

# N5204N FLIGHT CHECKLIST

V-SPEEDS		PRE-TAXI		ENROUTE CLIMB	
BEST GLIDE.....	68 KNOTS	GPS.....	INITIALIZED	AIRSPEED.....	75-85 KIAS
Vso.....	40 KNOTS	RADIOS.....	SET	MIXTURE.....	AS REQUIRED
Vs1.....	48 KNOTS	WEATHER.....	OBTAİN	LIGHTS.....	AS REQUIRED
Vr.....	55 KNOTS	WIND.....	SET W/ HDG BUG	<b>CRUISE</b>	
Vx.....	62 KNOTS	HDG INDICATOR.....	SET	POWER.....	23-2400 RPM
Vy.....	74 KNOTS	ALTIMETER.....	SET	TRIM.....	AS REQUIRED
Va.....	90-105 KNOTS	AUTOPILOT BARO.....	SET	MIXTURE.....	LEAN ABOVE 3000"
Vfe.....0 - 10°	110 KNOTS	AIRSPEED.....	ZERO	<b>DESCENT</b>	
Vfe.....10 - 30°	85 KNOTS	ATTITUDE IND.....	ERECT	MIXTURE.....	RICH
Vno.....	129 KNOTS	VSI.....	ZERO	WEATHER.....	OBTAİN
Vne.....	163 KNOTS	MIXTURE.....	LEAN AS REQ'D	LANDING LIGHT.....	ON
Enroute Climb.....	75-85 KNOTS	TRANSPOUNDER.....	ALT	<b>BEFORE LANDING</b>	
Approach Speed.....	65 KNOTS	LIGHTS.....	AS REQUIRED	APP BRIEF.....	COMPLETE
BEFORE STARTING ENGINE		WHILE TAXIING		FUEL SELECTOR.....BOTH	
PREFLIGHT.....	COMPLETE	BRAKES.....	CHECK	MIXTURE.....	RICH
CHOCKS.....	REMOVED	HDG IND.....	CHECK	SEATBELTS.....	FASTENED
AVIONICS MASTER.....	OFF	TURN COORD.....	CHECK	FINAL APP SPEED.....	65 KIAS
PASSENGERS.....BRIEF (SAFETY)		<b>RUNUP</b>		<b>AFTER LANDING</b>	
SEATS.....	ADJUSTED/LOCKED	*POINT AIRPLANE INTO WIND*		RADIO CALL.....	CLEAR OF RUNWAY
SEAT BLTS.....	FASTEN/CHK LOCK	BRAKES.....	SET/HOLD	FLAPS.....	UP
ALL ELECTRICAL.....	OFF	CONTROLS.....	FREE/CORRECT	STROBES.....	OFF
FUEL SELECTOR.....	BOTH	MIXTURE.....	RICH	LANDING LIGHT.....	OFF
FUEL SHUTOFF.....	PUSH IN	THROTTLE.....	1800 RPM	TAXI LIGHT.....	ON
ENGINE START		ENGINE INST.....CHECK		PITOT HEAT.....OFF	
MIXTURE.....	LEAN	VACUUM.....	CHECK	TRIM SET.....	SET
THROTTLE.....	OPEN 1/4 INCH	ALTERNATOR.....	TEST	MIXTURE.....	LEAN MAX RPM
MASTER.....	ON	MAG CHECK.....	MAX DROP 125 RPM;	<b>SHUTDOWN</b>	
BEACON.....	ON	MAX DIFFERENCE 50 RPM		AVIONICS MASTER.....	OFF
<b>ENGINE PRIME PROCEDURE</b>		THROTTLE.....IDLE then 800-1000 RPM		ALL ELEC. SWITCHES.....	OFF
FUEL PUMP.....	ON	<b>BEFORE TAKEOFF</b>		BEACON.....	ON
MIXTURE RICH till fuel flow then LEAN		RADIOS.....	SET	THROTTLE.....	IDLE
FUEL PUMP.....	OFF	HDG IND.....	CHECK	MIXTURE.....	FULL LEAN/CUTOFF
PROP AREA.....	CLEAR	MIXTURE.....	FULL RICH	MAGNETOS.....	OFF
BRAKES.....	HOLD	SEAT BELTS.....	FASTENED	BATT MASTER.....	OFF
STARTER.....	ENGAGE	ANUNNCIATOR LIGHTS.....	TEST	TACH/HOBBS.....	RECORD
<i>Once Engine Starts:</i>		FLAPS.....	SET	WHEEL.....	CHOCKED
MIXTURE.....	FULL RICH	TRIM.....	SET FOR TAKEOFF	<b>KVPZ FREQUENCIES</b>	
THROTTLE.....	800-1000	DEP & EMERGENCY BRIEF.....	COMPLETE	ASOS.....	125.87.....219-531-1770
OIL PRESSURE.....	IN GREEN	DOOR/WINDOWS.....	LATCHED	CTAF/UNICOM.....	122.725
AVIONICS MASTER.....	ON	LIGHTS.....	LANDING & STROBE	FSS TERRE HAUTE.....	123.65....122.20
FLAPS.....	UP	TRANSPOUNDER.....	ALT & SQUAWK	SOUTH BEND CLNC.....	120.525
<b>TAKEOFF</b>		SOUTH BEND APP.....132.050		KNOX VOR (OXI).....115.6	
		THROTTLE.....	FULL OPEN	TERMINAL.....	219-462-6508
		ENGINE INST.....	CHECK		
		ROTATE.....	.55 KIAS		
		Vx.....	62 KIAS		
		Vy.....	.74 KIAS		