

N5314K FLIGHT CHECKLIST

V-SPEEDS	RUNUP	CRUISE
BEST GLIDE.....65 KNOTS	BRAKES.....SET	POWER.....55-75%
Vso.....35 KNOTS	FLIGHT INSTRUMENTS.....CHECK/SET	CARBURETOR HEAT.....COLD
Vs1.....40 KNOTS	FUEL SELECTOR.....BOTH	MIXTURE.....AS REQUIRED
Vs.....55 KNOTS	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
Vx.....60 KNOTS	MIXTURE.....RICH (BLO 3000 FT)	DESCENT
Vy.....76 KNOTS	THROTTLE.....1700 RPM	MIXTURE.....RICH
Va.....99 KNOTS	ALTERNATE STATIC.....NORMAL	WEATHER.....OBTAIN
Vfe.....85 KNOTS	CIRCUIT BREAKERS.....IN	LANDING LIGHT.....ON
Vno.....127 KNOTS	VACUUM.....4.6 TO 5.4 IN Hg	BEFORE LANDING
Vne.....158 KNOTS	ENGINE INSTRUMENTS.....GREEN	APPROACH.....BRIEFED
Enroute Climb.....75-85 KNOTS	AMMETER.....CHECK	SEATS/BELTS.....SECURE
Approach Speed.....60 KNOTS	MAG TEST.....150 RPM MAX DROP; 50RPM DIFFERENTIAL	FUEL SELECTOR.....BOTH
BEFORE START		MIXTURE.....RICH (BLO 3000 FT)
PREFLIGHT.....COMPLETE	CARBURETOR HEAT.....CHECK & OFF	CARBURETOR HEAT.....ON
TIEDOWNS/CHOCKS.....OUT	THROTTLE.....IDLE, THEN 800 - 1000	APP SPEED.....65-75 KTS (FLAPS UP)
SEAT/BELTS.....SECURE	FRICTION LOCK.....ADJUST	APP SPEED.....60-70 KTS (FLAPS DWN)
FUEL SELECTOR.....BOTH	TAKEOFF	BALKED LANDING
AVIONICS MASTER.....OFF	AVIONICS.....SET	THROTTLE.....FULL
ELECTRICAL EQUIP.....OFF	TRANSPONDER.....SET/ALT	CARBURETOR HEAT.....COLD
CIRCUIT BREAKERS.....IN	TAKEOFF.....BRIEFED	RATE OF CLIMB.....POSITIVE
PASSENGERS.....BRIEF (SAFETY)	EMERGENCY PROC.....BRIEFED	FLAPS.....RETRACT TO 20°
START	ELEVATOR TRIM.....TAKEOFF	AIRSPEED.....55 KNOTS
BAT/ALT MASTERS.....ON	FLAPS.....UP/10°	<i>After obstacles are cleared...</i>
BEACON.....ON	DOORS/WINDOWS.....LATCHED	AIRSPEED.....73 KNOTS
NAV LIGHTS.....ON (FOR ADS-B)	LIGHTS.....AS REQUIRED	FLAPS.....UP AT SAFE ALT
MIXTURE.....RICH	PITOT HEAT.....AS REQUIRED	AFTER LANDING
PRIME.....AS REQUIRED	MIXTURE.....RICH(BLO3000 FT)	RADIO CALL.....CLEAR OF RUNWAY
THROTTLE.....1/8 INCH	THROTTLE.....FULL	PITOT HEAT.....OFF
PROP AREA.....CLEAR	ROTATE.....55 KNOTS	CARBURETOR HEAT.....COLD
MAGNETOS.....START	FLAPS.....RETRACT SLOWLY	THROTTLE.....800 TO 1000 RPM
THROTTLE.....800 - 1000 RPM	CLIMB	FLAPS.....UP
OIL PRESSURE.....CHECK	Vx.....60 KNOTS	LIGHTS.....AS REQUIRED
AVIONICS MASTER.....ON	Vy.....76 KNOTS	MIXTURE.....LEAN MAX RPM
LIGHTS.....AS REQUIRED	THROTTLE.....FULL	TRIM.....SET FOR TAKEOFF
FLAPS.....UP	CARBURETOR HEAT.....COLD	SHUTDOWN
WEATHER.....OBTAIN	MIXTURE.....LEAN(ABV 3000)	AVIONICS MASTER.....OFF
FLIGHT INSTRUMENTS.....CHECK/SET	FUEL SELECTOR.....BOTH	ELECT EQUIP.....OFF
BRAKES.....CHECK	LIGHTS.....AS REQUIRED	BEACON.....ON
	KVPZ FREQUENCIES	MIXTURE.....OFF
	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	