a) Master Switch ...............OFF
   b) Ignition Switch ...............OFF
   c) Fuel Selector Valve ...........OFF
6. Fire ..................EXTINGUISH
7. Fire Damage ...............INSPECT

EMERGENCY LANDINGS

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF
1. Airspeed ................65 KIAS (flaps UP)
   ......................................60 KIAS (flaps DOWN)
2. Mixture ....................IDLE CUT-OFF
3. Fuel Selector Valve ..............OFF
4. Ignition Switch ....................OFF
5. Wings Flaps ..................AS REQUIRED
6. Master Switch ....................OFF

ENGINE FIRE IN FLIGHT
1. Mixture .....................IDLE CUT-OFF
2. Fuel Selector Valve ..............OFF
3. Master Switch ....................OFF
4. Cabin Heat and Air ..............OFF
   ..............................(except overhead vents)
5. Airspeed ......................100 KIAS
   (if fire is not extinguished, increase
   glide speed to find an airspeed which
   will provide an incombustible mixture)
6. Forced Landing ..............EXECUTE
   (as described in Emergency Landing
   Without Engine Power)

FIRES

DURING START ON GROUND
1. Cranking ......................CONTINUE
   to get a start which would suck the flames
   and accumulated fuel through the
   carburetor and into the engine
9. Avionics Power Switch ....................ON
10. Radio/Electrical Switches .................ON
    one at a time, with delay after each
    until short circuit is localized
11. Vents/Cabin Air/Heat .....................OPEN
    when it is ascertained that fire is
    completely extinguished

CABIN FIRE
1. Master Switch ............................OFF
2. Vents/Cabin Air/Heat  ..................CLOSED
3. Fire Extinguisher .......................ACTIVATE
4. Landing the airplane as soon as possible
    to inspect for damage

WING FIRE
1. Navigation Light Switch ................OFF
2. Pitot Heat Switch (if installed) .......OFF
3. Strobe Light Switch (if installed) ....OFF
NOTE: Perform a sideslip to keep the flames
away from the fuel tank and cabin, and
land as soon as possible using flaps only
as required for final approach and
touchdown.

ELECTRICAL POWER SUPPLY SYSTEM
MALFUNCTIONS

AMMETER SHOWS EXCESSIVE RATE OF
CHARGE (Full Scale Deflection)
1. Alternator ..................................OFF
2. Alternator Circuit Breaker .............PULL
3. Nonessential Electrical Equipment
    ...........................................OFF
4. Flight ....................................TERMINATE
    ........................................as soon as practical

LOW VOLTAGE LIGHT ILLUMINATES
DURING FLIGHT
(Ammeter indicates Discharge)

PREFLIGHT CHECK

Cabin
1. Required Papers (ARROW).........on board
2. Control Wheel Lock..............REMOVE
3. Ignition Switch .......................OFF
4. Master Switch ............................ON
5. Fuel Quantity ..................CHECK QUANTITY
6. Lights .........................................CHECK
7. Master Switch .........................OFF
8. Alt Static Air .........................CHECK
9. Baggage Door ..................Check, and Lock

Empennage
1. Rudder Gust Lock ..............Remove
2. Tail Tie-Down ................DISCONNECT
3. Control Surfaces ..................CHECK

Right Wing (trailing edge)
1. Aileron ..................................Check
2. Wing Tie-Down ......................DISCONNECT
3. Main Wheel Tire ...................CHECK
4. Fuel Sump ............................CHECK
5. Fuel Quantity ..................CHECK VISUALLY
6. Fuel Filler Cap ..................SECURE

Nose
1. Engine Oil Level .................4-6qts
2. Fuel Strainer ..........................CHECK & DRAIN
3. Propeller and Spinner ............CHECK
4. Landing Light(s) ....................CHECK
5. Carburetor Air Filter .............CHECK
6. Nose Wheel Strut and Tire .........CHECK
7. Static Source Opening .........CHECK

Left Wing
1. Main Wheel Tire ..................CHECK
2. Fuel Sump ............................CHECK
3. Fuel Quantity ..................CHECK VISUALLY
4. Fuel Filler Cap ..................SECURE

Left Wing (leading edge)
1. Pitot Tube Cover .................REMOVE
2. Fuel Tank Vent Opening ............CHECK
3. Stall Warning Opening .........CHECK
4. Wing Tie-Down ......................DISCONNECT

Left Wing (trailing edge)
1. Aileron ..................................CHECK
2. Flaps ......................................CHECK