NORMAL CHECKLISTS

01 PREFLIGHT

☐ Weather, route and alternates	REVIEW
☐ Fuel, weight and performance	VERIFY
☐ Chocks, covers and tie-downs	REMOVE
☐ Fuel quantity and sump samples	CHECK
☐ Oil, propeller and airframe	INSPECT
☐ Tires, brakes and flight controls	INSPECT
☐ Pitot and static openings	CLEAR

02 BEFORE START

☐ Seats, belts and harnesses	SECURE
☐ Parking brake	SET
☐ Fuel selector / shutoff valve	BOTH / OPEN
☐ Avionics buses 1 and 2	OFF
☐ Throttle	OPEN 1/4 INCH
☐ Mixture	IDLE CUTOFF
☐ Standby battery	TEST, THEN ARM
☐ Master and beacon	ON

03 ENGINE START

☐ Propeller area	CLEAR
☐ Cold engine priming	PRIME PER POH, PUMP OFF
☐ Ignition key	START, THEN RELEASE
☐ Mixture as engine fires	ADVANCE SMOOTHLY
☐ Throttle	SET LOW IDLE
☐ Oil pressure	VERIFY NORMAL

04 AFTER START / TAXI

☐ Avionics buses 1 and 2	ON
☐ G1000, altimeter and radios	SET
☐ Taxi clearance and lights	AS REQUIRED
☐ Parking brake	RELEASE
☐ Brakes and steering	CHECK

NORMAL CHECKLISTS

05 RUN-UP

☐ Parking brake and area ahead	SET / CLEAR
☐ Fuel selector	BOTH
☐ Throttle	1800 RPM
☐ Magnetos R and L	MAX DROP 150 / DIFF 50 RPM
☐ Magnetos after check	BOTH
☐ Engine and electrical indications	VERIFY NORMAL
☐ Throttle	CHECK IDLE

06 BEFORE TAKEOFF

☐ Doors, windows and belts	SECURE
☐ Flight controls	FREE AND CORRECT
☐ Trim	SET FOR TAKEOFF
☐ Flaps for normal takeoff	0-10 DEG
☐ Auxiliary fuel pump	OFF
☐ Mixture	RICH OR LEAN PER POH
☐ Runway, lights and transponder	CONFIRM / SET
☐ Takeoff clearance	OBTAIN AS REQUIRED

07 TAKEOFF / CLIMB

☐ Throttle	FULL
☐ Engine indications and airspeed	VERIFY NORMAL
☐ Nosewheel lift	55 KIAS
☐ Initial normal climb	70-80 KIAS
☐ Flaps	RETRACT AT SAFE ALTITUDE
☐ Enroute climb	70-85 KIAS

08 CRUISE

☐ Throttle and trim	SET
☐ Mixture	LEAN PER POH
☐ Engine instruments	MONITOR
☐ Fuel and endurance	REVIEW
☐ Route and weather	MONITOR

NORMAL CHECKLISTS

09 DESCENT / APPROACH

☐ Weather and runway	CONFIRM
☐ Altimeter and navigation	SET
☐ Fuel selector	BOTH
☐ Mixture	ADJUST FOR DESCENT
☐ Landing distance and speeds	REVIEW
☐ Belts and landing light	SECURE / AS REQUIRED

10 FINAL / LANDING

☐ Mixture	RICH PER POH
☐ Auxiliary fuel pump	OFF FOR NORMAL LANDING
☐ Flaps	SET WITHIN SPEED LIMITS
☐ Approach with flaps down	60-70 KIAS
☐ Approach and runway	VERIFY STABLE / CLEAR
☐ Touchdown and braking	MAIN WHEELS / AS NEEDED

11 AFTER LANDING

☐ Runway	VACATE
☐ Flaps	UP
☐ Lights and transponder	SET FOR TAXI
☐ Mixture	LEAN FOR TAXI AS REQUIRED

12 PARKING / SECURING

☐ Parking brake and throttle	SET / IDLE
☐ Avionics and electrical loads	OFF
☐ Mixture	IDLE CUTOFF
☐ Magnetos and key	OFF / REMOVE KEY
☐ Master and standby battery	OFF
☐ Fuel selector for parking	LEFT OR RIGHT
☐ Chocks, covers and tie-downs	AS REQUIRED