FIRE 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.

If engine starts:
2. Power -- 1800 RPM for a few minutes.
3. Engine -- SHUTDOWN and inspect for damage.

If engine fails to start:
4. Engine -- SECURE.
  a. Master Switch -- OFF.
  b. Ignition Switch -- OFF.
  c. Fuel Shutoff Valve -- OFF.
5. Fire – EXTINGUISH using fire extinguisher, wool blanket, or dirt.

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 wing root vents).
5. Airspeed -- 135 MPH (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).

CABIN FIRE
1. Master Switch -- OFF.
2. Vents/Cabin Air/Heat -- CLOSED (to avoid drafts).
3. Fire Extinguisher -- ACTIVATE (if available).

WARNING
After discharging an extinguisher within a closed cabin, ventilate the cabin.

4. Land 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. Land as soon as practical.

NOTE
Perform a sideslip to keep the flames away from the fuel tank and cabin, and land as soon as possible, with flaps retracted.

<u>ELECTRICAL FIRE IN FLIGHT</u>

1. Master Switch -- OFF.
2. All Other Switches (except ignition switch) -- OFF.
3. Vents/Cabin Air/Heat -- CLOSED.
4. Fire Extinguisher -- ACTIVATE (if available)

WARNING
After discharging an extinguisher within a closed cabin, ventilate the cabin.

If fire appears out and electrical power is necessary for continuance of flight:
5. Master Switch -- ON.
6. Circuit Breakers -- CHECK (do NOT reset tripped circuit breakers).
7. Radio/ Electrical Switches -- ON (one at a time, with delay after each until short circuit is localized).
8. Vents/ Cabin Air/ Heat – OPEN (when it is ascertained that fire is completely extinguished).

FIRE EMERGENCY CHECK LIST