

BEFORE STARTING
Seat Belts - on
Cowl Flaps - open
Avionics - off
Master Switch - on
Circuit Breakers - in
Beacon - on
Fuel - fullest
Brakes - set

COLD START
Mixture - rich
Propeller - high RPM
Throttle - closed
Fuel Pump - on
Throttle - advance
(until 8-10GPH, then IDLE)
Fuel Pump - off
Propeller Area - clear
Ignition - start
Throttle - advance slowly
Ignition- release on start
Throttle - 1000RPM

BEFORE TAXI
Oil Pressure - green
Lights - as required
Avionics - on & set
Transponder - standby
Mixture - lean 1” for taxi
Brakes - check

If engine does not continue to run, reprime 8-10GPH.

If engine does not start, leave fuel pump off, set mixture to idle, open throttle, and crank until engine fires or for approximately 15 seconds.

If still unsuccessful, start again using the normal starting procedure after allowing the starter motor to cool.

Pre Takeoff - Runup
Flight Controls - check
Flight Instruments - check/set
Fuel - fullest
Fuel Pump - off
Cowl Flaps - open
Trim - set
Mixture - rich
Throttle - 1700RPM
Magnetos - check
<150 RPM drop each
< 50 RPM between
Propeller - cycle x3
- RPM drop
- Manifold increase
- Oil pressure drop
Vacuum - green
Oil Temp - green
Oil Pressure - green
Throttle - 1000RPM
Throttle Friction - adjust
Ammeter - check

Start - Runup

<i>Before Starting Engine</i>	
Seat Belts	ON
Cowl Flaps	OPEN
Avionics	OFF
Electrical Equip	OFF
Master Switch	ON
Circuit Breakers	IN
Beacon	ON
Fuel	FULLEST
Propeller	HIGH RPM
Brakes	SET

<i>Cold Start</i>	
Mixture	RICH
Throttle	CLOSED
Fuel Pump	ON
Throttle	ADVANCE <i>(until 8-10GPH, then IDLE)</i>
Fuel Pump	OFF
Prop Area	CLEAR
Ignition	START
Throttle	ADVANCE
Ignition	REL. on start
Throttle	1,000 RPM
Alternator	ON

<i>Hot Start</i>	
If engine does not continue to run, reprime 8-10GPH.	
If engine does not start, leave fuel pump off, set mixture to idle, open throttle, and crank until engine fires or for approximately 15 seconds.	
If still unsuccessful, start again using the normal starting procedure after allowing the starter motor to cool.	

Cessna 206 N168SA

<i>Before Taxi</i>	
Oil Pressure	GREEN
Lights	AS REQ
Avionics	ON & SET
Transponder	STANDBY
Mixture (for taxi)	LEAN 1”
Brakes	CHECK

<i>Pre Takeoff - Runup</i>	
Flight Controls	CHECK
Flight Instruments	CHECK
Fuel	FULLEST
Fuel Pump	OFF
Cowl Flaps	OPEN
Trim	SET
Mixture	RICH
Throttle	1700 RPM
Magnetos	CHECK
< 150 RPM drop each < 50 RPM between	
Propeller	CYCLE x3
RPM drop Manifold increase Oil pressure drop	
Vacuum	4.8-5.1
Oil Temp	GREEN
Oil Pressure	GREEN
Fuel Pressure	CHECK
Throttle	1000 RPM
Throttle Friction	ADJUST
Ammeter	CHECK

O85 CTAF	122.8
RDD ATIS	124.1
O85 ELEVATION	720 feet

Takeoff - Landing

<i>Before Takeoff</i>	
Seat Belts	ON
Door/Window	LATCH
Flaps	SET 0-20
Trim	SET
Lights	ON
Transponder	ALTITUDE
Propeller	HIGH RPM
Mixture	RICH
Cowl Flaps	OPEN

<i>Normal Takeoff</i>	
Rotate	50
Climb Vy	70-80
Flaps	UP

<i>Above 1000' AGL</i>	
Climb enroute	100
Power	30"MP
Propeller	2500RPM
Mixture	20GPH

<i>Cruise</i>	
Power	15-30"MP
Propellor	22-2500RPM
Mixture	SET
Trim	SET
Cowl Flaps	CLOSED

Power Settings - 2400RPM		
6000ft	24"	13.0GPH
10000ft	24"	13.3GPH
16000ft	24"	13.5GPH

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<i>Descent</i>	
Power (slowly)	REDUCE
Fuel Pump	OFF
Mixture	SET as req.
Cowl Flaps	CLOSED

<i>Before Landing</i>	
Auto-pilot	OFF
Landing Light	ON
Fuel Pump	OFF
Gas FULLEST Undercarriage DOWN Mixture SET Propeller SET Seat belts ON	
Flaps	10º <140 20º+ <100
Final Approach	65-75

<i>After Landing</i>	
Flaps	UP
Cowl Flaps	OPEN
Mixture (for taxi)	LEAN 1”
Transponder	STBY

<i>Engine Shutdown</i>	
Avionics	OFF
2 min. @ taxi/idle	TO COOL
Mixture	CUTOFF
Magnetos	OFF&OUT
Master Switch	OFF
Hobbs/Tach	RECORD
Tiedown, Control lock	INSTALL

TAKEOFF
Flaps - Set 0-20
Power - 36.5”MP
Propeller - 2700RPM
Mixture - 31GPH
Rotate - 50kts
Climb - 70-80kts
Flaps - up
Cowl Flaps - open

ENROUTE CLIMB
Airspeed - 100kts
Power - 30”MP
Propeller - 2500RPM
Mixture - 20GPH

CRUISE
Power - 15-30”MP (green)
Propeller - 2200-2500RPM (green)
Mixture - Lean as req
Trim - set
Cowl Flaps - closed as req

DECENT
Power - reduce slowly
Fuel Pump - check off
Mixture - Set as req
Cowl Flaps - closed

BEFORE LANDING
Gas - fullest tank
Fuel Pump - off
Mixture - rich
Propeller - high RPM
Seat Belts - on

LANDING
Approach - 75-85 (flaps up)
Approach - 65-75 (flaps 40)
Trim - adjust

AFTER LANDING
Flaps - up
Cowl Flaps - open
Transponder - STBY
Mixture - lean 1” for taxi

SHUTDOWN
Avionics - off
At least 2min at idle/taxi to cool
Mixture - cutoff
Magnetos - off/out
Master - off
Hobbs/tach - record
Control lock - install
Tie-downs - install