



N4347R FLIGHT CHECKLIST

| V-SPEEDS | RUNUP | CRUISE |
|----------------------------------|--|---------------------------------------|
| BEST GLIDE.....75 MPH | BRAKES.....SET | POWER.....55-75% |
| Vso.....41 MPH | FLIGHT INSTRUMENTS.....CHECK/SET | CARBURETOR HEAT.....COLD |
| Vs1.....47 MPH | FUEL SELECTOR.....BOTH | MIXTURE.....AS REQUIRED |
| Vr.....60 MPH | FLIGHT CONTROLS.....FREE & CORRECT | ELEVATOR TRIM.....SET |
| Vx.....74 MPH | MIXTURE.....RICH (BLO 3000 FT) | DESCENT |
| Vy.....80 MPH | THROTTLE.....1700 RPM | MIXTURE.....RICH |
| Va.....112 MPH | ALTERNATE STATIC.....NORMAL | WEATHER.....OBTAIN |
| Vfe.....100 MPH | CIRCUIT BREAKERS.....IN | LANDING LIGHT.....ON |
| Vno.....145 MPH | VACUUM.....4.6 TO 5.4 IN Hg | BEFORE LANDING |
| Vne.....182 MPH | ENGINE INSTRUMENTS.....GREEN | APPROACH.....BRIEFED |
| Enroute Climb.....80 MPH | AMMETER.....CHECK | SEATS/BELTS.....SECURE |
| Approach Speed.....70 MPH | MAG TEST.....150 RPM MAX DROP; 50RPM DIFFERENTIAL | FUEL SELECTOR.....BOTH |
| BEFORE START | CARBURETOR HEAT.....CHECK & OFF | MIXTURE.....RICH (BLO 3000 FT) |
| PREFLIGHT.....COMPLETE | THROTTLE.....IDLE, THEN 800 - 1000 | CARBURETOR HEAT.....AS REQUIRED |
| TIEDOWNS/CHOCKS.....OUT | FRICTION LOCK.....ADJUST | FINAL APP SPEED.....65-75 MPH |
| SEAT/BELTS.....SECURE | TAKEOFF | BALKED LANDING |
| FUEL SELECTOR.....BOTH | AVIONICS.....SET | THROTTLE.....FULL |
| AVIONICS MASTER.....OFF | TRANSPONDER.....SET/ALT | CARBURETOR HEAT.....COLD |
| ELECTRICAL EQUIP.....OFF | TAKEOFF.....BRIEFED | RATE OF CLIMB.....POSITIVE |
| CIRCUIT BREAKERS.....IN | EMERGENCY PROC.....BRIEFED | FLAPS.....RETRACT TO 20° |
| BRAKES.....SET | ELEVATOR TRIM.....TAKEOFF | AIRSPEED.....74 MPH |
| PASSENGERS.....BRIEF | FLAPS.....UP/10° | <i>After obstacles are cleared...</i> |
| START | DOORS/WINDOWS.....LATCHED | AIRSPEED.....80 MPH |
| BAT/ALT MASTERS.....ON | LIGHTS.....AS REQUIRED | FLAPS.....UP AT SAFE ALT |
| BEACON.....ON | PITOT HEAT.....AS REQUIRED | AFTER LANDING |
| MIXTURE.....RICH | MIXTURE.....RICH(BLO3000 FT) | RADIO CALL.....CLEAR OF RUNWAY |
| PRIME.....0 TO 3 STROKES | THROTTLE.....FULL | PITOT HEAT.....OFF |
| THROTTLE.....1/8 INCH | ROTATE.....60 MPH | CARBURETOR HEAT.....COLD |
| PROP AREA.....CLEAR | FLAPS.....RETRACT SLOWLY | THROTTLE.....800 TO 1000 RPM |
| MAGNETOS.....START | CLIMB | FLAPS.....UP |
| THROTTLE.....800 - 1000 RPM | Vx.....74 MPH | LIGHTS.....AS REQUIRED |
| OIL PRESSURE.....CHECK | Vy.....80 MPH | MIXTURE.....LEAN MAX RPM |
| AVIONICS MASTER.....ON | THROTTLE.....FULL | TRIM.....SET FOR TAKEOFF |
| LIGHTS.....AS REQUIRED | CARBURETOR HEAT.....COLD | SHUTDOWN |
| FLAPS.....UP | MIXTURE.....LEAN(ABV 3000) | AVIONICS MASTER.....OFF |
| WEATHER.....OBTAIN | FUEL SELECTOR.....BOTH | ELECT EQUIP.....OFF |
| BRAKES.....RELEASE | LIGHTS.....AS REQUIRED | BEACON.....ON |
| FLIGHT INSTRUMENTS.....CHECK/SET | KVPZ FREQUENCIES | MIXTURE.....OFF |
| BRAKES.....CHECK | ASOS.....125.87.....219-531-1770 | MAGNETOS & KEYS.....OFF/OUT |
| | CTAF/UNICOM.....122.725 | BAT/ALT MASTERS.....OFF |
| | SOUTH BEND CLNC.....120.525 | TIEDOWNS/CHOCKS.....INSTALL |
| | SOUTH BEND APP.....132.050 | |
| | KNOX VOR (OXI).....115.6 | |
| | TERMINAL.....219-462-6508 | |