



**CESSNA 206 G Seaplane**

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**PRE-FLIGHT INSPECTION**

**Cabin**

- 01 A/M documents.....CHECK
- 02 Paddle, Rope, Life Vests...On Board
- 03 Fuel Q.ty Indicator.....CHECK
- 04 Ignition Switch.....OFF/Keys Out
- 05 Avionic Power Switch.....OFF
- 06 Master Switch.....OFF
- 07 V Bar.....CHECK
- 08 Trim Controls.....NEUTRAL
- 09 Water Rudders.....CHECK cables

**EXTERNAL INSPECTION**

- 01 Fuel Q.ty.....CHECK WITH STICK
- 02 Floats.....CHECK/EMPTY

**BEFORE START ENGINE**

- 01 Seats,Belts,Harnesses....ADJ/LCKD
- 02 Cabin Doors/Windows.CLSD/LCKD
- 03 Circuit Breakers.....ALL IN
- 04 Electrical Equipment & A/P.....OFF
- 05 Master Switch.....OFF
- 06 Fuel Selector Valve..EMPTIEST TNK
- 07 Cowl Flap.....OPEN
- 08 Water Rudders....

VISUAL CK/DWN (Water)

VISUALLY CK/UP (Gnd)

**ENGINE START UP**

- 01 Beacon.....ON
- 02 Mixture.....RICH
- 03 Popeller.....HIGH RPM
- 04 Throttle.....CLOSED
- 05 Master Switch.....ON
- 06 Aux Fuel Pmp Switch.....HIGH
- 07 Throttle.....Advance for 3 Sec  
.....then CLOSED position
- 08 Aux Fuel Pmp Switch.....CLOSED
- 09 Propeller Area.....CLEAR !
- 10 Ignition Switch.....BOTH/START
- 11 Throttle.....900-1000 Rpm
- 12 Oil Pressure.....INCREASING to  
10 Psi in 30 Sec

**WATER TAXIING**

- 01 Throttle.....900 RPM or LESS
- 02 Water Rudders  
.....DWN (Water)  
.....UP (Gnd)
- 03 Navigation Lights.....ON
- 04 Avionic Master Switch.....ON

- 05 Radios.....ON/SET
- 06 Flight Instruments.....CHECK/SET
- 07 Nav Instrument.....CHECK/SET
- 08 Flight Controls.CK FREE/CORRECT
- 09 Flaps.....CHECK
- 10 Take Off Briefing.....PERFORMED

**ENGINE RUN UP**

- 01 Fuel Selector Valve..FULLEST TANK
- 02 Circuit Breakers.....ALL IN
- 03 Throttle.....MIIMUM for 6 SEC
- 04 Throttle.....1700 Rpm
- 05 Magnetos...CK Δ150rpm/Diff50 rpm
- 06 Propeller.....CYCLE
- 07 Engine Instr/Ammeter.....CHECK
- 08 Suction Gauge.....CHECK (4,6-5,4)
- 09 Throttle.....900 Rpm

**BEFORE TAKEOFF**

- 01 Cabin Doors/Windows..CLSD/LCKD
- 02 Seats/Belts/Harnesses....ADJ/LCKD
- 03 Flights Controls.....CHECK/FREE
- 04 Engine Instruments.....CHECK
- 05 Master Switch.....ON
- 06 Ignition Switch.....BOTH
- 07 Mixture.....LEAN  
.....For Fied Elevation/Placard
- 08 Trims Controls.....SET FOR T/O
- 09 Auto Pilot.....OFF
- 10 Wing Flap.....0°-20°
- 11 Fuel Selector Valve.FULLEST TANK
- 12 Throttle Friction Lock...ADJUSTED
- 13 Landing & Strobe Lights.....ON
- 14 Take Off Area.....CLEAR

**LINE UP**

- 01 Water Rudders.....UP
- 02 Throttle.....FULL CK 2700 Rpm  
.....Ck F/F, Oil Press

**AFTER TAKE OFF**

- 01 Flap.....UP
- 02 Power.....80%..25''Hg & 2500 RPM

**CLIMB**

- 01 Fuel Selector Valve.....BALANCE
- 02 Mixture.....LEAN for Placard
- 03 Engine Instruments.....CHECK
- 04 Fuel Qty.....CHECK
- 05 Cowl Flap.....CK OPEN

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**CRUISE**

- 01 **Power**.....CK CRUISE PERF
- 02 **Mixture**.LEAN using EDM 700 & Egt
- 03 **Trims**.....ADJUSTED
- 04 **Cowl Flap**....ADJUST/CK Parameters

**DESCENT**

- 01 **Landing Light**.....ON
- 02 **Power**.....REDUCE CK EGT &CHT
- 03 **Mixture**.....ENRICHEN as rqrd for engine smoothness
- 04 **Cowl Flap**....ADJUST/CK Parameter
- 05 **Fuel Selector Valve**.....BALANCE

**BEFORE LANDING**

- 01 **Seats/Belts/Harnesses**....ADJ/LOCK
- 02 **Auto Pilot**.....OFF
- 03 **Propeller**.....HIGH Rpm
- 04 **Ignition Switch**.....BOTH
- 05 **Mixture**.....RICH
- 06 **Fuel Selector Valve**..FULLEST TNK
- 07 **Cowl Flap**....ADJUST/CK Parameters
- 08 **Water Rudders**.....UP

**GO AROUND**

- 01. **Attitude**.....Vx
- 02. **Pwr**...FULL Throttle and 2700 Rpm
- 03. **Wing Flaps** Retract 20° immediately
- 04. **Cowl Flap**.....OPEN
- 05. **Fuel Q.ty**.....CHECK

**AFTER LANDING**

- 01. **Water Rudders**.....Down (Water)  
.....UP (Gnd)
- 02. **Wing Flaps**.....RETRACT
- 03. **Cowl Flap**.....OPEN
- 04. **Landing & Strobe Lights**.....OFF
- 05. **Trim Controls**.....NEUTRAL
- 06. **Throttle**.....900 Rpm or LESS

**AT THE RAMP**

- 01 **Throttle**.....MINIMUM

**DOCKING/PARKING**

- 01. **Throttle**.....900 Rpm
- 02. **Radios**.....OFF
- 03. **Avionic Power Switch**.....OFF
- 04. **Electrical Equipment**.....OFF
- 05. **Mixture**.....CUT OFF
- 06. **Ignition Switch**.....OFF/Keys Out
- 07. **Master Switch**.....OFF

**LEAVING THE PLANE**

- 01. **Water Rudders**.....UP
- 02. **Throttle**.....IDLE
- 03. **Mixture**.....IDLE/CUT OFF
- 04. **Electrical Equipment**.....OFF
- 05. **Ignition Switch**.....OFF/Keys Out
- 06. **Master Switch**.....OFF
- 07. **Trims Controls**.....NEUTRAL
- 08. **Cabin Doors**.....UNLOCK

**GLASSY LANDING**

- 01. **Flaps**.....20°
- 02. **Attitude**.....POSITIVE
- 03. **Vertical Speed**...Vz max -200ft/min

**PARAMETERS**

<b>V Best Rate</b> .....	91 Kias(s.l.)
<b>Vbest Angle</b> .....	70 Kias (s.l.)
<b>Vbest Glide s.l</b> .....	80 Kias
<b>Vbest Glide (10.000')</b> .....	75Kias
<b>Vnormal Climb</b> .....	100 Kias
<b>Vapp (0°-10°)</b> .....	85/90Kias
<b>Vapp (20°)</b> .....	80 Kias
<b>Vapp (30°)</b> .....	75Kias
<b>Climb Power 80%</b> ...25'Hg & 2500 Rpm	
<b>Cruise Power</b>	
<b>55%</b> ...20'--2300 RPM—1500 °F Peak EGT	
<b>65%</b> ...23'--2300 RPM—1470 °F Best Pwr	
<b>75%</b> ...24'--2400 RPM—1430 °F Best Pwr	