

| PREFLIGHT INSPECTIONS | | 6. Leading Edge | CHECKED |
|---------------------------|---------------|----------------------------|--------------------|
| AIRCRAFT BINDER | | 7. Air Vents | CHECKED |
| 1. POH | CHECKED | 8. Strut | CHECKED |
| 2. Weight | CHECKED | LANDING GEAR | |
| PRIOR TO PREFLIGHT | | 1. Tire | CHECKED |
| 1. Visual Fuel Quantity | CHECKED | 2. Brakes and Lines | CHECKED |
| 2. Fuel Samples (3 sumps) | CHECKED | 3. Chocks | REMOVED |
| 3. Pitot Tube Cover | REMOVED | NOSE | |
| 4. Oil Level | CHECKED | 1. Eng Cowling | CHECKED |
| CABIN | | 2. Avionics Cooling Scoop | CHECKED |
| 1. Headsets | PLUGGED IN | 3. Nose Wheel Linkage | CHECKED |
| 2. Aircraft Keys | FUEL SELECTOR | 4. Shimmy Damper | CHECKED |
| 3. Airworthiness and Reg | CHECKED | 5. Nose Wheel Strut | CHECKED |
| 4. Hobbs/Tach | VERIFIED | 6. Tire | CHECKED |
| 5. Control Wheel Lock | REMOVED | 7. Exhaust | CHECKED |
| 6. Standby VAC Switch | OFF | 8. Prop | CHECKED |
| 7. Ignition Switch | OFF | 9. Spinner | CHECKED |
| 8. Avionics | OFF | 10. Engine Air Inlets | CHECKED |
| 9. Prop | CLEAR | 11. Alternator Belt | CHECKED |
| 10. Master | ON | 12. Flywheel | CHECKED |
| 11. Fuel Quantity | CHECKED | 13. Carb Air Filter | CHECKED |
| 12. Flaps | EXTENDED | 14. Eng Cowling | CHECKED |
| 13. Ext Lights | ON | 15. Static Port | CHECKED |
| 14. Pitot Heat | ON | 16. Avionics Cooling Scoop | CHECKED |
| 15. Lights & Pitot Heat | CHECKED | 17. Battery Access Door | CHECKED |
| 16. Lights & Pitot Heat | OFF | 18. Ext Pwr Port | CHECKED |
| 17. Master | OFF | 19. Nose Wheel Linkage | CHECKED |
| 18. Alternate Static | CHECKED OFF | 20. Nose Wheel Strut | CHECKED |
| 19. Mixture | IDLE CUTOFF | LANDING GEAR | |
| 20. Throttle | CLOSED | 1. Tire | CHECKED |
| 21. Fuel Selector | BOTH | 2. Brakes and Lines | CHECKED |
| 22. Fire Extinguisher | CHECKED | 3. Chocks | REMOVED |
| 23. Windscreen | CHECKED | PORT WING | |
| PORT FUSELAGE | | 1. Strut | CHECKED |
| 1. Baggage Door | CHECKED | 2. Air Vents | CHECKED |
| 2. ELT Antenna | CHECKED | 3. Leading Edge | CHECKED |
| EMPENNAGE | | 4. Pitot Tube | CHECKED |
| 1. Horizontal/Vert Stab | CHECKED | 5. Fuel Tank Vent | CHECKED |
| 2. Elevator | CHECKED | 6. Stall Horn | CHECKED |
| 3. Tie Down | REMOVED | 7. Tie Down | REMOVED |
| 4. Rudder | CHECKED | 8. Wingtip | CHECKED |
| 5. VOR Antennas | CHECKED | 9. Aileron | CHECKED |
| 6. Elevator Trim Tab | CHECKED | 10. Flap | CHECKED |
| STARBOARD WING | | 11. Upper Surface | CHECKED |
| 1. Upper Surface | CHECKED | BEFORE STARTING ENGINE | |
| 2. Flap | CHECKED | 1. Preflight | COMPLETED |
| 3. Aileron | CHECKED | 2. Circuit Breakers | CHECKED |
| 4. Wingtip | CHECKED | 3. Brakes | CHECKED |
| 5. Tie Down | REMOVED | 4. Seats, Belts/Harnessess | ADJUSTED & SECURED |

| STARTING ENGINE | | CLIMB | |
|--------------------------------|------------------|----------------------------|---------------|
| 1. Ignition Key | INSERTED | 1. Airspeed | 73 KIAS |
| 2. Avionics | OFF | 2. Throttle | FULL |
| 3. Carb Heat | OFF | 3. Mixture | FULL RICH |
| 4. Beacon | ON | 4. Instruments | CHECKED |
| 5. Mixture | FULL RICH | 5. Taxi / Landing Light | OFF |
| 6. Throttle | SLIGHT | CRUISE / POST MANEUVER | |
| 7. Primer | AS REQ IN LOCKED | 1. Throttle | 2100-2300 RPM |
| 8. Brakes | HOLD | 2. Mixture | SET |
| 9. Prop | CLEAR | 3. Instruments | CHECKED |
| 10. Master | ON | 4. Landing Light | OFF |
| 11. Ignition | START | PRE MANEUVER | |
| 12. Throttle | 1000 RPM | 1. Fuel Selector | BOTH |
| 13. Oil Pressure | CHECKED | 2. Mixture | FULL RICH |
| 14. Ammeter | POSITIVE | 3. Landing Light | ON |
| 15. Avionics | ON | DESCENT | |
| 16. NAV / Strobe Lights | ON | 1. Instruments | CHECKED |
| BEFORE TAXI | | 2. Mixture | ADJUSTED |
| 1. Flight Controls | CHECKED | 3. Fuel Selector | BOTH |
| 2. Trim | SET | 4. Carb Heat | AS REQ |
| 3. Mixture | LEAN | 5. Throttle | AS REQ |
| 4. Flaps | UP | BEFORE LANDING | |
| 5. Heat/Air vent/Defrost | AS REQ | 1. Seatbelts & Harnesses | SECURED |
| 6. Radios | CHECKED & SET | 2. Fuel Selector | BOTH |
| 7. Flight Instruments | CHECKED & SET | 3. Mixture | FULL RICH |
| TAXI | | 4. Landing / Taxi Lights | ON |
| 1. Transponder | SQK CODE/ ALT | 5. Carb Heat | ON |
| 2. Brakes | CHECKED | 6. Flaps | AS REQ |
| 3. Heading / Turn Coordinators | CHECKED | AFTER LANDING | |
| RUN-UP | | 1. Throttle | 1000 RPM |
| 1. Brakes | HOLD | 2. Flaps | UP |
| 2. Fuel Selector | BOTH | 3. Mixture | LEAN |
| 3. Mixture | FULL RICH | 4. Carb Heat | OFF |
| 4. Throttle | 1700 RPM | 5. Strokes / Landing Light | OFF |
| 5. Mags | CHECKED | 6. Pitot Heat | OFF |
| 6. Carb Heat | CHECKED ON | SECURING | |
| 7. Voltmeter / Ammeter | CHECKED | 1. ELT | CHECKED |
| 8. Suction Gauge | CHECKED | 2. Transponder | STANDBY |
| 9. Oil Temp / Press | CHECKED | 3. Avionics | OFF |
| 10. Throttle | IDLE | 4. Throttle | IDLE |
| 11. Carb Heat | CHECKED OFF | 5. Mags | CHECKED BOTH |
| 12. Throttle | FULL | 6. Mixture | IDLE CUTOFF |
| 13. Throttle | 1000 RPM | 7. Mags | OFF |
| 14. Throttle Friction Lock | ADJUSTED | 8. Master | OFF |
| 15. Mixture | LEAN | 9. Aircraft Keys | FUEL SELECTOR |
| 16. Takeoff Brief | COMPLETE | 10. Int / Ext Lights | OFF |
| LINE-UP | | 11. Controls Lock | INSTALLED |
| 1. Flaps | UP | 12. Covers / Tie Downs | INSTALLED |
| 2. Mixture | FULL RICH | 13. Chocks | INSTALLED |
| 3. Carb Heat | OFF | 14. Sunscreens | INSTALLED |
| 4. Instruments / Transponder | CHECKED | 15. Hobbs / Tach | RECORDED |
| 5. Doors | LATCHED | 16. Cabin / Baggage Door | CLOSED |
| 6. Ext Lights | ON | | |

| ENG FAIL AFTER TAKEOFF | | EMERGENCY ENG SHUTDOWN ON DECK | |
|-----------------------------------|--------------------|---|------------------|
| *1. Airspeed | 68 KIAS | *1. Fuel Selector | OFF |
| *2. Fuel Selector | OFF | *2. Mixture | IDLE CUTOFF |
| *3. Mixture | IDLE CUTOFF | *3. Mags | OFF |
| *4. Flaps | AS REQ | *4. Master | OFF |
| *5. Mags | OFF | 5. Aircraft | EVACUATE |
| *6. Master | OFF | ABORT TAKEOFF | |
| *7. Doors | UNLATCHED | *1. Throttle | IDLE |
| ENG FAIL IN FLIGHT | | *2. Brakes | AS REQ |
| *1. Airspeed | 68 KIAS | <i>Due to FIRE/ENG FAIL</i> | |
| *2. Fuel Selector | BOTH | *3. Fuel Selector | OFF |
| *3. Mixture | FULL RICH | *4. Mixture | IDLE CUTOFF |
| *4. Throttle | FULL | *5. Mags | OFF |
| *5. Carb Heat | ON | *6. Master | OFF |
| *6. Mags | BOTH | ENG FIRE DURING START | |
| *7. Master | ON | *1. Cranking | CONTINUE |
| 8. Primer | IN LOCKED | Continue until eng starts or until Mags selected off. | |
| <i>IF NO RESTART</i> | | <i>IF ENGINE STARTS</i> | |
| 9. Fuel Selector | OFF | *2. Throttle | 1700 RPM (5 sec) |
| 10. Mixture | IDLE CUTOFF | *3. Fuel Selector | OFF |
| 11. Throttle | IDLE | *4. Mixture | IDLE CUTOFF |
| 12. Mags | OFF | *5. Mags | OFF |
| 13. Primer | IN LOCKED | *6. Master | OFF |
| 14. Declare | 7700 MAYDAY | <i>IF ENGINE FAILS TO START</i> | |
| 15. Seatbelts | SECURED | *2. Throttle | FULL OPEN |
| 16. Flaps | AS REQ | *3. Fuel Selector | OFF |
| 17. Master | OFF | *4. Mixture | IDLE CUTOFF |
| 18. Doors | UNLATCHED | *5. Mags | OFF |
| ENG FIRE IN FLIGHT | | *6. Master | OFF |
| *1. Fuel Selector | OFF | 7. Aircraft | EVACUATE |
| *2. Mixture | IDLE CUTOFF | ABNORMAL OIL TEMP/PRESS | |
| *3. Master | OFF | 1. Temp / Press | MONITOR |
| 4. Cabin Heat / Air | OFF | 2. Power | USE MINIMUM |
| 5. Airspeed | INCREASE | 3. Forced Landing | EXECUTE |
| 6. Forced Landing | EXECUTE | ICING | |
| ELEC FIRE IN FLIGHT | | 1. Pitot Heat | ON |
| *1. Master | OFF | 2. Carb Heat | ON |
| *2. Avionics Pwr Switch | OFF | 3. Cabin Heat/Defrost | MAX |
| *3. All Electrical Equipment | OFF | 4. Icing Conditions | EXIT |
| *4. Vents / Cabin Air | CLOSED | 5. No Flap Landing | EXECUTE |
| <i>IF FIRE APPEARS OUT</i> | | | |
| 5. Master | ON | | |
| 6. CBs | CHECKED | | |
| 7. Avionics Pwr Switch | ON | | |
| 8. Safety of Flt Equipment | ON (one at a time) | | |