

Ground Checklists and Information

| Securing | |
|-------------------|----------|
| Control lock | INSTALL |
| Tie-downs, chocks | APPLY |
| Vents, windows | CLOSE |
| Pitot cover | APPLY |
| Tach, Hobbs times | RECORD |
| FlightCircle | CHECK IN |
| Doors | LOCK |

N73146

Operating Checklists

| Start | |
|--|---------------|
| Before Start | |
| Preflight inspection | COMPLETE |
| Passenger briefing | COMPLETE |
| Brakes | TEST and SET |
| Seats, belts, harnesses | SECURE |
| Fuel valve | BOTH |
| Radios, electrical equipment | OFF |
| Circuit breakers | CHECK IN |
| Beacon switch | ON |
| Engine Start | |
| Mixture | RICH |
| Carburetor heat | COLD |
| Prime | AS REQUIRED |
| Throttle | OPEN 1/8 INCH |
| Master | ON |
| Propeller area | CLEAR |
| Ignition switch | START |
| Release when engine starts | |
| Oil pressure | CHECK |
| If no pressure in 30 seconds, shutdown | |
| Mixture | GROUND LEAN |
| Before Taxi | |
| Headset | ON |
| Flaps | RETRACT |
| Weather | OBTAIN |
| Altimeter | SET |
| EFB Setup | AS DESIRED |
| Navigation, landing lights | ON |

| Run-up | |
|------------------------------------|------------------|
| Instruments | CHECK and SET |
| VOR Check | IF NEEDED |
| Brakes | SET |
| Doors and windows | CLOSED, LOCKED |
| Flight controls | FREE and CORRECT |
| Fuel valve | BOTH |
| Mixture | RICH |
| Below 3000 feet | |
| Throttle | 1700 RPM |
| Magnetos | CHECK |
| Max drop 125 RPM, max diff. 50 RPM | |
| Engine gauges, ammeter | CHECK |
| Vacuum gauge | CHECK |
| Carburetor heat | TEST |
| Idle | TEST |
| Mixture | GROUND LEAN |
| Throttle friction | ADJUST |

N73146

| Before Takeoff | |
|------------------------------------|-------------|
| Radios | SET |
| Instruments | SET |
| Takeoff briefing | COMPLETE |
| Beacon, navigation, landing lights | ON |
| Carburetor heat | AS REQUIRED |
| Flaps | UP |
| Trim | TAKEOFF |
| Fuel valve | BOTH |
| Fuel quantity | CHECK |
| Mixture | RICH |
| Below 3000 feet | |

Emergency Checklists

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