

A330-200
IATA AHM560 DATA
LIST OF EFFECTIVE PAGES
REV 68

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
06.00	02Aug18	68	Updated	-	List Of Eff. Pages / Revision Highlights
06.01	20Jul10	-	-	C2,C3	Basic Index and MAC formula/ Stabilizer Trim Settings/A/C Registration., Wt Index Details
06.02	02Aug18	68	Updated	-	A/C Basic & Dry Operating Weight & Index Tab
06.03	20 Jun17	-	-	-	Pantry Codes
06.03A	02Aug18	68	Updated	C4	Aircraft Weight Limitations
06.04	23Mar18	-	-	C5	CG Limits for Loadsheet Purpose
06.04A	02Aug18	68	Updated	C5	CG Limits for Loadsheet Purpose
06.04B	02Aug18	68	Updated	C5	CG Limits for Loadsheet Purpose
06.05	02Aug12	-	-	C6	Effect of Fuel – standard fuel procedure
06.05A	02Aug12	-	-	C6	Effect of Fuel – separate influence of trim tank
06.05B	02Aug12	-	-	C6	Effect of Fuel – separate influence of trim tank
06.06	02Aug18	68	Updated	C7	Cockpit Index,Cabin Crew Seats,Crew Distr.
06.06A	12Oct17	-	-	C7	Cockpit Index,Cabin Crew Seats,Crew Distr.
06.07	13Nov17	-	-	C8	Galley/Pantry Weight&Codes
06.07A	02Aug18	68	Updated	C8	Galley/Pantry Weight&Codes
06.08	13May14	-	-	C9,C10	Seating Conditions
06.08A	02Aug18	68	Updated	C10	Passenger Seats Average Station (Cabin Areas)
06.08B	02Aug18	68	Updated	C10	Passenger Seats Average Station (Cabin Areas)
06.09	20Jul10	-	-	C10	Seating Layout Code Letters
06.10	20Jan15	-	-	C11	Seat Plan Layout –JNB,JNC,JND,JNE
06.10A	20Jan15	-	-	C11	Seat Plan Layout – JNF,JNG
06.10B	23Mar18	-	-	C11	Seat Plan Layout – JNA, -JNB,-JNC,-JND,- JNE
06.10C	13May14	-	-	C11	Seat Plan Layout – JIL,JIM,JIN
06.10D	02Aug18	68	Updated	C11	Seat Plan Layout JIT,JIO,JIP,JIR,JIS,LOH,LOI,JIZ
06.10G	03Dec15	-	-	C11	Seat Plan Layout – LNA
06.11	20 Jun17	-	-	C12	Details For Compartment Trim
06.12	20Jul10	-	-	C13	Details For Bay/Section Trim
06.12A	02Aug18	68	Updated	C13	Details For Bay/Section Trim
06.13	20Jul10	-	-	C14,D1 D2,D3	BALLAST,CG LIMITS / Ideal Trim Line, Unit Load Devices / Special Load
06.14	17Oct05	-	-	-	Load&Trim Sheet TC-JNA,JNB,JNC,JND
06.15	13Jun14	-	-	-	Load&Trim Sheet TC-JNF,JNG
06.17	07Apr14	-	-	-	Load&Trim Sheet TC-JIL,JIM,JIN
06.18	08Oct15	-	-	-	Load&Trim Sheet TC-JIP,JIR,JIS,JIT,JIV,JIY,JIZ
06.19	25.Jun.15	-	-	-	Load&Trim Sheet TC-LNA,TC-LNB
06.20	31.Dec.15	-	-	-	Load&Trim Sheet TC-JIO
06.21	20.Jun.17	-	-	-	Load&Trim Sheet TC-JNE

REV NO	REVISION DESCRIPTION
68	TC-LOI entered THY fleet.
67	TC-LOH entered THY fleet.
66	TC-JNC BW/BI cabin config./ seatplan changed to cabin configuration 18C/232Y.
65	TC-JIL BW/BI changed due to weighing.
64	TC-JND BW/BI cabin config./ seatplan changed to cabin configuration 18C/232Y.
63	TC-JNB BW/BI cabin config./ seatplan changed to cabin configuration 18C/232Y.
62	TC-JNA BW/BI cabin config./ seatplan changed to cabin configuration 18C/232Y.
61	TC-LNB BW/BI changed due to weighing.
60	New crew location added
59	TC-JIN BW/BI changed due to weighing.
58	LMC values are updated
57	TC-JNE BW/BI cabin config./ seatplan changed to cabin configuration 18C/232Y TC-JIV,JIY BW/BI changed due to weighing
56	TC- LNB pantry codes amended
55	TC-JIZ BW/BI changed due to cabin modification
54	TC-JNA BW/BI changed due to weighing
53	TC-JNB BW/BI changed due to weighing
52	TC-JIT BW/BI changed due to cabin modification
51	TC-JIY BW/BI changed due to cabin modification
50	TC-JIV BW/BI changed due to cabin modification
49	TC-JIS BW/BI changed due to weighing
48	TC-JIS BW/BI changed due to cabin modification
47	TC-JIR BW/BI changed due to weighing
46	TC-JIR BW/BI and cabin config./seatplan changed to cabin configuration 24C/255Y and TC-JNF BW/BI changed due to modification
45	TC-JIP BW/BI and cabin config./seatplan changed to cabin configuration 24C/255Y
44	TC-JIO BW/BI changed due to weighing
43	TC-JIO BW/BI and cabin config./seatplan changed to cabin configuration 24C/255Y
42	TC-LNB joined THY fleet.
41	TC-JNC BW/BI changed due to weighing
40	TC-JIZ joined THY fleet..
39	TC-JIY joined THY fleet, TC-LNA seatplan modified for baby bassinet.
38	TC-LNA joined THY fleet. Pantry (Domestic flights return) weights has changed.
37	TC-JIV joined THY fleet and TC-JNV left from THY fleet (<i>u may delete from ur database</i>)
36	TC-JNE BW/BI changed due to weighing
35	TC-JNG BW/BI and seatplan changed due to modification
35	TC-JNF BI changed due to modification
35	TC-JNB,JNC seatplan modified by addition of seat row 13
34	TC-JNA,JND,JNE seatplan modified by addition of seat row 13
33	TC-JIT new aircraft
32	TC-JIS new aircraft
31	TC-JIP new aircraft
30	TC-JIR new aircraft
29	TC-JIO new aircraft
28	TC-JNF BW/BI and seatplan changed due to modification
27	TC-JIN new aircraft
27	TC-JNE,JND,JNF BW/BI changed due to weighing
27	TC-JNC BW/BI changed due to modification
26	TC-JIM new aircraft
25	TC-JIL new aircraft
24	TC-JNC BW/BI changed due to weighing
23	TC-JNV entered THY fleet
22	TC-JNA,JNB BW/BI changed due to weighing
22	LMC values are updated
21	TC-JNF,JNG BW/BI changed due to weighing.
20	Separate fuel table for influence of trim tank is now available
19	All pantry codes are amended
19	New design of BW/BI page
19	Remarks: "FWD", "MID", "AFT" average Cockpit & Cabin Crew Seats Locations can be used for simplicity

18	Pantry Std W/I table : Addition of new stations
17	"FWD", "MID", "AFT" average Cabin Crew Seats Locations can be used for simplicity. Cabin Crew Total Effect Index Table is changed on page 06.02.
17	Pantry codes are amended.
16	New design
15	TC-JNG new aircraft
15	Duty free weight is removed from Pantry Standard W/I table
14	Added/amended stations are in red in pantry (catering) standard weight/index codes table
13	New pantry concept/ Weight/index of spare wheels&tires are aended
12	A/C basic and dow/doi table are re-designed and combined in one page
11	TC-JNF new aircraft ;TC-JNE new aircraft
10	Pages are re-arranged

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 2
Cabin Configuration(s) ALL	A / C TYPE A330-200	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 = **33.1555** meters from zero
- K (Constant) = **100**
- C (Constant) = **2500**

2.3. MAC Information

- Length of MAC = **7.27** meters
- LEMAC at = **31.3380** meters/ from zero

2.4. Stabilizer Trim Setting

MAC Range	STAB Range	
18	7	Nose up
21	7	Nose up
35	0	Nose down
40	0	Nose down

Linear variation between 21% MAC and 35% MAC

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 3
Cabin Configuration(s) ALL	A / C TYPE A330-200	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) + Cockpit Crew Total Weight/Index + Cabin Crew Total Weight/Index + Pantry Weight/Index = Dry Operating Weight/Index If actual is different , then make necessary adjustments	A/C Limitations (Kg)	
				Weight	Index		A/C Reg	MTAXI
A330-203	697	TC-JNA	250	121732	106.8			
A330-203	704	TC-JNB	250	121990	105.8			
A330-203	742	TC-JNC	250	122089	106.3			
A330-203	754	TC-JND	250	122134	105.9			
A330-203	774	TC-JNE	250	121804	104.4			
A330-203	463	TC-JNF	281	119784	112.6			
A330-203	504	TC-JNG	281	119861	113.7			
A330-203	882	TC-JIL	220	123427	102.6			
A330-203	901	TC-JIM	220	123520	99.3			
A330-203	932	TC-JIN	220	123758	99.9	TC-JNA,....,-JNG,	MTAXI	233900
A330-223	869	TC-JIO	279	121495	102.4	TC-JIL,-JIM,-JIN,	MTOW	233000
A330-223	876	TC-JIP	279	121490	101.0	-JIO,-IP,-IR,-IS,-	MLDW	182000
A330-223	949	TC-JIR	279	121442	101.7	IT,IZ,-LOH,-LOI,-	MZFW	170000
A330-223	961	TC-JIS	279	121241	102.7	LNA,-B		
A330-223	977	TC-JIT	279	121006	102.1			
A330-223	1213	TC-LOH	279	121922	100.9			
A330-223	1221	TC-LOI	279	121713	100.8			
A330-223	1118	TC-JIZ	279	121135	100.9			
A330-223	874	TC-LNA	269	123028	98.8			
A330-223	939	TC-LNB	269	123330	98.3			

COCKPIT CREW TOTAL EFFECT / Cockpit Crew No/Locations		
Cockpit Crew No/Locations	WEIGHT	INDEX
2 COCKPIT CREW	170	-1.6
3 COCKPIT CREW	255	-2.4
4 COCKPIT CREW	340	-3.2

TC-JNA, -JNB, -JNC, -JND, -JNE, -JNF, -JNG		
CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations		
Cabin Crew No/Locations	WEIGHT	INDEX
6 CABIN CREW (2 Fwd + 2 Mid + 2 Aft)	450	-0.3
7 CABIN CREW (2 Fwd + 3 Mid + 2 Aft)	525	-0.4
8 CABIN CREW (2 Fwd + 4 Mid + 2 Aft)	600	-0.5
9 CABIN CREW (3 Fwd + 4 Mid + 2 Aft)	675	-1.1
10 CABIN CREW (3 Fwd + 4 Mid + 3 Aft)	750	-0.5
11 CABIN CREW (3 Fwd + 4 Mid + 4 Aft)	825	0.1
12 CABIN CREW (3 Fwd + 4 Mid + 5 Aft) <i>only for TC-JNF,JNG</i>	900	0.6
13 CABIN CREW (3 Fwd + 4 Mid + 6 Aft) <i>only for TC-JNF,JNG</i>	975	1.3

TC-JIL, -JIM, -JIN		
CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations		
Cabin Crew No/Locations	WEIGHT	INDEX
6 CABIN CREW (2 Fwd + 2 Mid + 2 Aft)	450	-0.4
7 CABIN CREW (2 Fwd + 3 Mid + 2 Aft)	525	-0.6
8 CABIN CREW (2 Fwd + 4 Mid + 2 Aft)	600	-0.7
9 CABIN CREW (3 Fwd + 4 Mid + 2 Aft)	675	-1.4
10 CABIN CREW (3 Fwd + 4 Mid + 3 Aft)	750	-0.8
11 CABIN CREW (3 Fwd + 4 Mid + 4 Aft)	825	-0.2
12 CABIN CREW (3 Fwd + 4 Mid + 5 Aft)	900	0.4
13 CABIN CREW (3 Fwd + 5 Mid + 5 Aft)	975	0.2

A/C BASIC & DRY OPERATING WEIGHT & INDEX TABLE

TC-JIO, -JIP, -JIR, -JIS, -JIT, -JIZ, -LOH, -LOI		
CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations		
Cabin Crew No/Locations	WEIGHT	INDEX
6 CABIN CREW (2 Fwd + 2 Mid + 2 Aft)	450	-0.4
7 CABIN CREW (2 Fwd + 3 Mid + 2 Aft)	525	-0.6
8 CABIN CREW (2 Fwd + 4 Mid + 2 Aft)	600	-0.8
9 CABIN CREW (3 Fwd + 4 Mid + 2 Aft)	675	-1.4
10 CABIN CREW (3 Fwd + 4 Mid + 3 Aft)	750	-0.8
11 CABIN CREW (3 Fwd + 4 Mid + 4 Aft)	825	-0.2
12 CABIN CREW (3 Fwd + 5 Mid + 4 Aft)	900	-0.4
13 CABIN CREW (3 Fwd + 6 Mid + 4 Aft)	975	-0.6

TC-LNA,TC-LNB		
CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations		
Cabin Crew No/Locations	WEIGHT	INDEX
6 CABIN CREW (2 Fwd + 2 Mid + 2 Aft)	450	-0.3
7 CABIN CREW (2 Fwd + 3 Mid + 2 Aft)	525	-0.4
8 CABIN CREW (2 Fwd + 4 Mid + 2 Aft)	600	-0.6
9 CABIN CREW (3 Fwd + 4 Mid + 2 Aft)	675	-1.3
10 CABIN CREW (3 Fwd + 4 Mid + 3 Aft)	750	-0.6
11 CABIN CREW (3 Fwd + 4 Mid + 4 Aft)	825	0.1
12 CABIN CREW (3 Fwd + 4 Mid + 5 Aft)	900	0.7

INFLUENCE OF POTABLE WATER ON DOW/DOI (JNA , JNB,)		
BW/BI value in the above table already includes potable water with FULL tank (700 kg / 3.4 Index) .If potable water tanks are different, adjust DOW &DOI in proper ratios.		
%75 POTABLE WATER	%50 POTABLE WATER	%25 POTABLE WATER
Subtract 175 KG / Subtract 0.8 Index	Subtract 350 KG / Subtract 1.7 Index	Subtract 525 KG / Subtract 2.5 Index

INFLUENCE OF POTABLE WATER ON DOW/DOI (JNC,ND,NE,JIO,JIP,IR,IS,IT,-IZ,-LNA,LNB,-LOH,-LOI)		
BW/BI value in the above table already includes potable water with FULL tank (700 kg/ 2.1 Index) .If potable water tanks are different, adjust DOW &DOI in proper ratios.		
%75 POTABLE WATER	%50 POTABLE WATER	%25 POTABLE WATER
Subtract 175 KG / Subtract 0.5 Index	Subtract 350 KG / Subtract 1.0 Index	Subtract 525 KG / Subtract 1.6 Index

INFLUENCE OF POTABLE WATER ON DOW/DOI (-JNF,-JNG,-JIL,-JIM,-JIN)		
BW/BI value in the above table already includes potable water with FULL tank(1050 kg/4.7 Index) .If potable water tanks are different, adjust DOW &DOI in proper ratios.		
%75 POTABLE WATER	%50 POTABLE WATER	%25 POTABLE WATER
Subtract 262 KG / Subtract 1.2 Index	Subtract 525 KG / Subtract 2.3 Index	Subtract 787 KG / Subtract 3.5 Index

*Basic Wt/Index includes: Cockpit & A/C Documents , Potable Water Tanks Full, Skylife Magazine, Tare empty Weight of all Trolleys & Galley Equipments (hotcup, hotjug , etc). If some items or Equipments 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".

TOOLKIT BOX = 58 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.

PANTRY STANDART WEIGHT/INDEX TABLE (CATERING)

TC-JNA,-JNB,-JNC,-JND,-JNE

Pantry Code	Galley weight			TOTAL		Destination / Departure
	FWD	MID	AFT	WEIGHT	INDEX	
A	630	850	725	2205	-2.9	ER FLIGHTS
N	310	428	454	1192	-0.7	INTERNATIONAL FLIGHTS (EXCEPT-ER)
D	70	185	185	440	0.1	DOMESTIC FLIGHTS ONE WAY
G	140	247	244	631	0.3	DOMESTIC FLIGHTS RETURN PANTRY

TC-JNF, -JNG

Pantry Code	Galley weight			TOTAL		Destination / Departure
	FWD	MID	AFT	WEIGHT	INDEX	
A	630	850	725	2205	-3.9	ER FLIGHTS
N	310	428	454	1192	-1.1	INTERNATIONAL FLIGHTS (EXCEPT ER)
D	70	185	185	440	-0.1	DOMESTIC FLIGHTS ONE WAY
G	140	247	244	631	0.8	DOMESTIC FLIGHTS RETURN PANTRY

TC-JIL, -JIM, -JIN

Pantry Code	Galley weight			TOTAL		Destination / Departure
	FWD	MID	AFT	WEIGHT	INDEX	
A	630	850	725	2205	-3.3	ER FLIGHTS
N	310	428	454	1192	-0.9	INTERNATIONAL FLIGHTS (EXCEPT ER)
D	70	185	185	440	0.1	DOMESTIC FLIGHTS ONE WAY
G	187	102	334	623	1.1	DOMESTIC FLIGHTS RETURN PANTRY

TC-JIO, -JIP, -JIR, -JIS, -JIT, -JIZ , -LOH, -LOI

Pantry Code	Galley weight			TOTAL		Destination / Departure
	FWD	MID	AFT	WEIGHT	INDEX	
A	630	850	725	2205	-3.4	ER FLIGHTS
N	310	428	454	1192	-0.9	INTERNATIONAL FLIGHTS (EXCEPT ER)
D	70	185	185	440	0.1	DOMESTIC FLIGHTS ONE WAY
G	187	102	334	623	1.2	DOMESTIC FLIGHTS RETURN PANTRY

TC-LNA,TC-LNB

Pantry Code	Galley weight			TOTAL		Destination / Departure
	FWD	MID	AFT	WEIGHT	INDEX	
A	630	850	725	2205	-3.5	ER FLIGHTS
N	310	428	454	1192	-1.0	INTERNATIONAL FLIGHTS (EXCEPT ER)
D	70	185	185	440	0	DOMESTIC FLIGHTS ONE WAY
G	187	102	334	623	0.6	DOMESTIC FLIGHTS RETURN PANTRY

REMARKS:

1- All weights are in kg.

* Refer to "DOW-DOI_Table-A330-200" 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.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 4
Cabin Configuration(s) ALL	A / C TYPE A330-200	Carrier TK

4. LIMITATIONS

4.1. Aircraft Weight Limitations

4.1.1. Maximum weights for:

Aircraft Reg.	MSN	Ramp/Taxi	Design Take-off Wet *	Design Take-off Dry	Zero Fuel	Design Landing
TC-JNA	697	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JNB	704	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JNC	742	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JND	754	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JNE	774	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JNF	463	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JNG	504	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIL	882	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIM	901	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIN	932	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIO	869	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIP	876	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIR	949	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIS	961	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIT	977	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-LOH	1213	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-LOI	1221	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-JIZ	1118	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-LNA	874	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg
TC-LNB	939	233 900 kg	N/A	233 000 kg	170 000 kg	182 000 kg

* :Valid for Take-off with injection water

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 .

A330-200: 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 A330-200	Carrier TK

4.2. CG - Limits for Loadsheet Purpose

4.2.1 Take-off CG Limits

Special condition if applicable		
TAKE-OFF FWD		
Specify applicability	Weight	Index Value
TC-JNA, -JNB,-JNC -JND -JNE	116000	86.19
	184854	70.17
	210000	65.05
	233000	83.41
TC-JNF,-JNG	110000	90.38
	210000	67.12
	221019	75.59
	233000	85.15
TC-JIL,-JIM,-JIN	116000	88.23
	194864	69.92
	210000	66.81
	233000	85.16
TC-JIO, -JIP,-JIR,-JIS,- JIT,-LOH,-LOI,-JIZ	116000	87.03
	195444	68.55
	210000	65.59
	233000	83.94
TC-LNA,-LNB	116000	87.53
	210000	65.67
	216526	70.68
	233000	83.83

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight	Index Value
TC-JNA, -JNB,-JNC -JND -JNE	116000	117.90
	169000	161.71
	174300	166.09
	233000	176.62
TC-JNF,-JNG	110000	112.62
	113300	113.29
	169000	159.34
	174300	163.72
TC-JIL,-JIM,-JIN	233000	174.24
	116000	115.66
	169000	159.47
	174300	163.86
TC-JIO, -JIP,-JIR,-JIS,- JIT,-LOH,-LOI,-JIZ	233000	174.38
	116000	115.94
	169000	159.73
	176500	165.93
TC-LNA, -LNB	233000	176.04
	116000	115.97
	169000	159.76
	176500	165.96
TC-LNA, -LNB	233000	176.07

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s) ALL	A / C TYPE A330-200	Carrier TK

4.2.2 Zero-Fuel CG - Limits for Loadsheet Purpose

Special condition if applicable ZERO FUEL FWD			Special condition if applicable ZERO FUEL AFT		
Specify applicability	Weight	Index Value	Specify applicability	Weight	Index Value
TC-JNF,-JNG	110000	102.90	TC-JNF,-JNG	110000	138.19
	128360	99.17		163466	161.51
	129440	98.92		166160	162.01
	130520	98.62		167240	162.33
	131600	98.28		168320	162.80
	132680	97.83		170000	163.11
	135472	96.45			
	143473	90.62			
TC-JNA, -JNB,-JNC,-JND -JNE	170000	84.45	TC-JNA, -JNB,-JNC-JND -JNE	116000	143.18
	116000	99.93		163520	163.90
	128960	97.30		166760	164.50
	131759	96.52		167840	165.09
	135440	94.71		170000	165.49
	143000	89.25			
	143481	87.82			
170000	81.65				
TC-JIL,-JIM,-JIN	116000	101.69	TC-JIL,-JIM,-JIN	116000	140.94
	128960	99.05		163520	161.65
	131759	98.28		166760	162.26
	135440	96.46		167840	162.84
	143000	91.01		170000	163.25
	143378	89.89			
	170000	83.69			
TC-JIO, -JIP,-JIR,-JIS,JIT, -LOH, -LOI,-JIZ	116000	100.47	TC-JIO, -JIP,JIR,-JIS,JIT, -LOH, -LOI,-JIZ	116000	142.60
	128960	97.83		163520	163.32
	131759	97.06		166760	163.92
	135440	95.24		167840	164.51
	143000	89.79		170000	164.91
	143369	88.69			
	170000	82.50			
TC-LNA,-LNB	116000	100.36	TC-LNA,-LNB	116000	142.63
	128960	97.72		163520	163.35
	131759	96.94		166760	163.95
	135440	95.13		167840	164.54
	143644	89.13		170000	164.94
	170000	83.00			

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK

4.2.3 Landing CG - Limits for Loadsheet Purpose

Special condition if applicable Landing FWD			Special condition if applicable Landing AFT		
Specify applicability	Weight	Index Value	Specify applicability	Weight	Index Value
TC-JNF,-JNG	110000	90.38	TC-JNF,-JNG	110000	112.62
	182000	73.63		113300	113.29
		169000		159.34	
		174300		163.72	
		182000		165.10	
TC-JNA,-JNB,-JNC-JND, -JNE	116000	86.19	TC-JNA,-JNB,-JNC-JND, -JNE	116000	117.90
	182000	70.83		169000	161.71
		174300		166.09	
		182000		167.47	
TC-JIL,-JIM,-JIN	116000	88.23	TC-JIL,-JIM,-JIN	116000	115.66
	182000	72.91		169000	159.47
		174300		163.86	
		182000		165.24	
TC-JIO, -JIP,-JIR,-JIS,JIT,- LOH, -LOI,-JIZ	116000	87.03	TC-JIO, -JIP,-JIR,-JIS,JIT- LOH, -LOI,-JIZ	116000	115.94
	182000	71.68		169000	159.73
		176500		165.93	
		182000		166.91	
TC-LNA,-LNB	116000	87.53	TC-LNA, -LNB	116000	115.97
	182000	72.18		169000	159.76
		176500		165.96	
		182000		166.94	

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK

5. EFFECT OF FUEL

5.1 EFFECT OF FUEL - Standard Fuel Refueling Procedure

Fuel Wt. kg	Fuel Density (Kg/lt)						Fuel Wt. kg	Fuel Density (Kg/lt)					
	0.78	0.79	0.80	0.81	0.82	0.83		0.78	0.79	0.80	0.81	0.82	0.83
2000	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	61500	-1.1	-1.6	-2.0	-2.5	-2.9	-3.3
4000	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	64000	-0.3	-0.9	-1.5	-2.0	-2.5	-3.0
6000	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	66500	+1.0	+0.2	-0.5	-1.2	-1.9	-2.5
8000	-8.4	-8.4	-8.4	-8.4	-8.4	-8.4	69000	+2.8	+1.8	+0.9	+0.0	-0.7	-1.5
10000	-7.7	-7.7	-7.7	-7.7	-7.7	-7.7	71000	+4.6	+3.5	+2.4	+1.4	+0.5	-0.3
12000	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	73000	+6.8	+5.5	+4.3	+3.2	+2.1	+1.1
14000	+1.0	+1.0	+0.9	+0.9	+0.9	+0.8	75000	+7.3	+7.3	+6.5	+5.3	+4.0	+2.9
16000	+1.6	+1.9	+2.1	+2.3	+2.5	+2.8	77000	+6.8	+6.9	+6.9	+6.8	+6.3	+5.0
18000	-0.3	-0.1	+0.1	+0.3	+0.5	+0.8	79000	+6.1	+6.3	+6.4	+6.4	+6.4	+6.3
20000	-2.3	-2.1	-1.8	-1.6	-1.4	-1.2	81000	+5.2	+5.5	+5.7	+5.8	+6.0	+6.0
22000	-4.2	-4.0	-3.7	-3.5	-3.3	-3.1	83000	+4.3	+4.6	+4.8	+5.1	+5.3	+5.4
24000	-6.0	-5.8	-5.6	-5.4	-5.2	-5.0	85000	+3.3	+3.6	+3.9	+4.2	+4.5	+4.7
26000	-7.8	-7.6	-7.4	-7.2	-7.0	-6.8	87000	+2.3	+2.7	+3.0	+3.3	+3.6	+3.8
28000	-9.6	-9.4	-9.2	-9.0	-8.8	-8.6	89000	+1.4	+1.7	+2.1	+2.4	+2.7	+3.0
30000	-11.3	-11.2	-11.0	-10.8	-10.6	-10.4	91000	+0.4	+0.8	+1.1	+1.5	+1.8	+2.1
32000	-13.0	-12.9	-12.7	-12.5	-12.3	-12.1	93000	-0.5	-0.1	+0.2	+0.6	+0.9	+1.2
34000	-14.7	-14.5	-14.4	-14.2	-14.0	-13.8	95000	-1.4	-1.0	-0.7	-0.3	+0.0	+0.4
36000	-16.4	-16.2	-16.0	-15.9	-15.7	-15.5	97000	-2.3	-1.9	-1.5	-1.2	-0.8	-0.5
36500	-16.8	-16.6	-16.4	-16.3	-16.1	-15.9	99000	-3.2	-2.8	-2.4	-2.0	-1.6	-1.3
37000	-11.7	-11.5	-11.4	-11.2	-11.0	-10.8	101000	-4.1	-3.6	-3.2	-2.8	-2.5	-2.1
37500	-6.5	-6.4	-6.2	-6.0	-5.9	-5.7	103000	-5.2	-4.6	-4.1	-3.7	-3.3	-2.9
38000	-1.3	-1.1	-1.0	-0.8	-0.7	-0.5	105000	-6.4	-5.7	-5.1	-4.6	-4.1	-3.7
38500	+3.9	+4.1	+4.2	+4.4	+4.5	+4.7	107000	-7.9	-6.9	-6.2	-5.5	-5.0	-4.6
39000	+8.1	+8.2	+8.4	+8.6	+8.7	+8.9	109000		-8.5	-7.5	-6.7	-6.0	-5.5
41500	+6.1	+6.2	+6.4	+6.5	+6.7	+6.8	111000			-9.2	-8.1	-7.2	-6.5
44000	+4.2	+4.3	+4.5	+4.6	+4.7	+4.9	113000					-8.8	-7.8
46500	+2.4	+2.5	+2.6	+2.7	+2.8	+3.0	115000						-9.4
49000	+0.9	+0.9	+1.0	+1.0	+1.1	+1.2	117000						
51500	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4							
54000	-1.1	-1.2	-1.4	-1.5	-1.6	-1.7							
56500	-1.4	-1.7	-2.0	-2.2	-2.4	-2.5							
59000	-1.5	-1.9	-2.2	-2.5	-2.8	-3.1	FULL	-9.2	-9.4	-9.5	-9.6	-9.7	-9.8

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 = **25 kg/minute**
 APU Fuel Flow = **215 kg/hour**

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK

5.3 EFFECT OF FUEL – Seperate influence of Trim Tank

If DCS database & loadcontroller input command allows loadcontroller to input Inner+Outer+Center Tanks & Trim Tank seperately then the tables below can be used. The amount of fuel in trim tank should be stated as SI message on electronic loadsheet.

Fuel Index calculation shall be done as follows:

A - Fuel quantity in each individual tank should be recorded

B - Fuel in Inner + Outer + Center Tanks should be read and corresponding fuel index should be read from "Inner + Outer + Center Tanks Table".

C - Fuel in Trim tank should be read and corresponding fuel index should be read from "Trim Tank Table".

D - Fuel Index found from above items "B" & "C" are summed to get Total Fuel Index

Inner + Outer + Center Tanks Table

Fuel Wt. kg	Fuel Density (Kg/lt)			
	0.760	0.785	0.80	0.83
2000	-2.1	-2.1	-2.1	-2.1
8000	-8.4	-8.4	-8.4	-8.4
9000	-9.4	-9.4	-9.4	-9.4
10000	-7.7	-7.7	-7.7	-7.7
14000	1.1	1.0	0.9	0.8
14548	2.6	2.5	2.4	2.3
14730	2.4	3.0	2.9	2.8
14840	2.3	2.9	3.2	3.1
15060	2.1	2.7	3.0	3.7
16000	1.2	1.7	2.1	2.7
20000	-2.7	-2.2	-1.9	-1.2
24000	-6.4	-5.9	-5.6	-5.0
28000	-10.0	-9.5	-9.2	-8.6
32000	-13.4	-13.0	-12.7	-12.1
36000	-16.7	-16.3	-16.0	-15.5
36500	-17.1	-16.7	-16.5	-15.9
37000	-17.5	-17.1	-16.8	-16.3
37500	-17.9	-17.5	-17.2	-16.7
38000	-18.3	-17.9	-17.7	-17.2

Fuel Wt. kg	Fuel Density (Kg/lt)			
	0.760	0.785	0.80	0.83
38900	-18.9	-18.6	-18.4	-17.9
40000	-19.8	-19.4	-19.2	-18.8
50000	-25.2	-25.6	-25.7	-25.7
60000	-24.5	-26.0	-26.8	-28.1
69388	-16.9	-20.1	-21.8	-24.7
71670	-19.2	-17.5	-19.5	-22.9
73040	-20.8	-18.8	-17.8	-21.6
75780	-24.2	-21.9	-20.6	-18.5
80000	-29.8	-27.3	-25.8	-23.0
83000	-33.8	-31.3	-29.8	-26.7
86000	-37.8	-35.3	-33.8	-30.7
89000	-41.8	-39.3	-37.8	-34.8
92000	-45.8	-43.3	-41.8	-38.8
95000	-49.9	-47.3	-45.8	-42.8
98000	-54.4	-51.4	-49.8	-46.7
100974	-59.6	-55.8	-53.9	-50.7
104295		-61.6	-59.1	-55.3
106288			-62.8	-58.2
110275				-65.1

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK

5.3 EFFECT OF FUEL – Seperate influence of Trim Tank

Trim Tank Table			
Fuel Wt. (kg)	Index	Fuel Wt. (kg)	Index
0	0.0	2700	28.1
200	2.1	2900	30.2
300	3.1	3000	31.3
400	4.1	3100	32.3
500	5.1	3300	34.5
600	6.2	3500	36.7
800	8.2	3600	37.8
900	9.3	3800	40.0
1000	10.3	4000	42.2
1200	12.4	4100	43.3
1400	14.5	4200	44.4
1500	15.5	4400	46.6
1600	16.5	4600	48.9
1800	18.6	4700	50.1
1900	19.7	4735¹	50.5
2100	21.7	4891²	52.2
2200	22.8	4984³	53.3
2400	24.9	5171⁴	55.3
2600	27.0		

VOLUMETRIC CAPACITY (Inner Tanks + Outer Tanks + Trim Tank)		
	LT	KG (0.80 kg/lit)
INNER TANKS	42000 LT * 2 = 84000 LT	67200 KG
OUTER TANKS	3650 LT * 2 = 7300 LT	5840 KG
CENTER TANK	41560 LT	33248 KG
TRIM TANK	6230 LT	4984 KG
TOTAL	139 090 LT	111 272 KG

Example calculation (Density 0.8 kg / l) :

Individual Tank	Weight	Index
Inner Tanks & Outer Tanks & Center Tank	36500 kg	-16.5
Trim Tank	500 kg	5.1
Total Fuel	37000 kg	-11.4

¹ max. fuel capacity for fuel density 0.760

² max. fuel capacity for fuel density 0.785

³ max. fuel capacity for fuel density 0.80

⁴ max. fuel capacity for fuel density 0.83

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 7
Cabin Configuration(s) ALL	A/ C TYPE A330-200	Carrier TK

6. CREW

6.1. Number of cockpit crew seats and average location

Max. number of cockpit seats	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
Captain	-	24,2835	-	0.009713
1st Officer	-	24,2835	-	0.009713
Third Occupant	-	23,3555	-	0.009342
Fourth Occupant	-	23,3055	-	0.009322
4 seats	-	23.8	-	0.00952

6.2. Number of cabin crew seats and location

TC-JNA,-JNB,-JNC,-JND,-JNE

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
FWD	3	-	21.517	-	0.00861
MID	4	-	3.663	-	0.00147
AFT	4	+	20.175	+	0.00807

TC-JNF,-JNG

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
FWD	3	-	21.517	-	0.00861
MID	4	-	3.663	-	0.00147
AFT	6	+	20.175	+	0.00807

TC-JIL,-JIM,-JIN

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
FWD	3	-	21.221	-	0.00849
MID	5	-	5.114	-	0.00205
AFT	5	+	19.434	+	0.00777

TC-JIO, -JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
FWD	3	-	21.201	-	0.00848
MID	6	-	6.310	-	0.00252
AFT	4	+	20.602	+	0.00824

TC-LNA,-LNB

CABIN Crew seats locations	Max. No. of seats	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
FWD	3	-	21.201	-	0.00848
MID	4	-	3.5063	-	0.001403
AFT	5	+	19.915	+	0.007966

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

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 7
Cabin Configuration(s) ALL	A / C TYPE A330-200	Carrier TK

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	
2/1	2	1	1	0	0	BULK CARGO COMPT. 51
2/2	2	2	1	0	1	
2/3	2	3	1	1	1	
2/4	2	4	1	2	1	
2/5	2	5	1	2	2	
2/6	2	6	2	2	2	
2/7	2	7	2	3	2	
2/8	2	8	2	4	2	
2/9	2	9	3	4	2	
2/10	2	10	3	4	3	
2/11	2	11	3	4	4	
2/12 (a)	2	12	3	4	5	
2/12 (b)	2	12	3	5	4	
2/13 (c)	2	13	3	4	6	
2/13 (d)	2	13	3	5	5	
2/13 (e)	2	13	3	6	4	

- (a) Only applicable for TC-JNF,-JNG,- JIL,-JIM,-JIN,-LNA,-LNB
- (b) Only applicable for TC-JIO, -JIP,- JIR,-JIS, -JIT,-LOI,-JIZ
- (c) Only applicable for TC-JNF,-JNG
- (d) Only applicable for TC-JIL,-JIM,-JIN
- (e) Only applicable for TC-JIO, -JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 8
	A / C TYPE A330-200	Carrier TK

7. GALLEY AND PANTRY

7.1. Galleys

TC-JNF,-JNG

Galley locations	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
G1	-	22.378	-	0.00895
G1C	-	20.330	-	0.00813
FWD (G1+G1C)	-	21.505	-	0.00860
G2	-	13.101	-	0.00524
MID (G2)	-	13.101	-	0.00524
G6	+	20.812	+	0.00832
G7	+	20.812	+	0.00832
AFT(G6+G7)	+	20.812	+	0.00832

TC-JIL,-JIM,-JIN

Galley locations	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
G1	-	22.391	-	0.00896
G2	-	20.459	-	0.00818
FWD(G1+G2)	-	21.538	-	0.00862
G3	-	12.420	-	0.00497
G4	-	10.790	-	0.00432
G4A	-	10.507	-	0.00420
MID(G3+G4+G4A)	-	11.139	-	0.00446
G5	+	18.016	+	0.00721
G6	+	20.813	+	0.00833
G7	+	20.813	+	0.00833
AFT(G5+G6+G7)	+	20.335	+	0.00813

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 8
	A/ C TYPE A330-200	Carrier TK

7. GALLEY AND PANTRY

7.1. Galleys

TC-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ

Galley locations	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
G1	-	22.391	-	0.00896
G2	-	20.557	-	0.00822
FWD(G1+G2)	-	21.574	-	0.00863
G3	-	12.907	-	0.00516
G4	-	11.078	-	0.00433
MID(G3+G4)	-	11.900	-	0.00476
G5	+	20.813	+	0.00833
G6	+	20.813	+	0.00833
AFT(G5+G6)	+	20.813	+	0.00833

TC-LNA, TC-LNB

Galley locations	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
G1	-	22.378	-	0.00895
G2	-	20.330	-	0.00813
FWD(G1+G2)	-	21.4656	-	0.00859
G3	-	12.609	-	0.00504
G4	-	10,892	-	0.00436
MID(G3+G4)	-	11.5504	-	0.00462
G5	+	17.898	+	0.00716
G6	+	20.813	+	0.00832
G7	+	20.813	+	0.00832
AFT(G5+G6)	+	20.2289	+	0.00809

TC-JNA, -JNB,-JNC,-JND,-JNE

Galley locations	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
G1	-	20.330	-	0.00808
G1R	-	20.131	-	0.00805
G1L	-	20.131	-	0.00805
FWD(G1+G1R+G1L)	-	20.180	-	0.00807
G2	-	13.002	-	0.00535
G3	-	11.450	-	0.00458
G3R	-	10.115	-	0.00404
G3L	-	10.115	-	0.00404
G4	-	9.495	-	0.00380
MID(G2+G3+G3R+G3L+G4)	-	10.898	-	0.00438
G5	+	18.002	+	0.00720
G6	+	21.478	+	0.00859
G7	+	21.478	+	0.00859
AFT(G5+G6+G7)	+	20.291	+	0.00815

Remarks: "FWD", "MID", "AFT" average Galley Locations can be used for simplicity.

7.2 Pantry Weight / Pantry Code

Pantry Weight / Pantry Code is given on A/C BASIC & DRY OPERATING WEIGHT & INDEX TABLE.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 9
Cabin Configuration(s) ALL	A / C TYPE A330-200	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	AIRCRAFT DATA	C Sheet 10
	A / C TYPE A330-200	Carrier TK

8. PASSENGER CABIN

8.1 Passenger Seats CLASS CODES : Class 1 : C Class 2 : Y Class 3 : -

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
TC-JNA,-JNB,-JNC,-JND,-JNE				
OA		18		
OB		64		
OC		60		
OD		56		
OE		52		
Total per class		250		250

TC-JNF,-JNG				
CABIN CONFIGURATION 281Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	22			22
OB	152			152
OC	107			107
Total per class	281			281

TC-JIL,-JIM,-JIN				
CABIN CONFIGURATION 220Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	18			18
OB	12			12
OC	88			88
OD	56			56
OE	46			46
Total per class	220			220

TC-LNA,-LNB				
CABIN CONFIGURATION 269Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	18			18
OB	80			80
OC	68			68
OD	56			56
OE	47			47
Total per class	269			269

TC-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ				
CABIN CONFIGURATION 279Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	24			24
OB	79			79
OC	72			72
OD	56			56
OE	48			48
Total per class	279			279

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
TC-JNA,-JNB,-JNC,-JND,-JNE				
OA	18			
OB		64		
OC		60		
OD		56		
OE		52		
Total per class	18	232		250

TC-JNF,-JNG				
CABIN CONFIGURATION 22C/259Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	22			22
OB		152		152
OC		107		107
Total per class	22	259		281

TC-JIL,-JIM,-JIN				
CABIN CONFIGURATION 30C/190Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	18			18
OB	12			12
OC		88		88
OD		56		56
OE		46		46
Total per class	30	190		220

TC-LNA,-LNB				
CABIN CONFIGURATION 18C/251Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	18			18
OB		80		80
OC		68		68
OD		56		56
OE		47		47
Total per class	18	251		269

TC-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ				
CABIN CONFIGURATION 24C/255Y				
Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
OA	24			24
OB		79		79
OC		72		72
OD		56		56
OE		48		48
Total per class	24	255		279

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 10
	A / C TYPE A330-200	Carrier TK

8.2 Class/Cabin Sections

TC-JNF,-JNG

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	16.552	-	0.00662
OB	-	3.191	-	0.00128
OC	+	11.915	+	0.00477

TC-JIL,-JIM,-JIN

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	15.997	-	0.00640
OB	-	7.328	-	0.00293
OC	-	0.266	-	0.00011
OD	+	9.132	+	0.00365
OE	+	14.574	+	0.00583

TC-LNA,-LNB

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	15.505	-	0.00634
OB	-	6.727	-	0.00236
OC	+	1.010	+	0.00056
OD	+	9.260	+	0.00367
OE	+	14.754	+	0.00584

TC-JIO,-JIP, -JIR, -JIS,-JIT,-LOH,-LOI,-JIZ

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	16.138	-	0.00646
OB	-	5.871	-	0.00235
OC	+	1.608	+	0.00064
OD	+	9.376	+	0.00375
OE	+	14.872	+	0.00595

TC-JNA,-JNB,-JNC-JND,-JNE

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	16.157	-	0.00646
OB	-	5.073	-	0.00203
OC	+	1.425	+	0.00057
OD	+	9.274	+	0.00371
OE	+	14.868	+	0.00595

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 10
	A / C TYPE A330-200	Carrier TK

8.3 Seating Layout

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 Practice 1711.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s) TC-JNF,-JNG	A/ C TYPE A330-200	Carrier TK

8.3.5 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Cabin Config. 281Y , 22C/259Y										Length of arm from reference station	INDEX INFLUENCE per SEAT-ROW per 1kg
		A	B		D	E	F	G		J	K		
A	1	NBI	N	.	NBI	N			.	N	NBI	-18.425	-0.00737
	2	NI	N	.	NI	N			.	N	NI	-17.050	-0.00682
	3	NI	N	.	NI	N			.	N	NI	-15.650	-0.00626
	4	.	.	.	NI	N			.	N	NI	-14.375	-0.00575
B	5	NBE	N	.	N	NBI	NBI	N	.	N	NBE	-10.500	-0.00420
	6	NI	N	.	N	NI	NI	N	.	N	NI	-9.700	-0.00388
	7	NI	N	.	N	NI	NI	N	.	N	NI	-8.875	-0.00355
	8	NI	N	.	N	NI	NI	N	.	N	NI	-8.075	-0.00323
	9	NI	N	.	N	NI	NI	N	.	N	NI	-7.250	-0.00290
	10	NI	N	.	N	NI	NI	N	.	N	NI	-6.450	-0.00258
	11	NI	N	.	N	NI	N	N	.	N	NI	-5.625	-0.00225
	12	NI	N	.	N	NI	NI	N	.	N	NI	-4.825	-0.00193
	13	NI	N	.	N	NI	NI	N	.	N	NI	-4.000	-0.00160
	14	NI	N	.	N	N	NI	N	.	N	NI	-3.175	-0.00127
	15	NI	N	.	N	NI	N	N	.	N	NI	-2.375	-0.00095
	16	NI	N	.	N	N	NI	N	.	N	NI	-1.550	-0.00062
	17	NI	N	.	N	NI	N	N	.	N	NI	-0.750	-0.00030
	18	NI	N	.	N	N	NI	N	.	N	NI	0.075	+0.00003
	19	NI	N	.	N	N	NI	N	.	N	NI	0.875	+0.00035
	20	NI	N	.	N	N	NI	N	.	N	NI	1.700	+0.00068
	21	NI	N	.	N	NI	NI	N	.	N	NI	2.500	+0.00100
	22	NI	N	.	N	NI	NI	N	.	N	NI	3.300	+0.00132
	23	NI	N	.	N	NI	NI	N	.	N	NI	4.100	+0.00164
	C	24	NE	NE	.	N	NI	NI	N	.	NE	NE	6.825
25		NI	N	.	N	NI	NI	N	.	N	NI	7.650	+0.00306
26		NI	N	.	N	NI	NI	N	.	N	NI	8.450	+0.00338
27		NI	N	.	N	NI	NI	N	.	N	NI	9.275	+0.00371
28		NI	N	.	N	NI	NI	N	.	N	NI	10.075	+0.00403
29		NI	N	.	N	N	NI	N	.	N	NI	10.900	+0.00436
30		NI	N	.	N	NI	N	N	.	N	NI	11.700	+0.00468
31		NI	N	.	N	NI	NI	N	.	N	NI	12.525	+0.00501
32		NI	N	.	N	NI	NI	N	.	N	NI	13.350	+0.00534
33		NI	N	.	N	NI	NI	N	.	N	NI	14.150	+0.00566
34		NI	N	.	N	N	N		.	N	NI	14.950	+0.00598
35		NI	N	.	N	N	N		.	N	NI	15.725	+0.00629
36		NI	N	.	NC	NC	NC		.	N	NI	16.525	+0.00661
37				.	NC	NC	NC		.			17.150	+0.00686
38				.	NC	NC	NC		.			17.950	+0.00718

FIXED CERTAIN CLASS DIVIDER is shown as : _____

THE AISLE is shown as : | . |

Letter "C" means Crew seat. There is no mobil crewrest container in TC-JNF

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s)	A/C TYPE	Carrier
TC-JNA,-JNB,-JNC,-JND,-JNE	A330-200	TK

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Cabin Config. 250Y , 18C/232Y										Length of arm from reference station	Index INFLUENCE per SEAT-ROW per 1kg
		A	B		D	E	F	G		J	K		
A	1	NBI	N	.	NI	N			.	N	NBI	-0.00723	
	2	NI	N	.	NI	N			.	N	NI	-0.00647	
	3	NI	N	.	NI	N			.	N	NI	-0.00569	
B	4	NBI	N	.	N	NBI	NBI	N	.	N	NBI	-0.00320	
	5	NI	N	.	N	NI	NI	N	.	N	NI	-0.00287	
	6	NI	N	.	N	NI	NI	N	.	N	NI	-0.00253	
	7	NI	N	.	N	NI	NI	N	.	N	NI	-0.00220	
	8	NI	N	.	N	NI	NI	N	.	N	NI	-0.00186	
	9	NI	N	.	N	NI	NI	N	.	N	NI	-0.00153	
	10	NI	N	.	N	NI	NI	N	.	N	NI	-0.00119	
	11	NI	N	.	N	NI	NI	N	.	N	NI	-0.00086	
	12	NI	N	.	N	NI	NI	N	.	N	NI	-0.00052	
C	13	NI	N	.	N	NI	NI	N	.	N	NI	-0.00019	
	14	NI	N	.	N	NI	NI	N	.	N	NI	+0.00015	
	15	NI	N	.	N	NI	NI	N	.	N	NI	+0.00048	
	16	NI	N	.	N	NI	NI	N	.	N	NI	+0.00082	
	17	NI	N	.	N	NI	NI	N	.	N	NI	+0.00116	
	18	NI	N	.	N	NI	NI	N	.	N	NI	+0.00149	
	19			.	N	NI	NI	N	.			+0.00177	
D	20	NE	NE	.	N	NBI	NBI	N	.	NE	NE	+0.00275	
	21	NI	N	.	N	NI	NI	N	.	N	NI	+0.00307	
	22	NI	N	.	N	NI	NI	N	.	N	NI	+0.00339	
	23	NI	N	.	N	NI	NI	N	.	N	NI	+0.00371	
	24	NI	N	.	N	NI	NI	N	.	N	NI	+0.00403	
	25	NI	N	.	N	NI	NI	N	.	N	NI	+0.00436	
	26	NI	N	.	N	NI	NI	N	.	N	NI	+0.00468	
E	27	NI	N	.	N	NI	NI	N	.	N	NI	+0.00500	
	28	NI	N	.	N	NI	NI	N	.	N	NI	+0.00532	
	29	NI	N	.	N	NI	N	N	.	N	NI	+0.00565	
	30	NI	N	.	N	NI	N		.	N	NI	+0.00599	
	31	NI	N	.	N	NI	N		.	N	NI	+0.00632	
	32	NI	N	.	N	NI	N		.	N	NI	+0.00664	
	33	NI	N	.	N	NI	N		.	N	NI	+0.00697	

FIXED CERTAIN CLASS DIVIDER is shown as : _____

THE AISLE is shown as : | . |

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK
TC-JIL,-JIM,-JIN		

8.3.4 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Cabin Config. 220Y , 30C/190Y										Length of arm from reference station	INDEX INFLUENCE per SEAT-ROW per 1kg
		A	B		D	E	F	G		J	K		
A	1	NI		.	NI				.		NI		-0.00743
	2	NI		.	NI				.		NI		-0.00702
	3	NI		.	NI				.		NI		-0.00661
	4	NI		.	NI				.		NI		-0.00619
	5	NI		.	NI				.		NI		-0.00578
	6	NI		.	NI				.		NI		-0.00537
B	7	NE		.				NI	.		NE		-0.00355
	8	NI		.				NI	.		NI		-0.00314
	9	NI		.				NI	.		NI		-0.00272
	10	NI		.				NI	.		NI		-0.00231
C	14	NI	N	.	NI	N	N	N	.	N	NI		-0.00173
	15	NI	N	.	NI	N	N	N	.	N	NI		-0.00141
	16	NI	N	.	NI	N	N	N	.	N	NI		-0.00108
	17	NI	N	.	NI	N	N	N	.	N	NI		-0.00076
	18	NI	N	.	NI	N	N	N	.	N	NI		-0.00043
	19	NI	N	.	NI	N	N	N	.	N	NI		-0.00011
	20	NI	N	.	NI	NI	N	N	.	N	NI		+0.00022
	21	NI	N	.	NI	N	N	N	.	N	NI		+0.00054
	22	NI	N	.	NI	N	N	N	.	N	NI		+0.00087
	23	NI	N	.	NI	N	N	N	.	N	NI		+0.00119
D	24	NI	N	.	NI	N	N	N	.	N	NI		+0.00152
	25	NE	NE		NB	N	N	NB	.	NE	NE		+0.00268
	26	NI	N	.	NI	N	N	N	.	N	NI		+0.00300
	27	NI	N	.	NI	N	N	N	.	N	NI		+0.00333
	28	NI	N	.	NI	N	N	N	.	N	NI		+0.00365
	29	NI	N	.	NI	N	N	N	.	N	NI		+0.00398
	30	NI	N	.	NI	N	N	N	.	N	NI		+0.00430
	31	NI	N	.	NI	N	N	N	.	N	NI		+0.00463
	32	NI	N	.	NI	N	N	N	.	N	NI		+0.00496
E	33	NI	N	.	NI	N	N		.	N	NI		+0.00529
	34	NI	N	.	NI	N	N		.	N	NI		+0.00562
	35	NI	N	.	NI	N	N		.	N	NI		+0.00594
	36	NI	N	.	NIC	NC	NC		.	N	NI		+0.00627
	37	NI	N	.	NIC	NC	NC		.	N	NI		+0.00659
	38			.	NIC	NC	NC		.				+0.00682

FIXED CERTAIN CLASS DIVIDER is shown as : _____

THE AISLE is shown as : | . |

Letter "C" means Crew seat. There is no mobil crewrest container in TC-JIL,-JIM,-JIN

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s) TC-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ	A / C TYPE A330-200	Carrier TK

8.3.5 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Cabin Config. 279Y , 24C/255Y										Length of arm from reference station	INDEX INFLUENCE per SEAT-ROW per 1kg	
		A	B		D	E	F	G		J	K			
A	1	NBI	N	.	NI	NB			.	N	NBI	-18.425	-0.00737	
	2	NI	N	.	NI	N			.	N	NI	-16.900	-0.00676	
	3	NI	N	.	NI	N			.	N	NI	-15.375	-0.00615	
	4	NI	N	.	NI	N			.	N	NI	-13.850	-0.00554	
B	5	NBI	NI	.	N	NBI	NBI		.	N	NBI	-9.475	-0.00379	
	6	NI	N	.	N	NI	N	N	.	N	NI	-8.675	-0.00347	
	7	NI	N	.	N	NI	N	N	.	N	NI	-7.875	-0.00315	
	8	NI	N	.	N	NI	N	N	.	N	NI	-7.100	-0.00284	
	9	NI	N	.	N	NI	N	N	.	N	NI	-6.300	-0.00252	
	10	NI	N	.	N	NI	N	N	.	N	NI	-5.525	-0.00221	
	11	NI	N	.	N	NI	N	N	.	N	NI	-4.725	-0.00189	
	12	NI	N	.	N	NI	N	N	.	N	NI	-3.950	-0.00158	
	13	NI	N	.	N	NI	N	N	.	N	NI	-3.150	-0.00126	
	14	NI	N	.	N	NI	N	N	.	N	NI	-2.375	-0.00095	
	C	15	NI	N	.	N	NI	N	N	.	N	NI	-1.575	-0.00063
		16	NI	N	.	N	NI	N	N	.	N	NI	-0.800	-0.00032
		17	NI	N	.	N	NI	N	N	.	N	NI	0.000	0.00000
		18	NI	N	.	N	NI	N	N	.	N	NI	0.775	0.00031
19		NI	N	.	N	NI	N	N	.	N	NI	1.575	0.00063	
20		NI	N	.	N	NI	N	N	.	N	NI	2.350	0.00094	
21		NI	N	.	N	NI	N	N	.	N	NI	3.150	0.00126	
22		NI	N	.	N	NI	N	N	.	N	NI	3.925	0.00157	
23				.	N	N	N	N	.			4.700	0.00188	
24				.	N	N	NI	N	.			5.500	0.00220	
D	25	NE	N	.	N	N	NI	N	.	N	NE	6.925	0.00277	
	26	NI	N	.	N	N	NI	N	.	N	NI	7.750	0.00310	
	27	NI	N	.	N	N	NI	N	.	N	NI	8.575	0.00343	
	28	NI	N	.	N	N	NI	N	.	N	NI	9.375	0.00375	
	29	NI	N	.	N	N	NI	N	.	N	NI	10.200	0.00408	
	30	NI	N	.	N	N	NI	N	.	N	NI	11.000	0.00440	
	31	NI	N	.	N	N	NI	N	.	N	NI	11.825	0.00473	
	32	NI	N	.	N	N	NI	N	.	N	NI	12.625	0.00505	
E	33	NI	N	.	N	N	NI	N	.	N	NI	13.450	0.00538	
	34	NI	N	.	N	N	NI		.	N	NI	14.300	0.00572	
	35	NI	N	.	N	N	NI		.	N	NI	15.125	0.00605	
	36	NI	N	.	N	N	NI		.	N	NI	15.950	0.00638	
	37	NI	N	.	N	N	NI		.	N	NI	16.750	0.00670	
	38	NI	N	.					.	N	NI	17.600	0.00704	

FIXED CERTAIN CLASS DIVIDER is shown as : _____

THE AISLE is shown as : | . |

Letter "C" means Crew seat. There is no mobil crewrest container in TC-JIO

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA		C Sheet 11
Cabin Configuration(s)	A / C TYPE		Carrier
TC-LNA,-LNB	A330-200		TK

8.3.5 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Cabin Config. 269Y, 18C/251Y										Length of arm from reference station	INDEX INFLUENCE per SEAT-ROW per 1kg
		A	B	.	D	E	F	G	.	J	K		
A	1	NI	N	.	NI	N			.	N	NI	-18.0500	-0.00722
	2	NI	N	.	NI	N			.	N	NI	-16.0750	-0.00643
	3	NI	N	.	NI	N			.	N	NI	-14.1000	-0.00564
B	5	NE	N	.	NI	NB	N	NI	.	N	NE	-9.4000	-0.00376
	6	NI	N	.	NI	N	N	NI	.	N	NI	-8.6000	-0.00344
	7	NI	N	.	NI	N	N	NI	.	N	NI	-7.8250	-0.00313
	8	NI	N	.	NI	N	N	NI	.	N	NI	-7.0250	-0.00281
	9	NI	N	.	NI	N	N	NI	.	N	NI	-6.2500	-0.00250
	10	NI	N	.	NI	N	N	NI	.	N	NI	-5.4500	-0.00218
	11	NI	N	.	NI	N	N	NI	.	N	NI	-4.6750	-0.00187
	12	NI	N	.	NI	N	N	NI	.	N	NI	-3.8750	-0.00155
	13	NI	N	.	NI	N	N	NI	.	N	NI	-3.1000	-0.00124
	14	NI	N	.	NI	N	N	NI	.	N	NI	-2.3000	-0.00092
	C	15	NI	N	.	NI	N	N	NI	.	N	NI	-1.5250
16		NI	N	.	NI	N	N	NI	.	N	NI	-0.7250	-0.00029
17		NI	N	.	NI	N	N	NI	.	N	NI	0.0500	0.00002
18		NI	N	.	NI	N	N	NI	.	N	NI	0.8500	0.00034
19		NI	N	.	NI	N	N	NI	.	N	NI	1.6250	0.00065
20		NI	N	.	NI	N	N	NI	.	N	NI	2.4250	0.00097
21		NI	N	.	NI	N	N	NI	.	N	NI	3.2000	0.00128
22		NI	N	.	NI	N	N	NI	.	N	NI	4.0000	0.00160
23		NI	N	.					.	N	NI	4.7500	0.00190
D	24	NE	N	.	NI	NB	N	NBI	.	N	NE	6.7750	0.00271
	25	NI	N	.	NI	N	N	NI	.	N	NI	7.6000	0.00304
	26	NI	N	.	NI	N	N	NI	.	N	NI	8.4000	0.00336
	27	NI	N	.	NI	N	N	NI	.	N	NI	9.2250	0.00369
	28	NI	N	.	NI	N	N	NI	.	N	NI	10.0250	0.00401
	29	NI	N	.	NI	N	N	NI	.	N	NI	10.8500	0.00434
E	30	NI	N	.	NI	N	N	NI	.	N	NI	11.6500	0.00466
	31	NI	N	.	NI	N	N	NI	.	N	NI	12.5000	0.00500
	32	NI	N	.	NI	N	N	NI	.	N	NI	13.3000	0.00532
	33	NI	N	.	NI	N	NI		.	N	NI	14.1500	0.00566
	34	NI	N	.	NI	N	NI		.	N	NI	14.9500	0.00598
	35	NI	N	.	NI	N	NI		.	N	NI	15.7750	0.00631
	36	NI	N	.	NI	N	NI		.	N	NI	16.5750	0.00663
	37			.	NI	N	NI		.			17.2000	0.00688

FIXED CERTAIN CLASS DIVIDER is shown as : _____

THE AISLE is shown as : | . |

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 12
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK
ALL		

9. DETAILS FOR COMPARTMENT TRIM

TC-JNA,-JNB,-JNC,-JND,-JNE

COMPARTMENT		MAXIMUM CAPACITY		Index influence	
NUMBER	DESCRIPTION	GROSS WEIGHT (kg)	VOLUME* (m ³)	+/-	per 1 kg
1	FWD CARGO HOLD	1+2 MAX.CUM.		-	0.00609
2	FWD CARGO HOLD	18869		-	0.00379
3	AFT CARGO HOLD	3+4 MAX.CUM.		+	0.00298
4	AFT CARGO HOLD	15241		+	0.00444
5	REAR / BULK CargoHold	3468	19.68	+	0.00630

TC-JNF,-JNG,-JNV,-JIL,-JIM,-JIN,-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ,-LNA,-LNB

COMPARTMENT		MAXIMUM CAPACITY		Index influence	
NUMBER	DESCRIPTION	GROSS WEIGHT (kg)	VOLUME* (m ³)	+/-	per 1 kg
1	FWD CARGO HOLD	1+2 MAX.CUM.		-	0.00609
2	FWD CARGO HOLD	18869		-	0.00379
3	AFT CARGO HOLD	3+4 MAX.CUM.		+	0.00243
4	AFT CARGO HOLD	15241		+	0.00444
5	REAR / BULK CargoHold	3468	19.68	+	0.00630

Remarks:

* : Volume information is given only for Bulk compartments .

9.1 Combined Load Limitations : N/A

TC-JNA,-JNB,-JNC,-JND,-JNE

COMPARTMENT 1 + COMPARTMENT 2 MAX CUMULATIVE = 18869 KG
 COMPARTMENT 3 + COMPARTMENT 4 MAX CUMULATIVE = 15241 KG

For TC-JNF,-JNG,-JNV,-JIL,-JIM,-JIN,-JIO,-JIP,-JIR,-JIS,-JIT,-LOH,-LOI,-JIZ,-LNA

COMPARTMENT 1 + COMPARTMENT 2 MAX CUMULATIVE = 18869 KG
 COMPARTMENT 3 + COMPARTMENT 4 MAX CUMULATIVE = 15241 KG

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 13
Cabin Configuration(s)	A/ C TYPE A330-200	Carrier TK
ALL		

10. DETAILS FOR BAY / SECTION TRIM

BAY / SECTION	DESCRIPTION	GROSS WEIGHT(kg)	VOLUME (M ³)	Index influence	
				+/-	per 1 kg
11 L or R	AVE , AKE	1587		-	0.007090
12L or R	AVE , AKE	1587		-	0.006380
13L or R	AVE , AKE	1587		-	0.005750
14L or R	AVE , AKE	1587		-	0.005120
11	PLA , P9A	3174		-	0.007090
12	PLA , P9A	3174		-	0.006380
13	PLA , P9A	3174		-	0.005750
14	PLA , P9A	3174		-	0.005120
12P	PAG	4626		-	0.006264
13P	PAG	4626		-	0.005278
12P	PMC	5103		-	0.006264
13P	PMC	5103		-	0.005278
21 L or R	AVE , AKE	1587		-	0.004410
22 L or R	AVE , AKE	1587		-	0.003780
23 L or R	AVE , AKE	1587		-	0.003150
21	PLA , P9A	3174		-	0.004410
22	PLA , P9A	3174		-	0.003780
23	PLA , P9A	3174		-	0.003150
21P	PAG	4626		-	0.004290
22P	PAG	4626		-	0.003310
21P	PMC	5103		-	0.004290
22P	PMC	5103		-	0.003310

REMARKS: -PAG and PMC pallet index influences are equalized by averaging original influences.
This allowed to minimize the number of Hold versions.

COMPARTMENT # 1 ;possible HOLD versions

Compt1 Version 1	Compt1 Version 2	Compt 1 Version 3	Compt 1 Version 4	Compt 1 Version 5
11 or 11L,11R	11 or 11L,11R	11 or 11L,11R	11 or 11L,11R	
12 or 12L,12R	12P	12P	12 or 12L,12R	12P
13 or 13L,13R	13P		13P	13P
14 or 14L,14R		14 or 14L,14R		

COMPARTMENT # 2 ;possible HOLD versions

Compt1 Version 1	Compt1 Version 2	Compt 1 Version 3	Compt 1 Version 4
21 or 21L,21R	21P	21 or 21L,21R	21P
22 or 22L,22R	22P	22P	
23 or 23L,23R			23 or 23L,23R

All versions of compartment # 2 can be used together with all versions of compt # 1

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 13
Cabin Configuration(s)	A / C TYPE A330-200	Carrier TK
ALL		

10. DETAILS FOR BAY / SECTION TRIM

BAY / SECTION	DESCRIPTION	GROSS WEIGHT(kg)	VOLUME (M ³)	Index influence	
				+/-	per 1 kg
COMPARTMENT 3 only for TC-JNA,-JNB,-JNC,-JND,-JNE					
33L or R	AVE , AKE	1587		+	0.003050
33	PLA , P9A	3174		+	0.003050
32P	PAG	4626		+	0.002950
COMPARTMENT 3 only for TC-JNF,-JNG,-JNV,-JIL,-JIM,-JIN,-JIO,-JIP,-JIR,-JIS,-IT,-LOH,-LOI,-IZ					
31L or R	AVE	1587		+	0.001780
32L or R	AVE	1587		+	0.002410
33L or R	AVE	1587		+	0.003050
31	PLA , P9A	3174		+	0.001780
32	PLA , P9A	3174		+	0.002410
33	PLA , P9A	3174		+	0.003050
31P	PAG	4626		+	0.001940
32P	PAG	4626		+	0.002930
31P	PMC	5103		+	0.001940
32P	PMC	5103		+	0.002930
41L or R	AVE , AKE	1587		+	0.003840
42L or R	AVE , AKE	1587		+	0.004470
43L or R	AVE , AKE	1587		+	0.005100
41	PLA , P9A	3174		+	0.003840
42	PLA , P9A	3174		+	0.004470
43	PLA , P9A	3174		+	0.005100
41P	PAG	4626		+	0.003960
42P	PAG	4626		+	0.004900
41P	PMC	5103		+	0.003960
42P	PMC	5103		+	0.004900
51		339	1.87	+	0.005710
52		1413	7.87	+	0.005920
53		1716	9.94	+	0.006740

REMARKS:

-ONLY FOR TC-JNA,-JNB,-JNC,-JND,-JNE:

Positions 31R, 31L, 31, 31P, 32L, 32R, 32, 32P (only 32P PMC 96x125 in) are occupied by Lower Deck Mobile Crew rest (LDMCR) container in every flight. So these positions are not available for loading and they are not given in above table...

-PAG and PMC pallet index influences are equalized by averaging original influences.

This allowed to minimize the number of Hold versions.

COMPARTMENT # 3 ;possible HOLD versions:

TC-JNA,-JNB,-JNC,-JND,-JNE		TC-JNF,-JNG,-JNV,-JIL,-JIM,-JIN,-JIO,-JIP,-JIR,-JIS,-IT,-LOH,-LOI,-IZ,-LNA,-LNB	
Compt 3 Version 1	Compt 3Version 2	Compt 3 Version 1	Compt 3Version 2
33 or 33L,33R	32P (ONLY PAG)	31 32 33 31L/R,32L/R,33L/R	31P 32P

COMPARTMENT # 4 ;possible HOLD versions

Compt1 Version 1	Compt1 Version 2	Compt 1 Version 3	Compt 1 Version 4
41 or 41L,41R	41P	41 or 41L,41R	41P
42 or 42L,42R	42P	42P	
43 or 43L,43R			43 or 43L,43R

10. UNSYMMETRICAL LOAD LIMITATIONS

N/A

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 14
	A / C TYPE A330-200	Carrier TK

11. BALLAST

FIXED PROVISIONS FOR CARRYING BALLAST?

REMARKS: BALLAST IS NOT REQUIRED

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	D Sheet 1
	A / C TYPE A330-200	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 loadplanning 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	INDEX VALUE
110000	115.00
116000	116.00
170000	125.00

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	D Sheet 2
	A / C TYPE A330-200	Carrier TK

2. UNIT LOAD DEVICES DETAILS

Type Code	Tare weight	Maximum Capacity		Remarks
		Gross Weight	VOLUME (M³)	
AVE	90	1587	4.41	60.4x61.5in.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	10.0	88x125 inch size pallet (A2)
PMC	120	5103	10.9	96x125 inch size pallet (O2)

NOTES :- GROSS WEIGHT includes tare weight of pallets, containers , nets and igloo

- GROSS WEIGHT is valid for only the aircraft type A330-203 .

2.1 UNIT LOAD DEVICES NOTES

In ULD compartments (compartments other than bulk Compartment) cargo and bags should be loaded onlyin ULD.Do not load anything at the empty spaces around ULDs and between ULDs.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	D Sheet 3
	A / C TYPE A330-200	Carrier TK

3. SPECIAL LOAD

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