

**EMERGENCY CHECKLIST
CESSNA 182
(* memory items)**

ENGINE FAILURE DURING T/O

*Throttle..... Idle
*Brakes..... As require
*Wing Flaps..... Up
Mixture..... Cut off
Ignition..... Off
Master Switch..... Off
Checklist..... Complete

ENGINE FAILURE AFTER T/O

*Airspeed..... 70 KIAS
Mixture..... Cut off
Fuel Selector Valve..... Off
Ignition Switch..... Off
Wing Flaps..... As required
Master Switch..... Off
Checklist..... Complete

ENGINE FAILURE IN FLIGHT

*Airspeed..... 70 KIAS
*Mixture..... Rich
*Fuel Selector Valve..... Both
*Carb Heat..... On
*Ignition Switch..... Both
*Primer..... In/Locked
*Ignition (If propeller is stopped)..... Start
*Checklist..... Complete

LANDING W/O POWER

Airspeed (Flaps UP)..... 70 KIAS
Airspeed (Flaps DOWN)..... 65 KIAS
Fuel Selector Valve..... Off
Wing Flaps..... As required
Mixture..... Cut Off
Ignition Switch..... Off
Master Switch..... Off
Doors (prior to touchdown)..... Unlatch
Touchdown..... Slightly tail low
Brakes..... As required
Checklist..... Complete

PRECAUTIONARY LANDING

Airspeed..... 65 KIAS
Flaps..... Down 20°
Landing Area..... Select
Avionics Power Switch & Electrical..... Off
Wing Flaps (on final approach)..... Down 40°
Airspeed..... 65 KIAS
Master Switch..... Off
Doors (prior to touchdown)..... Unlatch
Touchdown..... Slightly tail low
Ignition switch..... Off
Brakes..... As required
Checklist..... Complete

FIRE DURING ENGINE START

*Ignition Switch..... Continue Cranking

If Engine Start:
Throttle (Couple of minutes)..... 1700 Rpm
Engine..... Shutdown

If Engine Does not Start:

*Ignition..... Continue Cranking
*Throttle..... Full
*Mixture..... Cut Off
Fire Extinguisher..... Obtain
Master Switch..... Off
Ignition Switch..... Off
Fuel Selector Valve..... Off
Fire..... Extinguish
Checklist..... Complete

ENGINE FIRE IN FLIGHT

*Mixture..... Cut Off
*Fuel Selector Valve..... Off
*Cabin Heat & Air..... Closed
*Wing Vents..... Open
*Airspeed..... 100 KIAS

See Landing W/O Power Checklist

ELECTRICAL FIRE IN FLIGHT

*Master Switch..... Off
*Avionics Switch..... Off
*All Other Switches..... Off
*Vents/Cabin Air/Heat..... Closed
*Fire Extinguisher..... Use
*Cabin..... Ventilate

If Fire is Out & Electrical is Needed:
Master Switch..... On
Circuit Breakers..... Checked
Radios & Electrical (One at a time)..... On
Vents/Cabin Air/Heat..... Open
Checklist..... Complete

CABIN FIRE IN FLIGHT

*Master Switch..... Off
*Vents/Cabin Air/Heat..... Closed
*Fire Extinguisher..... Use
*Cabin..... Ventilate
*Land..... ASAP
*Checklist..... Complete

WING FIRE IN FLIGHT

*Navigation Light..... Off
*Strobe Light (if installed)..... Off
*Pitot Heat (if installed)..... Off
*Side Slip (To keep flames away)..... Execute
*Land (With Flaps Up)..... ASAP
*Checklist..... Complete

DITCHING

Radio & Transponder..... Emergency
Heavy Objects..... Secure

Approach:
High Wings, Heavy Seas..... Into Wind
Light Wings, Heavy Swells..... Parallel to Swells
Wing Flaps..... Down 20° - 40°
Airspeed (300 ft/min descent)..... 60 KIAS
Doors..... Unlatch
Touchdown (300 ft/min descent)..... Level Attitude
Face..... Cushion
Airplane..... Evacuate
Life Vest & Raft..... Inflate
Checklist..... Complete

ICING

Pitot Heat (if installed)..... On
Altitude..... Adjust
Cabin Heat..... On
Throttle..... Increase
Carb Heat..... As required
Land..... ASAP
Scrape Windshield..... As required
Forward Slip (for visibility)..... As required
Wing Flaps..... Up
Airspeed (depending on ice)..... 80-90 KIAS
Landing Attitude..... Level
Checklist..... Complete

FLAT MAIN TIRE

Wing Flaps..... As required
Approach..... Normal
Touchdown..... Good tire First
Checklist..... Complete

OVER – VOLTAGE LIGHT ON

Avionics Switch..... Off
Master Switch (Alt & Batt)..... Off
Master Switch..... On
If Over – Voltage light illuminate again:
Flight..... Terminate
Checklist..... Complete

AMMETER SHOWS DISCHARGE

Alternator..... Off
Nonessential Electrical Equipment..... Off
Flight..... Terminate
Checklist..... Complete

AIRSPEEDS FOR SAFE OPERATION

Takeoff – Flaps Up

Rotation 55 KIAS
Short Field 57 KIAS

Enroute Climb – Flaps Up

Normal Climbout 85-95 KIAS
Best Rate (VY) 75 KIAS
Best Angle (VX) 60 KIAS

Landing Approach

Normal – Flaps Up 75 KIAS
Normal – Flaps 40° 65 KIAS
Short Field – Flaps 40° 60 KIAS

Balked Landing

Max Pwr – Flaps 20° 55 KIAS

Maximum Maneuvering Speeds

2950 lbs. 111 KIAS
2450 lbs. 100 KIAS
1950 lbs. 89 KIAS

Best Glide

Flaps UP 70 KIAS
Flaps DOWN 65 KIAS

Max Xwind (TO / LDG) 20 / 15 KIAS