

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 152 v1.7	
BEFORE TAKEOFF:	Clearing circle for Pattern Traffic What is your ABORT Plan? • Flaps UP or 10° • Carb Heat OFF • Transponder ALT • Lights/Strobes ON • Headset ON
TAKEOFF	
Normal:	Rotate 50 kts Vy 67 kts (61 kts @ 10,000')
Short/Soft:	Flaps 10° Vx 54 kts (59 kts @ 10,000')
CRUISE CLIMB	70-80 kts
BEST GLIDE	60 kts (flaps up)
>1000' AGL	• Oil Pres/Temp • Ammeter • Vacuum
CRUISE	• Max 75% power • Mixture LEAN for max RPM • Heading Indicator SET • Routinely Check Gauges: • Oil Press/Temp • Ammeter • Vacuum • Fuel • Landing Light OFF
LANDING	• Carb Heat ON • Mixture ENRICH Approach at 55-65 kts
GO AROUND	• Full Throttle • Pitch up • Carb Heat OFF • Flaps retract to 20° • <i>Climbing</i> & <i>above 55 kts</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 • Seat Belts SECURE • Interior CLEAN • Airplane LOCKED • Flight Log ENTERED • Flight Plan CLOSED • Hangar SECURE • Padlock Set 0000 • Lights OFF
CAS KTS	Recommended Pattern Speeds/ Approx Pwr Settings
Vso 35	Downwind : 80 - 85 Kts 2000 RPM
Vs1 40	Abeam: 70 - 75 Kts 1500 RPM
Vfe 85	Base: 65 - 70 Kts 1500 RPM
Va 1670 104	Final: 55 - 60 Kts 1500 RPM
Va 1500 98	(Full Flaps - No Flaps)
Va 1350 93	
Vno 111	
Vne 149	

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PREFLIGHT	Gust Lock - REMOVED Hobbs - Recorded. Enter flight into Flight Log System Master - ON Flaps - 20° Fuel Gauges - CHECK Exterior Lights - CHECK Interior Lights - CHECK Master - OFF Tires/Brakes - Press/Leaks (Main 21 psi - Nose 30 psi) Fuel Caps & Quantity Fuel Vents Oil level: 4 MIN / 5 MAX Qts. Nose strut Static Port Wing Fuel Drains Engine Fuel Strainer
AFTER START	Throttle - 1000 RPM Oil Pressure- in green < 30 seconds Flaps - UP Mixture - LEAN FOR TAXI Avionics - ON Beacon - ON Nav Lights - As Required Transponder - STBY
RUNUP	Doors & Windows - LATCHED Controls - FREE & CORRECT Flaps - UP Trim - TAKEOFF Fuel - ON Throttle - 1700 RPM Mixture - BEST POWER Vacuum - Check (4.6"-5.4") MAG TEST: Note: Electronic Ignition on L mag. Drop will be different (R < 150 rpm, L < 50 rpm) When switching R to Both there will be a slight loss of power, this is normal. Switch mag positions quickly to minimize momentary loss of power. Carb Heat - TEST Alternator - TEST Throttle - 1000 RPM Instruments - CHECK Seat Belts - CHECK COM - First Freqs 122.7 KMAN NAV - First Freqs OBS - SET Charts & Log - READY Headset - ON
START	Seats - LOCKED Seat Belts - FASTEN Brakes - SET Passenger Briefing Fuel - ON Circuit Breakers - IN Avionics - OFF Mixture - RICH Carb Heat - COLD Prime - As Required (max 3) Throttle - Open 1/2 Inch Clear Prop Master-ON, Electronic Mag -ON Engage Starter - (max 20 sec crank if no start) Make sure Electronic Mag Switch is ON
SEE OTHER SIDE FOR BEFORE TAKEOFF CHECK	Emergency: Com 121.5 / Squawk 7700 Loss Com. Squawk 7600 Flight Watch: 122.0 FSS BOI: 122.2 / 122.6 KMAN ASOS:118.325 KEUL ASOS :135.07 KBOI ATIS:123.9 Big Sky App/Dep: North 126.9 / South 119.6 BOI Twr 118.1 / Gnd 121.7