

## Cessna Skylane/Stationair Checklist

### PRE-FLIGHT

Papers (A.R.O.W.) . . . . . ON-BOARD  
Ignition . . . . . OFF  
Avionics Switch . . . . . OFF  
Master Switch . . . . . ON  
Flaps . . . . . DOWN  
Fuel Gauges . . . . . TRUE  
Annun. Panel . . . . . INDICATORS ON  
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

## Pre-Flight

Nose Gear Strut . . . . . CHECK  
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 Skylane/Stationair Checklist

### ENGINE ROUGHNESS

Mixture . . . . . ADJUST  
\*Carb. Heat . . . . . ON  
Fuel Pump . . . . . ON  
Fuel Selector . . . . . \*BOTH, ‡SWITCH  
Magneto Switch . . . . . L, R, BOTH

### ENGINE POWER LOSS

Best Glide . . . . . TRIM 70/75<sup>1</sup> kts  
Landing Area (*Into Wind*) . . . . . SELECT  
Fuel Selector . . . . . \*BOTH, ‡SWITCH  
Mixture . . . . . RICH  
‡Fuel Pump . . . . . ON 4 sec at 1/2 throttle, OFF  
\*Carb. Heat . . . . . ON  
Magnetos . . . . . L, R, BOTH  
Primer . . . . . LOCKED  
Throttle & Mixture . . . . . TRY VAR. SETTINGS

### POWER OFF LANDING

Propeller . . . . . FULL DECREASE  
ATC (121.5, 7700) . . . . . CALLED  
ELT . . . . . ON  
Ignition . . . . . OFF  
‡Fuel Pump . . . . . 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 Pump . . . . . OFF  
Fuel Selector . . . . . OFF  
Ignition . . . . . OFF  
Master & Alt. Switches . . . . . OFF

### ENGINE FIRE IN FLIGHT

Mixture . . . . . IDLE CUT-OFF  
Fuel Selector . . . . . OFF  
Throttle . . . . . CLOSED  
Heat, Defroster . . . . . OFF  
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, ‡65 kts  
    If No Power . . . . . 70 kts (0°), 65 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 Skylane/Stationair Checklist Engine Start and Takeoff

### 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  
 †Aux. Fuel Pump ..... ON  
 †Throttle .... ADVANCE, 8 gph, CLOSED  
 †Aux. Fuel Pump ..... OFF  
 Prop. Area ..... CLEAR  
 Starter ..... ENGAGE  
 †Throttle ..... ADVANCE  
 Throttle ..... 1000 RPM  
 Oil Pressure ..... GREEN ARC  
 \*Carb. Heat (*Cold Start Until Smooth*) . ON  
 †Fuel Flow ..... CHECK  
 Mixture ..... LEAN  
 Flaps ..... UP  
 Avionics Master ..... ON  
 Transponder ..... STANDBY

### 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, †SWITCH  
 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  
 Annunciator Panel .... PRESS-TO-TEST  
 Ammeter ..... CHECK CHARGING  
 \*Carb. Heat ..... CHECK, OFF  
 Throttle ..... IDLE, 1000 RPM

### 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<sub>X</sub> ..... 54-62 (59-66)<sup>1</sup> kts  
 V<sub>Y</sub> ..... 78-72 (81-75)<sup>1</sup> kts  
 V<sub>G</sub> (*3100 lbs.*) ..... 76 kts  
 V<sub>G</sub> (*2950 lbs.*) ..... 70 kts C182

Abort Plan ..... Ready  
 Takeoff Distance ... NOTE

### CLIMB

Flaps ..... UP  
 Power ..... \*23"/2400, †27"/2700  
 Cruise Climb ..... \*90 kts, †100 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

Rotate ..... 50 kts  
 V<sub>X</sub> ..... 66-70 kts  
 V<sub>Y</sub> ..... 84-78 kts C206  
 V<sub>G</sub> (*3600 lbs.*) ..... 75 kts  
 V<sub>G</sub> (*3200 lbs.*) ..... 70 kts  
 V<sub>G</sub> (*2800 lbs.*) ..... 65 kts

## Cessna Skylane/Stationair Checklist In-Flight and Landing

### 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, †FULLEST  
 Undercarriage ..... DOWN  
 Mixture ..... FULL RICH  
 Propeller (*On Final*) ... FULL INCREASE  
 Switches: Ldg. Light ..... ON  
     Autopilot ..... OFF

Downwind ..... 90 kts  
 Base ..... 80 kts C182  
 Numbers ..... 65 kts  
 Short Field ..... 60 kts

### AFTER LANDING

Cowl Flaps ..... OPEN  
 \*Carb. Heat ..... OFF  
 Mixture ..... LEAN  
 Flaps ..... UP  
 Transponder ..... STANDBY  
 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

Downwind ..... 90 kts  
 Base ..... 80 kts C206  
 Numbers ..... 70 kts  
 Short Field ..... 64 kts

### 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<sub>A</sub>

### TURBULANCE

Airspeed ..... SLOW  
 V<sub>A</sub> (*3100 lbs.*) ..... 111 kts C182  
 V<sub>A</sub> (*1950 lbs.*) ..... 89 kts  
  
 V<sub>A</sub> (*3600 lbs.*) ..... 120 kts C206  
 V<sub>A</sub> (*2200 lbs.*) ..... 93 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