

# C-182 CESSNA SKYLANE

## Quick Reference Normal Operating Checklist

For use only with an approved Cessna checklist

### BEFORE ENGINE START

1. Preflight.....Complete
2. Fuel Drain Tool.....Stow
3. Hobbs Time.....Record
4. Seats.....Adjust and Lock
5. Seat Belts/Harness.....On
6. Parking Brake.....Set
7. Avionics.....Off
8. Circuit Breakers.....In
9. Flap Switch.....Up
10. Fuel Selector.....On Both
11. Cowl Flaps.....Open
12. Trim Tabs.....Set
13. Beacon Light.....On
14. Master Switch.....On
15. Fuel Quantity.....Check

### ENGINE START (normal)

1. Mixture.....Rich
2. Carburetor Heat.....Cold
3. Propeller.....Full Increase
4. Throttle.....Set 1/2 Inch
5. Prime.....2-6 Strokes
6. Propeller Area.....Clear
7. Ignition.....To Start
8. Engine Warm-up.....1000 RPM
9. Oil Pressure.....Green in 30 Sec

### ENGINE START (flooded)

1. Mixture.....Idle Cut-Off
2. Propeller.....Full Increase
3. Carburetor Heat.....Cold
4. Throttle.....Full Open
5. Master Switch.....On
6. Propeller Area.....Clear
7. Ignition.....To Start

#### NOTE:

When Engine Fires Throttle to Idle and Mixture to Full Rich Simultaneously

8. Engine Warm-up.....1000 RPM
9. Oil Pressure.....Green in 60 Sec

### BEFORE TAXI

1. Avionics.....On
2. Transponder.....Standby
3. ATIS.....Listen and Copy
4. Flaps.....Up
5. Landing Light.....On
6. Clearance.....Receive and Copy
7. Brakes.....Release and Test

### BEFORE TAKEOFF

1. Parking Brake.....Set
2. Flight Inst.....Check and Set
3. Engine Inst.....Check in Green
4. Avionics.....Set properly for Flight
5. Mixture.....Rich
6. Propeller.....Full Increase
7. Throttle.....1700 RPM
8. Magnetos.....Check Lt and Rt

#### NOTE:

Max drop during mag check is 125 RPM, within 50 RPM of each other.

9. Propeller.....Cycle (500 RPM)
10. Carburetor Heat.....Check
11. Engine Inst.....Check in Green
12. Ammeter.....Check
13. Suction Gage.....4.6 to 5.4" hg
14. Throttle.....1000 RPM
15. Trim Tabs.....Set for Takeoff
16. Flaps.....Check and Set
17. Flight Controls.....Free & Correct
18. Doors & Windows.....Secure
19. Transponder...Proper Code(ALT)
20. Lights.....As Required
21. Pitot Heat.....As Required
22. Time.....Note Clock Time
23. Brakes.....Release

### TAKEOFF

1. Wing Flaps.....0 to 20 degrees
2. Propeller.....Full Increase
3. Throttle.....Full Power
4. Airspeed.....Rotate at 60 MPH
5. Pitch Attitude.....Climb Pitch

### CLIMB

1. Power.....Top of Green Arcs
2. Mixture.....Rich
3. Trim.....Set for Climb
4. Landing Light.....Off
5. Airspeed.....Vx 70 MPH  
Vy 89 MPH
6. Cruise Climb.....100 MPH

### CRUISE

1. Power.....Set per POH
2. Cowl Flaps.....As Required
3. Trim.....Set
4. Mixture.....Set using EGT
5. Attitude Indicator.....Set Level
6. Heading Indicator.....Set

### DESCENT

1. ATIS.....Listen and Copy
2. Altimeter.....Set
3. Carburetor Heat.....Cycle
4. Power.....Set as Required
5. Pitch Attitude.....Set for Descent
6. Cowl Flaps.....As Required
7. Trim.....As Required
8. Mixture.....Adjust as Required
9. Avionics.....Set on Proper Freq.

### BEFORE LANDING

1. Fuel Selector.....On Both
2. Cowl Flaps.....Closed
3. Mixture.....Rich
4. Propeller...Full Increase on Final
5. Carb Heat.....On as Required
6. Landing Light.....On
7. Magnetos.....On Both
8. Seat Belts/Harnesses.....On
9. Flaps.....As Required

### LANDING

1. Flaps 10.....Below 160 MPH
2. Flaps Full.....Below 110 MPH
3. Normal App.....80 MPH
4. Short App.....69 MPH

### AFTER LANDING

1. Flaps.....Up
2. Carburetor Heat.....Off
3. Cowl Flaps.....Open
4. Landing Light.....As Required
5. Transponder.....Standby

### SHUTDOWN

1. Avionics.....Off
2. Electrical Equipment.....Off
3. Throttle.....1000 RPM
4. Mixture.....Idle Cut-Off
5. Magnetos.....Off - Key on Dash
6. Master Switch.....Off
7. Control Wheel Lock.....Install
8. Hobbs Meter.....Record
9. Tie Downs.....Install

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**REMEMBER TO CLOSE YOUR VFR FLIGHT PLAN !**