

Cessna 182Q Skylane Checklist

PRE-FLIGHT

Papers (A.R.O.W.) ON-BOARD
 Control Lock REMOVED
 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
 Cowl Flaps (if installed) OPEN

EMPENNAGE

Baggage SECURE
 Baggage Door LOCKED
 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

Pre-Flight

Nose Wheel Tire CHECK
 Nose Gear Strut CHECK
 Chock REMOVED
 Oil (9-12 qts) CHECK QUANTITY
 Dipstick PROPERLY SEATED
 Oil Filler Cap CLOSED
 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
 Tow Bar SECURED
 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 (x2) IN
 Alternate Static TEST & CLOSED
 Cowl Flaps (if installed) OPEN
 Fuel Selector BOTH

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ENGINE ROUGHNESS

Mixture ADJUST
 Carb. Heat ON
 Fuel Selector BOTH
 Magneto Switch L, R, BOTH
 Primer LOCKED

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

EMERGENCY

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

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STARTING ENGINE

Brakes SET
Mixture RICH
Prop. Ctrl. Lever FULL FORWARD
Throttle (*Normal*) 1/2 in.
(*Flooded*) FULL FORWARD
Prime AS REQUIRED
Primer LOCKED
Carb. Heat OFF
Master & Alt. Switches ON
Beacon/Strobe Lights 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, GND
Fuel Totalizer SET

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
Engine Instruments GREEN ARC
Ammeter CHECK CHARGING
Carb. Heat CHECK
Throttle IDLE, 1000 RPM
Carb. Heat OFF

Engine Start and Takeoff

BEFORE TAKEOFF

Flight Instruments CHECK & SET
Altimeter Baro Settings (*x2*) SET
Com/Nav/GPS SET
VOR Check (*30 days*) COMPLETED
Doors/Windows ... CLOSED & LATCHED
Autopilot AP, OVERPOWER, OFF
Controls FREE & CORRECT
Electric Trim CHECK UP/DOWN
Elevator Trim TAKEOFF
Rudder Trim CHECK
Flaps (*20° Short, Soft Field*) SET
Pitot Heat AS REQUIRED
Flight Director SET or OFF
Take-off BRIEFED

Rotate 50 kts
V_x 54-62 (59-66)* kts
V_y 78-72 (81-75)* kts
S.L.-10,000 ft

V_G (**3100 lbs.*) 76 kts
V_G (*2950 lbs.*) 70 kts

Abort Plan Ready
Takeoff Distance ... NOTE

Transponder ALT/GND
Instruments (*HI*) ALLIGNED
Time NOTED
Switches—Lights ON

CLIMB

Flaps UP
Power 24"/2400
Cruise Climb 90 kts
CHTs < 375°F
Mixture SET

CRUISE

Landing Light OFF
Cruise Power SET
Cowl Flaps CLOSED AS REQ.
Mixture LEAN
Flight Plan/Flight Following OPEN
Engine Instruments, Alternator, Bugs
..... CHECK EVERY 15 MIN

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BEFORE LANDING

ATIS / AWOS OBTAINED
Approach (*C MICE ATM*) BRIEFED
CDI VLOC or GPS
Descent Profile PLANNED
Mixture ENRICH
Seat Backs UPRIGHT
Seat Belts, Harnesses SECURE
Flaps AS REQUIRED
Cowl Flaps (*if installed*) 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 (*if installed*) OPEN
Carb. Heat OFF
Mixture LEAN
Flaps UP
Exterior Lights AS REQUIRED
Transponder 1200
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 AS REQ.
Fuel 82 gal
Flight Plan CLOSED

MANEUVERS

Autopilot ESP OFF
Mixture SET
Lights ALL ON
Altitude VERIFY
Landing Area SELECT
Clearing Turns COMPLETE
Entry Speed < V_A
Autopilot Disconnect HOLD

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
Autopilot OFF
Airspeed INCREASE
Altitude CHANGE
..... CONSIDER 180° TURN
Flaps REMAIN UP
Landing Speed INCREASE