

C182P NORMAL CHECKLIST

PREFLIGHT

Tach/Hobbs.....RECORD
Cabin Documents.....AROW
Ignition.....OFF
Fire Extinguisher.....CHECK
Fuel Selector.....L, R, BOTH
Cowl Flaps.....OPEN
Trim.....TAKEOFF
Control Lock.....REMOVE
Master.....ON
Beacon.....ON
Lights.....CHECK
Flaps.....DOWN
Fuel Gauges.....QUANTITY CHECK
Master Switch.....OFF

EXTERIOR

Fuel Sumps.....DRAIN & CHECK
Fuel Tanks.....QUANTITY CHECK
Wing Top Surface.....CHECK

Fuselage

Baggage Door.....LOCKED
Fuselage Surface.....CHECK

Empennage

Horiz. Stabilizer.....CHECK
Elevator.....FREE & SECURE
Rudder.....FREE & SECURE
VOR Antenna.....CHECK
Trim Tab.....SECURE
Left Fuselage Surface.....CHECK
ELT.....CHECK

Right Wing

Right Flap.....CHECK
Right Aileron.....FREE & SECURE
Nav/Strobe Lights.....**UNBROKEN**
Wing Leading Edge.....CHECK
Main Tire & Brake.....WEAR

Nose

Right Static Port.....CLEAR
Cowling Surface.....CHECK
Cooling Inlets.....CHECK
Exhaust Pipe.....CHECK
Prop & Spinner.....CHECK
Engine Baffles.....CHECK
Carb Air Filter.....CLEAR
Landing Light.....UNBROKEN
Nose Wheel & Strut.....WEAR
Oil Filler Cap.....SECURE
Oil Quantity.....CHECK
Fuel Strainer.....DRAIN 4 SECONDS
Left Static Port.....CLEAR
Windshield.....CLEAN

Left Wing

Wing Leading Edge.....CHECK
Pitot Tube.....CLEAR
Fuel Vent.....CLEAR
Stall Warning Horn.....CHECK
Nav/Strobe Lights.....**UNBROKEN**
Left Aileron.....FREE & SECURE
Left Flap.....CHECK
Main Tire & Brakes.....CHECK

ENGINE START

Preflight.....COMPLETE
Passenger Briefing.....COMPLETE
Seats, Belts, Harness.....SECURED
Fuel Selector.....BOTH
Cowl Flaps.....OPEN
Avionics.....OFF
Mixture.....1/2
Propeller.....FULL
Carburetor Heat.....OFF
Circuit Breakers.....IN
Carbon Monoxide Detector.....ON
Propeller Area.....CLEAR
Master Switch.....ON
Brakes.....HOLD
Ignition.....START
Throttle.....1000 RPM
Oil Pressure.....CHECK (w/in 30 sec.)
Mixture.....VERIFY 1/2
Avionics.....ON
Transponder.....STANDBY
Flight Instruments.....CHECK & SET
Flaps.....UP & VERIFY
Radios.....SET
WX.....CHECK

TAXI

Brakes.....TEST
Instruments.....CHECK

FOULED SPARK PLUG

Throttle.....2000 RPM
Mixture.....Lean until RPM Peak,
Lean further until 50 RPM drop
Engine.....Run for 30 sec.
and try normal runup again

C182P NORMAL CHECKLIST

RUNUP

Brakes.....HOLD
Flight Controls.....FREE & CORRECT
Annunciators.....CHECK
Fuel Selector.....BOTH
Cowl Flaps.....OPEN
Trim.....TAKEOFF
Mixture.....1/2
Throttle.....1700 RPM
Mixture.....LEAN
Propeller.....CYCLE
Carb Heat.....ON, RPM DROP, OFF
Vacuum.....CHECK
Magnetos.....R, L, (150/50)
Engine Gauges & Ammeter.....CHECK
Throttle.....1000 RPM
Throttle Friction.....SET
Doors & Windows.....LOCKED
Takeoff Briefing.....COMPLETE

PRE-TAKEOFF

Landing Lights.....ON
Transponder.....ALT
Flaps.....0° to 20°

TAKEOFF

Throttle.....FULL
RPM, MP, Engine Gauges.....CHECK
Rotate - Vr.....60 MPH
Climb Speed- Vy.....90 MPH
Flaps.....UP (at 300ft.)

CRUISE CLIMB

Speed.....100-110 MPH
Power.....2450 RPM
Cowl Flaps.....OPEN
Engine Gauges.....CHECK

CRUISE

Throttle.....17" of MP
Propeller.....2300 RPM
Mixture.....LEAN
Cowl Flaps.....CLOSE
Instruments/ Gauges.....CHECK
Landing Light.....OFF

DESCENT

Power.....AS DESIRED
Mixture.....ENRICH as required
Carburetor Heat.....AS REQUIRED
Cowl Flaps.....CLOSE

BEFORE LANDING

Radios.....SET
WX.....CHECK
Approach Briefing.....COMPLETE

CCGUMPS

Carburetor Heat.....ON
Cowl Flaps.....CLOSED
Fuel Selector.....BOTH
Mixture.....SET
Seatbelts and Switches.....ON
(Abeam touchdown point)

Propeller.....HIGH RPM
Flaps.....10°, 90 MPH

LANDING

Base.....FLAPS 20°, 80 MPH
Final.....80-75 MPH
Flaps 40°.....70 MPH

GO AROUND

Power.....FULL
Carb Heat.....OFF
Flaps.....RETRACT TO 20°
Cowl Flaps.....OPEN
Pitch.....80 MPH
Flaps.....UP (at safe alt and speed)

AFTER LANDING

Cowl Flaps.....OPEN
Flaps.....UP
Mixture.....LEAN
Transponder.....STANDBY
Carburetor Heat.....OFF
Landing Lights.....OFF

SHUTDOWN

Throttle.....IDLE
Avionics.....OFF
Mixture.....IDLE cutoff
Ignition.....OFF
Master.....OFF
Fuel Selector.....LEFT or RIGHT

SECURING

Control Lock.....INSTALL
Tach/Hobbs.....RECORD
Trash.....REMOVE
Pitot Cover.....INSTALL
Tie-Downs/Chocks.....SECURE
Doors/Windows.....LOCKED

CESSNA 182P EMERGENCY CHECKLIST

ENGINE FAILURE AFTER T/O

Throttle.....IDLE
Flaps.....CRUISE
Brakes.....AS REQUIRED

ENGINE FAILURE- RWY REM.

Airspeed.....70 MPH
Flaps.....LANDING

ENGINE FAILURE IN FLIGHT

Airspeed.....80 MPH, FLAPS UP
Fuel Selector.....BOTH
Mixture.....RICH
Carburetor Heat.....ON
Primer.....IN & LOCKED
Master Switch.....ON
Ignition.....BOTH/START
If propeller is spinning- BOTH
If propeller has stopped- START

FORCED LANDING

Airspeed.....80 MPH
Propeller.....FULL RPM
Landing Site.....IDENTIFY
Communicate*.....MAYDAY, 121.5
Squawk.....7700

Before Touchdown

Mixture.....IDLE CUT OFF
Fuel Selector.....OFF
Ignition Switch.....OFF
Seat Belt and Harness.....TIGHT
Flaps.....AS REQUIRED
(full flaps 70 mph)
Master Switch.....OFF
Cabin Doors.....UNLACH
*(When calling on 121.5 say your last known position number of people on board, how much fuel, and what kind of emergency).

PRECAUTIONARY LANDING W/ POWER

Airspeed.....75 MPH
Flaps.....20° Selected
Field.....FLY OVER
Flaps.....UP (at safe alt and speed)
DW-Electrical Switches.....OFF
Flaps.....FULL (on Final)
Airspeed.....75 MPH Master
Switch.....OFF Cabin
Doors.....UNLATCH
Ignition.....OFF
Touchdown.....SLIGHTLY TAIL LOW
Elevator.....FULL AFT
Brakes.....APPLY HEAVILY

ENGINE FIRE ON THE GROUND

Cranking.....CONTINUE
If Engine Starts:
Power.....1700 RPM FEW MIN.
Engine.....SHUTDOWN

If Engine Fails to Start:

Throttle.....FULL
Mixture.....IDLE CUTOFF
Cranking.....CONTINUE
Master.....OFF
Ignition Switch.....OFF
Fuel Selector.....OFF

ENGINE FIRE IN FLIGHT

Mixture.....IDLE CUTOFF
Fuel Selector.....OFF
Cabin Heat.....OFF
Master Switch.....OFF
Airspeed.....100 MPH or MORE
Forced Landing.....EXECUTE

CABIN FIRE

Master.....OFF
Vents/Cabin Air/Heat.....CLOSED
Fire Extinguisher.....ACTIVATE
Land ASAP

WING FIRE

Pitot Heat.....OFF
Navigation Lights.....OFF
Strobe Lights.....OFF
Slip Away from Fire

ELECTRICAL FIRE- GROUND

Master Switch.....OFF

ELECTRICAL FIRE IN FLIGHT

Master.....OFF
Avionics.....OFF
Vents/Cabin Air/Heat.....CLOSED
Fire Extinguisher.....ACTIVATE
If Fire out and electrical needed:
Circuit Breakers.....CHECK
Master.....ON
Avionics*.....ON
***(One At A Time)**
Vents/Cabin Air/Heat.....OPEN

ALTERNATOR FAILURE

Master Switch.....Cycle
Ammeter.....Confirm Discharge
Electrical Load.....Reduce/Land

GENERAL INFORMATION

TAKEOFF BRIEFING

Rwy in Use___ Winds___ X-Wind___
Takeoff Distance___ Runway Available___
Rotate Speed___ Climb out Speed___ ROC___
Departure___ Altitude___

ENGINE FAILURE:

Before Rotation
Runway Remaining
Below 1,500 AGL
Above 1,500 AGL
-Do not attempt to turn back to the field without at least 1,500 feet AGL.
-Memory items will be as required and hold all checklists under 1,500' feet AGL.

APPROACH BRIEFINGS-

Rwy in Use___ Winds___ X-Wind___
Type of landing___ Landing distance___

V-SPEEDS

Vr	60	Va	126
Vx	70	Vne	198
Vy	90	Vno	160
Vs	68	Vfe 10°	160
Vs1	63	Vfe 20°-40°	110
X wind	15	Best Glide	80

AIRCRAFT INFORMATION

Usable Fuel: 79 gal (474 lbs)
Oil: 12 quarts, 9 quarts min.
Electrical: 14 Volt / 60 amp
Tire Pressure: Nose 49 / 42 Main

GUC INFORMATION

Unicom- 122.7
AWOS- 135.075
Field Elevation- 7,680 ft.
TPA- 8,600 ft.
RWY 6/24- 9,400 ft.

VFR Day Minimum Equipment: (TOMATO A FLAMES)

Tachometer
Oil Pressure Gauge
Magnetic Compass
Airspeed Indicator
Temperature Gauge
Oil Temperature Gauge
Emergency equipment
Anti-collision Lights
Fuel Gauge for each tank
Landing gear position indicator
Altimeter
Manifold Pressure Gauge
Emergency Locator Transmitter
Safety Belts and Shoulder Harnesses

LOST COMMUNICATION

Check.....Freq, Vol, Squelch, Phones
Transponder.....7600
Pattern.....Fly Over, Light Signals

LIGHTS	GROUND	FLIGHT
Green Steady	Cleared T/O	Cleared LND
Green Flashing	Cleared Taxi	Return for LDG
Red Steady	Stop	Give Way Trf.
Red Flashing	Taxi Clear of RWY	Airport Unsafe
White Flashing	Return to Starting Pt.	N/A
Alt. Red/Green	Caution	Caution