

Fleet Canuck 80 Emergency Procedures

NOTES: Information is for reference purposes only. Use at own risk. For engine mod of 0-200A.

ENGINE FAILURE

T/O Run

Throttle IDLE
Brakesas necessary

If leaving runway:

Fuel Selector OFF
Elec/Bat/Alt OFF
Ignition/Mags OFF

After T/O - insufficient power

Land straight ahead
ThrottleFULL
Mixture FULL RICH
Carb Heat HOT
Fuel Selector ON
Mags L/R/BOTH

If not resolved:

Fuel Selector OFF
Elec/Bat/Alt OFF
Mags OFF

ENGINE PROBLEMS

Rough Running

Carb Heat HOT
Mixture RICH/LEAN
Fuel Selector ON
Primer LOCKED
Mags L/R/BOTH
Engine Gauges CHECK
Throttle/Mixtureas necessary
Land if does not improve

Loss of Oil Pressure (below green)

Oil Temp CHECK
If Temp OK
Land Nearest Suitable
Else If Temp Rising:
ThrottleMINIMUM
Land ASAP
Expect EMERG LDG

Restart in Air

Fuel Selector ON
Mixture FULL RICH
Throttle FULL
Mags ON BOTH
Ignition Switch ON
Throttle adjust as required
Mixture adjust as required

EMERGENCY LANDING

Set-up

Airspeed65 mph (9:1)
TrimFULL BACK
Select Field

Cause Check

Mixture FULL RICH
Carb Heat HOT
Fuel Selector ON
Primer LOCKED
Mag BOTH
Throttle FULL
Engine Gauges GREEN
Fuel Level CHECK

Restart

Ignition Switch ON
Throttle as required

MAYDAY call

Radio 121.5/126.7
Transponder 7700

Passenger Briefing

Security & Harness
Remove sharp objects
Unlatch Doors
Hand on belt release

Final approach

Airspeed 65 mph
MAYDAY CALL
Mixture OFF
Throttle CLOSE
Fuel Selector OFF
Mags OFF
Elec/Bat/Alt OFF

SPIRAL DIVE RECOVERY

Throttle OFF
Carb Heat HOT
Ailerons/Rudder level wings
Pull out pitch up to level flight
Power/Trimas necessary

SPIN RECOVERY

Throttle OFF
Rudder FULL Opposite
Ailerons/Elevator neutral
Rudder neutral when rotation stops
Elevator pitch forward to break stall
Ailerons wings level
Power add to prevent secondary stall

FIRE

Engine Start up on Ground

Mixture OFF
Throttle FULL/CRANK
Fuel Selector OFF
Elec/ Bat/Alt OFF
Ignition/Mags OFF
EVACUATE
EXTINGUISH

Engine during Flight

Cabin Air OFF
Cabin Heat OFF
Throttle CLOSE
Mixture OFF
Fuel Selector OFF
Sideslip (100mph) away from fire
DO NOT RESTART
EMERGENCY LANDING

Electric with Smoke on Ground

Elec/ Bat/Alt OFF
Throttle CLOSE
Mixture OFF
Ignition/Mags OFF
EVACUATE & EXTINGUISH

Electric with Smoke in Flight

Bat/Alt OFF
Cabin Air OPEN
Cabin Heat OFF
EXTINGUISH
Avionics OFF
Electrics OFF
Circuit Breakers CHECK
Bat/Alt ON
Avionics ON
Land ASAP

Cabin during Flight

Elec/ Bat/Alt OFF
Cabin Air OPEN
Cabin Heat OFF
EXTINGUISH
Land ASAP

ICING

Change Direction and Altitude
Move Control Surfaces

Carb Heat HOT
Cabin Heat ON

NOTE Errors:

Vstall increases
in Alt, Vias, VSI, Stall Warning

ELECTRIC FAILURE

Total Electric Failure

Circuit BreakersCHECK
Bat/Alt ON
If unsuccessful:
Alt Switch OFF
Non-essential electrics OFF
Land Nearest Suitable

Alt Failure or Low Voltage

AmmeterCHECK
Alt Switch CYCLE
Circuit BreakersCHECK
If unsuccessful:
Alt Switch OFF
Non-essential electrics OFF
Land Nearest Suitable

Excessive Charging

Alt Switch OFF
Alternator circuit breaker PULL
Non-essential electrics OFF
Land Nearest Suitable

OTHER FAILURES

Avionics Failure

Avionics CBCHECK
Avionics Switch CYCLE
Avionics CB PULL
Land Nearest Suitable

Radio

FrequencyCHECK
Mic KeyCHECK
SquelchCHECK
Headset ConnectionCHECK
IntercommCHECK
Transponder 7600

Static Obstruction

CorrectAltimeter & Airspeed

Door Open

Door open slightly, close hard
OK for Normal Landing
Vents CLOSED
Window OPEN