

BEFORE STARTING ENGINE

Preflight Inspection COMPLETE
 Passenger Briefing COMPLETE
 Seats, Belts, Harnesses ON
 Fuel shutoff valve BOTH
 Fuel Quantity CHECK
 Electrical OFF
 Circuit Breakers IN
 Brakes TEST/SET

ENGINE START

Mixture RICH
 Carburetor Heat COLD
 Master ON
 Beacon ON
 Prime AS REQUIRED
 Throttle OPEN 1/8 INCH
 Propeller Area CLEAR
 Ignition Switch START
 Oil Pressure CHECK
 Avionics ON
 Radio ON/SET
 Transponder ON/ALT
 Wing Flaps UP
 Mixture LEAN

ENGINE FIRE IN FLIGHT

Mixture IDLE CUT-OFF
 Fuel Shutoff Valve OFF
 Master Switch OFF
 Cabin heat/air OFF
 Airspeed 100 KIAS
 or higher speed as required
 Fire Extinguisher ACTIVATE
 Forced Landing EXECUTE

BEFORE TAKEOFF

Doors CLOSED/LATCHED
 Brakes ON
 Flight Controls FREE & CORRECT
 Fuel Valve BOTH
 Mixture RICH
 Trim SET FOR TAKEOFF
 Throttle 1700 RPM
 Mags 125 DROP/50 DIFF
 Carb heat CHK
 Ammeter CHK
 Suction CHK
 Idle CHK
 Throttle BELOW 1000 RPM
 Radio SET
 Transponder ON ALT
 Lights ON
 Throttle Fiction Lock ADJ

NORMAL TAKEOFF

Wing Flaps 0-10°
 Carburetor Heat COLD
 Mixture RICH
 Throttle FULL OPEN
 Elevator Control ROTATE AT 55 KIAS
 Climb Speed 70-80 KIAS