

### Before Start

Hobbs Time ..... RECORDED  
 Circuit Breakers, Alt Static, Alt Induction ..... CHECKED  
 CAPS Pin ..... REMOVED  
 Emergency Equipment ..... ON BOARD  
 Passengers ..... BRIEFED  
 Seats, Seat Belts, and Harnesses ..... ADJUST & SECURE  
 Air Conditioning ..... OFF

### Starting Engine

Battery 2 & 1 ..... ON / 23-25 VOLTS  
 Strobe Lights ..... ON  
 Fuel ..... QUANTITY CONFIRM / FULLEST TANK  
 Mixture ..... FULL RICH  
 Power Lever ..... FULL FORWARD  
 Fuel Pump ..... PRIME, then BOOST  
 Power Lever ..... OPEN ¼ INCH  
 Propeller Area ..... CLEAR  
 Ignition Switch ..... START

Power Lever ..... RETARD (to maintain 1000 RPM)  
 Oil Pressure ..... CHECK  
 Alternator 1 & 2 ..... ON / 28 VOLTS  
 Avionics Power Switch ..... ON  
 Fuel Pump ..... OFF  
 Mixture ..... LEAN for TAXI  
 Flaps ..... UP (0%)  
 Instruments / Annunciators / EMax ..... CHECK

### Taxiing

Brakes & Flight Instruments ..... CHECK

### Before Takeoff

Brakes ..... HOLD  
 Power Lever ..... 1700 RPM  
 Engine Gauges ..... CHECK  
 Pitot Heat / Nav Lights / Landing Light ..... ON  
*Verify both ALT 1 & ALT 2 caution lights out & positive amps indication for each alternator*  
 Voltage ..... CHECK  
 Magnetos ..... CHECK

*Max Drop: 150 RPM / Max Differential: 75 RPM / All EGTs Rise*

Power Lever ..... IDLE, THEN 1000 RPM  
 Autopilot ..... TESTED and "RDY"

PFD / Transponder / GPS / Radios / MFD	SET UP
Flight Controls	FREE & CORRECT
Trims	TESTED & SET
Fuel Pump	ON
Mixture	SET for Takeoff
Flaps	SET 50% & CHECK
Doors	LATCHED
Air Conditioning	OFF
Pitot Heat	AS REQUIRED

The procedures in this publication are abbreviated and derived from procedures in the FAA Approved AFM and POH. These procedures do not supersede the procedures in the basic POH. In the event of conflict, the basic POH shall take precedence.

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### Climb

Flaps ..... Confirm UP  
 Fuel Pump ..... AS REQUIRED  
 EMax ..... NORMALIZE  
 Mixture ..... LEAN AS REQUIRED  
 Engine Instruments ..... CHECK

### Cruise

Fuel Pump ..... OFF  
 Power ..... SET  
 Mixture ..... LEAN  
 Engine Instruments ..... MONITOR  
 Fuel Flow & Balance ..... MONITOR

Power before Leaning	Target LOP
75%	- 50°
70%	- 40°
≤ 65%	- 25°

### Before Landing

**G** Fuel System ..... CHECK  
**U** Brake Pressure ..... CHECK  
**M** Mixture ..... SET  
**P** Fuel Pump ..... BOOST  
**S** Seat Belts & Shoulder Harness ..... SECURE  
**L** Landing Light & PCL ..... ON  
 Air Conditioner ..... OFF

### After Landing

Fuel Pump ..... OFF  
 Mixture ..... LEAN for TAXI  
 Flaps ..... UP  
 Pitot Heat ..... OFF  
 Lights ..... AS REQUIRED  
 Flight Plan ..... CLOSE

### Shutdown

Air Conditioning ..... OFF  
 Avionics Switch ..... OFF  
 Mixture ..... CUTOFF  
 Magnetos ..... OFF, Key Out  
 Bat-Alt Master Switches ..... OFF  
 ELT ..... TRANSMIT LIGHT OUT  
 Chocks, Tie-downs, Pitot Cover, Cowl Plugs ..... AS REQ'D