



nextGen
SIMULATIONS

BANDEIRANTE

for *Microsoft Flight Simulator*



Checklists

Version 1.5.0 Build 2112 (December 2021)

Normal Procedures Table of Contents

NOTE: These procedures have been modified in comparison with the real EMB-110 procedures, for use with this aircraft on Microsoft Flight Simulator. **DO NOT USE THEM FOR REAL-WORLD FLIGHT!**

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Preliminary Cockpit Preparation

Aircraft Documents.....	CHECKED
Seats, Belts & Pedals.....	ADJUSTED
Parking Brakes.....	SET
Landing Gear Lever.....	DOWN
Battery Switch.....	OFF
External Power.....	IF AVAILABLE
Flaps.....	UP
Thrust Levers.....	IDLE
Propeller Levers.....	MAX RPM
Fuel Levers.....	CUTOFF

Cockpit Preparation

Battery Switch.....	EXT PWR
NAV & COM Radios.....	ON
Transponder.....	STANDBY
Fuel Quantity.....	CHECKED
Fuel Pumps.....	OFF
Fuel Crossfeed.....	OFF
Autopilot.....	OFF
Voltmeters.....	CHECKED
Pitot Heat.....	OFF
Passenger Signs (No Smoking & Fasten Seatbelts).....	ON
Navigation Lights.....	ON
Anti-Collision (Beacon & Strobe) Lights.....	BOTH ON
Inverters 1 & 2.....	BOTH ON
Inertial Separation 1 & 2.....	BOTH OFF
Fire Test.....	PERFORMED
Annunciators Test.....	PERFORMED

Before Start

Flaps.....	SET FOR TAKEOFF
Flight Instruments.....	CHECKED
Altimeters.....	QNH ADJUSTED
ATC Clearance.....	GATHERED
Fuel Pumps.....	ON
Ground Equipment.....	FULLY REMOVED
Doors.....	CLOSED

Engine Start

Inertial Separation 1 & 2	BOTH ON
Left Engine Fuel Pumps.....	ON
Left Engine Starter Switch	ON
Left Fuel Lever.....	FULLY RICH AFTER 10% NH
Left Engine Starter Switch	OFF AFTER ENGINE IS STABLE
Right Engine Fuel Pumps	ON
Right Engine Starter Switch.....	ON
Right Fuel Lever.....	FULLY RICH AFTER 10% NH
Right Engine Starter Switch.....	OFF AFTER ENGINE IS STABLE

After Start

Battery Switch	BAT
External Power	IF AVAILABLE, DISCONNECT
Generators 1 & 2	BOTH ON
Inverters 1 & 2	BOTH ON
Voltimeters.....	CHECKED
Inertial Separation 1 & 2	BOTH ON
NAV & COM Radios	ON
Transponder	STANDBY

Taxi

Taxi Lights.....	ON
Fuel Pumps.....	ON
Fuel Crossfeed	AS REQUIRED
Departure Heading	SET
Radios	ON
Departure Briefing.....	REVIEWED
ATC Clearance.....	GATHERED
Parking Brakes	RELEASED

Before Takeoff

Parking Brakes	SET
Thrust Levers	IDLE
Propeller Levers.....	MAX RPM
Fuel Levers.....	FULL RICH
Transponder	ON
Air Conditioning.....	AS REQUIRED
Flight Instruments	CHECKED
Annunciators Test.....	PERFORMED
Flaps.....	SET FOR TAKEOFF (0% to 25%)

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Before Takeoff (Continued)

Aileron & Rudder Trims..... **CHECK 0%**
 Pitch Trim..... **SET FOR TAKEOFF (GREEN AREA - 0% TO 15% NOSE UP)**
 Flight Controls **CHECKED**
 Yaw Damper **ON**
 Flight Director **ON**

Cleared/Ready for Takeoff

Pitot/Static Heat..... **ON**
 Auto Feather..... **ARMED**
 Inertial Separation 1 & 2 **BOTH ON**
 Exterior Lights **CHECKED**

After Takeoff/Climb

Landing Gear..... **LEVER UP/LIGHTS OUT**
 Flaps (clear of obstacles and $V_2 + 10$) **UP**
 Thrust Levers **90%**
 Propeller Levers..... **90%**
 Auto Feather..... **OFF**
 Propeller Sync..... **ON**
 Taxi Lights..... **OFF**
 Engine Instruments..... **CHECKED**
 Autopilot..... **ON ABOVE 3000FT**
 Landing Lights **OFF ABOVE 10000FT**

Cruise

Propeller Sync..... **ON**
 Propeller Levers..... **50% TO 60%**
 Thrust Levers **60%**
 Seatbelt Sign **AS REQUIRED**
 Landing Lights **OFF ABOVE 10000FT**
 Altimeters **QNH ADJUSTED**

Descent

No Smoking & Fasten Seatbelts Signs **BOTH ON**
 Arrival Briefing **REVIEWED**
 Landing Lights **ON BELOW 10000FT**
 Autopilot..... **OFF BELOW 3000FT**
 Altimeters **QNH ADJUSTED**

Approach

Altimeters **QNH ADJUSTED**
 Auto Feather..... **ARMED**
 Propeller Sync..... **OFF**
 Propeller Levers..... **MAX RPM**
 Flaps..... **SET FOR APPROACH (40% TO 50%)**
 Landing Gear..... **DOWN/THREE GREEN**
 Exterior Lights..... **CHECKED**

Landing (On Final)

Landing Gear..... **DOWN/THREE GREEN**
 Flaps..... **SET FOR LANDING (75% TO 100%)**
 Inertial Separation 1 & 2 **AS REQUIRED**
 Exterior Lights..... **CHECKED**
 Autopilot..... **OFF**

All Engines Go-Around

TO/GA Button..... **Push**
 Thrust Levers..... **FULL FORWARD**
 Pitch Attitude..... **8° INITIALLY, THEN AS REQUIRED**
 Flaps..... **25%**
 Landing Gear (positive climb)..... **UP/LIGHTS OUT**
 Flaps..... **AS REQUIRED**
 Yaw Damper..... **ON**
 Autopilot..... **AS DESIRED**

After Landing

Propeller Levers..... **MAX RPM**
 Fuel Levers..... **LOW (50%)**
 Landing Lights..... **OFF**
 Inertial Separation 1 & 2 **AS REQUIRED**
 Pitot/Static Heat..... **OFF**
 Auto Feather..... **OFF**
 Flaps..... **0%**
 Aileron & Rudder Trims..... **CHECK 0%**

Shutdown

Parking Brakes	SET/WHEELS CHOCKED
Taxi Lights.....	OFF
Thrust Levers	IDLE
Propeller Levers.....	MIN RPM
Fuel Levers.....	CUTOFF
Inverters 1 & 2	BOTH OFF
Generators 1 & 2	BOTH OFF
Fuel Crossfeed	OFF
Fuel Pumps.....	OFF