

Use at your own risk. The pilot must refer to the FAA approved documents for the correct information, and is responsible for safe operation of aircraft.

Cessna 172 v1.7	
BEFORE TAKEOFF Flaps UP • Carb Heat OFF • Transponder ALT Lights/Strobes ON • Headset ON	
TAKEOFF Normal: Rotate 60 mph Vy 91 mph (80 mph @ 10,000') Short/Soft: Flaps UP Vx 68 mph	
CRUISE CLIMB 90 mph BEST GLIDE 80 mph (flaps up)	
>1000' AGL Oil Pres/Temp • Ammeter • Vacuum	
CRUISE Max 75% power • Mixture LEAN for max RPM Heading Indicator SET Oil Press/Temp • Ammeter • Vacuum • Fuel Landing Light OFF	
LANDING Carb Heat ON Fuel BOTH • Mixture ENRICH Approach at 65-75 mph	
GO AROUND Full Throttle • Pitch up • Carb Heat OFF Flaps retract to 20° • <i>Climbing & above 65 mph</i> retract flaps	
AFTER LANDING Carb Heat OFF • Transponder SBY • Flaps UP Mixture LEAN for taxi	
SHUTDOWN Avionics/Lights OFF • Mixture OFF • Master OFF • Mags OFF Headset OFF • Flight Plan Closed • Control Lock Installed	
POSTFLIGHT Hobbs Time RECORD • Windows & Leading Edges CLEAN Wheel Chocks SET • Airplane LOCKED • Hangar SECURE Padlock Set 0000 • Lights OFF	
<i>CAS MPH</i>	
Vso	54
Vs1	61
Vfe	100
Va	112
Vno	145
Vne	182

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PREFLIGHT Hobbs Master – ON Flaps – 20° Fuel Gauges – Check Exterior Lights - CHECK Interior Lights - CHECK Master – OFF Baggage Door – LOCKED Tires Fuel Caps & Quantity Fuel Vents Oil level – 6 qts min Nose strut Static Port Wing Fuel Drains Engine Fuel Strainer	AFTER START Throttle – 1000 RPM Oil Pressure – CHECK Flaps – UP Mixture – LEAN FOR TAXI Avionics – ON Beacon – ON Nav Lights – As Required Transponder – STBY
START Seats – LOCKED Selt Belts – FASTEN Parking Brake – SET Fuel – BOTH Circuit Breakers – IN Avionics – OFF Mixture – RICH Carb Heat – COLD Prime – As Required Throttle – OPEN ½" Clear Prop Master – ON Engage Starter	RUNUP Doors & Windows – LATCHED Controls – Free & Correct Flaps – UP Trim – TAKEOFF Fuel – BOTH Mixture – FULL RICH Throttle – 1700 RPM Mixture – BEST POWER Vacuum – Check (4.6"-5.4") Mags (drop < 125, diff <50) Carb Heat – TEST Alternator – TEST Throttle – 1000 RPM Instruments – CHECK Seat Belts – CHECK COM – First Freqs NAV – First Freqs OBS – SET Charts & Log – READY Headset – ON
	SEE OTHER SIDE FOR BEFORE TAKEOFF CHECK