

CESSNA 172N SKYHAWK 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.....BOTH	MIXTURE.....AS REQUIRED
EMERGENCY EQUIPT.....CHECK	FLIGHT CONTROLS.....FREE & CORRECT	ELEVATOR TRIM.....SET
MAGNETOS.....OFF	MIXTURE.....RICH (BLO 3000 FT)	DESCENT
ALTERNATE STATIC.....CLOSED	THROTTLE.....1700 RPM	MIXTURE.....RICH
CIRCUIT BREAKERS.....IN	ENGINE INSTRUMENTS.....GREEN	WEATHER.....OBTAIN
ELECTRICAL EQUIP.....OFF	AMMETER.....CHECK	LANDING LIGHT.....ON
BAT/ALT MASTERS.....ON	MAG TEST.....150 RPM MAX DROP; 50RPM DIFFERENTIAL	BEFORE LANDING
FUEL QUANTITY.....CHECK	CARBURETOR HEAT.....CHECK	APPROACH.....BRIEFED
FLAPS.....DOWN	ALTERNATE STATIC.....NORMAL	SEATS/BELTS.....SECURE
LIGHTS/PITOT.....CHECK	CIRCUIT BREAKERS.....IN	FUEL SELECTOR.....BOTH
BAT/ALT MASTERS.....OFF	VACUUM.....4.6 TO 5.4 IN Hg	MIXTURE.....RICH (BLO 3000 FT)
EXTERIOR INSPECTION.....COMPLETE	THROTTLE.....IDLE, THEN 800 - 1000	CARBURETOR HEAT.....AS REQUIRED
OIL.....5 QTS MIN	FRICTION LOCK.....ADJUST	FINAL APP SPEED.....56-65 KNOTS
TIRES (NOSE/MAINS).....CHECK	BRAKES.....RELEASE	BALKED LANDING
NOSE STRUT.....CHECK	TAKEOFF	THROTTLE.....FULL
BEFORE START	AVIONICS.....SET	CARBURETOR HEAT.....COLD
PREFLIGHT.....COMPLETE	TRANSPONDER CODE.....SET	RATE OF CLIMB.....POSITIVE
TIEDOWNS/CHOCKS.....OUT	TRANSPONDER MODE.....ALT	FLAPS.....RETRACT TO 20°
SEAT/BELTS.....SECURE	TAKEOFF.....BRIEFED	AIRSPED.....60 KNOTS
FUEL SELECTOR.....BOTH	EMERGENCY PROC.....BRIEFED	After obstacles are cleared...
AVIONICS MASTER.....OFF	ELEVATOR TRIM.....TAKEOFF	AIRSPED.....73 KNOTS
ELECTRICAL EQUIP.....OFF	FLAPS.....UP/10°	FLAPS.....UP AT SAFE ALT
CIRCUIT BREAKERS.....IN	DOORS/WINDOWS.....LATCHED	AFTER LANDING
PASSENGERS.....BRIEF	LIGHTS.....AS REQUIRED	RADIO CALL.....CLEAR OF RUNWAY
START	PITOT HEAT.....AS REQUIRED	PITOT HEAT.....OFF
BAT/ALT MASTERS.....ON	MIXTURE.....RICH(BLO3000 FT)	CARBURETOR HEAT.....COLD
BEACON.....ON	THROTTLE.....FULL	THROTTLE.....800 TO 1000 RPM
MIXTURE.....RICH	ROTATE.....55 KNOTS	FLAPS.....UP
PRIME.....AS REQUIRED	FLAPS.....RETRACT SLOWLY	LIGHTS.....AS REQUIRED
THROTTLE.....1/8 INCH	CLIMB	XPDR.....SBY
PROP AREA.....CLEAR	Vx.....60 KNOTS	MIXTURE.....LEAN MAX RPM
MAGNETOS.....START	Vy.....73 KNOTS	TRIM.....SET
THROTTLE.....800 - 1000 RPM	THROTTLE.....FULL	SHUTDOWN
OIL PRESSURE.....CHECK	CARBURETOR HEAT.....COLD	AVIONICS MASTER.....OFF
AVIONICS MASTER.....ON	MIXTURE.....LEAN(ABV 3000)	ELECT EQUIP.....OFF
LIGHTS.....AS REQUIRED	FUEL SELECTOR.....BOTH	BEACON.....ON
FLAPS.....UP	LIGHTS.....AS REQUIRED	MIXTURE.....OFF
TRANSPONDER.....STBY	KVPZ FREQUENCIES	MAGNETOS & KEYS.....OFF/OUT
WEATHER.....OBTAIN	AWOS.....125.87.....219-531-1770	BAT/ALT MASTERS.....OFF
BRAKES.....CHECK	CTAF/UNICOM.....122.72	TIEDOWNS/CHOCKS.....INSTALL
GYROS.....TAXI CHECK	SOUTH BEND CLNC.....120.52	
	SOUTH BEND APP.....132.05	
	KNOX VOR (OXI).....115.6	
	TERMINAL.....219-462-6508	

CESSNA 172N SKYHAWK FLIGHT CHECKLIST

C-172N EMERGENCY PROCEDURES

ENGINE FIRE DURING FLIGHT

MIXTURE.....IDLE CUTOFF
FUEL SELECTOR.....OFF
ALT & BAT MASTERS.....OFF
CABIN HEAT & AIR.....OFF
OVERHEAD VENTS.....OPEN
AIRSPEEDS.....110 KNOTS or MORE
LAND.....IMMEDIATELY

LOW VOLTAGE LIGHT ILLUMINATES

Ammeter Indicates Discharge

AVIONICS MASTER.....OFF
ALTERNATOR CB(ALT FLD)....CHECK IN
ALT & BAT MASTERS.....OFF
ALT & BAT MASTERS.....ON
LOW VOLTS LIGHT.....CHECK OFF
AVIONICS MASTER.....ON
VOLTS illuminates again....

ALT MASTER.....OFF
ELECTRICAL LOAD.....REDUCE
DIVERT.....NRST ALTERNATE

AMMETER SHOWS EXCESSIVE CHARGE

ALTERNATOR MASTER.....OFF
ELECTRICAL LOAD.....REDUCE
DIVERT.....NRST ALTERNATE

V-SPEEDS

BEST GLIDE.....65 KNOTS
Vso.....35 KNOTS
Vs1.....40 KNOTS
Vr.....55 KNOTS
Vx.....60 KNOTS
Vy.....73 KNOTS
Va.....97 KNOTS
Vfe.....86 KNOTS
Vno.....126 KNOTS
Vne.....158 KNOTS
Enroute Climb.....69 KNOTS

Approach Speed.....60 KNOTS
This checklist is for training purposes only!
Please refer to POH for more complete
information.

ENGINE FAILURE IN FLIGHT

TURN TOWARDS SAFE TERRAIN
AIRSPEED.....65 KNOTS
BEST LANDING SPOT.....SELECT
CARBURATOR HEAT.....ON
FUEL SELECTOR.....BOTH
MIXTURE.....RICH
PRIMER.....IN & LOCKED

MAGNETOS.....BOTH or START
If engine does not start, advance
throttle slowly from idle until a start is
obtained.....If no start....

MIXTURE.....LEAN

Declare Emergency

SQUAWK.....7700
COMMUNICATE.....ON 121.5

EMERGENCY LANDING IN FLIGHT

SEATS/BELTS.....SECURE
AIRSPEED

0° - 10°.....65 KNOTS
10° - FULL.....60 KNOTS
MIXTURE.....IDLE CUTOFF

FUEL SELECTOR.....OFF
MAGNETOS.....OFF
FLAPS.....AS REQUIRED
ALT & BAT MASTERS.....OFF
DOORS.....PROP OPEN

CABIN/ELECT FIRE INFLIGHT

EMERG DESCENT.....INITATE
ALT & BAT MASTERS.....OFF
CABIN HEAT/DEFROST.....OFF
WINDOW.....CLOSED
AVIONICS MASTER.....OFF
ELECT EQUIP.....OFF

If fire is completely extinguished...

EMERG DESCENT.....TERMINATE
WINDOWS.....OPEN
DIVERT.....NRST ALTERNATE

If fire is NOT extinguished, land
immediately