

Before Starting Engine

(C-152/C-172)

Preflight inspection..... complete
Seats, belts, harnesses..... adjusted & locked
Fuel shutoff valve..... on
Radios, electrical equipment..... off
Circuit breakers..... check-in
Breaks..... hold

Starting Engine

Mixture..... full rich
Carburetor heat..... cold
Prime..... as required (2 times)
Throttle..... open ½ inch
Prop area..... clear visually
Master switch..... on
Beacon..... on
Prop area..... clear orally
Ignition switch..... start
Throttle..... adjust 900rpm
Oil pressure..... check

Before Taxi

Flaps..... up
Mixture..... lean for taxi
A.T.I.S..... obtain then set GND
Heading indicator..... set & note wind
Transponder..... standby & set code
Breaks..... check first 10 feet

Before Takeoff

Breaks..... hold for run-up
Doors and windows..... closed & latched
Flight controls..... free & correct
Flight instruments..... set & checked
Fuel shutoff valve..... confirm on
Mixture..... full rich
Elevator trim..... set for takeoff
Throttle..... 1700rpm
 Suction gauge..... check
 Magnetos..... check (125 max drop)
 Engine gauges..... check
 Carburetor heat..... check for RPM drop
 Ammeter..... check
Throttle..... 900rpm
 Carburetor heat..... check for RPM drop
Transponder..... set code, ALT, TEST
Radios..... set

C-172 Checklist

Before Landing

A.T.I.S..... obtain then set GND
Fuel shutoff valve..... on
Flaps..... up
Mixture..... full rich
Landing light..... on
Magnetos..... both
Prime..... locked
Normal Approach..... 65 KIAS
Short/Soft Field Approach..... 60 KIAS

After Landing

Flaps..... up
Carburetor heat..... off
Lights..... as required
Mixture..... leaner for taxi
Transponder..... off

Shutdown

Breaks..... hold
Radios, electrical equipment..... off (except beacon)
Mixture..... idle cut off
Ignition switch..... off
Beacon..... off
Master switch..... off
Control lock..... install
Post flight inspection..... complete

Speeds (KIAS)

V _r	59	V _{s1}	47	V _a	97	V _{glide}	65
V _x	59	V _{s0}	41	V _{no}	128		
V _y	73	V _{fe}	85	V _{ne}	160		