

EMERGENCY PROCEDURES

Engine Failure

Airspeed (Vg)_____ 65 KTS
Locate Suitable Landing Area
Carburetor Heat_____ ON
Fuel Selector_____ ON
Mixture_____ FULL RICH
Throttle_____ ADJUST
Engine Gauges_____ CHECK
Primer_____ IN/LOCKED
Ignition Restart_____ Magnetos

- *Establish Spiral Over Landing Area
- *Radio – (121.50) MAYDAY
- *Transponder – 7700
- *Ignition – OFF
- *Electrical Equipment – OFF
- *Fuel Selector - OFF
- *Mixture – IDLE/CUT-OFF
- *Seatbelts – Tighten
- *Flaps – ON FINAL
- *Master Switch – OFF
- *Door – OPEN

Engine Roughness

Carburetor Heat_____ ON
Mixture_____ FULL RICH
Fuel Selector_____ ON
Engine Gauges_____ CHECK
Magnetos_____ L-R-BOTH

- *Land as Soon as Possible

Engine Fire on Start

Starter_____ CRANK
Mixture_____ IDLE/CUT-OFF
Throttle_____ OPEN
Fuel Selector_____ OFF
Abandon Aircraft

Engine Fire in Flight

Fuel Selector_____ OFF
Throttle_____ FULL AFT
Mixture_____ IDLE/CUT-OFF
Heater/Defroster_____ OFF
Windows/Doors_____ OPEN
Vents_____ OPEN

- *Emergency Descent Maneuver
- *Airspeed 111 KTS (blow-out)
- *Power-Off Landing

Electrical Fire

Electrical Equipment_____ OFF
Master Switch_____ OFF
Heater/Defroster_____ OFF
Vents_____ OPEN

- *Land as Soon as Practical

Alternator Failure

Electrical Load_____ REDUCE
ALT Switch_____ "OFF" then "ON"

- *Land as Soon as Practical

V – Speeds

Vne – Never Exceed 149 KTS
Vno – Max Cruise 111 KTS
Va - Maneuver Speed 98 KTS
Vfe – Max Flap Extend 85 KTS
Vy – Best Rate Climb 64 KTS
Vg – Best Glide 65 KTS
Vx – Best Angle Climb 55 KTS
Vr – Rotate Speed 50 KTS
Vs1 – Stall Speed Clean 40 KTS
Vs0 – Stall Speed Flaps 35 KTS

Calculate

Take-off/Landing Distances
Cruise Range
Fuel Burn
Useful Load
Weight & Balance

Useable Fuel – 24.5 gal

This checklist is provided for reference only and is not intended to be a substitute for the Pilot Operating Handbook.

Passenger Briefing

S – Seatbelts
A – Air Vents/Air Sickness
F – Fire Extinguisher
E – Exits
T – Traffic/Talking
Y – Your Questions

Pre-Taxi Briefing

- *Establish P.I.C. Responsibilities
- *Positive Exchange of Controls
- *Review Airport Diagram and Taxi Route
- *Read back Taxi Instructions and Hold Short Requirements
- *Observe Sterile Cockpit Procedure
- *Collision Avoidance Practices

Departure Briefing

- *Normal Departure

Emergency Brief

(While on Runway)

- *Power to Idle
- *Apply Brakes until Stopped

(After Liftoff)

- *Lower nose to Best Glide
- *Land ahead or within 30* to the right or left (altitude permitting)
- *At or above pattern altitude consider return to airport