Rev 1.3 05/18/2023	EMERGENCY PROCEDURES	(F) Flow) (D) Do Items

Left Column

(D) Descent/LET DOWN
Plan Descent - Utility Pg GTN 750
Airport Data - Chk GTN 750 & 696
Traffic - 696 to TCAS Pg
Comunitcate - If Applicable
Mixture - "Rich" As Required
Throttle - As Desired
Carberator Heat - As Required

(F) BEFORE LANDING
"GUMP Checks"
 G/Fuel - "Both"
 U /Gear - Down & Wielded
 M/Mixture - Set
 P /Prop - Fixed
ABEAM TOUCHDOWN ZONE
Throttle - 1500 RPM
Carb Heat - "HOT"/"ON"
Flaps - 20 Degrees <85Kts
Airspeed - 70Kts
BASE LEG
Ask on Base - High, Low, Fast or Slow
       Correct - Power &/or Flaps
Class G - Communicate Intent

Class B/C/D - Landing Clearance

(F) Balked Landing
Throttle - "Full"
Carburetor Heater - "Cold"
Attitude - Nose To The Horizon
Flaps - Retract to 20 Degrees
Airspeed - > 57 Kts IAS
Flaps - Retract Slowly
Class G - Communicate Intent

(F) Normal Landing
Within Touchdown Zone
On Centerline
Landing - Pwr Idle/As Reqd
Touchdown - Main Wheels 1st
LDNG Roll - Lwr Nose Gently
Braking - Min As Required

(D) After Landing
Trim - Reset to TO
Flaps - "UP"
Transponder - "Standby"
Carburator Heat - "COLD"
Lifghts - Set for Taxi
Class G - Communicate Intent

(D) Securing Aircraft
Parking Brake - "Set" As Rqrd
Music, Mixture, Mags, & Master
Avionics Master - "OFF" MUSIC
Mixture - "Idle Cutoff"   MIXTURE
Mags - Switch to "OFF"   MAGs
Master Switch - "OFF"   MASTER
Key - On Dash
Control Lock - "Install"

Middle Column

GENERAL
Climb - To Higher Altitude
Squawk - Appropriate Code
Communicate - Nearest Facility
    Or 121.5
Transmit Message Consisting of:
  If Distress - "MAYDAY" 3 times
  If Urgency - "PAN-PAN" 3 Times
   Name Station Being Addressed
   Identify Aircraft - N9637Q Ce-172M
   Nature of Distress/Emergency
   Present Weather Conditions
   Request and or Intentions
   Present Position and Heading
   Present Altitude
   Amount of Fuel Remaining
   Number of Souls on Board

(D) Alternator Troubleshoot
Master Switch - Cycle
Ammeter - Confirm Discharge
Electrical Load - Reduce
Land - As Soon As Possible

Special Codes & Frequencies
Code 7500 - Hijack in Progress
Code 7600 - Lost Communications
Code 7700 - EMERGENCY
Freq 121.5 - EMERGENCY

(D) LOST - VFR ONLY!
   Climb-Communicate-Confess-Comply
Climb - To Higher Altitude
Communicate - Nearest Facility
Confess - Admit You Are LOST!
Comply - With Instructions

No Communications
Frequency - Check
Volume - Check
Squelch - Check
Headphones - Check
Transponder - 7600
Patter - Enter & Look For Light Signals
Acknowledge Light Signals
  Day - Rock Wings
  Night - Flash Landing Lights

(F) Auto Pilot Check
   If intended to use for flight
Autopilot Switch - "ON"
Turn Cmnd Control - "Pull"
Turn Cmnd Control - "Rotate" L/R
Wheel moves in correct direction
Turn Command Control - "PUSH"
During Taxi - Yoke Opposite Dir.
Manual Override - Both Directions
Autopilot Switch - "OFF"

Right Column

ENGINE FAILURES

(F) After Takeoff
Fuel - "BOTH"
Mixture - "SET"
Carburator Heat - "ON"
Mags - "Both"
Restart attempt - "IF TIME EXIST"
NO TIME FOR RESTART \/\/\/\
Pitch - 70Kts IAS
Mixture - IDLE CUT-OFF
Fuel Selector - "OFF"
Ignition Switch - "OFF"
Flaps - "As Required"
Master - "OFF"
Door - "Ajar"
Landing Site - Locate
Troubleshoot/Restart - If Possible
Land - NO 180 Turns, Land Ahead

(F) During Flight
Pitch - 70 Kts IAS
Carburator Heat - "ON"
Fuel - "Both"
Mixture - "Rich"
Ignition Switch - "Start"
Primer - "Locked"
Landing Site - Locate
Code 7700 - EMERGENCY
Freq 121.5 - EMERGENCY

(D)/(F) Engine Fails To Restart
Pitch - 70Kts IAS
Communicate - 121.5 or Present Freq
Transponder - 7700
Seat Belts - Secure
Fuel - "OFF"
Mixture "IDLE CUTOFF"
Ignition Switch - "OFF"
Master Switch - "OFF"
Doors - Ajar
LNDG Assured Flaps - Up 61Kts
LNDG Assured Flaps - Up 66Kts
Touchdown - Slightly Tail Low
Brake - MAXIMUM
AC Stopped Evacuate - Meeting Point

FIRES

(F) Engine Fire During Flight
Mixture - IDLE CUT-OFF
FUEL SELECTOR VALVE - OFF
MASTER SWITCH - OFF
CABIN HEAT & AIR - OFF
OVERHEAD VENT - OPEN FULL
AIRSPEED - Accelerate >105Kts
DESCENT - IMMEDIATELY
60 Deg Bank 1G Spiral to land
GOTO-ENG FAILS TO RESTART
    Check List Above /\/\/\

(D)Electrical Fire During Flight
MASTER SWITCH - OFF
AVIONICS MASTER - OFF
VENTS ALL - CLOSED
LAND AT NEAREST SUITABLE AIRPORT

Light Gun Signals

Color	Type	Ground	Air
🟢🟢🟢	Steady	Cleared for Takeoff	Cleared to Land
🟢⚪🟢	Flashing	Cleared to Taxi	Return for Landing
🔴🔴🔴	Steady	Stop	Give way & continue to circle
🔴⚪🔴	Flashing	Clear Area of Landing	Airport Unsafe, Do Not Land
⚪⚪⚪	Flashing	Return to Start	N/A
🟢🔴🟢	Alternating	Exercise Extreme Caution	Exercise Extreme Caution

FIRST **N** FLIGHT