

Cessna 182Q Skylane Checklist

PRE-FLIGHT

Papers (A.R.O.W.) ON-BOARD
Ignition OFF
Avionics Switch OFF
Master Switch ON
Flaps DOWN
Fuel Gauges TRUE
Int. & Ext. Lights CHECK
Pitot Heat CHECK
Stall Indicator TEST
Master Switch OFF
Fuel Selector BOTH

EMPENNAGE

Baggage SECURE
Baggage Door CLOSED
Antennas SECURE
Surface CLEAR
Hinges & Attachments CHECK
Rudder CHECK
Underbelly CHECK
Trim Tab CHECK
Tie Down REMOVED

WING – RIGHT

Flap & Hinges CHECK
Aileron & Hinges CHECK
Static Wicks SECURE
Wing Tip CHECK
Surface SIGHT FOR UNEVENNESS
Lights CHECK
Fuel Vent CLEAR
Chock/Tie-down REMOVED
Landing Gear & Tire CHECK
Brake Block, Disk, Pads CHECK
Fuel Drain DRAIN & CHECK
Fuel Quantity CHECK VISUALLY
Fuel Cap INSPECT & SECURE
Surface CLEAR

NOSE

Static Vents (x2) UNOBSTRUCTED
Air Intakes & Muffler CLEAR & SECURE
Prop & Spinner CHECK
Landing Light CHECK
Nose Wheel Tire CHECK
Nose Gear Strut CHECK

Pre-Flight

Chock REMOVED
Oil (9-12 qts) CHECK QUANTITY
Dipstick PROPERLY SEATED
Fuel Drain DRAIN & CHECK
Cowling CLOSED AND SECURED
Windshield CLEAN

WING – LEFT

Chock/Tie-down REMOVED
Landing Gear & Tire CHECK
Brake Block, Disk, Pads CHECK
Fuel Drain DRAIN & CHECK
Fuel Quantity CHECK VISUALLY
Fuel Cap INSPECT & SECURE
Surface CLEAR
Fuel Vent CLEAR
Pitot Tube CLEAR, SECURED
Stall Indicator TEST
Wing Tip CHECK
Surface SIGHT FOR UNEVENNESS
Lights CHECK
Aileron & Hinges CHECK
Static Wicks SECURE
Flap & Hinges CHECK

BEFORE ENGINE START

Final Walk Around COMPLETE
Hobbs & Tach. Times LOGGED
Passenger Briefing BRIEFED
 Seat Belts, Harness, Seat Position
 Air Vents, Heat, airsickness
 Fire Extinguisher
 Emergency Exit Operation, Plan
 Traffic, Talking
 Your Questions
Avionics Master OFF
Circuit Breakers IN
Alternate Static CLOSED
Cowl Flaps OPEN

Cessna 182Q Skylane Checklist

ENGINE ROUGHNESS

Mixture ADJUST
Carb. Heat ON
Fuel Pump ON
Fuel Selector BOTH
Magnetos Switch L, R, BOTH

ENGINE POWER LOSS

Best Glide TRIM 70/76* kts
Landing Area (*Into Wind*) SELECT
Fuel Selector BOTH
Mixture RICH
Carb. Heat ON
Magnetos L, R, BOTH
Primer LOCKED
Throttle & Mixture TRY VAR. SETTINGS

POWER OFF LANDING

Airspeed 70 kts (0°), 65 kts (10°+)
 *3100 lbs ... 75 kts (0°), 70 kts (10°+)
Propeller FULL DECREASE
ATC (121.5, 7700) CALLED
ELT ON
Ignition OFF
Mixture IDLE CUT-OFF
Fuel Selector OFF
Seat Belts TIGHT
Flaps AS REQUIRED
Master & Alt. Switches OFF
Cabin Doors UNLATCH

ENGINE FIRE DURING START

Starter CONTINUE CRANKING
Mixture IDLE CUT-OFF
Throttle OPEN
Fuel Selector OFF
Ignition OFF
Master & Alt. Switches OFF

ENGINE FIRE IN FLIGHT

Mixture IDLE CUT-OFF
Fuel Selector OFF
Master & Alt. Switches OFF
Throttle CLOSED
Heat, Defroster OFF
Vents CLOSED
Airspeed INCREASE

Emergencies

ELECTRICAL FIRE IN FLIGHT

Master & Alt. Switches OFF
Avionics OFF
Vents CLOSED
Heat & Defroster OFF
Fire Extinguisher ACTIVATE

HIGH OIL TEMPERATURE

Mixture RICH
Throttle REDUCE
Airspeed INCREASE

ALTERNATOR FAILURE

Ammeter VERIFY INOP ALT
Avionics OFF
Master & Alt. Switches OFF
Electrical Load REDUCE
Master & Alt. Switches ON
Avionics ON

PROPELLER OVERSPEED

Throttle REDUCE
Oil Pressure CHECK
Propeller FULL DECREASE RPM
 SET IF AVAILABLE
Airspeed REDUCE
Throttle AS REQ. TO REMAIN
 BELOW RED LINE

DITCHING

ATC (121.5, 7700) CALLED
Heavy Objects SECURED
Flaps 20-40°
Power 300 fpm / 60 kts
 If No Power ... 70 kts (0°), 65 kts (10°)
 *3100 lbs ... 75 kts (0°), 70 kts (10°)
Cabin Doors UNLATCH, LOCK OPEN
High Winds, Heavy Seas INTO WIND
Light Winds, Heavy Swells
 PARALLEL TO SWELLS
Face CUSHION

Glide Ratio 8:1

Cessna 182Q Skylane Checklist

STARTING ENGINE

Brakes SET
Mixture RICH
Prop. Ctrl. Lever FULL FORWARD
Throttle (*Normal*) 1/2 in.
(*Flooded*) FULL FORWARD
Prime AS REQUIRED
Carb. Heat OFF
Master & Alt. Switches ON
Beacon Light ON
Prop. Area CLEAR
Starter ENGAGE
Throttle 1000 RPM
Oil Pressure GREEN ARC
Carb. Heat (*Cold Start Until Smooth*) . . ON
Mixture LEAN
Flaps UP
Avionics Master ON
Transponder 1200, ALT.

PRE-TAXI

ATIS / AWOS OBTAINED
Int. & Ext. Lights AS REQUIRED
Brakes CHECK
Controls ADJUST FOR WIND
TC, HI, AI, Compass CHECK R, L

ENGINE RUN-UP

Brakes SET
Fuel Selector BOTH
Mixture (*Lean at High Den. Alt.*) . . . RICH
Throttle 1700 RPM
Magnetos MAX. DROP 150 RPM
..... MAX. DIFF. 50 RPM
Prop . . . EXERCISE x3, FULL FORWARD
Suction CHECK
Engine Instruments GREEN ARC
Ammeter CHECK CHARGING
Carb. Heat CHECK, OFF
Throttle IDLE, 1000 RPM

Engine Start and Takeoff

BEFORE TAKEOFF

Flight Instruments CHECK & SET
Com/Nav/GPS SET
VOR Check (*30 days*) COMPLETED
Door & Window . . . CLOSED & LATCHED
Autopilot OFF
Controls FREE & CORRECT
Elevator Trim TAKEOFF
Rudder Trim CHECK
Flaps (*20° Short, Soft Field*) SET
Pitot Heat AS REQUIRED

Transponder ALT.
Instruments (*HI*) ALLIGNED
Time NOTED
Switches—Lights ON
Take-off BRIEFED

Rotate 50 kts
V_X 54-62 (59-66)* kts
V_Y 78-72 (81-75)* kts
V_G (*3100 lbs.*) 76 kts
V_G (*2950 lbs.*) 70 kts

Abort Plan Ready
Takeoff Distance . . . NOTE

CLIMB

Flaps UP
Power 23rd/2400
Cruise Climb 90 kts
Mixture SET
Landing Light OFF
Cruise Power SET
Cowl Flaps CLOSED
Mixture LEAN
Flight Plan/Flight Following OPEN
HI, Fuel Selector, Engine Instruments
..... CHECK EVERY 15 MINUTES

Cessna 182Q Skylane Checklist

BEFORE LANDING

ATIS / AWOS OBTAINED
Approach (*C MICE ATM*) BRIEFED
Descent Profile PLANNED
Mixture ENRICH
Seat Backs UPRIGHT
Seat Belts, Harnesses. SECURE
Flaps AS REQUIRED
Cowl Flaps CLOSED
Carb. Heat ON
Gas BOTH
Undercarriage DOWN
Mixture FULL RICH
Propeller (*On Final*) . . . FULL INCREASE
Switches: Ldg. Light ON
Autopilot OFF

Downwind 90 kts
Base 80 kts
Numbers 65 kts
Short Field 60 kts

AFTER LANDING

Cowl Flaps OPEN
Carb. Heat OFF
Mixture LEAN
Flaps UP
Exterior Lights AS REQUIRED
Controls ADJUST FOR WIND

ENGINE SHUTDOWN

Throttle 1500 RPM
Avionics Master OFF
Lights & Pitot Heat OFF
Magnetos GROUND CHECK
Propeller FULL INCREASE
Mixture IDLE CUT-OFF
Magnetos OFF, KEY OUT
Master & Alt. Switches OFF

In-Flight and Landing

SECURING AIRCRAFT

Hobbs and Tach. Times LOGGED
Controls SECURED
Fuel Selector RIGHT
Personal Items & Trash REMOVED
Windows CLEAN
Engine Heater ON
Fuel FULL
Flight Plan CLOSED

MANEUVERS

Mixture SET
Lights ALL ON
Altitude VERIFY
Landing Area SELECT
Clearing Turns COMPLETE
Entry Speed < V_A

TURBULANCE

Airspeed SLOW
V_A (*3100 lbs.*) 111 kts
V_A (*2450 lbs.*) 110 kts
V_A (*1950 lbs.*) 89 kts
Seat Belts TIGHT

ICING

Pitot Heat ON
Cabin Heat & Defrost MAX
Carb. Heat ON
Airspeed INCREASE
Altitude CHANGE
..... CONSIDER 180° TURN
Flaps REMAIN UP
Landing Speed INCREASE