

EMBRAER 110 (Bandeirante)

ESPAÑOL / ENGLISH

PROCEDIMIENTOS

Antes de partir

- Combustible – SEGÚN
- Puerta principal – ABRIR
- Freno de parqueo - PONER
- Todos los interruptores - OFF
- Planta en tierra - ON
- Luces Panel, Cabina pilotaje, Cabina pasajeros - SEGUN
- Nav, No fumar, Cinturones - ON

Arranque

- Beacon - ON
- Puerta principal - CERRAR
- Limpia parabrisas, Separador inercial - SEGUN
- Mandos Gases - MINIMA
- Mandos Hélices - MAXIMA
- Mandos Combustible - CERRAR
- Convertidores - ON
- Bomba de combustible Aux. Motor 2 - AUTO
- Bomba de combustible Princ. Motor 2 - ON
- Partida Motor 2 - ENCENDIDO
- Con RPM Gases 12%, Mando Combustible Motor 2 - MINIMA
- Con Motor 2 arrancado, Generador 2 - ON
- Bomba de combustible Aux. Motor 1 - AUTO
- Bomba de combustible Princ. Motor 1 - ON
- Partida Motor 1 - ENCENDIDO
- Con RPM Gases 12%, Mando Combustible Motor 1 - MINIMA
- Con Motor 1 arrancado, Generador 1 ON
- Batería – ON

Rodaje a pista activa

- Luces Taxi – SEGÚN
- Bomba recalque, Autofeather - ON
- Frenos de parqueo – LIBERAR
- Flaps - 25%

Carrera y Despegue

- Limpia parabrisas – OFF
- Separador inercial - SEGUN
- Landing, Strobes - ON
- Acelerar Torque ~ 1300 lbs

- Controlar con steering hasta 40 KIAS, resto con pedales
- Rotar y despegar ~ 90 KIAS

Ascenso

- Climb positivo recoger trenes y chequear - ARRIBA
- A 120 Knots y más 400 fts Flaps - 0%
- Bomba recalque, Autofeather - OFF
- Sincronizador de Propelas - ON
- Luces Taxi, Landing - OFF
- Torque ~ 1300 lbs
- RPM Propelas - 91%
- Máximo régimen de ascenso -1000 fts/min.

Crucero

- Máximo permitido - 12000 fts
- Torque ~ 1300 lbs
- RPM Propelas - 83%

Descenso

- Reducir potencia
- Máximo descenso - 1000 fts/min.
- Ajustar potencia

Aproximación

- Ajustar potencia
- RPM Propelas - 91%
- Por debajo de 180 KIAS flaps - 25%
- Bomba recalque, Autofeather - ON
- Sincronizador de Propelas - OFF
- Luces Taxi, Landing - ON
- Flaps - 50%
- Flaps - 75%
- Por debajo de 140 KIAS Trenes - ABAJO

Aterrizaje

- En final Flaps -100%
- Velocidad final ~100 KIAS
- Con aterrizaje asegurado gases – MINIMA
- Propelas - MAXIMA
- Con trenes en pista reversos – PONER
- A menos de 60 KIAS reversos - QUITAR
- Frenos diferenciales - SEGUN
- Flaps - 0%
- Landing, Strobes - OFF

Rodaje a rampa

- Limpia parabrisas, Separador inercial - SEGUN
- Beacon – ON

Apagado

- Freno de parqueo - PONER
- Gases - MINIMA
- Combustible - CERRAR
- Con motores apagados puerta principal - ABRIR
- Todos los interruptores – OFF

PROCEDURES

Before taking off

- Fuel – DEPENDS
- Main door – OPEN
- Parking break - LOCK
- All switches - OFF
- Ground plant - ON
- Panel lights, cockpit, passengers cabin – DEPENDS
- Nav, No smoking, Seatbelts - ON

Starting

- Beacon - ON
- Main door - CLOSE
- Windshield wipers, Inertial separator - DEPENDS
- Throttle control - MINIMUM
- Propellers control - MAXIMUM
- Fuel mesh control - CLOSE
- Converters - ON
- Fuel pump Aux. Engine 2 - AUTO
- Fuel pump Main Engine 2 - ON
- Starting engine 2 - ON
- With RPM Gas 12%, Fuel mesh engine 2 - MINIMUM
- With engine 2 running, Generator 2 - ON
- Fuel pump Aux. Engine 1 - AUTO
- Fuel pump Main Engine 1 - ON
- Starting engine 1 - ON
- With RPM Gas 12%, Fuel mesh engine 1 - MINIMUM
- With engine 2 running, Generator 1 - ON
- Battery – ON

Taxing to active runway

- Taxi lights – DEPENDS
- Extra hydraulic pump, Auto-feather - ON
- Parking brakes – RELEASE
- Flaps - 25%

Run and takeoff

- Windshield wipers – OFF
- Inertial separator - SEGUN
- Landing, Strokes - ON
- Gas for torque ~ 1300 lbs
- Take control with steering until 40 KIAS, after with rudder
- Rotate and takeoff ~ 90 KIAS

Climb

- With climb retract gears and check - UP
- Beyond 120 Knots and 400 fts high Flaps - 0%
- Extra hydraulic pump, Auto-feather - OFF
- Propellers synchronizer- ON
- Taxi, Landing lights - OFF
- Torque ~ 1300 lbs
- RPM Propellers - 91%
- Max. climb rate -1000 fts/min.

Cruise

- Max. altitude- 12000 fts
- Torque ~ 1300 lbs
- RPM Propellers - 83%

Descend

- Reduce speed
- Max. descend rate - 1000 fts/min.
- Adjust speed

Approach

- Adjust speed
- RPM propellers - 91%
- Below 180 KIAS flaps - 25%
- Extra hydraulic pump, Auto-feather - ON
- Propellers synchronizer- ON
- Taxi, Landing lights - ON
- Flaps - 50%
- Flaps - 75%
- Below 140 KIAS Gears - DOWN

Landing

- On final Flaps -100%
- Final speed ~100 KIAS
- With secure landing Throttle – MINIMUM
- Propellers control - MAXIMUM
- On touch all gears apply reverse – PONER
- Less 60 KIAS reverse - QUITAR
- Brakes - SEGUN
- Flaps - 0%
- Landing, Strobes - OFF

Taxing to ramp

- Windshield wipers, Inertial separator - SEGUN
- Beacon – ON

Shutoff

- Parking brakes - LOCK
- Throttles - MINIMUM
- Fuel keys - CLOSE
- With engine off main door - OPEN
- All switches – OFF