

N5314K FLIGHT CHECKLIST

PREFLIGHT	RUNUP	CRUISE
DOCUMENTS.....ARROW	BRAKES.....SET	POWER.....55-75%
TACH/HOBBS.....NOTE	FLIGHT INSTRUMENTS.....CHECK/SET	CARBURETOR HEAT.....COLD
CONTROL LOCK.....OUT	FUEL SELECTOR.....BOTH	MIXTURE.....AS REQUIRED
EMERGENCY EQUIPT.....CHECK	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
MAGNETOS.....OFF	MIXTURE.....RICH (BLO 3000 FT)	DESCENT
ALTERNATE STATIC.....CLOSED	THROTTLE.....1700 RPM	MIXTURE.....RICH
CIRCUIT BREAKERS.....IN	ALTERNATE STATIC.....NORMAL	WEATHER.....OBTAIN
ELECTRICAL EQUIP.....OFF	CIRCUIT BREAKERS.....IN	LANDING LIGHT.....ON
BAT/ALT MASTERS.....ON	VACUUM.....4.6 TO 5.4 IN Hg	BEFORE LANDING
FUEL QUANTITY.....CHECK	ENGINE INSTRUMENTS.....GREEN	APPROACH.....BRIEFED
FLAPS.....DOWN	AMMETER.....CHECK	SEATS/BELTS.....SECURE
LIGHTS/PITOT.....CHECK	MAG TEST.....150 RPM MAX DROP; 50RPM DIFFERENTIAL	FUEL SELECTOR.....BOTH
BAT/ALT MASTERS.....OFF	CARBURETOR HEAT.....CHECK & OFF	MIXTURE.....RICH (BLO 3000 FT)
EXTERIOR INSPECTION.....COMPLETE	THROTTLE.....IDLE, THEN 800 - 1000	CARBURETOR HEAT.....ON
FUEL.....20 GAL MIN	FRICITION LOCK.....ADJUST	APP SPEED.....65-75 KTS (FLAPS UP)
OIL.....5 QTS MIN	BRAKES.....RELEASE	APP SPEED.....60-70 KTS (FLAPS DWN)
TIRES (NOSE/MAINS).....CHECK	TAKEOFF	BALKED LANDING
NOSE STRUT.....CHECK	AVIONICS.....SET	THROTTLE.....FULL
BEFORE START	TRANSPONDER.....SET/ALT	CARBURETOR HEAT.....COLD
PREFLIGHT.....COMPLETE	TAKEOFF.....BRIEFED	RATE OF CLIMB.....POSITIVE
TIEDOWNS/CHOCKS.....OUT	EMERGENCY PROC.....BRIEFED	FLAPS.....RETRACT TO 20°
SEAT/BELTS.....SECURE	ELEVATOR TRIM.....TAKEOFF	AIRSPEED.....55 KNOTS
FUEL SELECTOR.....BOTH	FLAPS.....UP/10°	<i>After obstacles are cleared...</i>
AVIONICS MASTER.....OFF	DOORS/WINDOWS.....LATCHED	AIRSPEED.....73 KNOTS
ELECTRICAL EQUIP.....OFF	LIGHTS.....AS REQUIRED	FLAPS.....UP AT SAFE ALT
CIRCUIT BREAKERS.....IN	PITOT HEAT.....AS REQUIRED	AFTER LANDING
PASSENGERS.....BRIEF (SAFETY)	MIXTURE.....RICH(BLO3000 FT)	RADIO CALL.....CLEAR OF RUNWAY
START	THROTTLE.....FULL	PITOT HEAT.....OFF
BAT/ALT MASTERS.....ON	ROTATE.....55 KNOTS	CARBURETOR HEAT.....COLD
BEACON.....ON	FLAPS.....RETRACT SLOWLY	THROTTLE.....800 TO 1000 RPM
MIXTURE.....RICH	CLIMB	FLAPS.....UP
PRIME.....AS REQUIRED	Vx.....60 KNOTS	LIGHTS.....AS REQUIRED
THROTTLE.....1/8 INCH	Vy.....76 KNOTS	MIXTURE.....LEAN MAX RPM
PROP AREA.....CLEAR	THROTTLE.....FULL	TRIM.....SET FOR TAKEOFF
MAGNETOS.....START	CARBURETOR HEAT.....COLD	SHUTDOWN
THROTTLE.....800 - 1000 RPM	MIXTURE.....LEAN(ABV 3000)	AVIONICS MASTER.....OFF
OIL PRESSURE.....CHECK	FUEL SELECTOR.....BOTH	ELECT EQUIP.....OFF
AVIONICS MASTER.....ON	LIGHTS.....AS REQUIRED	BEACON.....ON
LIGHTS.....AS REQUIRED	KVPZ FREQUENCIES	MIXTURE.....OFF
FLAPS.....UP	ASOS.....125.87.....219-531-1770	MAGNETOS & KEYS.....OFF/OUT
WEATHER.....OBTAIN	CTAF/UNICOM.....122.725	BAT/ALT MASTERS.....OFF
FLIGHT INSTRUMENTS.....CHECK/SET	SOUTH BEND CLNC.....120.525	TIEDOWNS/CHOCKS.....INSTALL
BRAKES.....CHECK	SOUTH BEND APP.....132.050	
	KNOX VOR (OXI).....115.6	
	TERMINAL.....219-462-6508	