



CESSNA 152 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 SHUTOFF.....ON
FIRE EXTINGUISHER.....CHECK

EMPENNAGE

EMPENNAGE.....CHECKED
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 SHUTOFF.....ON
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.....1/4" 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
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
ANNUNCIATORS.....CHECK
FUEL SHUTOFF.....ON
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)

SPEED70-80 KIAS
 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**

AIRSPEED60 KIAS
 BEST FIELD
 MIXTUREFULL RICH
 CARB HEATON
 FUEL SHUTOFFCHECK/ON
 MAGNETOSCHECK ALL

IF NO RESTART & TIME PERMITS

AIRSPEED60 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 SHUTOFFOFF
 MASTEROFF
 CABIN HEAT/AIROFF
 AIRSPEED>100 KIAS TO EXTINGUISH
LAND AS SOON AS POSSIBLE

ENGINE FIRE DURING START

STARTERCONTINUE CRANKING

IF START

THROTTLE1800 RPM FOR A FEW MINUTES
 ENGINESHUTDOWN & INSPECT DAMAGE

IF NO START

MIXTUREIDLE CUTOFF
 FUEL SHUTOFFOFF
 THROTTLEFULL OPEN
 STARTERCONTINUE CRANKING
 MASTEROFF
 MAGNETOSOFF

EVACUATE!

ATLANTIC: 129.00
RJC (ECHO): 131.40

V_{SO} : 35 KIAS
V_{S1} : 40 KIAS
V_r : 50 KIAS
V_x : 55 KIAS
V_g (max gross) : 60 KIAS
V_y : 67 KIAS
V_a (1350 lbs) : 93 KIAS
V_a (1500 lbs) : 98 KIAS
V_a (max gross) : 104 KIAS
V_{NO} : 111 KIAS
V_{NE} : 149 KIAS
V_{FE} : 85 KIAS

SHORT FIELD TAKEOFF

10° Flaps - Climb at barrier speed until clear of obstacle -
 accelerate to V_y

SOFT FIELD TAKEOFF

10° Flaps - Full back pressure - Rotate at slowest speed
 - accelerate to V_y in ground effect

**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 POH**