

Cessna 182 Checklist

PREFLIGHT	
CABIN	
Review Aircraft Maintenance Status Sheet	
Parking Brake	Off
Control Lock	Remove
Certificates, POH, & Wt & Bal	Check
Avionics	All Off
E.L.T.	Check Off
Battery Switch	On
Fuel Indicators	Check
Lights	Check
Flaps	Down
All Switches	Off
LEFT WING	
Fuel Sump	Strain
Flap	Check
Aileron	Check
Wing Tip	Check
Position Lights	Check
Leading Edge	Check
Fuel Vent	Clear
Stall Warning	Clear
Pitot Tube	Clear
Fuel Tank	Check Quantity
Tire, Gear, Brake Pads, & Lines	Check



I N F L I G H T
PILOT TRAINING

NOSE

Static Port	Clear
Windshield	Check
Engine Intake Air Filter	Clear
Prop and Spinner	Check
Nose Gear and Tire	Check
Landing Light	Check
Engine Compartment	Clear
Engine Cowling	Secure
Oil Level (Max 12 Qts)	Min. 9 Qts
Fuel Strainer	Pull 2-3 seconds

RIGHT WING

Fuel Tank	Check Quantity
Tire, Gear, and Brake Lines	Check
Leading Edge	Check
Wing Tip	Check
Position Light	Check
Aileron	Check
Flap	Check
Fuel Sump	Strain

EMPENNAGE

Vertical Stabilizer	Check
Horizontal Stabilizer	Check
Elevator	Check
Trim Tab	Check
Rudder	Check
Beacon/Position Lights	Check
Baggage Door	Secure
Chocks	Remove

Passenger Brief	
PIC Duty	
Positive Exchange of Controls	
Emergency Procedures	
Fire Extinguisher/ELT Operation	
Seatbelts/Door Operation	
Scanning For Traffic	
Sterile Cockpit	
Any Questions?	

START	
Seats	Locked
Seat Belts & Shoulder Harnesses	Fastened
Doors/Windows	Secure
Brakes	Set
Fuel Selector	Both
Cowl Flaps	Open
Mixture	Rich
Carb Heat	Cold
Throttle	Open Full
Prime (<i>Hot/Plugged In</i>): 1, Cold 2-3)	
Throttle	1/4" Open
Battery/Alternator Switch	On
Lights (<i>Nav ON @ Night Only</i>)	Beacon ON
Prop Area (<i>Look & Yell</i>)	Clear
Magnetos	START
Oil Pressure	Green w/in 30 sec
Throttle	1000 RPM
Flaps	Up
Mixture (<i>Max Lean</i>)	Lean for Taxi
Engine Instruments	Check
Avionics Master	On
Transponder (<i>1200 VFR</i>)	Code & STBY
Heading Indicator	Set to Compass
Artificial Horizon	Set Level Attitude
Altimeter (<i>Listen to Atis</i>)	Set Baro

BEFORE TAKEOFF (In the Run-UP Area)	
Brakes	Set
Radios (<i>Change To Tower</i>)	Set
Flight Instruments	Check
Engine Instruments	Check
Flight Controls	Free and Correct
Elevator Trim	Neutral
Mixture	Full Rich
Primer	In And Locked
Throttle	1,700 RPM
Propeller Governor	Cycle - 1200 RPM
Suction	4.6-5.4" Hg
Carb Heat (<i>50-100 rpm drop</i>)	Check Drop
Magnetos (<i>125 rpm max</i>)	Check Drops
Ammeter	0 or Positive
Throttle (Idle - Verify Running)	1000 RPM
Throttle Friction Lock	As Desired
Lights	Ldg & Strobes ON
Transponder	ALT
Departure Brief	Review

CRUISE	
Flaps	Up
Power (<i>2300 RPM - 21" MP</i>)	Set For Cruise
Mixture (Max Lean)	Lean
Cowl Flaps	Closed
Lights	Ldg OFF
Fuel Level	Monitor
Engine Instruments	Monitor

Airspeeds (Knots)		
Vso 45	Vs1 48	Vfe 140 - 10
Va 111	Vno 143	Vne 179
Vr 50	Vx 54	Vy 78
Best Glide 70	Final Apr 65-70	
Max Crosswind 15 Kts	Normal Climb 85-95	

BEFORE LANDING

Destination WX (<i>Atis or Awos</i>)	Obtain
Arrival Area Information	Brief
10 Mile Radio Call	Tower/CTAF
Fuel Selector	Both
Mixture	Full Rich
Primer	In And Locked
Lights	Ldg ON
Descent Power	17" MP
Traffic Pattern Altitude @ 3SM	800'-1,000' AGL
Carb Heat (<i>Below 15"MP</i>)	On
Flaps (<i>In The Traffic Pattern</i>)	As Needed
Propeller Full Forward	On Final

AFTER LANDING

Cowl Flaps	Open
Flaps	Up
Mixture (Max Lean)	Lean
Carb Heat	Off
Lights	Ldg Off
Elevator Trim	Neutral
Transponder	STBY

SHUTDOWN

Avionics Master	Off
Lights	All Off
Mixture	Idle Cutoff
Battery/Alternator	Off
Magnetos	Off
Control Lock	Insert
Hobbs and Tach Times	Record
Chocks/Tiedowns	Secure
CLOSE YOUR FLIGHT PLAN	Done

EMERGENCIES

ENGINE FIRE ON GROUND

Starter	Keep Turning
Mixture	Idle Cutoff
Throttle	Full Open
Magnetos	Off

ENGINE FIRE IN FLIGHT

Throttle	Idle
Begin Emergency Descent	140 Kts
Cabin Heat	Off
Land As Soon As Practicable	

ENGINE FAILURE IN FLIGHT

Best Glide	70 Kts
Emergency Landing Spot	Proceed
Fuel Selector	On
Mixture	Rich
Carb Heat	On
Throttle	Adjust
Primer	In And Locked
Magnetos	Cycle

IF ENGINE DOES NOT START

Transponder	7700
Emergency Radio Call	121.5
Fuel Selector	Off
Mixture	Idle Cutoff
Throttle	Closed
Magnetos	Off
Seat Belts/Shoulder Harnesses	Fastened
Doors	Unlatched
Flaps	Down
Battery & Alternator	Off