

EJA GROUP | E170 SERIES SOP



Identifier: EIA-SOP-E170

Versions: E170-100 (LR/STD/SE)

Operator: EJA Air

1.

THE EJA MISSION: "PREMIUM EFFICIENCY"

EJA Air is a premium carrier focusing on a high-end experience and a strict "Green" footprint.

- **Directs Policy:** Pilots are encouraged to request "Direct To" waypoints from ATC to reduce track miles.
- **Fuel Management:** Use **Cost Index (CI) 15** for standard operations and **CI 30** for recovery flights.
- **Engine Taxi:** Perform a **Single Engine Taxi Out (Engine #2)** whenever possible to conserve fuel.

2.

PRE-FLIGHT & SETUP

MCDU Initialization

- **Cost Index:** 15 (Standard).
- **Flex Temp:** Always use **FLEX (Reduced Thrust)** takeoff unless runway length or performance requires **TO-1**.
- **Thrust Reduction/Acceleration:** Standard **1500/1500 AGL**.

Passenger Comfort

- **APU Usage:** Start the APU **10 minutes prior to boarding** to ensure cabin climate control is optimal.

3.

FLIGHT PHASE STANDARDS

Takeoff & Climb

- **Standard Climb:** 250 KIAS below 10,000ft.
- **I-E (Ice Protection):** If OAT is below 10°C with visible moisture, ensure Engine and Wing Anti-Ice are set to **ALL** or **AUTO**.

Cruise

- **Direct-to-Fix:** Actively monitor the display to shave miles off the route.
- **Step Climbs:** The E170 reaches its efficiency peak early. For flights over 60 minutes, aim for **FL340–FL380**.

Approach & Landing

- **Stabilized Approach:** E170 is sensitive to energy management; aim to be fully configured (**Flaps Full/5**) by **1,000ft AGL**.
- **Autoland:** The E170 is **CAT II** capable. Authorized at hubs during LVP.
- **Braking:** Use **Med** auto-brake for shorter regional strips and **Low** for runways >2500m.

4.

CABIN & PREMIUM SERVICE

- **Seatbelt Sign:** Turn off as soon as passing 10,000ft if stable to begin premium service.
- **PA Announcements:** Pilots must provide a "Welcome Aboard" and a "Top of Descent" briefing.

5.

E170 SPECIFIC LIMITATIONS

Parameter	Limit
Max Crosswind (Dry)	28 kts (Takeoff/Landing)
Max Operating Alt	FL410
Landing Gear Extension (V_{LO})	250 kts
Flaps 1 Extension Speed	230 kts
Flaps Full Extension Speed	165 kts