

C172S G1000 FLIGHT CHECKLIST

PREFLIGHT	PRE-TAXI	ENROUTE CLIMB
CERT/ DOC.....ARROW	RADIOS.....SET	AIRSPEED.....75-85 KIAS
TACH/HOBBS.....RECORD	WEATHER.....OBTAIN	MIXTURE.....AS REQUIRED
EMERGENCY EQUIPT.....CHECK	WIND.....SET W/ HDG BUG	LIGHTS.....AS REQUIRED
CONTROL LOCK.....REMOVE	ALTIMETERS, PFD, STBY, AP.....SET	CRUISE
MAGNETOS.....OFF	G1000 ALT SELECT.....SET	POWER.....23-2400 RPM
MIXTURE.....LEAN	STBY INSTRUMENTS.....CHECK	TRIM.....AS REQUIRED
FUSES/CIRCUIT BREAKERS.....CHECK	FUEL QTY.....VERIFY CORRECT	MIXTURE.....LEAN ABOVE 3000'
MASTER SWITCH.....ON	AIRSPEED.....ZERO	
AVIONICS FAN.....CHECK	VSI.....ZERO	DESCENT
MASTER SWITCH.....OFF	GPS FLIGHT PLAN.....SET	MIXTURE.....RICH
EXTERIOR INSPECTION.....CHECKLIST	LIGHTS.....AS REQUIRED	WEATHER.....OBTAIN
BEFORE START	MIXTURE.....LEAN	LANDING LIGHT.....ON
PREFLIGHT.....COMPLETE		
CHOCKS.....REMOVED	WHILE TAXIING	
AVIONICS MASTER.....OFF	BRAKES.....CHECK	BEFORE LANDING
PASSENGERS.....BRIEF (SAFETY)	TURN COORD.....CHECK	APPROACH.....BRIEF
SEATS.....ADJUSTED/LOCKED		FUEL SELECTOR.....BOTH
SEAT BLTS.....FASTEN/CHK LOCK	RUNUP	MIXTURE.....RICH
ALL ELECTRICAL.....OFF	*POINT AIRPLANE INTO WIND*	SEATBELTS.....FASTENED
FUEL SELECTOR.....BOTH	BRAKES.....SET/HOLD	FINAL APP SPEED.....65 KIAS
FUEL SHUTOFF.....PUSH IN	CONTROLS.....FREE/CORRECT	
START	MIXTURE.....RICH	AFTER LANDING
MIXTURE.....LEAN	THROTTLE.....1800 RPM	FLAPS.....UP
THROTTLE.....OPEN 1/4 INCH	ENGINE INSTRUMENTS.....NO RED X'S	STROBES.....OFF
STBY BATT.....TEST 10 SECS, ARM	VACUUM.....CHECK	LANDING LIGHT.....OFF
ENGINE INDICATION.....NO RED X'S	ALTERNATOR.....TEST	PITOT HEAT.....OFF
BUS E VOLTS.....24 V MINIMUM	MAG CHECK.....MAX DROP 125 RPM;MAX DIFFERENCE 50 RPM	TRIM.....SET
M BUS VOLTS.....1.5 V OR LESS	THROTTL.....IDLE, then 800-1000 RPM	TAXI LIGHT.....ON
BATT S AMPS.....NEGATIVE SHOWN		MIXTURE.....LEAN MAX RPM
STBY BATT ANNUCTR.....SHOWN	BEFORE TAKEOFF	
MASTER SWITCH.....ON	RADIOS.....SET	SHUTDOWN
BEACON LIGHT.....ON	HDG INDICATOR.....CHECK	AVIONICS MASTER.....OFF
ENGINE PRIME PROCEDURE	MIXTURE.....FULL RICH	ELECTRICAL EQUIPT.....OFF
FUEL PUMP.....ON	SEAT BELTS.....FASTENED	BEACON.....ON
MIXTURE RICH til fuel flow then LEAN	ANUNNCIATORS.....CLEAR	THROTTLE.....IDLE
FUEL PUMP.....OFF	DEP & EMERGENCY.....BRIEF	MIXTURE.....FULL LEAN
PROP AREA.....CLEAR	DOOR/WINDOWS.....LATCHED	MAGNETOS.....OFF/OUT
BRAKES.....HOLD	FLAPS.....SET	BATT MASTER.....OFF