

EMERGENCY EMERGENCY EMERGENCY

Before Starting	
Walk Around	COMPLETE per POH
Weight & Balance	CHECK
Documents	A.R.O.W
Fuel	QUANTITY, SUMPED
Fluids	OIL, COOLANT
Checks/Tie-down	REMOVED
Doors	CLOSED, LOCKED
Seat Belts	FASTENED SECURELY
Ignition Key	OFF
Throttle	IDLE (BACK)
Switches	OFF (ALL DOWN)
Circuit Breakers	CHECK ALL IN
Parking Brake	ON

Brakes	While Taxiing CHECK OPS
Control Stick	SET FOR WIND DIR.
Run Up Area C.I.G.A.R.S.	
Controls (Flight)	FREE. CLEAR. CORRECT
Instruments	SET Altimeter
Gas	ON
Attitude	TRIM set for take-off
Radio	SET
Run Up	Oil Temp ABOVE 122 deg Parking Brake - Set 4000 RPM -300 drop-150 diff.
Safety	CHECK Eng Gauges, Carb Heat CHECK Idle Seat Belts ON. Doors LOCKED

Engine Start	
Master	ON
EMS	BOOTED
Hobbs	NOTED
Fuel Valve	OPEN
Fuel Pump	PULL ON For cold start
Choke	IDLE (BACK)
Throttle	ON
ACL	ON
Prop Area	CLEAR
Ignition Key	START
Idle	2000-2500 RPM
Oil Pressure	+ 29 PSI
Choke	OFF
Fuel Pump	OFF
Idle	MAX 2500rpm until + 122 deg oil temp

Lights	Before Entering the Runway ACL On POSITION LIGHTS On Night TAXI LIGHT As Needed LANDING LIGHT As Needed INSTRUMENT LIGHTS As Need GPS Display Back Light Set
Locks	Doors, Seat Belts, Baggage
Transponder	ALT. 1200
Check	Sweep the Panel Breakers, Switches, Instrmnts FUEL VALVE - OPEN FUEL PUMP - ON FLAPS - 15 deg PARKING BRAKE - OFF PATTERN - CHECK CLEAR

Before Taxi	
Avionics Master	ON
ACL	ON
Position Lights	ON Night
Landing Lights	AS NEEDED
Taxi Lights	AS NEEDED
Inst. Lights	AS NEEDED
Oil Heating Lever	AS NEEDED
Transponder	STAND BY
Radio	TUNE. Adj. Squelch Vol.
GPS	ENTER Flight Plan

Throttle	Cruise Climb
Cruise Climb	5300 rpm
Flaps	80 mph
Fuel Pump	0 deg.
Engine Gauges	1000 FT. AGL MONITOR

Throttle	Cruise Level
Trim	4800-5300 RPM
Engine Gauges	FOR LEVEL MONITOR
Oil Heat	AS NEEDED

Throttle	Cruise Descent
Trim	AS NEEDED
Carb Heat	AS NEEDED
Oil Heat	AS NEEDED

Fuel Pump	Pattern Entry
Throttle	ON
Flaps	3800
Trim	White Arc, 15 DEG.
Carb Heat	AS NEEDED
	AS NEEDED

Fuel Pump	Final Approach
Carb Heat	ON
Flaps	AS NEEDED
Air Speed	15-40 DEG. 60 - 63 mph

Throttle	Balked Landing
Carb Heat	FULL
Climb	OFF
Flaps	57 - 63 mph
Airspeed	Retract at safe altitude 72 - 76 mph

Fuel Pump	Post Landing
Flaps	OFF
Transponder	0 DEG. STBY

Avionics Switch	Shut Down
Lights/Fuel Pump	OFF
Master Switch	OFF
Throttle	ON
Ignition Key	BACK . IDLE
Master Switch	OFF; REMOVE KEY
Parking Brake	OFF
Fuel	AS NEEDED
	OFF

Engine Failure During Take Off	
Land	Ahead
Air Speed	59 mph
Throttle	OFF . PULL
Fuel Pump	OFF
Master Switch	OFF
Fuel Valve	OFF
Ignition	OFF
Doors	UNLOCK

Engine Failure During Flight	
Vglide	60 mph
Heading	EMERGENCY LANDING SITE
Fuel Pump	ON
Fuel Valve	OPEN . IN
Carb Heat	ON . PULL
Throttle	BACK . IDLE
Ignition	START
Choke	AS NEEDED

EMERGENCY POWER OFF LANDING	
MAYDAY	121.5
Vglide	60 mph
Short Final	45 mph
Flaps	40 DEG
Throttle	OFF . PULL
Fuel Pump	OFF
Master Switch	OFF
Fuel Valve	OFF
Ignition	OFF
Doors	UNLOCK

Engine Fire on Ground	
Fuel Valve	OFF
Throttle	OPEN FULL
Ignition	OFF
Master Switch	OFF
Extinguisher	USE

Engine Fire in Flight	
Fuel Valve	OFF
Throttle	OPEN FULL
Ignition	OFF
Master Switch	OFF
Vents	SHUT
Blow Out Fire	DIVE OR SIDE SLIP
Emergency Power Off Landing	PERFORM

Electrical Fire in Flight	
Master Switch	OFF
Vents	OPEN
Extinguisher	USE
Land	