

**B777-300ER**  
**IATA AHM560 DATA**  
**LIST OF EFFECTIVE PAGES**  
**REV 67**

*Pages/Sheets that are common to all A/C Types. Located in .PDF file "THY-AHM560\_FOREWORD.pdf"*

PAGE NO	ISSUE DATE	REV NO	ACTION FOR PAGES	SHEET NO	PAGE DESCRIPTION
00.00	-	-	-	-	Title Page
01.00	-	-	-	-	Contents
02.00	01Jan06	-	-	-	General Info
02.01	01Jan06	-	-	A1,A2	Contact Address.
02.02	01Jan06	-	-	B1,B2	Passenger & baggage weights/ crew weights
02.03	01Jan06	-	-	-	DOW and DOI specifications / Special Information
02.04	01Jan06	-	-	-	Load&Trim Sheet Information
09.00	17Jan18	-	Updated	-	List Of Effective Pages / Revision Highlights
09.01	22May09	-	-	C2,C3	Basic Index and MAC formula/ Stabilizer Trim Settings/A/C Registration., Wt Index Details
09.02	17Jan18	-	Updated	-	A/C Basic & Dry Operating Weight & Index Table
09.02A	05May17	-	-	-	A/C Basic & Dry Operating Weight & Index Table
09.03	05May17	-	-	-	Pantry Codes (Catering)
09.04	04Aug17	-	-	C4	Aircraft Weight Limitations, LMC Information
09.05	29May17	-	-	C5	CG Limits for Loadsheet Purpose
09.05A	05May17	-	-	C5	CG Limits for Loadsheet Purpose
09.06	07Feb11	-	-	C6	Effect of Fuel - Apu / Taxi Fuel Weight
09.07	13Oct17	-	-	C7	Cockpit Index, Cabin Crew Seats, Crew Distr.
09.08	22May09	-	-	C8	Galley/Pantry Weight&codes
09.09	29May17	-	-	C9	Passenger Seats Average Station (Cabin Areas)
09.10	22May09	-	-	C10	Seating Layout Code Letters
09.11	27May16	-	-	C11	Seat Plan Layout – JJI
09.11A	29Jun16	-	-	C11	Seat Plan Layout – TC-JJE,-JF,-JG,-JH,-JI,-JJ,-JJK, -JL,-JM-JN,-JO,-JP,-JR,-JS,-JT,-JU
09.11B	29May17	-	-	C11	Seat Plan Layout – JJV,JY,JZ,-LJA,-LJB,-LJC,-LJD,-E,-F,-G,-H,-I,-J,-K
09.11C	28Apr16	-	-	C11	Seat Plan Layout– TC-LKA,-LKB,-LKC
09.12	27Sep11	-	-	C12	Details For Compartment Trim
09.13	24Feb12	-	-	C13	Details For Bay/Section Trim
09.13A	24Feb12	-	-	C13	Details For Bay/Section Trim
09.14	19Jan12	-	-	C14,D1 D2,D3	BALLAST,CG LIMITS / Ideal Trim Line, Unit Load Devices / Special Load
09.15	Dec14	-	-	-	Load&Trim Sheet TC-JJE....,JJP
09.16	May14	-	-	-	Load&Trim Sheet TC-JJR...,JZ,-LJA,.....,-LJK
09.17	25Mar16	-	-	-	Load&Trim Sheet TC-LKA...LKC

REV NO	REVISION DESCRIPTION
67	TC-JJH BW/BI changed due to weighing
66	TC-JJI, JJU BW/BI changed due to weighing
65	New cabin location added.
64	LMC values are updated
63	TC-LJK New Aircraft
62	TC-LKA,-LKB,-LKC CG limits changed
61	TC-JJI BW/BI changed due to cabin modification
60	TC-LJJ New Aircraft
59	TC-JJJ BW/BI changed due to cabin modification
58	TC-LJI New Aircraft
57	TC-LJH New Aircraft and TC-JJK BW/BI changed due to cabin modification
56	TC-LKA BW/BI changed due to weighing and fwd to cg limit changed
55	TC-JJH BW/BI changed due to cabin modification
54	TC-JJM BW/BI changed due to cabin modification
53	TC-LJG New Aircraft
52	TC-LKA,-LKB,-LKC New Aircrafts joined THY fleet.
51	TC-JJE,-JJG,-JJL,-JJN,-JJP BW/BI changed due to engineering orders
50	TC-LJF New Aircraft
49	TC-JJF,TC-JJO cabin configuration changed to 49C/300Y
48	TC-JJE,-JJP cabin configuration changed to 49C/300Y
47	TC-JJG cabin configuration changed to 49C/300Y
46	TC-LJE New Aircraft
45	TC-JJN cabin configuration changed to 49C/300Y
44	TC-LJD new aircraft. TC-JJL cabin configuration changed to 49C/300Y
43	Alternate Forward Take-off CG limits added.
42	TC-LJC new aircraft.
41	TC-LJB new aircraft, TC-JJP BW/BI changed due to weighing
40	TC-JJO BW/BI changed due to weighing
39	TC-JJN BW/BI changed due to weighing
38	TC-LJA new aircraft
37	TC-JJZ new aircraft
36	TC-JJV and TC-JJY new aircrafts.
35	TC-JJM BW/BI changed due to weighing
34	TC-JJK BW/BI changed due to weighing
33	TC-JJL BW/BI changed due to weighing
33	TC-JJM seatplan modified by addition of seat row 13, pages rearranged
32	TC-JJJ BW/BI changed due to weighing
32	TC-JJJ,JJP seatplan modified by addition of seat row 13
31	TC-JJI BW/BI changed due to weighing
31	TC-JJN,JJO seatplan modified by addition of seat row 13
30	TC-JJU new aircraft
30	TC-JJG BW/BI changed due to weighing
30	TC-JJI seatplan modified by addition of seat row 13
29	TC-JJE,JJH seatplan modified by addition of seat row 13
28	TC-JJG seatplan modified by addition of seat row 13
27	TC-JJT new aircraft
27	TC-JJE,JJF,JJH BW/BI changed due to weighing
27	TC-JJF,JJK,JJL seatplan modified by addition of seat row 13
26	TC-JJS new aircraft
25	TC-JJR new aircraft
25	Cabin crew distribution updated
24	Influence of potable water on DOW/DOI updated. New potable water ratios defined.
23	LMC values are updated
22	Pantry index values are changed
22	Re-arrangement of "Details For Bay/Section Trim" page
21	All pantry codes are amended. Ideal trim line defined.
21	You may remove JJD from your systems as they are re-delivered.
20	TC-JJP new aircraft

## REVISION HIGHLIGHTS

REV NO	REVISION DESCRIPTION
19	TC-JJO new aircraft
19	You may remove JJA & JJB & JJC from your systems as they are re-delivered
18	TC-JJN new aircraft
17	TC-JJM new aircraft
16	TC-JJL new aircraft

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 2
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**2. BASIC INDEX AND MAC FORMULA**

**2.1. Examples and definitions**

$$\text{Index} = \frac{W \times (\text{Station} - \text{Ref.Sta.})}{C} + K$$

$$\% \text{ MAC} = \frac{\frac{(C \times (I - K))}{W} + \text{Ref.Sta.} - \text{LEMAC}}{\frac{\text{MAC}}{100}}$$

- W = Weight , actual [kg]
- Station = Station, Horizontal distance in inches or meters from station zero
- Ref.Station = Reference Station/axis. Selected station around which all index values are calculated
- K = Constant used as a plus value to avoid negative index figures
- C = Constant used as a Denominator to convert moment values into index values
- I = Index value corresponding to respective weight
- MAC = Length of Mean Aerodynamic Chord in inches or meters
- LEMAC = Horizontal Distance in inches or meters from the station zero to location of the leading EDGE of the MAC.

**2.2. Index formula**

- Ref.Station. at = **1258** inches from zero
- K (Constant) = **50**
- C (Constant) = **300000**

**2.3. MAC Information**

- Length of MAC = **278.5** inches
- LEMAC at = **1174.5** inches from zero

**2.4. Stabilizer Trim Setting**

Do not print Stabilizer Trim Setting Value on Loadsheets

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 3
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**3. AIRCRAFT REGISTRATIONS, WEIGHT AND INDEX DETAILS**

DRY OPERATING WEIGHT

BASIC WEIGHT

X

X

A list of weight and index values for each aircraft registration is given on next page.

A/C BASIC & DRY OPERATING WEIGHT & INDEX TABLE

A/C Type	MSN	A/C Reg.	Number of Seats	Basic*(crew(0/0))		How to calculate DOW/DOI? Basic Weight/Index (Full potable water tank) + Cockpit Crew Total Weight/Index + Cabin Crew Total Weight/Index + Pantry Weight/Index = Dry Operating Weight/Index
				Weight	Index	
B777-300ER	40707	TC-JJE	349	170201	39.2	If actual is different , then make necessary adjustments
B777-300ER	40708	TC-JJF	349	170238	39.8	
B777-300ER	40791	TC-JJG	349	170374	39.7	
B777-300ER	40792	TC-JJH	349	170109	41.8	
B777-300ER	40709	TC-JJI	349	169888	41.7	
B777-300ER	40710	TC-JJJ	349	170243	39.5	
B777-300ER	40711	TC-JJK	349	170065	39.7	
B777-300ER	40793	TC-JJL	349	170235	39.3	
B777-300ER	40794	TC-JJM	349	170227	39.4	
B777-300ER	40795	TC-JJN	349	170425	39.1	
B777-300ER	40796	TC-JJO	349	170264	39.9	
B777-300ER	40797	TC-JJP	349	170142	39.5	
B777-300ER	44116	TC-JJR	349	168910	39.2	
B777-300ER	44117	TC-JJS	349	168887	39.4	
B777-300ER	44118	TC-JJT	349	168834	41.0	
B777-300ER	60401	TC-JJU	349	169201	39.1	
B777-300ER	44119	TC-JJV	349	168788	39.1	
B777-300ER	44120	TC-JJY	349	168756	39.2	
B777-300ER	44122	TC-JJZ	349	168682	39.2	
B777-300ER	44121	TC-LJA	349	168653	39.1	
B777-300ER	44124	TC-LJB	349	168757	39.2	
B777-300ER	44123	TC-LJC	349	168641	39.3	
B777-300ER	44125	TC-LJD	349	168800	39.4	
B777-300ER	44126	TC-LJE	349	168817	39.2	
B777-300ER	44127	TC-LJF	349	168851	39.2	
B777-300ER	44128	TC-LJG	349	169053	39.3	
B777-300ER	44129	TC-LJH	349	169009	39.5	
B777-300ER	44130	TC-LJI	349	168980	39.6	
B777-300ER	60405	TC-LJJ	349	169015	39.5	
B777-300ER	60402	TC-LJK	349	169085	39.4	

A/C Reg.	A/C Limitations	
JJE,....JJZ -LJA,....LJE, F,G,H,I,J,K LKA,B,C,	MTAXI	352441 KG
	MTOW	351534 KG
	MLDW	251290 KG
	MZFW	237682 KG

COCKPIT CREW TOTAL EFFECT			INFLUENCE OF POTABLE WATER ON DOW/DOI		
Cockpit Crew No/Locations	WEIGHT	INDEX			
2 COCKPIT CREW	170	-0.7	7/8 POTABLE WATER	Subtract 167KG	Subtract 0.6IU
3 COCKPIT CREW	255	-1.1	6/8 POTABLE WATER	Subtract 335KG	Subtract 1.1IU
4 COCKPIT CREW	340	-1.4	5/8 POTABLE WATER	Subtract 502 KG	Subtract 1.6IU
CABIN CREW TOTAL EFFECT			4/8 POTABLE WATER	Subtract 670KG	Subtract 2.2IU
Cabin Crew No/Locations	WEIGHT	INDEX	3/8 POTABLE WATER	Subtract 837KG	Subtract 2.8IU
10 CABIN CREW (2 Fwd+5 Mid +3 Aft)	750	-0.2	2/8 POTABLE WATER	Subtract 1004KG	Subtract 3.3IU
11 CABIN CREW (2 Fwd+6 Mid +3 Aft)	825	-0.2	1/8 POTABLE WATER	Subtract 1172KG	Subtract 3.9IU
12 CABIN CREW (2 Fwd+7 Mid +3 Aft)	900	-0.3			
13 CABIN CREW (3 Fwd+7 Mid +3 Aft)	975	-0.6			
14 CABIN CREW (4 Fwd+7 Mid +3 Aft)	1050	-0.8			
15 CABIN CREW (4 Fwd+8 Mid +3 Aft)	1125	-0.9			
16 CABIN CREW (5 Fwd+8 Mid +3 Aft)	1200	-1.2			
17 CABIN CREW (5 Fwd+8 Mid +4 Aft)	1275	-0.9			
18 CABIN CREW (5 Fwd+8 Mid +5 Aft)	1350	-0.7			
19 CABIN CREW (5 Fwd+8 Mid +6 Aft)	1425	-0.5			

PANTRY (CATERING) STANDARD W/I TABLE IS ON PAGE 09.03

\*Basic Wt/Index includes: Cockpit & A/C Documents, Potable Water Tanks Full, Skylife Magazine, Tare empty Weight of all Trolleys & Galley Equipment (hotcup, hotjug, etc.). If some items or equipment are NOT carried make necessary adjustments

Dry Operating Weight/Index does NOT include Toolkit Box. Check if they are carried in cargo compartment. It should be shown as "Load in compartments" (distribution) on loadsheet as "Equipment in compartment"

**TOOLKITBOX = 30 KG**

CONTAINERS AND PALLETS (ULD-Unit Load Devices) :

- Tare weight of Containers and Pallets (ULD) should NOT be included in Dry Operating weight/Index.
- Tare weight of ULD should be shown within GROSS load in position (added to net cargo/bag weight in ULD position).
- GROSS load (sum of Net cargo/bag weight + pallet/container tare weight) should be shown in "LOAD IN COMPARTMENTS" in "DISTRIBUTION" column of LOADSHEET

CREW BAGGAGE (in BULK Cargo Compartment) : For Longhaul flights and for flights that crew stays overnight at destination, additional CREW BAGGAGE, standard bag weight of 15 kg per crew member is carried. This load is NOT included in above DOW/DOI, and it should be shown as 'LOAD IN COMPARTMENT - DISTRIBUTION' in Loadsheets

\* Refer to "DOW-DOI\_Table-B777-300ER" file for several possible standard cockpit/cabin crew , pantry codes & potable water tanks fill ratio.  
DOI calculation remark : During Index Calculations due to DCS system rounding (or truncating), approximately +/- 0.3 index difference is acceptable.



**A/C BASIC & DRY OPERATING WEIGHT & INDEX TABLE**

A/C Type	MSN	A/C Reg.	Number of Seats	Basic*(crew(0/0))		How to calculate DOW/DOI? Basic Weight/Index (Full potable water tank) + Cockpit Crew Total Weight/Index + Cabin Crew Total Weight/Index + Pantry Weight/Index = Dry Operating Weight/Index												
				Weight	Index													
B777-300ER	41818	TC-LKA	400	166683	41.1													
B777-300ER	41819	TC-LKB	400	166043	41.4													
B777-300ER	42097	TC-LKC	400	167809	40.5													
						If actual is different , then make necessary adjustments  <table border="1"> <thead> <tr> <th>A/C Reg.</th> <th colspan="2">A/C Limitations</th> </tr> </thead> <tbody> <tr> <td rowspan="4">TC-LKA,-LKB,-LKC,</td> <td>MTAXI</td> <td>352441 KG</td> </tr> <tr> <td>MTOW</td> <td>351534 KG</td> </tr> <tr> <td>MLDW</td> <td>251290 KG</td> </tr> <tr> <td>MZFW</td> <td>237682 KG</td> </tr> </tbody> </table>	A/C Reg.	A/C Limitations		TC-LKA,-LKB,-LKC,	MTAXI	352441 KG	MTOW	351534 KG	MLDW	251290 KG	MZFW	237682 KG
A/C Reg.	A/C Limitations																	
TC-LKA,-LKB,-LKC,	MTAXI	352441 KG																
	MTOW	351534 KG																
	MLDW	251290 KG																
	MZFW	237682 KG																
<b>COCKPIT CREW TOTAL EFFECT</b>							BW/BI value in the above table already includes potable water with FULL (8/8) tank(1339 kg/4.4 Index) .If potable water tanks are different, adjust DOW & DOI in proper ratios according to below table											
<b>Cockpit Crew No/Locations</b>			<b>WEIGHT</b>	<b>INDEX</b>														
2 COCKPIT CREW			170	-0.7														
3 COCKPIT CREW			255	-1.1														
4 COCKPIT CREW			340	-1.4														
<b>CABIN CREW TOTAL EFFECT</b>						<b>INFLUENCE OF POTABLE WATER ON DOW/DOI</b>												
<b>Cabin Crew No/Locations</b>			<b>WEIGHT</b>	<b>INDEX</b>														
10 CABIN CREW (2 Fwd+5 Mid +3 Aft)			750	-0.2														
11 CABIN CREW (2 Fwd+6 Mid +3 Aft)			825	-0.2														
12 CABIN CREW (2 Fwd+7 Mid +3 Aft)			900	-0.3														
13 CABIN CREW (3 Fwd+7 Mid +3 Aft)			975	-0.6														
14 CABIN CREW (4 Fwd+7 Mid +3 Aft)			1050	-0.8														
15 CABIN CREW (4 Fwd+8 Mid +3 Aft)			1125	-0.9														
16 CABIN CREW (5 Fwd+8 Mid +3 Aft)			1200	-1.2														
17 CABIN CREW (5 Fwd+8 Mid +4 Aft)			1275	-0.9														
18 CABIN CREW (5 Fwd+8 Mid +5 Aft)			1350	-0.7														
19 CABIN CREW (5 Fwd+8 Mid +6 Aft)			1425	-0.5														
<b>PANTRY (CATERING) STANDARD W/I TABLE IS ON PAGE 09.03</b>																		

\*Basic Wt/Index includes: Cockpit & A/C Documents, Potable Water Tanks Full, Skylife Magazine, Tare empty Weight of all Trolleys & Galley Equipment (hotcup, hotjug, etc.). If some items or equipment are NOT carried make necessary adjustments

Dry Operating Weight/Index does NOT include Toolkit Box. Check if they are carried in cargo compartment. It should be shown as "Load in compartments" (distribution) on loadsheet as "Equipment in compartment"

**TOOLKITBOX = 30 KG**

CONTAINERS AND PALLETS (ULD-Unit Load Devices) :

- Tare weight of Containers and Pallets (ULD) should NOT be included in Dry Operating weight/Index.
- Tare weight of ULD should be shown within GROSS load in position (added to net cargo/bag weight in ULD position).
- GROSS load (sum of Net cargo/bag weight + pallet/container tare weight) should be shown in "LOAD IN COMPARTMENTS" in "DISTRIBUTION" column of LOADSHEET

CREW BAGGAGE (in BULK Cargo Compartment) : For Longhaul flights and for flights that crew stays overnight at destination, additional CREW BAGGAGE, standard bag weight of 15 kg per crew member is carried. This load is NOT included in above DOW/DOI, and it should be shown as 'LOAD IN COMPARTMENT - DISTRIBUTION' in Loadsheet

\* Refer to "DOW-DOI\_Table-B777-300ER" file for several possible standard cockpit/cabin crew , pantry codes & potable water tanks fill ratio.  
DOI calculation remark : During Index Calculations due to DCS system rounding (or truncating), approximately +/- 0.3 index difference is acceptable

## PANTRY STANDART WEIGHT/INDEX TABLE (CATERING)

Pantry Code	Galley weight				TOTAL		Destination / Departure
	FWD	MID1	MID2	AFT	WEIGHT	INDEX	
A	600	750	660	890	2900	-0.1	ER FLIGHTS
N	316	266	235	570	1387	0.5	ALL INTERNATIONAL FLIGHTS
D	166	48	43	186	443	0.1	DOMESTIC FLIGHTS ONE WAY
G	222	106	94	444	866	0.5	DOMESTIC FLIGHTS RETURN PANTRY

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 4
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

#### 4. LIMITATIONS

##### 4.1. Aircraft Weight Limitations

##### 4.1.1. Maximum weights (in kgs) for:

Aircraft Reg.	MSN	Ramp/Taxi	Design Take-off Wet	Design Take-off Dry	Zero Fuel	Design Landing
TC-JJE	40707	352441	N/A	351534*	237682	251290
TC-JJF	40708	352441	N/A	351534*	237682	251290
TC-JJG	40791	352441	N/A	351534*	237682	251290
TC-JJH	40792	352441	N/A	351534*	237682	251290
TC-JJI	40709	352441	N/A	351534*	237682	251290
TC-JJJ	40710	352441	N/A	351534*	237682	251290
TC-JJK	40711	352441	N/A	351534*	237682	251290
TC-JJL	40793	352441	N/A	351534*	237682	251290
TC-JJM	40794	352441	N/A	351534*	237682	251290
TC-JJN	40795	352441	N/A	351534*	237682	251290
TC-JJO	40796	352441	N/A	351534*	237682	251290
TC-JJP	40797	352441	N/A	351534*	237682	251290
TC-JJR	44116	352441	N/A	351534*	237682	251290
TC-JJS	44117	352441	N/A	351534*	237682	251290
TC-JJT	44118	352441	N/A	351534*	237682	251290
TC-JJU	60401	352441	N/A	351534*	237682	251290
TC-JJV	44119	352441	N/A	351534*	237682	251290
TC-JJY	44120	352441	N/A	351534*	237682	251290
TC-JJZ	44122	352441	N/A	351534*	237682	251290
TC-LJA	44121	352441	N/A	351534*	237682	251290
TC-LJB	44124	352441	N/A	351534*	237682	251290
TC-LJC	44123	352441	N/A	351534*	237682	251290
TC-LJD	44125	352441	N/A	351534*	237682	251290
TC-LJE	44126	352441	N/A	351534*	237682	251290
TC-LJF	44127	352441	N/A	351534*	237682	251290
TC-LKA	41818	352441	N/A	351534*	237682	251290
TC-LKB	41819	352441	N/A	351534*	237682	251290
TC-LKC	42097	352441	N/A	351534*	237682	251290
TC-LJG	44128	352441	N/A	351534*	237682	251290
TC-LJH	44129	352441	N/A	351534*	237682	251290
TC-LJI	44130	352441	N/A	351534*	237682	251290
TC-LJJ	60405	352441	N/A	351534*	237682	251290
TC-LJK	60402	352441	N/A	351534*	237682	251290

\* : PLEASE NOTE THAT MAX TAKE-OFF WEIGHT DECREASES WHEN AIRCRAFT CG IS BELOW OR HIGHER THEN AROUND 25% MAC. REFER TO "4.2. CG - Limits for Loadsheet Purpose" PAGE FOR DETAILS.

##### 4.1.2. LMC (Last Minute Changes) Information :

Last Minute Changes (LMC) to the mass and balance sheet are only permitted when the changes of the load (either minus or plus) in last minutes are within the following limits .

**B777-300ER : 1000 kg Total Weight (Passengers,Cargo,Mail or any combination)**

These changes must be shown as pax, cargo, mail, baggage etc. in the Load & Trim Sheet. The effect of LMC in aircraft CG must be checked. Aircraft CG after LMC must not exceed forward and aft operational CG Limits. In Addition to LMC Weight, LMC Index influence should be shown on Load & Trim Sheet in a suitable space under LMC title preferably next to LMC weight.



EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

4.2. CG - Limits for Loadsheet Purpose

Special condition if applicable TAKE-OFF FWD		
Specify applicability	Weight	Index Value
TC-JJE,-JF,-JG-JH,-JI	170000	22.6
JJJ,-JJK,-JL,-JLM-JN,- JP,JJO	207733	14.7
TC-JJR,-JJS,-JIT, -JJU,-JVV,-JY,-JZ	237682	14.3
-LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	251290	14.1
	328053	13.2
	344548	17.5
	351534	30.4

Special condition if applicable TAKE-OFF AFT		
Specify applicability	Weight	Index Value
TC-JJE,-JF,-JG,-JH,-JI, JJJ,-JJK,-JL,-JLM-JN,-JJP- JJO	170000	52.8
TC-JJR,-JJS,-JIT, -JJU,-JVV,-JY,-JZ	251290	73.1
-LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	279004	80.0
	306241	83.6
	342515	70.6
	351534	36.3

Special condition if applicable Alternate TAKE-OFF FWD-1 (%21MAC)		
Specify applicability	Weight	Index Value
TC-JJR,-JJS,-JIT, -JJU,-JVV,-JY,-JZ	170000	42.9
-LJA,-LJB,-LJC,-LJD,- LJE,LJF,-LJG,-LH,-LI,- LJ,LJK	350181	27.9
	351534	30.4

Special condition if applicable Alternate TAKE-OFF FWD-2 (%24MAC)		
Specify applicability	Weight	Index Value
TC-JJR,-JJS,-JIT, -JJU,-JVV,-JY,-JZ	170000	47.7
-LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	351187	37.6

Special condition if applicable ZERO FUEL FWD		
Specify applicability	Weight	Index Value
TC-JF,-JG,-JH,-JI,-JJJ - -JJK,-JL,-JLM,-JN,-JJO,-JJP	170000	22.6
TC-JJR,-JJS,-JIT,-JJE -JJU,-JVV,-JY,-JZ	207733	14.7
LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	237682	14.3

Special condition if applicable ZERO FUEL AFT		
Specify applicability	Weight	Index Value
TC-JF,-JG,-JH,-JI,-JJJ - -JJK,-JL,-JLM,-JN,-JJO,-JJP	170000	54.6
TC-JJR,-JJS,-JIT,-JJE -JJU,-JVV,-JY,-JZ	182521	59.0
LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	213342	63.0
	237682	66.2

Special condition if applicable Landing FWD		
Specify applicability	Weight	Index Value
TC-JF,-JG,-JH,-JI,-JJJ - -JJK,-JL,-JLM,-JN,-JJO,-JJP	170000	22.6
TC-JJR,-JJS,-JIT,-JJE -JJU,-JVV,-JY,-JZ	207733	14.7
LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK	237682	14.3
	251290	14.1

Special condition if applicable Landing AFT		
Specify applicability	Weight	Index Value
TC-JF,-JG,-JH,-JI,-JJJ - -JJK,-JL,-JLM,-JN,-JJO,-JJP	170000	52.8
TC-JJR,-JJS,-JIT,-JJE -JJU,-JVV,-JY,-JZ	251290	73.1
LJA,-LJB,-LJC,-LJD,-LJE,- LJF,-LJG,-LH,-LI,-LJ,LJK		

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 5
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

Special condition if applicable		
TAKE-OFF FWD		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	23.60
	194000	18.57
	207733	17.34
	237682	17.00
	251290	16.80
	328053	16.10
	344548	18.50
	351534	34.00
Special condition if applicable		
ZERO FUEL FWD		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	23.6
	194000	18.57
	207733	17.34
	237682	17.00
Special condition if applicable		
Landing FWD		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	23.60
	194000	18.57
	207733	17.34
	237682	17.00
	251290	16.80

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	51.20
	251290	71.50
	279004	78.50
	306241	82.20
	342515	70.10
	351534	35.80
Special condition if applicable		
ZERO FUEL AFT		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	54.10
	182521	58.50
	186000	58.95
	213342	62.50
	237682	65.70
Special condition if applicable		
Landing AFT		
Specify applicability	Weight	Index Value
TC-LKA,-LKB,-LKC	170000	51.20
	251290	71.50

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C Sheet 6</b>
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

## 5. EFFECT OF FUEL

### 5.1 EFFECT OF FUEL

Fuel Wt. kg	Index	Fuel Wt. kg	Index	Fuel Wt. kg	Index	Fuel Wt. kg	Index
30000	0	62000	13	93000	2	125000	-10
31000	0	62616	14	94000	2	126000	-10
32000	0	63000	13	95000	1	127000	-10
33000	1	64000	13	96000	1	128000	-11
34000	1	65000	12	97000	1	129000	-11
35000	1	66000	12	98000	0	130000	-11
36000	1	67000	12	99000	0	131000	-12
37000	1	68000	11	100000	-1	132000	-12
38000	1	69000	11	101000	-1	133000	-13
39000	2	70000	11	102000	-1	134000	-13
40000	2	71000	10	103000	-2	135000	-13
41000	2	72000	10	104000	-2	136000	-14
42000	2	73000	9	105000	-2	137000	-14
43000	3	74000	9	106000	-3	138000	-15
44000	3	75000	9	107000	-3	139000	-15
45000	3	76000	8	108000	-3	140000	-15
46000	3	77000	8	109000	-4	141000	-16
47000	4	78000	8	110000	-4	142000	-16
48000	4	79000	7	111000	-4	143000	-17
49000	5	80000	7	112000	-5	144000	-17
50000	5	81000	6	113000	-5	145000	-17
51000	6	82000	6	114000	-6	146000	-17
52000	6	83000	6	115000	-6	147000	-17
53000	7	84000	5	116000	-6	148000	-17
54000	7	85000	5	117000	-7	149000	-17
55000	8	86000	5	118000	-7	150000	-17
56000	8	87000	4	119000	-7	151000	-17
57000	9	88000	4	120000	-8	152000	-18
58000	10	89000	3	121000	-8	153000	-18
59000	10	90000	3	122000	-8	154000	-19
60000	11	91000	3	123000	-9	154270	-19
61000	12	92000	2	124000	-9		

Max. Fuel Capacity = **181281** Liters

### 5.2 APU / TAXI FUEL WEIGHT

Due to local taxiing distances and local needs for APU running, total taxi Fuel may be different in your local station. It may be calculated by using the following fuel flow figures;

Taxi Fuel Flow = **33 kg/minute**

APU Fuel Flow = **240 kg/hour**

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 7
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**6. CREW**

**6.1. Number of cockpit crew seats and average location**

Maximum number of cockpit seats	Length of arm from reference station		Index influence	
	+/-	inches	+/-	per 1 kg
4	-	1257.7	-	0.00419

**6.2. Number of cabin crew seats and location**

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	inches	+/-	per 1 kg
FWD	5	-	1114	-	0.00372
MID	8	-	267	-	0.00088
AFT	6	+	975	+	0.00326

Remarks: "FWD", "MID", "AFT" average Cabin Crew Seats Locations can be used for simplicity.

**6.3. Crew Distribution / Crew Code**

Crew Code	Cockpit Crew Total No	Cabin Crew Total No	Number of Cabin Crews at Location			Location of Crew Baggage
			FWD	MID	AFT	
3/1	3	1	1	0	0	BULK CARGO COMPT. 5
3/2	3	2	1	0	1	
3/3	3	3	1	1	1	
3/4	3	4	1	2	1	
3/5	3	5	1	3	1	
3/6	3	6	2	3	1	
3/7	3	7	2	3	2	
3/8	3	8	2	4	2	
3/9	3	9	2	5	2	
3/10	3	10	2	5	3	
3/11	3	11	2	6	3	
3/12	3	12	2	7	3	
3/13	3	13	3	7	3	
3/14	3	14	4	7	3	
3/15	3	15	4	8	3	
3/16	3	16	5	8	3	
3/17	3	17	5	8	4	
3/18	3	18	5	8	5	
3/19	3	19	5	8	6	

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 8
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**7. GALLEY AND PANTRY**

**7.1. Galleys**

Galley locations	Length of arm from reference station		Index influence	
	+/-	inches	+/-	per 1 kg
F-1	-	1200.5	-	0.00400
F-2	-	1158.5	-	0.00386
F-3	-	1158.5	-	0.00386
<b>FWD( F-1 + F-2 + F-3 )</b>	<b>-</b>	<b>1173.0</b>	<b>-</b>	<b>0.00391</b>
M-1	-	846.0	-	0.00282
M-2	-	768.0	-	0.00256
<b>MID1( M-1 + M-2 )</b>	<b>-</b>	<b>807.0</b>	<b>-</b>	<b>0.00269</b>
M-5	+	434.0	+	0.00145
M-7	+	512.0	+	0.00171
MS-7	+	510.0	+	0.00170
MS-8	+	510.0	+	0.00170
<b>MID2( M-5 + M-7 + MS-7 + MS-8 )</b>	<b>+</b>	<b>480.0</b>	<b>+</b>	<b>0.00160</b>
A-2	+	1054.5	+	0.00352
A-3	+	1054.5	+	0.00352
<b>AFT( A-2+A-3 )</b>	<b>+</b>	<b>1056.0</b>	<b>+</b>	<b>0.00352</b>

**7.2 Pantry Weight / Pantry Code**

Pantry Weight / Pantry Code is given on PANTRY STANDART WEIGHT/INDEX TABLE (CATERING) TABLE.

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 8
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**7.3 SEATING CONDITIONS**

**7.3.1 LOADSHEET OUTPUT**

STATE BELOW HOW THE SEATING CONDITIONS SHOULD BE SHOWN IN THE RESPECTIVE LOADSHEET BOX. GIVE EXAMPLE. ENCLOSE A PASSENGER DISTRIBUTION TABLE IF USED. A PERMANENT PASSENGER DISTRIBUTION TABLE IS NOT USED.



EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 9
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**8. PASSENGER CABIN**

**8.1.1 Passenger Seats**

CLASS CODES ; Class 1 : C (Business) / Class 2 : U (Comfort) / Class 3 : Y (Economy)

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	

TC-JJE,-JFF,-JJG,-JJH,-JJI,-JJJ,-JJK,-JLJ,-JMM-JJN,-JJO,-JJP,-JJR,-JJS,-JJT,-JJU

CABIN CONFIGURATION 49C/300Y				
OA	28			28
OB	21		54	75
OC			132	132
OD			114	114
Total per class	49		300	349

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	

TC-JJV,-JJY,-JJZ,-LJA,-LJB,-JLC,-JLD,-JLE,-JLF,-LJG,-LJH,-LJI,-LJJ,-LJK

CABIN CONFIGURATION 49C/300Y				
OA	28			28
OB	21		54	75
OC			129	129
OD			117	117
Total per class	49		300	349

TC-LKA,-LKB,-LKC

CABIN CONFIGURATION 28C/372Y				
OA	28			28
OB			136	136
OC			117	117
OD			119	119
Total per class	28		372	400



**8.2.1 Class/Cabin Sections**

TC-JJE,-JFF,-JJG,-JJH,-JJI,-JJJ,-JJK,-JLJ,-JMM-JJN,-JJO,-JJP,-JJR,-JJS,-JJT,-JJU				
OA	-	899	-	0.002996
OB	-	321	-	0.001070
OC	+	165.7	+	0.000552
OD	+	711.6	+	0.002372

TC-JJV,-JJY,-JJZ,-LJA,-LJB,-LJC,-LJD,-JLE,-JLF,-LJG,-LJH,-LJI,-LJJ,-LJK				
OA	-	899	-	0.002996
OB	-	321	-	0.001069
OC	+	160.4	+	0.000535
OD	+	706.9	+	0.002356

TC-LKA,-LKB,-LKC				
OA	-	891	-	0.002970
OB	-	362.72	-	0.001209
OC	+	160	+	0.000533
OD	+	705.24	+	0.002351

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 10
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

### 8.3 Seating Layout Code Letters

Show the passenger seating layout for the configurations given in the box at the top by inserting the seat row numbers and letters in the following table. For special seats use the description codes listed below :

- B = Bassinet position
- C = Crew seat
- E = Emergency exit
- G = Groups
- H = Incapacitated passenger
- I = Infant preference rows/seats
- J = Rear facing seats
- K = Near galley
- L = Leg space seat
- M = Wheel chair
- N = No Smoking
- O = Over wing seat
- P = Stretcher location
- Q = Quiet zone
- S = Smoking
- T = Near toilet
- U = Unaccompanied minor
- V = Seat left vacant/offered last
- W = No Movie
- X = No facility seat (e.g. no distinction between smoking and non-smoking)
- Y = Not fitted
- Z = Buffer zone
- . = Aisle

Alfa/Characters - A, D, F, R, Blank not used

Note : Seat designators to be in accordance with Recommended Praticce 1711.

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-JJE,-F,-G,-H,-I,-J,-K,-L,-M,-N,-O,-P,-R,- JJS,-JJT,-JJU,	A / C TYPE <b>B777-300ER</b>	Carrier <b>TK</b>

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	CABIN CONFIGURATION 49C/300Y										Length of arm from reference station (inches)	INDEX INFLUENCE per SEAT-ROW per1kg	
		A	B	C	D	E	G	H	J	K				
A	1	NB	N	.	N	N	N	.		N	NB	-1016.57	-0.00339	
	2	N	N	.	N	N	N	.		N	N	-937.43	-0.00312	
	3	N	N	.	N	N	N	.		N	N	-859.43	-0.00286	
	4	N	N	.	N	N	N	.		N	N	-781.43	-0.00260	
B	5	NB	N	.	N	N	N	.		N	NB	-557.14	-0.00186	
	6	N	N	.	N	N	N	.		N	N	-479.14	-0.00160	
	7	N	N	.	N	N	N	.		N	N	-401.14	-0.00134	
	11	NB	N	N	.	NB	N	NB	.	N	N	NB	-337.67	-0.00113
	12	N	N	N	.	N	N	N	.	N	N	N	-306.33	-0.00102
	13	N	N	N	.	N	N	N	.	N	N	N	-275.00	-0.00092
	14	N	N	N	.	N	N	N	.	N	N	N	-243.67	-0.00081
	15	N	N	N	.	N	N	N	.	N	N	N	-212.33	-0.00071
C	16	N	N	N	.	N	N	N	.	N	N	N	-181.00	-0.00060
	23			.	NBI	N	NBI	.				-74.00	-0.00025	
	24	NE	NE	NE	.	NE	NE	NE	.	NE	NE	NE	-37.67	-0.00013
	25	N	N	N	.	N	N	N	.	N	N	N	-6.00	-0.00002
	26	N	N	N	.	N	N	N	.	N	N	N	25.67	0.00009
	27	N	N	N	.	N	N	N	.	N	N	N	57.33	0.00019
	28	N	N	N	.	N	N	N	.	N	N	N	89.00	0.00030
	29	N	N	N	.	N	N	N	.	N	N	N	120.00	0.00040
	30	N	N	N	.	N	N	N	.	N	N	N	151.00	0.00050
	31	N	N	N	.	N	N	N	.	N	N	N	182.00	0.00061
	32	N	N	N	.	N	N	N	.	N	N	N	213.00	0.00071
	33	N	N	N	.	N	N	N	.	N	N	N	244.00	0.00081
	34	N	N	N	.	N	N	N	.	N	N	N	275.00	0.00092
	35	N	N	N	.	N	N	N	.	N	N	N	306.00	0.00102
36	N	N	N	.	N	N	N	.	N	N	N	337.00	0.00112	
37	N	N	N	.	N	N	N	.	N	N	N	368.00	0.00123	
38			.	N	N	N	.					391.00	0.00130	
D	40	NE	NE	NE	.			.	NE	NE	NE	507.00	0.00169	
	41	N	N	N	.			.	N	N	N	539.00	0.00180	
	42	N	N	N	.	N	NB	N	.	N	N	N	568.33	0.00189
	43	N	N	N	.	N	N	N	.	N	N	N	600.00	0.00200
	44	N	N	N	.	N	N	N	.	N	N	N	631.67	0.00211
	45	N	N	N	.	N	N	N	.	N	N	N	663.33	0.00221
	46	N	N	N	.	N	N	N	.	N	N	N	695.00	0.00232
	47	N	N	N	.	N	N	N	.	N	N	N	726.67	0.00242
	48	N	N	N	.	N	N	N	.	N	N	N	758.33	0.00253
	49	N	N	N	.	N	N	N	.	N	N	N	790.67	0.00264
	50	N	N	N	.	N	N	N	.	N	N	N	822.33	0.00274
	51	N	N	.	N	N	N	.		N	N	851.71	0.00284	
	52	N	N	.	N	N	N	.		N	N	882.71	0.00294	
	53	N	N	.	N	N	N	.		N	N	913.14	0.00304	

FIXED CERTAIN CLASS DIVIDER is shown as : \_\_\_\_\_

THE AISLE is shown as : | .

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-JJV,-JY,-JZ,-LJA,-JB,-JC,-JD,-JE,JF,- JG,-JH,-JI,-JJ,-JK	A / C TYPE <b>B777-300ER</b>	Carrier <b>TK</b>

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	CABIN CONFIGURATION 49C/300Y										Length of arm from reference station (inches)	INDEX INFLUENCE per SEAT-ROW per1kg	
		A	B	C	D	E	G	H	J	K				
A	1	NB	N	.	N	N	N	.	N	NB	-1016.57	-0.00339		
	2	N	N	.	N	N	N	.	N	N	-937.43	-0.00312		
	3	N	N	.	N	N	N	.	N	N	-859.43	-0.00286		
	4	N	N	.	N	N	N	.	N	N	-781.43	-0.00260		
B	5	NB	N	.	N	N	N	.	N	NB	-556.71	-0.00186		
	6	N	N	.	N	N	N	.	N	N	-478.71	-0.00160		
	7	N	N	.	N	N	N	.	N	N	-400.71	-0.00134		
	11	NB	N	N	.	NB	N	NB	.	N	N	NB	-337.67	-0.00113
	12	N	N	N	.	N	N	N	.	N	N	N	-306.33	-0.00102
	13	N	N	N	.	N	N	N	.	N	N	N	-275.00	-0.00092
	14	N	N	N	.	N	N	N	.	N	N	N	-243.67	-0.00081
	15	N	N	N	.	N	N	N	.	N	N	N	-212.33	-0.00071
16	N	N	N	.	N	N	N	.	N	N	N	-181.00	-0.00060	
C	23			.	NBI	N	NBI	.				-74.00	-0.00025	
	24	NE	NE	NE	.	NE	NE	NE	.	NE	NE	NE	-37.67	-0.00013
	25	N	N	N	.	N	N	N	.	N	N	N	-6.00	-0.00002
	26	N	N	N	.	N	N	N	.	N	N	N	25.67	0.00009
	27	N	N	N	.	N	N	N	.	N	N	N	57.33	0.00019
	28	N	N	N	.	N	N	N	.	N	N	N	89.00	0.00030
	29	N	N	N	.	N	N	N	.	N	N	N	120.00	0.00040
	30	N	N	N	.	N	N	N	.	N	N	N	151.00	0.00050
	31	N	N	N	.	N	N	N	.	N	N	N	182.00	0.00061
	32	N	N	N	.	N	N	N	.	N	N	N	213.00	0.00071
	33	N	N	N	.	N	N	N	.	N	N	N	244.00	0.00081
	34	N	N	N	.	N	N	N	.	N	N	N	275.00	0.00092
	35	N	N	N	.	N	N	N	.	N	N	N	306.00	0.00102
	36	N	N	N	.	N	N	N	.	N	N	N	337.00	0.00112
37	N	N	N	.	N	N	N	.	N	N	N	368.00	0.00123	
D	40	NE	NE	NE	.				.	NE	NE	NE	507.00	0.00169
	41	N	N	N	.	N	NB	N	.	N	N	N	536.67	0.00179
	42	N	N	N	.	N	N	N	.	N	N	N	568.33	0.00189
	43	N	N	N	.	N	N	N	.	N	N	N	600.00	0.00200
	44	N	N	N	.	N	N	N	.	N	N	N	631.67	0.00211
	45	N	N	N	.	N	N	N	.	N	N	N	663.33	0.00221
	46	N	N	N	.	N	N	N	.	N	N	N	695.00	0.00232
	47	N	N	N	.	N	N	N	.	N	N	N	726.67	0.00242
	48	N	N	N	.	N	N	N	.	N	N	N	758.33	0.00253
	49	N	N	N	.	N	N	N	.	N	N	N	790.67	0.00264
	50	N	N	N	.	N	N	N	.	N	N	N	822.33	0.00274
	51	N	N		.	N	N	N	.		N	N	851.14	0.00284
	52	N	N		.	N	N	N	.		N	N	882.14	0.00294
	53	N	N		.	N	N	N	.		N	N	913.14	0.00304

THE AISLE is shown as | .

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-LKA,-LKB,-LKC	A / C TYPE B777-300ER	Carrier TK

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	CABIN CONFIGURATION 28C/372Y										Length of arm from reference station (inches)	INDEX INFLUENCE per SEAT-ROW per1kg	
		A	B	C	D	E	G	H	J	K				
A	1	NBI	NI	.	N	NI	N	.		NI	NBI	-1016.57	-0.00339	
	2	NI	N	.	N	NI	N	.		N	NI	-937.43	-0.00312	
	3	NI	N	.	N	NI	N	.		N	NI	-859.43	-0.00276	
	4	NI	N	.	N	NI	N	.		N	NI	-781.43	-0.00260	
B	11			.	NBI	NI	NBI	.				-607.00	-0.00202	
	12	NBI	NI	N	.	N	NI	N	.	N	NBI	NI	-576.67	-0.00192
	13	NI	N	N	.	N	NI	N	.	N	N	NI	-545.33	-0.00182
	14	NI	N	N	.	N	NI	N	.	N	N	NI	-514.00	-0.00171
	15	NI	N	N	.	N	NI	N	.	N	N	NI	-482.00	-0.00161
	16	NI	N	N	.	N	NI	N	.	N	N	NI	-450.00	-0.00150
	17	NI	N	N	.	N	NI	N	.	N	N	NI	-418.00	-0.00139
	18	NI	N	N	.	N	NI	N	.	N	N	NI	-386.00	-0.00129
	19	NI	N	N	.	N	NI	N	.	N	N	NI	-354.00	-0.00118
	20	NI	N	N	.	N	NI	N	.	N	N	NI	-322.00	-0.00107
	21	NI	N	N	.	N	NI	N	.	N	N	NI	-290.00	-0.00097
	22	NI	N	N	.	N	NI	N	.	N	N	NI	-258.00	-0.00086
	23	NI	N	N	.	N	NI	N	.	N	N	NI	-226.00	-0.00075
24	NI	N	N	.	N	NI	N	.	N	N	NI	-194.00	-0.00065	
25	NI	N	N	.	N	NI	N	.	N	N	NI	-162.00	-0.00054	
26	NI	N		.	N	NI	N	.		N	NI	-130.00	-0.00043	
C	29	NEI	NE	NE	.	NBI	NI	NBI	.	NE	NE	NEI	-32.00	-0.00011
	30	NI	N	N	.	N	NI	N	.	N	N	NI	0.00	0.00000
	31	NI	N	N	.	N	NI	N	.	N	N	NI	32.00	0.00011
	32	NI	N	N	.	N	NI	N	.	N	N	NI	64.00	0.00021
	33	NI	N	N	.	N	NI	N	.	N	N	NI	96.00	0.00032
	34	NI	N	N	.	N	NI	N	.	N	N	NI	128.00	0.00043
	35	NI	N	N	.	N	NI	N	.	N	N	NI	160.00	0.00053
	36	NI	N	N	.	N	NI	N	.	N	N	NI	192.00	0.00064
	37	NI	N	N	.	N	NI	N	.	N	N	NI	224.00	0.00075
	38	NI	N	N	.	N	NI	N	.	N	N	NI	256.00	0.00085
	39	NI	N	N	.	N	NI	N	.	N	N	NI	288.00	0.00096
40	NI	N	N	.	N	NI	N	.	N	N	NI	320.00	0.00107	
41	NI	N	N	.	N	NI	N	.	N	N	NI	352.00	0.00117	
D	43	NEI	NE	NE	.				.	NE	NE	NEI	506.00	0.00169
	44	NI	N	N	.	NI	N	NBI	.	N	N	NI	533.33	0.00178
	45	NI	N	N	.	N	NI	N	.	N	N	NI	564.67	0.00188
	46	NI	N	N	.	N	NI	N	.	N	N	NI	596.00	0.00199
	47	NI	N	N	.	N	NI	N	.	N	N	NI	627.33	0.00209
	48	NI	N	N	.	N	NI	N	.	N	N	NI	658.67	0.00220
	49	NI	N	N	.	N	NI	N	.	N	N	NI	690.00	0.00230
	50	NI	N	N	.	N	NI	N	.	N	N	NI	721.33	0.00240
	51	NI	N	N	.	N	NI	N	.	N	N	NI	752.67	0.00251
	52	NI	N	N	.	N	NI	N	.	N	N	NI	785.67	0.00262
	53	NI	N	N	.	N	NI	N	.	N	N	NI	817.33	0.00272
	54	NI	N	N	.	N	NI	N	.	N	N	NI	848.33	0.00283
	55	NI	N		.	N	NI	N	.		N	NI	879.14	0.00293
	56	NI	N		.	N	NI	N	.		N	NI	910.71	0.00304



EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 12
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

9. DETAILS FOR COMPARTMENT TRIM

COMPARTMENT		MAXIMUM CAPACITY		Index influence	
NUMBER	DESCRIPTION	GROSS WEIGHT (kg)	VOLUME* (m <sup>3</sup> )	+/-	per 1 kg
1	FWD CARGO HOLD	15306**	1+2 MAX	-	0.003036
2	FWD CARGO HOLD	26758**	40823	-	0.001734
3	AFT CARGO HOLD	21656**	3+4 MAX	+	0.001288
4	AFT CARGO HOLD	10204**	31751	+	0.002379
5	REAR / BULK CargoHold	4082	16.99	+	0.002985

Remarks:

\* : Volume information is given only for Bulk compartments .

\*\* : Check individual ULD position limits (DETAILS FOR BAY / SECTION TRIM) .

9.1 Combined Load Limitations :

COMPARTMENT 1 + COMPARTMENT 2      *max. CUMULATIVE = 40823 KG*

COMPARTMENT 3 + COMPARTMENT 4      *max. CUMULATIVE = 31751 KG*

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 13
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**10. DETAILS FOR BAY / SECTION TRIM**

BAY / SECTION	DESCRIPTION	GROSS WEIGHT (kg)	VOLUME (m <sup>3</sup> )	Index influence	
				+/-	per 1 kg
11 R or L	AVE , AKE	1587		-	0.003422
12 R or L	AVE , AKE	1587		-	0.003095
13 R or L	AVE , AKE	1587		-	0.002840
14 R or L	AVE , AKE	1587		-	0.002637
11	PLA , P9A	3174		-	0.003422
12	PLA , P9A	3174		-	0.003095
13	PLA , P9A	3174		-	0.002730
14	PLA , P9A	3174		-	0.002637
11P	PAG (88x125 inch)	4626		-	0.003376
12P	PAG (88x125 inch)	4626		-	0.003049
13P	PAG (88x125 inch)	4626		-	0.002697
11P	PMC (96x125 inch)	5102		-	0.003363
12P	PMC (96x125 inch)	5102		-	0.003036
13P	PMC (96x125 inch)	5102		-	0.002710
21 R or L	AVE , AKE	1587		-	0.002436
22 R or L	AVE , AKE	1587		-	0.002234
23 R or L	AVE , AKE	1587		-	0.002033
24 R or L	AVE , AKE	1587		-	0.001832
25 R or L	AVE , AKE	1587		-	0.001630
26 R or L	AVE , AKE	1587		-	0.001427
27 R or L	AVE , AKE	1587		-	0.001225
28 R or L	AVE , AKE	1587		-	0.001023
21	PLA , P9A	3174		-	0.002436
22	PLA , P9A	3174		-	0.002234
23	PLA , P9A	3174		-	0.002033
24	PLA , P9A	3174		-	0.001832
25	PLA , P9A	3174		-	0.001630
26	PLA , P9A	3174		-	0.001427
27	PLA , P9A	3174		-	0.001225
28	PLA , P9A	3174		-	0.001023
21P	PAG (88x125 inch)	4626		-	0.002371
22P	PAG (88x125 inch)	4626		-	0.002046
23P	PAG (88x125 inch)	4626		-	0.001720
24P	PAG (88x125 inch)	4626		-	0.001395
25P	PAG (88x125 inch)	5102 only for this pos		-	0.001069
21P	PMC (96x125 inch)	5102		-	0.002385
22P	PMC (96x125 inch)	5102		-	0.002059
23P	PMC (96x125 inch)	5102		-	0.001734
24P	PMC (96x125 inch)	5102		-	0.001408
25P	PMC (96x125 inch)	6350 only for this pos		-	0.001082
31 L or R	AVE , AKE	1587		+	0.000741
32 L or R	AVE , AKE	1587		+	0.000943
33 L or R	AVE , AKE	1587		+	0.001145
34 L or R	AVE , AKE	1587		+	0.001347
35 L or R	AVE , AKE	1587		+	0.001549
36 L or R	AVE , AKE	1587		+	0.001751
31P	PAG(88x125 in)	5102 only for this pos		+	0.000787
32P	PAG(88x125 in)	4626		+	0.001086
33P	PAG(88x125 in)	4626		+	0.001385
34P	PAG(88x125 in)	4626		+	0.001683

Continued on next page...

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 13
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

Continued from previous page...

BAY / SECTION	DESCRIPTION	GROSS WEIGHT (kg)	VOLUME (M <sup>3</sup> )	Index influence	
				+/-	per 1 kg
31P	PMC (96x125 in)	6350 only for this pos		+	0.000800
32P	PMC (96x125 in)	5102		+	0.001126
33P	PMC (96x125 in)	5102		+	0.001451
34P	PMC (96x125 in)	5102		+	0.001777
41 L or R	AVE , AKE	1587		+	0.001951
42 L or R	AVE , AKE	1587		+	0.002159
43 L or R	AVE , AKE	1587		+	0.002400
44 L or R	AVE , AKE	1587		+	0.002602
41	PLA , P9A	3174		+	0.001951
42	PLA , P9A	3174		+	0.002159
43	PLA , P9A	3174		+	0.002400
44	PLA , P9A	3174		+	0.002602
41P	PAG (88x125 in)	4626		+	0.002201
42P	PAG(88x125 in)	4626		+	0.002555
41P	PMC (96x125 in)	5102		+	0.002214
42P	PMC (96x125 in)	5102		+	0.002543
51	bulk loading	1701	6.23 m3	+	0.002808
52	bulk loading	2776	10.76 m3	+	0.003087
51+52 max	bulk loading	4082	16.99 m3	+	0.002985

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 14
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**11. BALLAST**

FIXED PROVISIONS FOR CARRYING BALLAST?  
REMARKS : BALLAST IS NOT REQUIRED

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>D</b> Sheet 1
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**1. CG – LIMITS**

**1.1. Planning Limits**

CG-Limits for loadplanning purpose shall be agreed between carrier and system operator.

**1.2 Ideal Trim Line at ZFW for Fuel Saving Purposes**

The IDEAL TRIM LINE shown in the balance graph below is a load planning limit only. In the interest of fuel economy the load in the compartments shall whenever possible, be distributed in such a way that the LIZFW is aft of this line. The respective breakpoints (weight / index) of the ideal trim line shall be entered in the table below.

WEIGHT (KG)	INDEX VALUE
170000	45.5
237682	52.0
351534	63.0

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>D</b> Sheet 2
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**2. UNIT LOAD DEVICES DETAILS**

Type Code	Tare weight kg	Maximum Capacity		Remarks
		Gross Weight kg	VOLUME (M <sup>3</sup> )	
AVE	90	1587	4.41	60.4x61.5 in.half-size container V3(LD3)
AKE	90	1587	4.41	60.4x61.5 in. half-size container V3(LD3)
PLA	90	3174	6.86	60.4x125 inch size pallet (W2)
P9A	90	3174	6.86	60.4x125 inch size pallet (W2)
PAG	110	4626,5102*	10.0	88x125 inch size pallet (A2)
PMC	120	5102,6350*	10.9	96x125 inch size pallet (Q2)

\* GROSS WEIGHT is valid only for the positions as defined in " 10. DETAILS FOR BAY/SECTION TRIM"

NOTES : - GROSS WEIGHT includes tare weight of pallets, containers , nets and igloo  
- GROSS WEIGHT is valid for only the aircraft type B777-300ER .

**2.1 UNIT LOAD DEVICES NOTES**

In ULD compartments (compartments other than bulk Compartment) cargo and bags should be loaded only in ULD. It is forbidden to load anything at the empty spaces around ULDs and between ULDs.

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>D</b> Sheet 3
Cabin Configuration(s) ALL	A / C TYPE B777-300ER	Carrier TK

**3. SPECIAL LOAD**

Turkish Airlines & IATA regulations apply. When necessary contact Turkish Airlines Station Manager.