

EC-100

Aircraft Model : **B747-341**
 Max. Take Off Weight : 377.842 Kgs
 Max. Landing Weight : 285.762 Kgs
 Max. Zero Fuel Weight : 242.671 Kgs
 Engine Type : CF6-80C2
 Engine Manufacturer : General Electric
 Seating Capacity : 412 pax
 Seating Configuration : 12G - 54C - 346Y
 Section Configuration
 OA 12G+8Y; OB 46C; OC 116Y; OD 88Y; OE 142Y

Basic Empty Weight : 174.007 Kgs
Basic Index : 58,61

Corrections to BW and BI, to obtain the DOW and DOI, for different kind off flights

Corrections for Crew

	kgs	UI
3 Cockpit Crew	255	-1,25
4 Cockpit Crew	340	-1,65
5 Cockpit Crew	425	-2,04
6 Cockpit Crew	510	-2,30
9 Cabin Crew	675	-0,21
10 Cabin Crew	750	-0,40
11 Cabin Crew	825	-0,26
12 Cabin Crew	900	-0,50
13 Cabin Crew	975	-0,51
14 Cabin Crew	1.050	-0,83
15 Cabin Crew	1.125	-1,15
16 Cabin Crew	1.200	-1,01

Spares (1) 426 -1,69

Corrections for Pantry

PLM Flights 4.166 -3,00

EC-JHD

Aircraft Model : **B747-200**
 Max. Take Off Weight : 377.842 Kgs
 Max. Landing Weight : 285.762 Kg.
 Max. Zero Fuel Weight : 238.816 Kg
 Engine Type : CF6-50E2
 Engine Manufacturer : General Electric
 Seating Capacity : 471 pax
 Seating Configuration : 22C.-75Y.-374M
 Section Configuration
 OA 22C; OB 75Y; OC 124M; OD 102M; OE 148M

Basic Empty Weight :172.377 Kgs
Basic Index : 76,74 UI

Corrections to BW and BI, to obtain the DOW and DOI, for different kind off flights

Corrections for Crew

	kgs	UI
3 Cockpit Crew	255	-1,25
4 Cockpit Crew	340	-1,65
5 Cockpit Crew	425	-2,04
6 Cockpit Crew	510	-2,32
10 Cabin Crew	750	-0,05
11 Cabin Crew	825	-0,24
12 Cabin Crew	900	-0,56
13 Cabin Crew	975	-0,42
14 Cabin Crew	1.050	-0,43
15 Cabin Crew	1.125	-0,62
16 Cabin Crew	1.200	-0,94

Spares (1) 426 -1,69

Corrections for Pantry

PLM Flights 4.339 -3,50

Notes:

Catering for Flight Transatlantic PLM Flights, carrying in Holds, have consideration de cargo, the weight is total 470 Kg. by container AKE (all in), the same weight must be considerate for both flights (go and come back). Pantry only include the Catering

The optimum ZFW MAC for save fuel must be between 26 and 29 %

Caution, when the tourist class is not full, the passengers for this class must be distribute between cabins C, D & E, in average, always this must be possible, other distribution, generate displeasure and protest in the passengers

(1) The spare is located in one AKE Cargo 1 Position 11L

Passenger mass (JAR OPS 1.620) :Holiday Charters, All adults 76 Kg, All flights except holiday charters All adults 84 Kgs.; Childs for All flights 35 Kg.

Baggage mass (JAR OPS 1.620),standard mass: For Domestic flights 11Kg., Within European 13 Kgs, Intercontinental 15 Kg., All others 13 Kg.,.

On any flight identified as carrying a significant number of passengers whose masses, including hand baggage, are expected to exceed the standard passenger mass, an operator must determine the actual mass of such passengers by weighing or by adding an adequate mass increment.

CARGO LOAD LIMITATIONS

UNIT LOAD DEVICE DETAILS			
Type Code	Tare Weight	Max. Gross Weight	Remarks
PA	115	4.625	88" x 125"
P1P	121	4.625	88" x 125"
PM	125	5.035	96" x 125"
PL	80	3.175	60" x 125"
AAP	230	4.625	88" x 125"
AKE	80	1.587	60" x 61,5"

MAXIMUN GROSS WEIGHT HOLD'S CARGO COMPARTMENT AIRCRAFT EC-100

 Fwd Hold compt. **1+2 = 26.489 Kgs.** / Aft. Hold compt. **3+4 = 22.938 Kgs.** / Bulk Compt. **6.749 Kgs.**

Maximum gross weight in each main cargo compartment, is limited by the sum of limits the units loads devices loaded in the compartment. Bulk gross weight limits sections: F=2340 Kg. G=1950 Kg. H=1470 Kg. I=1035 Kg.

MAXIMUMS GROSS WEIGHT HOLD'S CARGO COMPARTMENT AIRCRAFT EC-JHD

Compartment Number	1	2	3	4	Bulk
Max. Gross Weight by Compartment	6.350	20.140	9.660	12.690	3.080
Total Gross Weight limitation by Hold	21.530		19.120		
Combined load limitations not to be check , replaced by total hold limitation above					
Bulk gross weight limits sections (Kg.): Sec. 51+54 460+930 Sec.55 890 Sec. 52+56 240+240 Sec. 53+57 160+160					