

C172S G1000 FLIGHT CHECKLIST

PREFLIGHT	AVIONICS MASTER.....ON	ENROUTE CLIMB
CERT/ DOC.....ON BOARD	FLAPS.....UP	AIRSPEED.....75-85 KIAS
TACH/HOBBS.....RECORD	AMPS.....CHECK POSITIVE	MIXTURE.....AS REQUIRED
FIRE EXT.....PIN/GREEN	LOW VOLTS ANUCTR.....NOT SHOWN	LIGHTS.....AS REQUIRED
CONTROL LOCK.....REMOVE	PRE-TAXI	CRUISE
MAGS.....OFF	RADIOS.....SET	POWER.....23-2400 RPM
MIXTURE.....LEAN	WEATHER.....OBTAIN	TRIM.....AS REQUIRED
CIRCUIT BRKRS.....IN	WIND.....SET W/ HDG BUG	MIXTURE.....LEAN ABOVE 3000'
MASTER SWITCH.....ON	ALTIMETERS, PFD, STBY, AP.....SET	DESCENT
AVIONICS FAN.....CHECK	G1000 ALT SELECT.....SET	MIXTURE.....RICH
FLAPS.....DOWN	STBY INSTRUMENTS.....CHECK	WEATHER.....OBTAIN
FUEL QUANTITY.....20 GAL MIN	FUEL QTY.....VERIFY LEVEL CORRECT	LANDING LIGHT.....ON
LIGHTS.....CHECK	AIRSPEED.....ZERO	BEFORE LANDING
PITOT HEAT.....CHECK	VSI.....ZERO	APP BRIEF.....COMPLETE
MASTER SWITCH.....OFF	GPS FLIGHT PLAN.....SET	FUEL SELECTOR.....BOTH
EXTERIOR.....COMPLETE	LIGHTS.....AS REQUIRED	MIXTURE.....RICH
OIL.....6 QTS MIN	MIXTURE.....LEAN	SEATBELTS.....FASTENED
BEFORE STARTING ENGINE	WHILE TAXIING	FINAL APP SPEED.....65 KIAS
PREFLIGHT.....COMPLETE	BRAKES.....CHECK	AFTER LANDING
CHOCKS.....REMOVED	TURN COORD.....CHECK	FLAPS.....UP
AVIONICS MASTER.....OFF	RUNUP	STROBES.....OFF
PAX BRIEF.....COMPLETE	<i>*POINT AIRPLANE INTO WIND*</i>	LANDING LIGHT.....OFF
SEATS.....ADJUSTED/LOCKED	BRAKES.....SET/HOLD	PITOT HEAT.....OFF
SEAT BLTS.....FASTEN/CHK LOCK	CONTROLS.....FREE/CORRECT	TRIM.....SET
ALL ELECTRICAL.....OFF	MIXTURE.....RICH	TAXI LIGHT.....ON
FUEL SELECTOR.....BOTH	THROTTLE.....1800 RPM	MIXTURE.....LEAN MAX RPM
FUEL SHUTOFF.....PUSH IN	ENGINE INSTRUMENTS.....NO RED X'S	SHUTDOWN
ENGINE START	VACUUM.....CHECK	AVIONICS MASTER.....OFF
MIXTURE.....LEAN	ALTERNATOR.....TEST	ALL ELEC. SWITCHES.....OFF
THROTTLE.....OPEN 1/4 INCH	MAG CHECK.....MAX DROP 125	BEACON.....ON
STBY BATT.....TEST 10 SECS, ARM	THROTTLE.....CHK IDLE, THEN 800-1000	THROTTLE.....IDLE
ENGINE INDICATION.....NO RED X'S	BEFORE TAKEOFF	MIXTURE.....FULL LEAN/CUTOFF
BUS E VOLTS.....24 V MINIMUM	RADIOS.....SET	MAGNETOS.....OFF
M BUS VOLTS.....1.5 V OR LESS	HDG INDICATOR.....CHECK	BATT MASTER.....OFF
BATT S AMPS.....NEGATIVE SHOWN	MIXTURE.....FULL RICH	TACH/HOBBS.....RECORD
STBY BATT ANNUCTR.....SHOWN	SEAT BELTS.....FASTENED	STANDBY BATT.....OFF
MASTER SWITCH.....ON	ANUNCIATORS.....CLEAR	WHEEL.....CHOCK
BEACON LIGHT.....ON	DEP & EMERGENCY BRIEF.....COMPLETE	KVPZ FREQUENCIES
ENGINE PRIME PROCEDURE	DOOR/WINDOWS.....LATCHED	AWOS.....125.87.....219-531-1770
FUEL PUMP.....ON	FLAPS.....SET	CTAF/UNICOM.....122.725
MIXTURE RICH til fuel flow then LEAN	TRIM.....SET FOR TKOFF	FSS TERRE HAUTE.....123.65.....122.20
FUEL PUMP.....OFF	TRANSPONDER.....ALT & SQUAWK	SOUTH BEND CLNC.....120.525
PROP AREA.....CLEAR	LIGHTS.....LANDING & STROBE	SOUTH BEND APP/DPART.....132.050
BRAKES.....HOLD	TAKEOFF	KNOX VOR (OXI).....115.6
STARTER.....ENGAGE	THROTTLE.....FULL OPEN	TERMINAL.....219-462-6508
<i>Once Engine Starts:</i>	ENGINE INST.....CHECK	
MIXTURE.....FULL RICH	ROTATE.....55 KIAS	
THROTTLE.....800-1000	Vx.....62 KIAS	
OIL PRESSURE.....IN GREEN	Vy.....74 KIAS	