

CESSNA 152 OH-CLE, OH-COX CHECKLIST, EMERGENCY PROCEDURES

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ENGINE FAILURES

ABORTED TAKEOFF

THROTTLE.....IDLE
BRAKES.....APPLY

If maximum braking action is needed select flaps
up right after touch down

ATC.....INFORM

GROUND EMERGENCY

PARKING BRAKE.....ON
FUEL SELECTOR.....OFF
MIXTURE.....IDLE CUT OFF
MAGNETOS.....OFF
ATC.....INFORM
MASTER SWITCH.....OFF
EVACUATE WITH FIRE EXTINGUISHER

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

AIRSPEED.....70 MPH / 60 KIAS
MIXTURE.....IDLE CUTOFF
LANDING SPOT.....FRONT SECTOR
FUEL SELECTOROFF
MAGNETOS.....OFF
ATC.....INFORM
FLAPS.....AS REQUIRED
MASTER SWITCH.....OFF

ENGINE FAILURE DURING FLIGHT

AIRSPEED.....70 MPH / 60 KIAS
LANDING SPOT.....SELECT
CARB HEAT.....ON
PRIMER.....IN AND LOCKED
FUEL SELECTOR.....OPEN
MIXTURE.....RICH
MAGNETOS.....BOTH / START

FORCED LANDINGS**EMERGENCY LANDING WITHOUT ENGINE POWER**

AIRSPEED.....70 MPH / 60 KIAS
ATC.....MAYDAY
TRANSPONDER.....7700
FUEL SELECTOR.....OFF
MIXTURE.....IDLE CUTOFF
MAGNETOS.....OFF
FLAPS.....AS REQUIRED
MASTER SWITCH.....OFF
DOORS.....OPEN BEFORE
.....TOUCHDOWN
TOUCHDOWN.....SLIGHTLY TAIL LOW
.....APPLY BRAKES

PRECAUTIONARY LANDING WITH ENGINE POWER

LANDING SPOT.....SELECT
FLAPS.....20°
AIRSPEED.....70 MPH / 60 KIAS

Fly over selected spot and note:

OBSTRUCTIONS
TERRAIN AND WIND

After flyover:

FLY NORMAL TRAFFIC CIRCUIT
BRIEF PASSENGERS
PREPARE COCKPIT FOR TOUCHDOWN
ATC.....INFORM
TRANSPONDER.....7700
FLAPS.....30°
AIRSPEED.....65 MPH / 55 KIAS

Prior touchdown:

MASTER SWITCH.....OFF
DOORS.....OPEN
TOUCHDOWN.....SLIGHTLY TAIL LOW
MIXTURE.....IDLE CUTOFF
APPLY BRAKES
MAGNETOS.....OFF

FIRES**DURING ENGINE START**

CONTINUE CRANKING

Try to suck flames inside engine**If engine starts:**

POWER..... 1700 RPM
MIXTURE..... IDLE CUTOFF
FUEL SELECTOR..... OFF
MAGNETOS..... OFF
MASTER SWITCH..... OFF
EXTINGUISH FIRE IF NEEDED
DAMAGES..... INSPECT

If engine fails to start:

CONTINUE CRANKING
MIXTURE..... IDLE CUTOFF
FUEL SELECTOR..... OFF
MAGNETOS..... OFF
MASTER SWITCH..... OFF
EXTINGUISH FIRE
DAMAGES..... INSPECT

ENGINE FIRE IN FLIGHT

MIXTURE..... IDLE CUTOFF
FUEL SELECTOR..... OFF
CABIN HEAT..... CLOSE
CABIN AIR..... CLOSE
WINGROOT VENTS..... OPEN
AIRSPEED..... 95 MPH / 85 KIAS

**TRY TO FIND AIRSPEED WHICH EXTINGUISHES
FIRE**

EXECUTE "FORCED LANDING WITHOUT POWER", p.2

ELECTRICAL FIRE IN FLIGHT

MASTER SWITCH..... OFF
MAGNETOS..... ON
ALL OTHER SWITCHES..... OFF
CABIN AIR..... CLOSE
WINGROOT VENTS..... CLOSE
EXTINGUISHER..... AS REQUIRED

If extinguisher used in closed cabin:

VENTILATE CABIN

**If fire appears out and electrical power is necessary for
continuance of flight:**

MASTER SWITCH..... ON
CIRCUIT BRAKERS:

A. Check tripped**B. Do not reset**

ELECTRICAL SWITCHES:

Switch on one at time at delay to find faulty circuit

HEAT AND VENTILATION:

Ensure fire is out before using. After that OPEN

CABIN FIRE

MASTER SWITCH.....OFF
CABIN AIR VENTS / HEAT.....CLOSE
EXTINGUISHER.....AS REQUIRED
If discharged extinguisher within closed cabin:
VENTILATE CABIN

LAND AS SOON AS POSSIBLE

WING FIRE

NAV AND STROBE LIGHTS.....OFF
PITOT HEAT.....OFF
LAND AS SOON AS POSSIBLE. FLAPS RETRACTED

NOTE!

Perform a sideslip to keep flames out of fuel tanks and cabin

ELECTRICAL MALFUNCTIONS**OVER VOLTAGE (FULL DEFLECTION)**

ALTERNATOR..... OFF
NONESSENTIAL ELEC. EQUIPMENT..... OFF
LAND AS SOON AS PRACTICAL

DISCHARGE (NO CHARGING AT ALL)

RADIOS.....OFF
MASTER SWITCH / ALTERNATOR...OFF
ALTERNATOR CIRCUIT BREAKER...CHECK / RESET
MASTER SWITCH / ALTERNATOR...ON
LOW VOLTAGE LIGHT.....CHECK
If low voltage light is NOT illuminated:
RADIOS.....ON
If low voltage light illuminates:
ALTERNATOR.....OFF
TURN ALL NONESSENTIAL EQUIPMENT OFF
LAND AS SOON AS PRACTICAL

LANDING WITH FLAT TIRE

PERFORM NORMAL APPROACH

Touchdown:

GOOD TIRE FIRST
KEEP FLAT TIRE IN AIR AS LONG AS POSSIBLE
MAINTAIN DIRECTIONAL CONTROL AND KEEP A/C ON
RUNWAY