

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
MIXTURE.....LEAN	THROTTLE.....1700 RPM	MIXTURE.....RICH
FUSES/CIRCUIT BREAKERS.....CHECK	ALTERNATE STATIC.....NORMAL	WEATHER.....OBTAIN
EXTERIOR INSPECTION.....CHECKLIST	FUSES/CIRCUIT BREAKERS.....CHECK	LANDING LIGHT.....ON
	VACUUM.....4.6 TO 5.4 IN Hg	BEFORE LANDING
BEFORE START	ENGINE INSTRUMENTS.....GREEN	APPROACH.....BRIEFED
PREFLIGHT.....COMPLETE	AMMETER.....CHECK	SEATS/BELTS.....SECURE
TIEDOWNS/CHOCKS.....OUT	MAG TEST.....150 RPM MAX DROP;50 RPM DIFFERENTIAL	FUEL SELECTOR.....BOTH
SEAT/BELTS.....SECURE	CARBURETOR HEAT.....CHECK & OFF	MIXTURE.....RICH (BLO 3000 FT)
FUEL SELECTOR.....BOTH	THROTTLE.....IDLE, THEN 800 - 1000 RPM	CARBURETOR HEAT.....ON
AVIONICS MASTER.....OFF	FRICTION LOCK.....ADJUST	APP SPEED.....60-70 KNOTS
ELECTRICAL EQUIP.....OFF	BRAKES.....RELEASE	BALKED LANDING
CIRCUIT BREAKERS.....IN	BEFORE TAKEOFF	THROTTLE.....FULL
PASSENGERS.....BRIEF (SAFETY)	AVIONICS.....SET	CARBURETOR HEAT.....COLD
	TRANSPONDER.....SET/ALT	RATE OF CLIMB.....POSITIVE
START	TAKEOFF.....BRIEFED	FLAPS.....RETRACT TO 20°
BAT/ALT MASTERS.....ON	EMERGENCY PROC.....BRIEFED	AIRSPEED.....55 KNOTS
BEACON.....ON	ELEVATOR TRIM.....TAKEOFF	<i>After obstacles are cleared...</i>
MIXTURE.....RICH	FLAPS.....UP/10°	AIRSPEED.....73 KNOTS
PRIME.....AS REQUIRED	DOORS/WINDOWS.....LATCHED	FLAPS.....UP AT SAFE ALT
THROTTLE.....1/8 INCH	LIGHTS.....AS REQUIRED	AFTER LANDING
PROP AREA.....CLEAR	PITOT HEAT.....AS REQUIRED	RADIO CALL.....CLEAR OF RUNWAY
MAGNETOS.....START	MIXTURE.....RICH (BLO3000 FT)	PITOT HEAT.....OFF
THROTTLE.....800 - 1000 RPM	TAKEOFF	CARBURETOR HEAT.....COLD
OIL PRESSURE.....CHECK	THROTTLE.....FULL	THROTTLE.....800 TO 1000 RPM
AVIONICS MASTER.....ON	ROTATE.....55 KNOTS	FLAPS.....UP
LIGHTS.....AS REQUIRED	FLAPS.....RETRACT SLOWLY	LIGHTS.....AS REQUIRED
FLAPS.....UP	CLIMB	MIXTURE.....LEAN MAX RPM
WEATHER.....OBTAIN	Vx.....60 KNOTS	TRIM.....SET FOR TAKEOFF
FLIGHT INSTRUMENTS.....CHECK/SET	Vy.....76 KNOTS	SHUTDOWN
BRAKES.....CHECK	THROTTLE.....FULL	AVIONICS MASTER.....OFF
	CARBURETOR HEAT.....COLD	ELECT EQUIP.....OFF
	MIXTURE.....LEAN (ABV 3000)	BEACON.....ON
	FUEL SELECTOR.....BOTH	MIXTURE.....OFF
	LIGHTS.....AS REQUIRED	MAGNETOS & KEYS.....OFF/OUT
		BAT/ALT MASTERS.....OFF
		TIEDOWNS/CHOCKS.....INSTALL