

N1NS FLIGHT CHECKLIST

V-SPEEDS	RUNUP	CRUISE
BEST GLIDE.....70 MPH	BRAKES.....SET	POWER.....55-75%
Vso.....48 MPH	FLIGHT INSTRUMENTS.....CHECK/SET	CARBURETOR HEAT.....COLD
Vs1.....54 MPH	FUEL SELECTOR.....ON	MIXTURE.....AS REQUIRED
Vr.....58 MPH	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
Vx.....64 MPH	MIXTURE.....RICH (BLO 3000 FT)	DESCENT
Vy.....78 MPH	THROTTLE.....1700 RPM	MIXTURE.....RICH
Va.....100 MPH	FUSES/CIRCUIT BREAKERS.....CHECK	WEATHER.....OBTAIN
Vfe.....100 MPH	VACUUM.....4.6 TO 5.4 IN Hg	LANDING LIGHT.....ON
Vno.....123 MPH	ENGINE INSTRUMENTS.....GREEN	BEFORE LANDING
Vne.....162 MPH	AMMETER.....CHECK	APPROACH.....BRIEFED
Enroute Climb.....75-86 MPH	MAG TEST.....150 RPM MAX DROP; 50 RPM DIFFERENTIAL	SEATS/BELTS.....SECURE
Approach Speed.....65 MPH	CARBURETOR HEAT.....CHECK & OFF	FUEL SELECTOR.....BOTH
BEFORE START	THROTTLE.....IDLE, THEN 800 - 1000	MIXTURE.....RICH (BLO 3000 FT)
PREFLIGHT.....COMPLETE	FRICITION LOCK.....ADJUST	CARBURETOR HEAT.....AS REQUIRED
TIEDOWNS/CHOCKS.....OUT	BEFORE TAKEOFF	FINAL APP SPEED.....65-70 MPH
SEAT/BELTS.....SECURE	BEFORE TAKEOFF	BALKED LANDING
FUEL SELECTOR.....ON	AVIONICS.....SET	THROTTLE.....FULL
AVIONICS MASTER.....OFF	ELEVATOR TRIM.....TAKEOFF	CARBURETOR HEAT.....COLD
ELECTRICAL EQUIP.....OFF	FLAPS.....UP/10°	RATE OF CLIMB.....POSITIVE
FUSES/CIRCUIT BREAKERS.....CHECK	DOORS/WINDOWS.....LATCHED	FLAPS.....RETRACT TO 10°
PASSENGERS.....BRIEF (SAFETY)	LIGHTS.....AS REQUIRED	AIRSPEED.....64 MPH
START	TRANSPONDER MODE.....ALT	<i>After obstacles are cleared...</i>
BRAKES.....SET	PITOT HEAT.....AS REQUIRED	AIRSPEED.....78 MPH
BAT/ALT MASTER.....ON	MIXTURE.....RICH(BLO3000 FT)	FLAPS.....UP AT SAFE ALT
NAV LIGHTS.....ON (FOR ADS-B)	TAKEOFF.....BRIEFED	AFTER LANDING
BEACON (STROBE).....ON	EMERGENCY PROC.....BRIEFED	RADIO CALL.....CLEAR OF RUNWAY
MIXTURE.....RICH	TIME.....NOTE	PITOT HEAT.....OFF
PRIME.....0 TO 3 STROKES	THROTTLE.....FULL	CARBURETOR HEAT.....COLD
THROTTLE.....1/4 INCH	ROTATE.....58 MPH	THROTTLE.....800 TO 1000 RPM
PROP AREA.....CLEAR	FLAPS.....RETRACT SLOWLY	FLAPS.....UP
MAGNETOS.....START	CLIMB	LIGHTS.....AS REQUIRED
THROTTLE.....800 - 1000 RPM	Vx.....64 MPH	MIXTURE.....LEAN MAX RPM
OIL PRESSURE.....CHECK	Vy.....78 MPH	TRIM.....SET FOR TAKEOFF
AVIONICS MASTER.....ON	THROTTLE.....FULL	SHUTDOWN
LIGHTS.....AS REQUIRED	CARBURETOR HEAT.....COLD	AVIONICS.....OFF
FLAPS.....UP	MIXTURE.....LEAN(ABV 3000)	ELECT EQUIP.....OFF
WEATHER.....OBTAIN	FUEL SELECTOR.....BOTH	BEACON.....ON
FLIGHT INSTRUMENTS.....CHECK/SET	LIGHTS.....AS REQUIRED	MIXTURE.....FULL LEAN
BRAKES.....CHECK	KVPZ FREQUENCIES	MAGNETOS & KEYS.....OFF/OUT
	ASOS.....125.87.....219-531-1770	MASTER.....OFF
	CTAF/UNICOM.....122.725	TIEDOWNS/CHOCKS.....INSTALL
	FSS TERRE HAUTE.....123.65....122.20	
	SOUTH BEND APP.....132.050	
	TERMINAL.....219-462-6508	