



**CESSNA 172RG
CESSNA CUTLASS
NORMAL CHECKLISTS**

PREFLIGHT: CABIN

- REGISTRATION/AIRWORTHINESS CERTIFICATE CHECK
- POH ACCESSIBLE TO PILOT
- WEIGHT AND BALANCE..... CHECK/COMPLETE
- AVIONICS OFF
- CONTROL WHEEL LOCK..... REMOVE
- MASTER OFF
- MAGS..... OFF
- BEACON ON
- GEAR..... DOWN
- THROTTLE IDLE
- PROP..... FULL FORWARD
- MIXTURE..... IDLE
- FLAPS UP
- FUEL SELECTOR..... BOTH
- TRIM T/O
- ALTERNATE STATIC TEST
- HOBBS & TACH RECORD
- MASTER ON
- GEAR LIGHT GREEN
- GEAR WARNING HORN TEST
- FLAPS DOWN
- FUEL GAUGE..... CHECK
- LOW VACUUM LIGHT..... ON
- LIGHTS ON
- PARKING BREAK SET
- 360 WALKAROUND..... COMPLETE
- MASTER OFF

EMPENAGE

WHEEL WELL	INSPECT
WINDOWS.....	CLEAN
BAGGAGE DOOR.....	CLOSED
ELEVATOR/HORIZONTAL STABILIZER.....	INSPECT
COUNTER WEIGHT	INSPECT
TAIL & TIEDOWN & HOOK.....	REMOVED
RUDDER/ VERTICAL STAB.....	INSPECT
STATIC WICK.....	INSPECT
TRIM TAB	INSPECT
LIGHTS	INSPECT
VOR ANTENNA (2)	INSPECT
ELEVATOR TRIM TAB	INSPECT
STATIC WICK.....	INSPECT
ELT ANTENNA.....	INSPECT
WINDOWS.....	CLEAN
WHEEL WELL	INSPECT

RIGHT WING

COMM ANTENNA	INSPECT
FLAP.....	INSPECT
AILERON.....	INSPECT
COUNTER WEIGHTS	INSPECT
WINGTIP	INSPECT
LIGHTS	INSPECT
LEADING EDGE	INSPECT
TIEDOWN	REMOVED
STRUT	INSPECT
SUMP (1).....	DRAIN
TIRE (ROLL BACK).....	INSPECT
BRAKES	INSPECT
WINDOWS.....	INSPECT
VENTS	INSPECT
FUEL QUANTITY.....	CHECK
FUEL FILLER CAP	SECURE
TOP WING	INSPECT

NOSE

OIL QUANTITY	CHECK/6+ QUARTS
FUEL STRAINER DRAIN	DRAIN/CLOSE
WINDSCREEN	INSPECT
CABIN AIR INTAKE	INSPECT
SUMPS (1)	DRAIN
NOSE STRUT	INSPECT
WHEEL WELL	INSPECT
GEAR DOORS.....	INSPECT
TIRE (ROLL BACK).....	INSPECT
ENGINE COOLING INLETS	INSPECT
ALTERNATOR BELT.....	INSPECT
PROP/SPINNER.....	INSPECT
INTAKE/AIR FILTER	INSPECT
COWLING	INSPECT
STATIC PORT	INSPECT

LEFT WING

VENTS	INSPECT
FUEL QUANTITY	CHECK
FUEL FILLER CAP	SECURE
WING TOP	INSPECT
PITOT TUBE	INSPECT
STRUT	INSPECT
STALL VANE	INSPECT
FUEL TANK VENT	INSPECT
TIE DOWN	REMOVE
LEADING EDGE	INSPECT
LAND/TAXI LIGHT	INSPECT
WINGTIP	INSPECT
STROBE/NAV	INSPECT
AILERON	INSPECT
COUNTER WEIGHT	INSPECT
FLAP	INSPECT
FUEL SUMP (1).....	DRAIN
TIRE (ROLL BACK).....	INSPECT
BRAKE	INSPECT
WINDOWS.....	INSPECT

ENGINE START

PREFLIGHT.....	COMPLETE
PASSENGER/CREW BRIEFING	COMPLETE
SEATBELTS.....	ON
SEATS.....	SET/LOCKED
FUEL SELECTOR.....	BOTH
MIXTURE.....	RICH
PROPELLER.....	FULL FORWARD
THROTTLE	¼ INCH OPEN
CARB HEAT.....	OFF
BEACON	ON
CIRCUIT BREAKERS	IN
PARKING BRAKE	SET
AVIONICS	OFF
COWL FLAPS.....	OPEN
PRIME	COMPLETE
PROP AREA.....	CLEAR
MASTER	ON
STARTER.....	ENGAGE
THROTTLE	1000 RPM
OIL PRESSURE.....	CHECK
ENGINE INSTRUMENTS	CHECK
LIGHTS	AS REQUIRED
MIXTURE.....	LEAN

TAXI

AVIONICS	ON
RADIOS	ON
ATIS	COPY
CLEARANCE	OBTAIN
FLIGHT INSTRUMENTS	CHECK
INSTRUMENT/ICC	COMPLETE
TRANSPONDER.....	TEST/STANDBY
FLAPS.....	UP
PARKING BRAKE	RELEASE
BRAKES	CHECK

RUN UP

PARKING BRAKE	SET
FLIGHT CONTROLS	FREE AND CORRECT
FUEL QUANTITY.....	CHECK
ENGINE INSTRUMENTS	CHECK
MIXTURE.....	RICH
FUEL PUMP	TEST
TRIM	TAKEOFF
FUEL SELECTOR.....	BOTH
THROTTLE	1800 RPM
ENGINE INSTRUMENTS	CHECK
AMMETER	CHECK
MAGS.....	CHECK
PROP.....	CYCLE
CARB HEAT.....	HOT
THROTTLE	IDLE
CARB HEAT.....	COLD
THROTTLE	1000 RPM
MIXTURE.....	LEAN
MAGS.....	CHECK BOTH

TAKEOFF

PRE T/O BRIEF	COMPLETE
SEATBELTS.....	VERIFY ON
WINDOWS/DOORS.....	CLOSED AND LATCHED
FLAPS.....	SET
FUEL SELECTOR.....	BOTH
TRIM	SET FOR TAKEOFF
COMMS, NAVS, FLIGHT INSTRUMENTS.....	SET
T/O CLEARANCE	OBTAIN
PARKING BRAKE	RELEASE
LIGHTS	ON
MIXTURE.....	FULL RICH
TRANSPONDER.....	ALT
POSITIVE RATE/NO RUNWAY REMAINING.....	GEAR UP
500 FT	85 KTS
POWER.....	25"/2500 RPM

CLIMB 1000 FT

LIGHTS AS NEEDED
GEAR.....UP
POWER.....SET
MIXTURE..... LEAN
FLAPS.....UP

CRUISE

LIGHTS OFF
POWER.....SET
MIXTURE..... LEAN
COWL FLAPS..... AS REQUIRED

BEFORE LANDING/DESCENT

SEAT BELTS..... ON
APPROACH BRIEF..... COMPLETE
ATIS COPY
LIGHTS ON
GEAR..... AS REQUIRED
CARB HEAT AS REQUIRED
THROTTLE 100 KTS
MIXTURE.....RICH
FUEL SELECTOR..... BOTH

DOWNWIND, 1000', FAF, OR COURSE INTERCEPT

FUEL SELECTOR..... BOTH
GEAR..... DOWN
MIXTURE.....RICH
PROP..... FULL FORWARD ON FINAL
GUMP CHECK COMPLETE 3 TIMES

AFTER LANDING

LIGHTS AS REQUIRED
CARB HEAT COLD
THROTTLE 1000
MIXTURE LEAN
FLAPS UP
TRANSPONDER STANDBY
TRIM SET FOR TAKEOFF

SHUTDOWN

RAMP IN (122.9) COMPLETE
AVIONICS OFF
THROTTLE 1000
MIXTURE IDLE CUT OFF
THROTTLE CLOSE
LIGHTS OFF
MASTER OFF
MAGS OFF

SECURE

CONTROL LOCK SET
HOBBS/TACH RECORDED
CLEAN COCKPIT VERIFIED
DOORS SHUT/LOCKED
TIED DOWN 3-POINT
360 WALK AROUND COMPLETE



**CESSNA 172RG
CESSNA CUTLASS
EMERGENCY/ABNORMAL
CHECKLISTS**

ENGINE FAILURE BEFORE Vr

- THROTTLES..... IDLE
- BRAKES APPLY
- WING FLAPS RETRACT
- MIXUTRE..... IDLE CUTOFF
- IGNITION SWITCH..... OFF
- MASTER SWITCH OFF

ENGINE FAILURE AFTER Vr RWY REMAINING

- AIRSPEED 68 KIAS
- GEAR..... DOWN
- MIXTURE..... IDLE CUT-OFF
- MAGS..... OFF
- FUEL SELECTOR..... OFF
- FLAPS AS REQUIRED
- EMERGENCY DECLARE
- MASTER SWITCH OFF
- CABIN DOOR UNLATCH
- LAND..... STRAIGHT AHEAD
- BRAKES APPLY

ENGINE FAILURE NO RUNWAY REMAINING BELOW 500'

AIRSPPEED 68 KIAS
BEST PLACE TO LAND IDENTIFIED
GEAR..... AS REQUIRED
MIXTURE..... IDLE CUT-OFF
MAGS..... OFF
FUEL SELECTOR..... OFF
FLAPS AS REQUIRED
EMERGENCY DECLARE
MASTER SWITCH OFF
CABIN DOOR UNLATCH
LAND..... STRAIGHT AHEAD

ENGINE FAILURE NO RWY REMAINING/ABOVE 500'

AIRSPPEED 68 KIAS
BEST PLACE TO LAND IDENTIFIED
PRIMER IN AND LOCKED
MAGS..... ON
AUX FUEL PUMP ON
CARB HEAT HOT
MIXTURE..... RICH
FUEL SELECTOR VALVE BOTH
MIXTURE..... RICH
MAGS..... BOTH/START

IF ENGINE DOESN'T START:

GEAR..... AS REQUIRED
MIXTURE..... IDLE CUT-OFF
MAGS..... OFF
FUEL SELECTOR..... OFF
FLAPS AS REQUIRED
EMERGENCY DECLARE
MASTER SWITCH OFF
CABIN DOOR UNLATCH

EMERGENCY LANDING WITHOUT ENGINE POWER

PASSENGER SEAT BACKSUP
SEATS AND SEAT BELTS SECURE
AIRSPEED 68 KIAS
GEAR DOWN
MIXTURE IDLE CUT-OFF
FUEL SELECTOR OFF
MAGS OFF
FLAPS AS REQ (30 RECOMMENDED)
AVIONICS MASTER SWITCH AND ELECTRICAL OFF
MASTER OFF
DOORS UNLATCH
TOUCHDOWN SLIGHTLY TAIL LOW
BRAKESAPPLY HEAVILY

EMERGENCY LANDING WITH ENGINE POWER

PASSENGER SEAT BACKSUP
SEATS AND SEAT BELTS SECURE
AIRSPEED 68 KIAS
GEAR DOWN
FLAPS AS REQUIRED
SELECTED FIELD FLY OVER
AVIONICS MASTER SWITCH AND ELECTRICAL OFF
MASTER SWITCH OFF
DOORS UNLATCHED PRIOR TO TOUCHDOWN
TOUCHDOWN SLIGHTLY TAIL LOW
BRAKESAPPLY HEAVILY

DITCHING

RADIO TRANSMIT MAYDAY ON 121.5 MHZ
TRANSPONDER 7700
HEAVY OBJECTS SECURE/JETTISON
SEAT BACKS UP
SEATS AND SEAT BELTS SECURE
GEAR UP
FLAPS FULL
POWER ESTABLISH 300FT/MIN DECENT AT 55 KIAS
HIGH WINDS/HEAVY SEAS INTO WIND
LIGHT WINDS/HEAVY SWELLS PARALLEL TO SWELLS
CABIN DOORS UNLATCH
TOUCHDOWN LEVEL ATTITUDE
FACE CUSHION AT TOUCHDOWN
ELT ACTIVATE
AIRPLANE EVACUATE
LIFE RAFTS AND VESTS INFLATE WHEN CLEAR OF A/C

ENGINE FIRE DURING START ON GROUND

MAGS/STARTER CONTINUE CRANKING

IF ENGINE STARTS:

POWER 1700 RPM FOR A FEW MINUTES
FIRE EXTINGUISHER OBTAIN
ENGINE SHUTDOWN AND INSPECT FOR DAMAGE

IF ENGINE FAILS TO START:

THROTTLE FULL OPEN
MIXTURE IDLE CUTOFF
CRANKING CONTINUE
FUEL SHUTOFF VALVE OFF (PULL OUT)
AUX FUEL PUMP SWITCH OFF
FIRE EXTINGUISHER OBTAIN
MASTER SWITCH OFF

MAGS OFF
PARKING BRAKE RELEASE
AIRPLANE EVACUATE
FIRE EXTINGUISH
FIRE DAMAGE INSPECT

ENGINE FIRE DURING FLIGHT

GEAR..... DOWN
MIXTURE..... IDLE CUT OFF
FUEL SHUTOFF VALVE PULL OUT (OFF)
AUX FUEL PUMP SWITCH OFF
MASTER SWITCH OFF
CABIN HEAT/AIR..... OFF
AIRSPEED 100 KIAS
FORCED LANDING EXECUTE
FIRE EXTINGUISHER ACTIVATE AS REQUIRED

ELECTRICAL FIRE IN FLIGHT

GEAR..... DOWN
MASTER SWITCH OFF
VENTS, CABIN AIR,HEAT CLOSED
FIRE EXTINGUISHER ACTIVATE
AVIONICS MASTER SWITCH..... OFF
ALL OTHER SWITCHES (EXCEPT IGNITION) OFF
VENTS/CABIN AIR/HEAT OPEN
..... WHEN FIRE IS COMPLETELY EXTINGUISHED
MASTER SWITCH ON
CIRCUIT BREAKERS CHECK FOR FAULTY CIRCUIT
..... DO NOT RESET
RADIO SWITCHES..... OFF
AVIONICS MASTER SWITCH..... ON
RADIO/ELECTRICAL SWITCHES ON, ONE AT A TIME
..... WITH DELAY UNTIL SHORT CIRCUIT IS LOCALIZED

CABIN FIRE

GEAR..... DOWN
MASTER SWITCH OFF
VENTS/CABIN AIR/HEAT CLOSED
FIRE EXTINGUISHER ACTIVATE
VENTS/CABIN AIR/HEAT OPEN
..... WHEN FIRE IS COMPLETELY EXTINGUISHED
LAND..... AS SOON AS POSSIBLE

WING FIRE

LANDING/TAXI LIGHT SWITCHES OFF
NAV LIGHTS OFF
STROBE LIGHTS OFF
PITOT HEAT OFF
AIRSPEED INCREASE
LAND ASAP

AMMETER EXCESSIVE

ALTERNATOR OFF
ALTERNATOR CB PULL OUT
ELECTRICAL LOAD REDUCE
LAND ASAP

LOW VOLTAGE

AVIONICS OFF
ALTERNATOR BRAKER IN
MASTER RECYCLE
LOW VOLTAGE LIGHT CHECK

IF LIGHT COMES BACK ON:

ALTERNATOR OFF
ELECTRICAL LOAD REDUCE
LAND ASAP

INADVERTENT ICING ENCOUNTER

PITOT HEAT ON
TURN BACK OR CHANGE ALTITUDE
DEFROSTER ON
THROTTLE FULL
CARB HEAT ON
BEST PRACTICAL LANDING SITE IDENTIFIED
FLAPS UP
WINDSHIELD CLEAN
AIRSPEED 90 KIAS
LAND LEVEL ATTITUDE

LANDING GEAR FAILS TO RETRACT

MASTER SWITCH ON
LANDING GEAR LEVERUP
LANDING AND GEAR PUMP CIRCUIT BREAKERSIN
GEAR UP LIGHT..... CHECK
LANDING GEAR LEVER RECYCLE
GEAR MOTOR..... CHECK OPERATION

LANDING GEAR FAILS TO EXTEND

MASTER SWITCH ON
LANDING GEAR LEVER DOWN
LANDING AND GEAR PUMP CIRCUIT BREAKERSIN
EMERGENCY HAND PUMP EXTEND HANDLE AND PUMP
GEAR DOWN LIGHT..... ON
PUMP HANDLESTOW

GEAR UP LANDING

LANDING GEAR LEVERUP
LANDING AND GEAR PUMP CIRCUIT BREAKERSIN
RUNWAY..... SELECT
FLAPS 30
AIRSPEED 68 KIAS
DOORS UNLATCH
AVIONICS OFF
MASTER OFF
TOUCHDOWN..... SLIGHTLY TAIL LOW
MIXTURE..... IDLE CUTOFF
MAGS..... OFF
FUEL SELECTOR..... OFF
AIRPLANE.....EVACUATE

LANDING W/O INDICATION OF GEAR LOCKING

BEFORE LANDING CHECK COMPLETE
APPROACH NORMAL
LANDING AND GEAR PUMP CIRCUIT BREAKERSIN
TOUCHDOWN..... SLIGHTLY TAIL LOW
BRAKINGMINIMUM
TAXI SLOWLY
GEAR..... INSPECT AFTER SHUTDOWN

V SPEEDS

VSO.....	40
VS	50
VX.....	67
VY	84
VFE 10.....	130
VFE 10-30	100
VLO.....	140
VLE.....	164
VNO	145
VNE.....	164
VA	
2650 LBS	106
2250 LBS	98
1850 LBS	89
VWINDOW	164
MAX X-WIND.....	15

**THIS CHECKLIST IS NOT A SUBSTITUTE FOR THE AIRCRAFT'S PILOT OPERATING
HANDBOOK.**