

- FORCED LANDINGS -

- EMERGENCY LANDING WITHOUT ENGINE POWER -

Seats, Seat Belts/Harness SECURE
 Airspeed 68 KIAS (flaps up)
 60 KIAS (flaps down)
 Mixture IDLE CUTOFF
 Fuel Selector Valve BOTH
 Ignition Switch OFF
 Wing Flaps AS REQ. (30° recommended)
 Master Switch OFF
 Doors UNLATCH prior to touchdown
 Touchdown SLIGHTLY TAIL LOW
 Brakes APPLY HEAVILY

- PRECAUTIONARY LANDING WITH ENGINE POWER -

Seats, Seat Belts/Harness SECURE
 Wing Flaps 20°
 Airspeed 60 KIAS
 Selected Field FLY OVER
 *noting terrain & obstructions*
retract flaps upon reaching safe altitude
& airspeed
 Avionics Power Switch OFF
 Electrical Switches OFF
 Wing Flaps 30° (on final app)
 Airspeed 60 KIAS
 Master Switch OFF
 Doors UNLATCH prior to touchdown
 Touchdown SLIGHTLY TAIL LOW
 Ignition Switch OFF
 Brakes APPLY HEAVILY

- FIRES -

- DURING START ON GROUND -

Cranking CONTINUE
*. . . to get a start which would suck the
 flames and accumulated fuel through
 the carburetor and into the engine*

If engine starts:

Power 1700 RPM for a few mins
 Engine SHUTDOWN & inspect for damage

If engine fails to start:

Throttle FULL OPEN
 Mixture IDLE CUTOFF
 Cranking CONTINUE
 Fire Extinguisher OBTAIN
 Engine SECURE
 Master Switch OFF
 Ignition Switch OFF
 Fuel Selector Valve OFF

Fire EXTINGUISH
 Fire Damage INSPECT

- ENGINE FIRE IN FLIGHT -

Mixture IDLE CUTOFF
 Fuel Selector OFF
 Master Switch OFF
 Cabin Heat & Air . . OFF (except overhead vents)
 Airspeed 100 KIAS
*. if fire isn't extinguished, increase
 speed to find airspeed which will
 provide an incombustible mixture*
 Forced Landing EXECUTE

- CABIN FIRE -

Master Switch OFF
 Vents/Cabin Air & Heat CLOSED
 Fire Extinguisher ACTIVATE
 When Fire Extinguished VENTILATE
 Land ASAP

- FIRES -

- ELECTRICAL FIRE IN FLIGHT -

Master Switch OFF
 Vents/Cabin Air & Heat CLOSED
 Fire Extinguisher ACTIVATE
 When Fire Extinguished VENTILATE
 Avionics Power Switch OFF
 All Other Switches (except ignition) OFF
 Master Switch ON
 Circuit Breakers CHECK (do NOT reset)
 Radio Switches OFF
 Avionics Power Switch ON
 Radio/Electrical Switches ON
*. one at a time, with
 delay after each until short
 circuit is localized*

- WING FIRE -

Landing/Taxi Light OFF
 Pitot Heat Switch OFF
 Navigation Light OFF
 Strobe Light OFF
*Perform sideslip to keep flames away from fuel
 tank and cabin. Land ASAP. Use flaps only as
 required for final approach and touchdown.*

- CLEANING FOULED SPARK PLUGS -

Magnetos BOTH
 Throttle 1700 RPM
 Mixture LEAN
*Run at lean/hot mixture for 30-60 seconds. Test
 magnetos again. If drop is still too high, cancel
 flight and squawk issue.*