## Aircraft and Simulator Setup

1. Time ..... **As Chosen**
2. Weather ..... **As Chosen**
3. A/C Position ..... **As Chosen**

   **--- IF FLYING ON IVAO ---**

   a. A/C Position ..... **Free of other traffic**
   b. IVAO Pilot Client ..... **Connected**
4. A/C Refueling/Boarding/Loading ..... **Completed**

## Cockpit Inspection

1. STBY PWR Switch ..... **TEST and Hold (Green light for min 10 sec)/ON**
2. EMER LTS Switch ..... **ARM**
3. LANDING GEAR Handle ..... **DOWN**
4. BATT Buttons (Both) ..... **ON, Check Volts**
5. EIS/CAS ..... **Check**
6. XPDR ..... **STBY**
7. External Power Source ..... **As Desired**
   a. EXT PWR Button (if AVAIL illuminated) ..... **ON**
   b. BATT Amps (both) ..... **0 or Charging**

   **---AND/OR---**

   c. APU Knob ..... **ON/START**
   d. External Power ..... **Disconnected**
   e. BATT Amps (both) ..... **0 or Charging**
8. Exterior/Interior Lights ..... **ON/CHECK/OFF, or as Required**

## Cockpit Preparation

1. Cockpit Inspection ..... **Completed**
2. EIS/CAS ..... **Check**
3. Radio Frequencies ..... **Set**
4. ATIS ..... **As Required**
5. Enroute Clearance ..... **As Required**
6. Flight Plan ..... **Entered**
7. Weight and Fuel (MFD GTC: Perf) ..... **Completed**
8. Takeoff Data (MFD GTC: Perf) ..... **Completed**
9. V Speeds ..... **Verify/Set**
10. Pressurization LDG ELEV ..... **Verify/Set**
11. Fuel Quantity and Balance ..... **Check**
12. Trims ..... **Check/Set for Takeoff**
13. Autopilot (First Flight of Day) ..... **Engage/Disengage**
14. APU Knob (if not already started) ..... **ON/START**
15. External Power (if used) ..... **Disconnected**
16. Engine Dry Motor ..... **Consider**

## Before Start

1. EMER/PARK BRAKE Handle ..... **Set (PARK BRAKE ON Displayed)**
2. EIS/CAS ..... **Check**
3. TO/GA ..... **Press**
4. Start-up Clearance ..... **As Required**

## Starting Engines (Using APU)

1. Throttles ..... **IDLE**
2. ENGINE RUN/STOP Button (either engine) ..... **RUN**
3. START Pressure ..... **Verify >= 32 PSI**
4. ENGINE STARTER Button ..... **Push**
5. Engine Instruments ..... **Monitor**
6. Opposite Engine ..... **Repeat Steps 1 to 5**
7. EIS/CAS ..... **Check**

## Before Taxi

1. Flight Controls ..... **Free and Correct/Check**
2. Speedbrakes ..... **Check/Retracted**
3. Flaps ..... **Set for Takeoff**
4. Flight Instruments/Avionics ..... **Check**
   a. Attitude & Heading, Air Data Displays ..... **Aligned/No Flags**
   b. Altimeters ..... **Confirm and Compare (75 feet of field elevation, 50 feet of each other)**
   c. HSI Data Source ..... **As Required/FMS**
5. Autopilot Panel ..... **Check**
   a. FD ..... **As Required/ON**
   b. Heading ..... **As Required/Runway Heading**
   c. Altitude ..... **As Required/Initial Climb Clearance**
6. ENGINE ICE PROTECTION Buttons ..... **As Required**
7. Taxi Clearance ..... **As Required**
8. Off-Block Time ..... **Noted**

## Taxi

1. Exterior Lights ..... **As Required**
2. EMER/PARK BRAKE Handle ..... **Stowed**
3. Brakes ..... **Check**
4. Nosewheel Steering ..... **Check**
5. Thrust Reversers ..... **Check, as Required/Stowed**
   a. Deploy (Reverse Idle) ..... **Verify Green T/R DEPLOY Indications**
   b. Stow ..... **Verify Indications Clear**

## Before Takeoff

1. Flaps ..... **Set for Takeoff**
2. Speedbrakes ..... **Retracted**
3. Trims ..... **Set for Takeoff**
4. Ice Protection Systems ..... **Check, As Required**
5. Radio Frequencies ..... **Set**
6. V Speeds ..... **Displayed**
7. SPD Knob ..... **FMS**
8. Crew Briefing ..... **Complete**
   a. If rolling takeoff planned, add 500 feet to Computed Takeoff Distance
9. Radar ..... **As Required**
10. PITOT/STATIC Button (on icing conditions, within 1 min before takeoff) ..... **ON 15 Seconds then Norm**
11. XPDR ..... **AUTO**
12. Takeoff Clearance ..... **As Required**

**----------CLEARED FOR TAKEOFF----------**

13. Flight Controls ..... **Free**
14. Start Time ..... **Noted**
15. ICE PROTECTION BUTTONS ..... **As Required**
16. Exterior Lights ..... **As Required**
17. EIS/CAS ..... **Check**