

Normal Checklist (Use only with approved Cessna checklist)

BEFORE ENGINE START CHECKLIST

Preflight.....Complete
Fuel Drain Tool.....Stow
Passenger briefing.....Complete
Seats.....Adjust and Lock
Seat Belt & Harness.....On
Cowl Flaps.....Open
Brakes.....Set
Avionics.....Off
Circuit Breakers.....In
Fuel Selector Valve.....Both
Beacon Light.....On

ENGINE START CHECKLIST

Mixture.....Full Rich
Carburetor Heat.....Cold
Propeller.....High RPM
Prime.....2-6 Strokes if Cold
Throttle.....Open 1/4 Inch
Master.....On
Propeller Area.....Clear
Ignition.....To Start
Engine RPM.....800-1000
Oil Pressure.....In Green

BEFORE TAXI CHECKLIST

Flaps.....Up
Avionics.....On
NAV lights.....(Sunset-Sunrise) On
ATIS.....Listen and Copy
Brakes.....Release and Test
Communication.....GRD or CTAF
Transponder.....Set ALT for Taxi

BEFORE TAKEOFF (RUNUP) CHECKLIST

Brakes.....Set
Flight Instruments.....Set
Engine Instruments.....In Green
Avionics.....Set properly for Flight
Fuel Selector Valve.....Both
Cowl Flaps.....Open
Mixture.....Rich
Throttle.....1700 RPM
Magnetos.....Check Left and Right

NOTE:

Max drop during mag. check is 150 RPM & within 50 RPM of each other.

Propeller.....Cycle, then High RPM
Carburetor Heat.....On, Check Operation, then Off
Engine Instruments.....In Green
Ammeter.....Check
Suction Gage.....Green Arc
Throttle.....800 - 1000 RPM
Throttle friction lock.....Adjust
Elevator/Rudder Trim.....Set for Takeoff
Flight Controls.....Free & Correct
Doors & Windows.....Closed & Locked
Transponder.....,,Proper Code & ALT
Lights.....Strobes and Landing Lights On
Pitot Heat.....As Required
Takeoff Briefing.....Engine Failure Actions
Brakes.....Release

AT TAKEOFF

Flaps.....Up
Carburetor Heat.....Cold
Throttle.....Set Full Power, 2600 RPM
Mixture.....Rich
Airspeed.....Rotate at 60 MPH
Climb Speed, V_y.....90 MPH

CLIMB Checklist

Throttle.....Full Power
Mixture.....Rich
Trim.....Set for Climb
Airspeed.....V_x 70 MPH / V_y 90 MPH
Cruise Climb.....23" & 2450 RPM/110 MPH

CRUISE CHECKLIST

Power.....Set per Owner's Manual Charts
Mixture.....Lean
Trim.....Set
Landing Light.....Off, On in Practice Area
Cowl Flaps.....As Required

DESCENT / LET-DOWN

ATIS.....Listen and Copy
Altimeter.....Set
Power.....Set as Desired
Carburetor Heat.....As Required
Flaps.....As Desired
Trim.....As Required
Cowl Flaps.....Closed
Mixture.....Rich, as Required
Avionics.....Set

BEFORE LANDING

Seats, Seat Belts.....Secure
Fuel Selector Valve.....Both
Mixture.....Rich
Propeller.....Slowly to High RPM
Carburetor Heat.....Full On Before Closing Throttle
Landing Light.....On

LANDING

Flaps 0°-10°.....Below 160 MPH
Flaps 10°-40°.....Below 110 MPH
Normal App.....70-80 MPH

GO AROUND

Throttle.....Full Power, 2600 RPM
Carburetor heat.....Cold
Flaps.....Immediately 20°, then Up in Climb
Climb speed.....85 MPH
Cowl Flaps.....Open

AFTER LANDING

Flaps.....Up
Carburetor Heat.....Off
Lights.....Strobes and Landing Light Off
Cowl Flaps.....Open

SHUTDOWN

Avionics.....Off
Throttle.....800-1000 RPM
Mixture.....Idle Cut-Off
Magnetos.....Off - Key on Dash
Master Switch.....Off
Control Wheel Lock.....Install
Hobbs & Tach.....Record
Tie Downs.....Install