

# N1NS 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.....ON	MIXTURE.....AS REQUIRED
EMERGENCY EQUIPT.....CHECK	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
MAGNETOS.....OFF	MIXTURE.....RICH (BLO 3000 FT)	<b>DESCENT</b>
FUSES/CIRCUIT BREAKERS.....CHECK	THROTTLE.....1700 RPM	MIXTURE.....RICH
ELECTRICAL EQUIP.....OFF	FUSES/CIRCUIT BREAKERS.....CHECK	WEATHER.....OBTAIN
MASTER.....ON	VACUUM.....4.6 TO 5.4 IN Hg	LANDING LIGHT.....ON
FUEL QUANTITY.....CHECK	ENGINE INSTRUMENTS.....GREEN	<b>BEFORE LANDING</b>
FLAPS.....DOWN	AMMETER.....CHECK	APPROACH.....BRIEFED
LIGHTS/PITOT HEAT.....CHECK	MAG TEST.....150 RPM MAX DROP; 50 RPM DIFFERENTIAL	SEATS/BELTS.....SECURE
MASTER.....OFF	CARBURETOR HEAT.....CHECK & OFF	FUEL SELECTOR.....BOTH
EXTERIOR INSPECTION.....COMPLETE	THROTTLE.....IDLE, THEN 800 - 1000	MIXTURE.....RICH (BLO 3000 FT)
FUEL.....12 GAL MIN	FRICTION LOCK.....ADJUST	CARBURETOR HEAT.....AS REQUIRED
OIL.....4 QTS MIN	<b>BEFORE TAKEOFF</b>	FINAL APP SPEED.....65-70 MPH
TIRES (NOSE/MAINS).....CHECK	<b>BALKED LANDING</b>	
NOSE STRUT.....CHECK	AVIONICS.....SET	THROTTLE.....FULL
<b>BEFORE START</b>	ELEVATOR TRIM.....TAKEOFF	CARBURETOR HEAT.....COLD
PREFLIGHT.....COMPLETE	FLAPS.....UP/10°	RATE OF CLIMB.....POSITIVE
TIEDOWNS/CHOCKS.....OUT	DOORS/WINDOWS.....LATCHED	FLAPS.....RETRACT TO 10°
SEAT/BELTS.....SECURE	LIGHTS.....AS REQUIRED	AIRSPEED.....64 MPH
FUEL SELECTOR.....ON	TRANSPONDER MODE.....ALT	<i>After obstacles are cleared...</i>
AVIONICS MASTER.....OFF	PITOT HEAT.....AS REQUIRED	AIRSPEED.....78 MPH
ELECTRICAL EQUIP.....OFF	MIXTURE.....RICH(BLO3000 FT)	FLAPS.....UP AT SAFE ALT
FUSES/CIRCUIT BREAKERS.....CHECK	TAKEOFF.....BRIEFED	<b>AFTER LANDING</b>
PASSENGERS.....BRIEF (SAFETY)	EMERGENCY PROC.....BRIEFED	RADIO CALL.....CLEAR OF RUNWAY
<b>START</b>	TIME.....NOTE	PITOT HEAT.....OFF
BRAKES.....SET	THROTTLE.....FULL	CARBURETOR HEAT.....COLD
BAT/ALT MASTER.....ON	ROTATE.....58 MPH	THROTTLE.....800 TO 1000 RPM
NAV LIGHTS (Night only).....ON	FLAPS.....RETRACT SLOWLY	FLAPS.....UP
BEACON (STROBE).....ON	<b>CLIMB</b>	LIGHTS.....AS REQUIRED
MIXTURE.....RICH	Vx.....64 MPH	MIXTURE.....LEAN MAX RPM
PRIME.....0 TO 3 STROKES	Vy.....78 MPH	TRIM.....SET FOR TAKEOFF
THROTTLE.....1/4 INCH	THROTTLE.....FULL	<b>SHUTDOWN</b>
PROP AREA.....CLEAR	CARBURETOR HEAT.....COLD	AVIONICS.....OFF
MAGNETOS.....START	MIXTURE.....LEAN(ABV 3000)	ELECT EQUIP.....OFF
THROTTLE.....800 - 1000 RPM	FUEL SELECTOR.....BOTH	BEACON.....ON
OIL PRESSURE.....CHECK	LIGHTS.....AS REQUIRED	MIXTURE.....FULL LEAN
AVIONICS MASTER.....ON		MAGNETOS & KEYS.....OFF/OUT
LIGHTS.....AS REQUIRED		MASTER.....OFF
FLAPS.....UP		TIEDOWNS/CHOCKS.....INSTALL
WEATHER.....OBTAIN		
FLIGHT INSTRUMENTS.....CHECK/SET		
BRAKES.....CHECK		