



CESSNA 172M CHECKLIST

PREFLIGHT

INTERIOR

CONTROL WHEEL LOCK REMOVE
 ARROW DOCUMENTS CHECK
 MAGNETOS OFF
 AVIONICS SWITCH OFF
 MASTER SWITCH ON
 FUEL QUANTITY CHECK
 EXTERIOR LIGHTS CHECK
 FLAPS DOWN
 MASTER SWITCH OFF
 FUEL SELECTOR BOTH
 FUEL SHUTOFF ON
 FIRE EXTINGUISHER CHECK

EMPENNAGE

BAGGAGE DOOR CLOSED
 HORIZONTAL STABILIZER CHECKED
 VERTICAL STABILIZER CHECKED
 ELEVATOR CHECK
 RUDDER CHECK
 TAIL TIE DOWN REMOVE
 SKID PLATE CHECK
 ELEVATOR TRIM TAB CHECK
 ANTENNAS CHECK

RIGHT WING

FLAP CHECK
 AILERON CHECK
 WINGTIP CHECK
 LEADING EDGE CHECK
 TIEDOWN REMOVE
 TIRE CHECK TREAD/BALD SPOTS
 BRAKE CHECK
 FUEL SUMP DRAIN
 FUEL QUANTITY VISUALLY VERIFY
 FUEL FILLER CAP SECURE

NOSE

WINDSCREEN CHECK
 FUEL DRAIN CHECK
 OIL LEVEL CHECK
 OIL DOOR CLOSED
 ENGINE AIR INLETS CHECK

PROPELLER & SPINNER CHECK
 ALTERNATOR BELT CHECK
 AIR FILTER CHECK
 TIRE CHECK
 STRUT CHECK
 STATIC PORT CHECK

LEFT WING

FUEL SUMP DRAIN
 FUEL QUANTITY CHECK
 FUEL FILLER CAP SECURE
 PITOT TUBE COVER REMOVE
 PITOT TUBE CHECK
 STALL HORN OPENING CHECK
 FUEL TANK VENT CHECK
 TIEDOWN REMOVE
 LEADING EDGE CHECK
 WINGTIP CHECK
 AILERON CHECK
 FLAP CHECK
 TIRE CHECK TREAD/BALD SPOTS
 BRAKE CHECK

BEFORE ENTERING AIRCRAFT

ALL TIEDOWNS CHECK REMOVED
 CHALKS CHECK REMOVED AND OUT OF PATH
 PITOT COVER CHECK REMOVED
 SURROUNDING AREA CLEAR OF OBSTRUCTIONS

NORMAL PROCEDURES

BEFORE START

PREFLIGHT INSPECTION COMPLETE
 PASSENGER BRIEFING COMPLETE
 SEATS & SEAT BELTS ADJUSTED & FASTENED
 FUEL SELECTOR BOTH
 CARB HEAT OFF
 CIRCUIT BREAKERS CHECK
 FLIGHT CONTROLS PROPER OPERATION
 MASTER SWITCH OFF
 AVIONICS SWITCH OFF
 MASTER SWITCH ON
 BEACON ON
 NAV LIGHTS AS REQUIRED

ENGINE START

THROTTLE 1/8" Open
 MIXTURE RICH
 ENGINE PRIME

IF HOT START - DO NOT PRIME

PROPELLER AREA CLEAR
 BRAKES HOLD
 MAGNETOS START
 THROTTLE 1000 RPM
 OIL PRESSURE CHECK GREEN
 AMPS POSITIVE CHARGE

ANNUNCIATORS EXTINGUISHED
 MIXTURE LEAN
 FLAPS RETRACT

AFTER START/BEFORE TAXI

AVIONICS ON
 GPS DATABASE VERIFY CURRENCY
 COMMS SET
 ATIS/AWOS OBTAIN
 ALTIMETER SET
 FLIGHT PLAN SET
 TRANSPONDER 1200/ASSIGNED
 TAXI CLEARANCE OBTAINED

WHILE TAXIING

BRIEF PRIOR TO RELEASING BRAKES AND COMPLETE WHILE TAXIING

TAXI BRIEF
 TAXI LIGHT ON
 BRAKES TEST
 STEERING CHECKED
 FLIGHT INSTRUMENTS CHECKED

RUN UP

BRAKES HOLD
 MIXTURE FULL RICH
 THROTTLE 1700 RPM
 MAGNETOS CHECK DROP
 CARB HEAT CHECK
 OIL TEMPERATURE CHECK
 OIL PRESSURE CHECK
 AMPS/VOLTS CHECK
 THROTTLE IDLE THEN 1000 RPM

BEFORE TAKEOFF

DEPARTURE BRIEFING COMPLETE
 FLIGHT INSTRUMENTS CHECK
 STANDBY INSTRUMENTS CHECK
 ANNUNCIATORS CHECK
 FUEL SELECTOR BOTH
 CARB HEAT OFF
 ENGINE INDICATIONS CHECK
 SEAT BACKS ERECT
 SEATS ADJUSTED AND LOCKED IN POSITION
 SEAT BELTS FASTENED
 FLAPS SET
 CONTROLS FREE AND CORRECT
 DOORS AND WINDOW LATCHED
 LIGHTS AS REQUIRED
 PITOT HEAT AS REQUIRED

CLIMB (1,000FT AGL)

SPEED75-85 MPH
 FLAPSRETRACTED
 ENGINE INSTRUMENTS.....CHECK

CRUISE

THROTTLESET PER POWER TABLE
 MIXTURELEAN AS REQUIRED
 ENGINE INSTRUMENTSCHECKED
 LIGHTINGAS REQUIRED

DESCENT/BEFORE LANDING

ATIS/AWOSOBTAIN
 ALTIMETERSET
 COMMS/NAV RADIOS & AVIONICSCHECKED & SET
 APPROACHBRIEFED
 SEAT BACKSERECT
 SEAT BELTSFASTENED
 MIXTUREFULL RICH
 CARB HEATON
 LIGHTINGAS REQUIRED
 PARK BRAKEVERIFY OFF
 TOE BRAKESDEPRESS TO CHECK

AFTER LANDING

COMMSMONITOR GROUND (WHEN APPLICABLE)
 FLAPSRETRACT
 CARB HEATOFF
 MIXTURELEAN
 PITOT HEATOFF
 LIGHTINGAS REQUIRED

SHUTDOWN

AVIONICS SWITCHOFF
 ELECTRICAL SWITCHES (EXCEPT BEACON)OFF
 THROTTLEIDLE
 MAGNETOSGROUND CHECK
 THROTTLE1200 RPM
 MIXTUREIDLE CUTOFF
 THROTTLECLOSED
 MAGNETOSOFF
 KEYOUT OF IGNITION
 INTERIOR LIGHTSOFF
 MASTER SWITCHOFF
 CONTROL LOCKINSTALLED
 PITOT COVER, COWL PLUGSINSTALLED
 TIEDOWNSSECURED
 HOBBS/TACH TIMERECORDED
 DISPATCH LOGCOMPLETED

EMERGENCY PROCEDURES

POWER LOSS IN FLIGHT

AIRSPEED80 MPH
 BEST FIELD
 MIXTUREFULL RICH
 CARB HEATON
 FUEL SELECTORCHECK/BOTH
 MAGNETOSCHECK ALL

IF NO RESTART & TIME PERMITS

AIRSPEED68 KIAS
 TRANSPONDER7700
 ATCDECLARE EMERGENCY
 MIXTUREIDLE CUTOFF
 FLAPSAS REQUIRED
 MASTER & MAGNETOSOFF
 DOORSUNLATCHED

ELECTRICAL FIRE IN FLIGHT

ALL ELECTRICAL + MASTEROFF
 VENTS/HEAT/AIRCLOSED
 AVIONICS MASTEROFF

IF FIRE OUT

MASTERON IF CRITICAL
 ESSENTIAL ELECTRICALON ONE AT A TIME
 CIRCUIT BREAKER(S)RESET IF CRITICAL

ENGINE FIRE IN FLIGHT

MIXTUREIDLE CUTOFF
 FUEL SELECTOROFF
 MASTEROFF
 CABIN HEAT/AIROFF
 AIRSPEED120 MPH TO EXTINGUISH
LAND AS SOON AS POSSIBLE

ENGINE FIRE DURING START

STARTERCONTINUE CRANKING

IF START

THROTTLE1700 RPM FOR A FEW MINUTES
 ENGINESHUTDOWN & INSPECT DAMAGE

IF NO START

MIXTUREIDLE CUTOFF
 FUEL SELECTOROFF
 THROTTLEFULL OPEN
 STARTERCONTINUE CRANKING
 MASTEROFF
 MAGNETOSOFF

EVACUATE!

RJC (ECHO): 131.40

V_{SO} : 54 MPH
V_{S1} : 61 MPH
V_r : 60 MPH
V_g : 80 MPH
V_{y-1700 LBS/Sea Level} : 83 MPH
V_{y-2000 LBS/Sea Level} : 88 MPH
V_{y-2300 LBS/Sea Level} : 91 MPH
V_a : 112 MPH
V_{NO} : 145 MPH
V_{NE} : 182 MPH
V_{FE} : 100 MPH

THIS CHECKLIST IS FOR CONVENIENCE ONLY AND DOES NOT REPLACE THE POH. USE IS AT THE OWN RISK OF THE PILOT IN COMMAND.

ABNORMAL PROCEDURES CAN BE FOUND IN THE AFM