

EMERGENCY CHECKLIST

C-150

LN-LGB

DENNE SJEKKLISTEN ER UTARBEIDET I

BODØ FLYKLUBB

Revidert 03.05.2008

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AIRSPEEDS

- Engine failure after take-off.....Flaps UP.....65 MPH
Flaps DOWN.....65 MPH
- Landing without engine power....Flaps UP.....65 MPH
Flaps DOWN.....65 MPH
- Maximum glide:.....65 MPH
- Maneuvering speed.....1600 lbs.....109 MPH
- Never exceed speed.....162 MPH

ENGINE & POWER FAILURE

ENGINE POWER LOSS DURING TAKE-OFF

- Throttle.....IDLE
- Brakes.....APPLY
- If time permits:
 - Wing Flaps.....RETRACT
- Mixture.....IDLE CUT-OFF
- Ignition Switch.....OFF
- Master Switch.....OFF

ENGINE POWER IMMEDIATELY AFTER TAKE-OFF

- Nose Down.....65 MPH (Flaps UP)
65 MPH (Flaps DOWN)
- Throttle.....IDLE
- Select proper landing area.
- Flaps.....AS REQUIRED
- If time permits:
 - Mixture.....IDLE CUT-OFF
- Fuel Selector.....OFF
- Ignition Switch.....OFF
- Master Switch.....OFF

ENGINE FAILURE DURING FLIGHT

- Airspeed.....65 MPH
- Carburator Heat.....ON
- Select proper landing area.
- Fuel Selector.....ON
- Mixture.....RICH
- Ignition Switch.....BOTH (or START if propeller is stopped)
- Primer.....IN and LOCKED
- Restart fails.....continue with EMERGENCY LANDING WITHOUT ENGINE POWER

FORCED LANDINGS

EMERGENCY LANDING WITHOUT ENGINE POWER

- Nose down.....65 MPH (Flaps UP)
65 MPH (Flaps DOWN)
- Mixture.....IDLE CUT-OFF
- Fuel Selector.....OFF
- Ignition Switch.....OFF
- Wing Flaps.....AS REQUIRED
- Master Switch.....OFF
- Doors.....UNLATCH PRIOR TO TOUCHDOWN
- Touchdown.....SLIGHTLY TAIL LOW
- Brakes.....APPLY HEAVILY

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FORCED LANDINGS (CONTINUED)

PRECAUTIONARY LANDING WITH ENGINE POWER

- Wing Flaps.....20°
- Airspeed.....65 MPH
- Selected Airfield.....FLY OVER, noting terrain and obstructions
- Avionics Power Switch.....OFF
- Electrical Equipment.....OFF
- Wing Flaps.....40° (on final approach)
- Airspeed.....65 MPH
- Master Switch.....OFF
- Doors.....UNLATCH PRIOR TO TOUCHDOWN
- Touchdown.....SLIGHTLY TAIL LOW
- Ignition Switch.....OFF
- Brakes.....APPLY HEAVILY

DITCHING

- Radio.....TRANSMIT MAY-DAY on frequency, SQUAWK 7700
- Heavy Objects.....SECURE OR JETTISON
- Approach.....High Winds, Heavy Seas – INTO THE WIND
- Light Winds, Heavy Swells – PARALLEL TO SWELLS
- Flaps.....20°-40°
- Power.....ESTABLISH 300' pr. min RATE OF DESCENT AT 65 MPH
- Note:
 - If no power is available, approach at 65 MPH
- Cabin Doors.....UNLATCH
- Touchdown.....LEVEL ATTITUDE AT ESTABLISHED RATE OF DESCENT
- Face.....CUSHION at touchdown with folded coat.
- Airplane.....EVACUATE. If necessary open window to equalize pressure.
- Life Vests and Raft.....INFLATE

ELECTRICAL POWER FAILURE

AMMETER SHOWS EXCESSIVE RATE OF CHARGE (full scale deflection)

- Master.....OFF
- Non-Essential Equipment.....OFF
- ATC.....INFORM (BY PHONE OR RADIO FAILURE PROCEDURE)
- Flight.....TERMINATE AS SOON AS PRACTICAL

LOW-VOLTAGE LIGHT ON DURING FLIGHT (Ammeter indicates discharge)

- Non-Essential Equipment.....OFF
- Ammeter.....CHECK
- ATC.....INFORM (BY PHONE OR RADIO)
- Master Switch.....OFF
- Flight.....TERMINATE as soon as practical

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FIRE

FIRE DURING START ON GROUND

Cranking.....CONTINUE, to get a start which would suck the flames into the engine

If engine starts:

Power.....1700 RPM

Engine.....SHUTDOWN and inspect for damage

If engine fails to start:

Throttle.....FULL OPEN

Mixture.....IDLE CUT-OFF

Cranking.....CONTINUE

Fire Extinguisher.....OBTAIN

Engine.....SECURE

- Master Switch.....OFF

- Ignition Switch.....OFF

- Fuel Selector.....OFF

Fire.....EXTINGUISH

Fire Damage.....INSPECT

ENGINE FIRE IN FLIGHT

Mixture.....IDLE CUT-OFF

Fuel Selector.....OFF

Master Switch.....OFF

Cabin Heat and Air.....OFF (except overhead vents)

Airspeed.....100 MPH, faster if necessary to extinguish fire

Proceed with **EMERGENCY LANDING WITHOUT ENGINE POWER**

ELECTRICAL FIRE IN FLIGHT

Master Switch.....OFF

Radio/Transponder.....OFF

Electrical Equipment.....OFF

Vents/Cabin Air/Heat.....CLOSED

Fire Extinguisher.....ACTIVATE

If fire appears out, and electrical power is necessary for continued flight:

Master Switch.....ON

Circuit Breakers.....CHECK, do not reset faulty circuit

Radio/Transponder.....OFF

Radio/Elec. Equipment.....ON, one at a time, with delay after each until short circuit is localized

Vents/Cabin Air/Heat.....OPEN, when it is ascertained that the fire is extinguished

CABIN FIRE

Master Switch.....OFF

Vents/Cabin Air/Heat.....OFF

Fire Extinguisher.....ACTIVATE

Land the airplane as soon as possible to inspect for damage.

WING FIRE

Navigation Light Switch.....OFF

Pitot Heat Switch.....OFF

Landing/Taxi light.....OFF

Perform a sideslip to keep the flames away from the fuel tank and cabin.

Land as soon as possible using flaps only as required for final approach and touchdown.

WARNING

**AFTER DISCHARGING AN EXTINGUISHER WITHIN A CLOSED CABIN,
VENTILATE THE CABIN**

