

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;	FUEL SELECTOR.....	BOTH
BEFORE START		50RPM DIFFERENTIAL		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	FRICITION 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	TRANSPOUNDER.....	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°	After obstacles are cleared...	
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			