

Vs.....	50 MIAS
VX.....	58 MIAS
VY.....	69 MIAS
VA.....	120 MIAS
VNO.....	120 MIAS
VNE.....	162 MIAS
Best Glide	65 MIAS

Citabria 7ECA

Emergencies & Abnormals

LAKE ELMO

AERO

Engine Fire-Start

Starter.....Continue Cranking
MixtureIdle Cut-Off
ThrottleOpen
Fuel Shutoff ValveOff

Engine Failure-Takeoff

AirspeedMaintain Safe Airspeed
LandStraight Ahead

If Sufficient altitude has been gained attempt to restart:

AirspeedMaintain Safe Airspeed
MixtureRich
Carburetor HeatOn

If power is not restored, proceed to
POWER OFF LANDING

Engine Failure-In Flight

Airspeed65 MIAS
Best Landing Site.....Locate
MixtureRich
Fuel Shutoff Valve.....On
Carburetor HeatOn
Engine GaugesCheck
PrimerCheck Locked
IgnitionCheck Both

If power is NOT restored proceed to
POWER OFF LANDING:

Power Off Landing

Airspeed65 MIAS
Best Landing SiteLocate
Passengers.....Prepare

If time and altitude permit:

Transponder 7700
Radios Transmit 121.5
ELT On

When committed to landing:

Throttle Idle
Mixture Idle Cut-Off
Fuel Shutoff Valve..... Off
Magnetos Off
Flaps.....Extend (time/altitude permitting)
Master Switch Off
Belts/Shoulder Harness Secure
Door.....Open
Approach Speed70 MPH

Engine Fire-Flight

MixtureIdle Cut-Off
Fuel Shutoff Valve.....Off
Master SwitchOff
ThrottleIdle
Fresh Air Vents/Windows.....Open
Panel Cabin Air/Heat/Defrost.....Closed
MagnetosOff

If fire extinguishes, proceed to
POWER OFF LANDING

If fire does not extinguish, proceed to
EMERGENCY DESCENT

Electrical Fire

Batt/Alt Master SwitchOff
Radio Master and All Electrical.....Off
Fresh Air Vents/Windows.....Open
Panel Cabin Air/Heat/Defrost.....Closed

If fire appears out and electrical power is necessary:

Batt/Alt Master Switch On
Radio/Electrical Equip---ON one at a time
Land As Soon as Practical

Emergency Descent

Throttle Idle
MixtureRich (unless fire)
Bank 30° – 45°
Airspeed.....120 MIAS

Alternator Failure

Prepare for
ELECTRICAL FIRE

All Non-Required Equipment.....Off
USB Charging Sockets.....Unplug
If required for safety of flight...
Alternator Master Switch.....Cycle Off/On

If Alternator is not restored, land as soon as practical.

Engine Roughness

Throttle.....2400 RPM
Carburetor Heat On
MixtureFull Rich
Engine Gauges Check
MagnetosCheck Individually

If operation is satisfactory on either magneto, continue on that magneto at reduced power and Full Rich mixture. Land as soon as practical.

If roughness continues, land as soon as possible.

Loss of Oil Pressure

Land as Soon as Practical

Prepare for
POWER OFF LANDING

Loss of Fuel Pressure

Fuel Shutoff Valve.....On
Mixture.....Rich
If pressure does not return, land as soon as practical.

Prepare for
POWER OFF LANDING.

High Oil Temperature

Altitude.....Level (stop climb)
Throttle.....2200 RPM
If temp does not go down, or continues to rise, land as soon as practical.
Prepare for
POWER OFF LANDING

Spin Recovery

Throttle Idle
Ailerons Neutral
Rudder Full opposite
(to the direction of rotation)
Yoke Full forward
Rudder Neutral
(when rotation stops)
YokeRecover from dive
ThrottleDo not exceed 162 MIAS

IN AN EMERGENCY

Call 911 FIRST if necessary for safety
Then call Lake Elmo Aero at 651-777-1399