

POWER LOSS IN FLIGHT

Airspeed	65MPH
Carb Heat	HOT
Fuel Valve	CHECK ON
Primer	CHECK LOCKED
Ignition	CHECK BOTH ON
Transponder	SQUAWK 7700
Radio	CALL MAYDAY

EMERGENCY LANDING

Throttle	CLOSE
Mixture	CUT OFF
Fuel Valve	OFF
Ignition	BOTH OFF
All Electrical	OFF
Door / Window	UNLATCH
Belts / Harnesses	SECURE

ENGINE FIRE

Mixture	CUT OFF
Fuel Valve	OFF
Ignition	BOTH OFF
All Electrical	OFF
Fire Extinguisher	USE

ELECTRICAL FIRE

All Electrical	OFF
Ignition	LEAVE ON
Air Vents/Windows	OPEN AS NECESSARY
Fire Extinguisher	USE

ALTERNATOR FAILURE

Master Switch	CYCLE ONLY ONCE
Nonessential equipment	TURN OFF

INITIAL

Fuel Quantity	CHECK
Oil Quantity	CHECK
Call for Fuel / Oil	AS REQUIRED
Paperwork	CHECK
Ignition	BOTH OFF
All Electrical	OFF
Master	ON
Lights	CHECK
Master	OFF
Fuel Valve	ON
Breakers	CHECK
Fuse Supply	CHECK
ELT	CHECK ARMED
Seat Belts	CHECK SECURE
Controls	RELEASE
Ties / Chains	REMOVE

PREFLIGHT

Fuel Caps / Drains / Vents

Engine / Oil / Belt

Prop / Air Filter

Windshield

Exhaust System

Stall Indicator

Surfaces / Controls

Tap Tail for Debris

Struts / Wing Root / Drain Holes

Pitot / Static Ports

Gear / Tires / Brakes / Springs

Antennas / Belly Drain

Ties / Chocks / Towbar

BEFORE STARTING

Fuel Sumps	ALL DRAINED
Fuel Quantity	VERIFY
Ties / Chains	CHECK REMOVED
Chocks	CHECK REMOVED
Prop	CHECK CLEAR
Fuel Caps	CHECK SECURE
Cowl Access	CHECK SECURE
Rear Belts	SECURE IF SOLO
WX / NOTAMs / TFRs	CHECK
Weight & Balance	CHECK
Headset	MONO / STEREO
Sunglasses	AS REQUIRED
ATIS / AWOS	LISTEN
Altimeter	SET
Departure Clearance	AS REQUIRED

PASSENGER BRIEF

Controls, Belts, Egress, No Smoking

START

Door	CLOSED
Seats	ADJUST
Avionics	OFF
Carb Heat	COLD
Mixture	RICH
Throttle	SLIGHT
Prime	AS REQUIRED
Brakes	HOLD
Stick	FULL AFT
Master	ON
Beacon	ON
Ignition	BOTH ON
Starter	ENGAGE
Throttle	1000RPM
Oil Pressure	25PSI IN 30SEC
Timer / Tracker	START
Mixture	LEAN

TAXI

Seat Belts	SECURE
Heat / Vents	AS REQUIRED
Avionics	ON
Transponder	ALT
ADS-B	ON
Taxi Clearance	AS REQUIRED
Brakes	TEST
Mixture	CHECK LEAN

TAKEOFF

Mixture	BEST POWER
Carb Heat	COLD
Transponder	ALT
Doors / Windows	CHECK
Landing Light	ON

RUN-UP

Flight Controls	FREE / CORRECT
Instruments	CHECK
Mixture	BEST POWER
Primer	LOCKED
Trim	SET TAKEOFF
Stick	FULL AFT
Throttle	1800RPM
Magnetos	175RPM / 50RPM
Carb Heat	TEST
Ammeter	CHECK
Oil Pressure	60 - 100 PSI
Oil Temperature	100F - 245F
Throttle	IDLE CHECK
Throttle	1000RPM

CRUISE

Oil Temp: 100 min, 180 desired, 245 max

Oil Pressure: 60 - 90 PSI

CHT: 400/435 continuous, 500 max

7ECA:

025 26/5.9@113 25/5.2@108 21/3.7@92

050 27/6.3@118 26/5.6@114 21/3.6@90

075 27/5.9@119 26/5.2@114 22/3.6@92

7GCAA:

025 26/8.5@126 25/7.6@121 20/4.0@90

050 26/8.7@126 26/7.1@121 20/3.8@88

075 27/8.1@130 26/7.3@125 20/3.6@84

Approach, N12345, over the XYZ VOR, request flight following to XXX, type NNN, altitude YYYY climbing/descending ZZZZ

LANDING

Fuel Quantity	CHECK
Brakes	CHECK FIRM
Mixture	BEST POWER
Belts / Harnesses	SECURE

AFTER LANDING

Carb Heat	COLD
Mixture	LEAN
Trim	SET TAKEOFF
Transponder	ALT 1200

WHAT ARE YOU FORGETTING?

Stratux, Cameras, iPad, Phone, Headset,
Jacket, Sunglasses, Checklists, Foggles,
Kneeboard, Timer, Charts, Passenger(s),
Litter, Tach Book, Radios

SHUTDOWN

Avionics	OFF
Mixture	CUT OFF
Ignition	BOTH OFF
Lights	ALL OFF
Master	OFF
Timer / Tracker	STOP

FINAL

Chocks	IN PLACE
Ties / Chains	SECURE
Flight Controls	SECURE
Hobbs Time	RECORD
Ignition	BOTH OFF
All Electrical	OFF
Windows / Vents	CLOSED
Cabin Door	LOCKED