

**NORMAL CHECKLIST CESSNA
182**

AIRCRAFT ACCEPTANCE

Maintenance Status.....Check
Emergency & Safety Equipment.....Check
Tachometer.....Record
Hobbs meter.....Record
Documents.....Check
Checklist.....Complete

PREFLIGHT INSPECTIONS

Cabin

Aircraft acceptance check.....Complete
Control lock.....Remove
Avionics Power Switch.....Off
Ignition Switch.....Off
Master Switch.....On
Fuel Gauges.....Check
Lights.....Check
Alternate Static Source.....Off
Wing flaps.....Down
Master Switch.....Off
Fuel Selector Valve.....Both
Baggage Door.....Check

Empennage

Elevator & Rudder.....Check
Tie Down.....Remove

Right Wing

Fuel drain.....Check
Strut, tire & brake.....Check
Aileron & wing flaps.....Check

Right wing leading edge

Tie down & chock.....Remove
Leading edge & wing tip.....Check
Fuel level.....Check

Nose

Windshield.....Check
Static source.....Check
Propeller & Spinner.....Check
Landing Light.....Check
Air Filter.....Clear
Nose wheel & strut.....Check
Chock.....Remove
Engine oil.....Check
Fuel strainer.....Check
Static source.....Check

Left wing leading edge

Fuel level.....Check
Pitot tube.....Check
Tie down & chock.....Remove
Fuel vent.....Open
Stall warning Vane.....Check
Leading edge & wing tip.....Check

Left wing

Strut, tire & brake.....Check
Wing flap & aileron.....Check
Fuel drain.....Check
Preflight inspection checklist.....Complete

STARTING ENGINE

Aircraft acceptance check.....Complete
Preflight inspection checklist.....Complete
Cabin door.....Close
Seats, belts & harnesses...Adjust & secure
Brakes.....Set
Avionics Power Switch.....Off
Circuit breakers.....All in
Cowl Flaps.....Open
Fuel Selector valve.....Both
Mixture.....Rich
Beacon.....On
Master switch.....On
Auxiliary Fuel pump.....On
Throttle.....Advance to obtain 8-10 gal/hr
Auxiliary Fuel pump.....Off
Propeller.....High Rpm
Throttle.....Open 1/8 inch
Propeller area.....Clear
Start switch.....Start
Throttle (800-1000 rpm).....Set
Oil pressure.....Checked
Throttle friction lock.....Adjusted
Wing flaps.....Up
Radios.....Set & checked
Checklist.....Complete

BEFORE TAXI

Taxi light.....On
Taxi Area.....Clear
Brakes.....Release
Checklist.....Complete

TAXI CHECK

Brakes & Steering.....Check
Instruments.....Check
Checklist.....Completed

BEFORE TAKEOFF

Brakes.....Set
Taxi light.....Off
Doors.....Closed & Latched
Flight Controls.....Free & correct
Fuel Selector Valve.....On
Elevator Trim.....Takeoff
Mixture.....Rich
Throttle.....1700 RPM
Suction Gauge.....Check
Engine Instruments & ammeter.....Check
Magnetos.....Check
Propeller.....Chek
Carb Heat.....On
Idle.....Check
Carb heat.....Off
Throttle (800 – 1000 rpm).....Set
Wing Flaps.....0 -20* (20* STO)
Flight Instruments.....Check & set
Departure Briefing.....Complete
Lights.....On
Brakes.....Release
Checklist.....Complete

LINE UP & take off

Mixture.....Rich
Carb Heat.....Off
Landing Light.....On
Heading Indicator/Compass.....Check
T/O Time.....Note
Checklist.....Complete
*Lift nose wheel.....50 KIAS
*Climb normal.....70 KIAS Fdo, 80 KIAS Fup
Climb sfto (flaps 20).....57 KIAS

CLIMB

Wing Flaps.....Up (after 70 KIAS)
Power.....25 inHg & 2500 RPM
Engine Instruments.....Check
Landing Light.....Off
Airspeed.....85-95 KIAS
Cowl Flaps.....Full Open
Checklist.....Complete
*Max performance climb.....78 KIAS

CRUISE

Power.....15 – 23 Hg, 2100 – 2400 RPM
Mixture.....Lean
Cowl Flaps.....Closed
Heading Indicator/Compass.....Check
Checklist.....Complete

POWER SETTINGS

	75% POWER	65% POWER	55% POWER
Alt ft	RPM/mp-TAS	RPM/mp-TAS	RPM/mp-TAS
4000	24 / 22-139	22 / 22-131	21 / 20-121
6000	24 / 22-143	22 / 21-133	21 / 19-121
8000	24 / 21-144	22 / 20-135	21 / 19-125
10,000	24 / 20-143	22 / 20-137	21 / 19-128
12,000	24 / 18-140	22 / 18-129	21 / 16-114
Standard Conditions			Zero Wind

BEFORE LANDING

Seats, Belts & Harnesses...Adjust & Secure
Fuel Selector Valve.....On
Mixture.....Rich
Carb Heat.....On
Propeller.....High Rpm
Landing Light.....On
Approach speed.....65-55 KIAS
Wing Flaps.....As required
Checklist.....Complete

GO AROUND

Throttle.....Full power
Carb Heat.....Off
Wing Flaps.....Retract prior Position
Airspeed.....55 KIAS
Flaps.....Retract
Checklist.....Complete

AFTER LANDING

Landing Light.....Off
Flaps.....Up
Carb Heat.....Off
Cowl Flaps.....Open
Throttle (800-1000 RPM).....Set
Landing Time.....Note
Checklist.....Complete

PARKING

Brakes.....Set
Radios, Electrical & Lights.....Off
Avionics Switch.....Off
Mixture.....Cut off
Ignition Switch (After Prop Stop).....Off
Master Switch.....Off
Brakes.....Release
Control Lock.....Install
Tachometer & Hobbs Meter.....Record
Checks & Pitot Cover.....Set
Checklist.....Complete

