

**AIRPLANE WEIGHING FORM****LEGACY**
BY EMBRAER

Model EMB-135BJ	Serial Number 145540	Airplane Register EC-IIR	Category TRANSPORT
Date Weighed 4/11/2006	Place Weighed EMBRAER-GPX	Condition LEVELED	Change Date

1.- C.G. VARIATIONS LIMITS, IN VARIOUS LOADING CONDITIONS ACCORDING TO SPECIFICATIONS:**1.1 - For Take off and Landing conditions:**

- From 27,5 % to 35,0 % MAC for weight equal to: 22500 (Kgf)
- From 19,3 % to 35,0 % MAC for weight equal to: 18500 (Kgf)
- From 15,0 % to 35,0 % MAC for weights equal or less than: 14500 (Kgf)
- 15,0 % MAC for weight equal to: 14000 (Kgf)
- 30,0 % MAC for weight equal to: 13000 (Kgf)
- 35,0 % MAC for weight equal to: 13313 (Kgf)

1.2 - For Flight conditions :

- From 27,5 % to 35,0 % MAC for weight equal to: 22500 (Kgf)
- From 24,4 % to 35,0 % MAC for weight equal to: 22000 (Kgf)
- From 17,3 % to 35,0 % MAC for weight equal to: 18500 (Kgf)
- From 15,0 % to 35,0 % MAC for weights equal or less than: 16360 (Kgf)
- 15 % MAC for weight equal to: 14000 (Kgf)
- 30,0 % MAC for weight equal to: 13000 (Kgf)
- 35,0 % MAC for weight equal to: 13313 (Kgf)

2 - STRAIGHT LINE VARIATIONS BETWEEN POINTS GIVEN.

- 2.1 - Maximum Take off weight** 22500 (Kgf)
- 2.2 - Maximum landing weight:** 18500 (Kgf)
- 2.3 - Maximum zero fuel weight:** 16000 (Kgf)

***** COLUMN 1 *****

ITEMS WEIGHED BUT NOT PART OF EMPTY WEIGHT	WEIGHT	ARM	MOMENT
	(Kgf)	(m)	(kgf*m)
Hydraulic fluid	34,00	15,450	525,30
Engine oil	24,00	18,787	450,89
APU oil	2,00	23,644	47,29
Wing Unusable undrainable fuel	8,11	12,734	103,27
Underbelly Unusable undrainable fuel	7,30	9,462	69,07
Rear Tank Unusable undrainable fuel	2,43	20,293	49,31
Water undrainable	0,00	12,974	0,00
TOTAL	77,84	15,996	1245,13

***** COLUMN 2 *****

BASIC ITEMS NOT IN AIRPLANE WHEN WEIGHED.	WEIGHT	ARM	MOMENT
	(Kgf)	(m)	(kgf*m)
TOTAL	0,00	0,000	0,00

Weighing Status: FINAL

Quality Assurance

File Name: EMB 135BJ Rev.1

ERIC CONSOLI
ENGINEERING COORDINATOR
CHAPA 368985
CREA/IMG 84131/D