

EMERGENCY CHECKLIST

**C-182P
LN-BLU**

**BODØ
FALLSKJERMKLUBB**

REV. 31.12.2014

Emergency Checklist C-182 LN-BLU

Bodø Fallskjermklubb

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AIRSPEEDS

Engine failure after take off.....	Flaps UP.....	80 MPH
	Flaps Down.....	75 MPH
Landing without engine power.....	Flaps UP.....	80 MPH
	Flaps Down.....	75 MPH
Maximum glide.....		80 MPH
Maneuvering speed.....	2950 lbs.....	126 MPH
	2000 lbs.....	110 MPH

ENGINE & POWER FAILURE

ENGINE POWER LOSS DURING TAKE-OFF

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

ENGINE POWER LOSS IMMEDIATELY AFTER DURING TAKE-OFF

Nose down.....	80 MPH (Flaps UP)
	75 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	80 MPH
Carburator Heat.....	ON
Select proper landing area	
Fuel selector.....	BOTH
Propeller.....	High RPM (Fully forward)
Mixture.....	RICH
Ignition Switch.....	Both (or START if propeller is stopped)
Primer.....	IN and LOCKED
Restart fails.....	continue with EMERGENCY LANDING WITHOUT ENGINE POWER

Emergency Checklist C-182 LN-BLU

Bodø Fallskjermklubb

Rev. 31.12.2014

FORCED LANDING

EMERGENCY LANDING WITHOUT ENGINE POWER

Nose down.....**80 MPH (Flaps UP)**
75 MPH (Flaps DOWN)
Mixture.....**IDLE CUT-OFF**
Fuel Selector.....**OFF**
Ignition Switch.....**OFF**
Flaps.....**AS REQUIRED**
Master Switch.....**OFF**
Doors.....**UNLATCH PRIOR TO TOUCHDOWN**
Touchdown.....**SLIGHTLY TAIL LOW**
Brakes.....**APPLY HEAVILY**

PRECAUTIONARY LANDING WITH ENGINE POWER

Flaps.....**20°**
Airspeed**80 MPH**
Selected airfield.....**FLY OVER, nothing terrain and obstructions**
Avionics Power Switch.....**OFF**
Electrical Equipment.....**OFF**
Flaps.....**40° (on final approach)**
Airspeed.....**75 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 Seas – PARALLEL TO SWELLS

Flaps.....**30°-40°**
Power.....**ESTABLISH 300' pr. min RATE OF DESCENT AT 70 MPH**

Note:

If no power is available, approach at 80 MPH with flaps up or
at 70 MPH with flaps down

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**

Emergency Checklist C-182 LN-BLU

Bodø Fallskjermklubb

Rev. 31.12.2014

ELECTRICAL POWER FAILURE

AMMETER SHOWS EXCESSIVE RATE OF CHARGE(full scale deflection)

Alternator.....**OFF**
Alternator Circuit Breaker.....**PULL**
Non- Essential Equipment.....**OFF**
Flight.....**TERMINATE AS SOON AS PRACTICAL**

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

Avionics Power Switches.....**OFF**
Alternator Circuit Breaker.....**OFF**
Master Switch.....**OFF(Both sides)**
Master Switch**ON**
Low-Voltage light.....**CHECK OFF**
Avionics Power Switches.....**ON(One by one)**

If Low- Voltage Light illuminates again:

Alternator.....**OFF**
Non- Essential Equipment.....**OFF**
Flight.....**TERMINATE AS SOON AS PRACTICAL**

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**

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Rev. 31.12.2014

FIRE (Continued)

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**
Avionics Power Switch.....**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 Switches.....**OFF Avionics**
Power Switch.....**ON**
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**
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**

