

N75SM Cessna 182-F Checklist

BEFORE START

1. Passenger Brief - SAFETY
2. Seats and Seat Belts - Secure
3. Flight Controls - Check
4. Brakes - Test
5. Beacon Light - ON
6. Master Switch - ON
7. Avionics Switch - ON
8. Cowl Flaps - OPEN
9. Elevator and Rudder Trim - Set for Take-Off
10. Fuel Selector - BOTH

START

1. Seat Track - Verify Locked
2. Carb Heat - OFF
3. Mixture - FULL
4. Prop - HIGH RPM
5. Throttle - 1/2" in
6. Prime - As Req. - In and Locked
7. Brakes - HOLD
8. Prop Area - CLEAR
9. Mags - Start - Idle 1000RPM
10. Oil Pressure - GOOD
11. Nav Light - ON
12. Mixture - Taxi as req. ~ 1" Out

PRE-TAXI

1. Flaps - UP
2. Heat/Vent/Defrost - SET
3. Avionics - SET
4. Transponder - 1200 ALT
5. Radios - SET and TEST
6. ATIS / AWOS - Record
7. Altimeter - SET

TAXI

1. Taxi Light - ON
2. Brakes - TEST
3. Route/Clearance - OBTAINED
4. During Taxi - TEST
 - a. Attitude Indicator
 - b. Turn Coordinator
 - c. H.I. and Compass

RUN-UP

1. Brakes - SET
2. Fuel - BOTH
3. Trim - TAKEOFF
4. Flight Controls - Free and Correct
5. Primer - In and Locked
6. Throttle - 1700 RPM

(Cont.)

7. Engine Instruments - GREEN
8. Mixture - SET - Peak RPM + 2-3 Twists
9. Carb Heat - TEST
10. Ammeter - Check
11. R/L Magnetos - Test (150Max/50Diff)
12. Prop - Check Operation / Full RPM
13. Throttle - Idle CHECK
14. Throttle Friction - SET

PRE-TAKEOFF

1. Flaps - 0°-20° (10 Preferred)
2. Cowl Flaps - OPEN
3. Trim - Take Off
4. Doors / Windows - Latched
5. Nav Inst - Set/Verified
6. Transponder - Set / 1200
7. Carb Heat - OFF / as req.
8. Landing Light - ON
9. Time - Note
10. Brakes - Release
11. Brief - Abort/Takeoff Plan
12. Call/Clearance

TAKEOFF

1. Lined up on RWY
2. Throttle - FULL
3. Engine Instruments - GREEN
4. RPM - 2500 MIN - 2600 MAX
5. Airspeed - Alive
6. Rotate - 65 MPH
7. Flaps - UP (> 75MPH)

CLIMB

1. Power - Full or Below 22" inHg
2. Prop - 2450
3. Speed - 90-120 MPH
4. Mixture - As Req.
5. Instruments - NOMINAL
6. Taxi Light- OFF
7. Flight Plan - OPEN

CRUISE

1. Power - SET (10 GPH for local flight)
2. Prop - SET (2000 - 2350 RPM)
3. Cowl Flaps - As Req.
4. Mixture - 50°F rich of Peak
5. Instruments - NOMINAL
6. Fuel Selector - L/R As Req

DECENT

1. Mixture - Richen
2. Cowl Flaps - Closed
3. Fuel - Both
4. Carb Heat - As Req
5. ATIS/AWOS - Obtained
6. Altimeter - Set
7. RWY - Determined
8. Instruments - NOMINAL

PRE-LANDING

1. Carb Heat - ON
2. Cowl Flaps - CLOSED
3. Fuel Selector - BOTH
4. Tires/Brakes - Checked/Tested
5. Mixture - Set as Req
6. Primer - In/Locked
7. Prop - Full Forward
8. Seatbelts - Secure
9. Landing Light - ON

AFTER LANDING

1. Flaps - UP
2. Carb Heat - OFF
3. Cowl Flaps - Open
4. Mixture - As req
5. Trim - Take-Off
6. Transponder - GND
7. Taxi Light - ON
8. Landing Light - OFF
9. Taxi - Route/Clearance

SECURING/SHUTDOWN

1. ELT - Silent
2. Taxi/Landing Light - OFF
3. Mixture - FULL LEAN
4. Mags - OFF
5. Hobbs / Tach - RECORD
6. Avionics - OFF
7. Master - OFF
8. Beacon/Nav Light - OFF
9. Fuel Selector - Left or Right
10. Avionics OFF - Verify
11. Control Lock - INSTALL
12. Wheel Chocks - IN
13. Pitot Cover/Cowl Plugs - INSTALL
14. Tie Down - As Req.
15. Doors - Secured