

**Startup**

Master-**ON**  
 Seat Belts-**SECURE**  
 Fuel Quantity-**CHECK**  
 Fuel Totalizer-**SET**  
 Fuel Tank-**FULLEST**  
 Prop, Throttle, Mixture-**FULL FWD**  
 High Boost Pump-**ON FOR 5 SEC**  
 Throttle-**1/3 OPEN**  
 Starter-**ON MAX 30 SEC**  
 Oil Pressure-**CHECK > 10PSI**

**BEFORE TAXI**

Throttle/Mixture-**1000RPM, LEAN**  
 Alternator-**ON**  
 Avionics-**ON**  
 Lights-**AS REQ**  
 Pitot Heat-**AS REQ**  
 Transponder-**ON, ALT**  
 ATIS/Clearance-**OBTAIN**  
 Flight Plan-**LOAD**  
 Radios-**SET**

**BEFORE TAKEOFF**

Cabin Door-**SECURE**  
 Door Seal-**INFLATE**  
 Fuel Tank-**VERIFY FULLEST**  
 Flaps-**SET FULL DEFLECTION**  
 Trim-**SET TAKEOFF**  
 Prop/Mixture-**FULL**  
 Throttle-**1800 RPM, MAG CHECK**  
 Prop-**CYCLE**  
 Controls-**FREE**  
 Lights-**PULSE AND TAXI LTS ON**  
 Pressurization-**SET TO FIELD**  
**ELEV + 500**  
 Verify-Fuel, Flaps, Trim, Mixture,  
 Prop, Boost Pump, Seat Belts,  
 Door

**TAKEOFF**

Power-**38.5"/2700RPM/43GPH**  
 Engine Instruments-**GREEN,**  
**AIRSPED ALIVE**  
 Rotate-**85 KTS**  
 Gear-**RETRACT @ <120KTS**  
 Flaps-**RETRACT @ >120 KTS**

**CLIMB**

Prop-**2500 RPM**  
 Climb @ **160 KTS**  
 Fuel Pump-**LOW BOOST**  
**>10000FT**  
 Traffic-**SET BELOW**  
 Lights-**PULSE AND TAXI OFF**

**CRUISE**

Best Power-**31"/2500/16GPH**  
 Best Economy-**25"/2500/13GPH**  
 Mixture-**50 LOP**  
 CHTs-**<380F**  
 Rudder Trim-**ADJUST**

**DESCENT**

VNAV-**SET**  
 Descent Rate-**SET**  
 ATIS-**OBTAIN**  
 Frequencies-**SET TO**  
**DESTINATION APT**  
 Power-**MAINTAIN CRUISE POWER**  
**(PRESSURIZATION)**

**BEFORE LANDING**

Seat Belts-**SECURE**  
 Mixture-**FULL RICH**  
 Prop-**2500 RPM**  
 Landing light-**ON**

**TRAFFIC PATTERN**

18" Level & Clean-**150 KTS**  
 Midfield Downwind-**APPROACH**  
**FLAPS**  
 Abeam-**GEAR DOWN @ <150 KTS,**  
**HOLD 120KTS**  
 Base-**FULL FLAPS, 110 KTS**  
 Final-**100 KTS, 95KTS OVER**  
**NUMBERS**

**GO AROUND**

**PITCH** up  
**POWER** to full  
**FLAPS** retract 1st notch  
**GEAR** up  
**FLAPS** up

**INSTRUMENT APPROACH PROCEDURES**

**18", 150KTS**  
 2 Notches above Glidepath  
 intercept-**APPROACH FLAPS**  
 1 Notch Above Intercept-**GEAR**  
**DOWN**  
 GP Intercept-**14", 110KTS**  
 Missed Approach-**Pitch up/Power**  
**up, Gear up, Flaps up >120, OBS**  
**Button, CDI if on ILS**  
 ILS Approach-**SWITCH CDI TO**  
**VLOC WHEN ACTIVATING APP**

**Airspeeds**

Vfe: **174, 132**  
 Va-**170 kts**  
 Vle-**165 kts**  
 Vlo-**150 kts**  
 Vx-**110 kts**  
 Best Glide-**120 kts**