

# Cessna U206G Stationair Checklist

# Pre-Flight

## 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 . . . . . LOWEST  
 Cowl Flaps . . . . . OPEN

## EMPENNAGE

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  
 Baggage . . . . . SECURE  
 Door . . . . . CLOSED

## NOSE

Static Vents (x2) . . . . . UNOBSTRUCTED  
 Air Intakes & Muffler . . . . . CLEAR & SECURE  
 Prop & Spinner . . . . . CHECK  
 Landing Light . . . . . CHECK

Nose Wheel Tire . . . . . CHECK  
 Nose Gear Strut . . . . . CHECK  
 Chock . . . . . REMOVED  
 Oil (9-12 qts) . . . . . CHECK QUANTITY  
 Dipstick . . . . . PROPERLY SEATED  
 Oil Filler Cap . . . . . CLOSED  
 Fuel Drains (3) . . . . . 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 Door . . . . . LATCHED  
 Passenger Briefing . . . . . BRIEFED  
 Seat Belts, Harness, Seat Position  
 Air Vents, Heat, Airsickness  
 Fire Extinguisher  
 Emergency Door Operation, Plan  
 Traffic, Talking  
 Your Questions  
 Avionics Master . . . . . OFF  
 Circuit Breakers . . . . . IN  
 Alternate Static . . . . . TEST & CLOSED  
 Cowl Flaps . . . . . OPEN  
 Fuel Selector . . . . . LOWEST

# Cessna U206G Stationair Checklist

# EMERGENCY

## ENGINE ROUGHNESS

Mixture . . . . . ADJUST  
 Fuel Pump . . . . . ON  
 Fuel Selector . . . . . SWITCH  
 Magneto Switch . . . . . L, R, BOTH

## ENGINE POWER LOSS

Best Glide . . . . . TRIM 65-75 kts  
 (2800 - 3600 lbs)  
 Landing Area (*Into Wind*) . . . . . SELECT  
 Fuel Selector . . . . . SWITCH  
 Mixture . . . . . RICH  
 Fuel Pump . . . ON 4 sec at 1/2 throttle, OFF  
 Magnetos . . . . . L, R, BOTH  
 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  
 Master & Alt. Switches . . . . . OFF  
 Heat, Defroster . . . . . OFF  
 Vents . . . . . CLOSED  
 Airspeed . . . . . INCREASE

## 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 . . . . . 40°  
 Power . . . . . 300 fpm / 65 kts  
 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 U206G Stationair Checklist Engine Start and Takeoff

### STARTING ENGINE

Brakes ..... SET  
 Mixture ..... RICH  
 Prop. Ctrl. Lever ..... FULL FORWARD  
 Master & Alt. Switches ..... ON  
 Beacon/Strobe Lights ..... 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  
 Fuel Flow ..... CHECK  
 Mixture ..... LEAN  
 Flaps ..... UP  
 Avionics Master ..... ON  
 Transponder ..... 1200, ALT  
 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 ..... FULLEST  
 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  
 Throttle ..... IDLE, 1000 RPM  
 Alt. Vacuum ..... TEST

### BEFORE TAKEOFF

Flight Instruments ..... CHECK & SET  
 Com/Nav/GPS ..... SET  
 VOR Check (*30 days*) ..... COMPLETED  
 Doors/Windows ..... 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 ..... 55 kts  
 V<sub>X</sub> ..... 66-70 kts  
 V<sub>Y</sub> ..... 84-78 kts  
 S.L.-10,000 ft

V<sub>G</sub> (*3600 lbs.*) ..... 75 kts  
 V<sub>G</sub> (*3200 lbs.*) ..... 70 kts  
 V<sub>G</sub> (*2800 lbs.*) ..... 65 kts

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

### CLIMB

Flaps ..... UP  
 Power ..... 25"/2400  
 Cruise Climb ..... 100 kts  
 CHTs ..... < 375°F  
 Mixture ..... 18 gph  
 8,000 ft – 16 gph, 12,000 ft – 14 gph

### CRUISE

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

## Cessna U206G Stationair Checklist In-Flight and Landing

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

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

### AFTER LANDING

Cowl Flaps ..... OPEN  
 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

### SECURING AIRCRAFT

Hobbs and Tach. Times ..... LOGGED  
 Controls ..... SECURED  
 Fuel Selector ..... RIGHT  
 Personal Items & Trash ..... REMOVED  
 Windows ..... CLEAN  
 Engine Heater ..... AS REQ.  
 Fuel ..... 70 gal  
 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> (*3600 lbs.*) ..... 120 kts  
 V<sub>A</sub> (*2900 lbs.*) ..... 106 kts  
 V<sub>A</sub> (*2200 lbs.*) ..... 93 kts

Seat Belts ..... TIGHT

### ICING

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