

**IATA AHM560 DATA  
LIST OF EFFECTIVE PAGES  
REV 121**

*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
11.00	18May18	121	Updated	-	List Of Effective Pages / Revision Highlights
11.01	16Aug07	25	-	C2,C3	Basic Index and MAC formula/ Stabilizer Trim Settings/A/C Registration., Wt Index Details
11.02	18May18	121	Updated	-	A/C Basic & Dry Operating Weight & Index Table
11.02-1	16Jun14	75	-	-	A/C Basic & Dry Operating Weight & Index Table
11.02A	21Nov17	115	-	-	Pantry Codes
11.03	25July17	112	-	C4	Aircraft Weight Limitations. LMC Information.
11.04	07July17	110	-	C5	Take-off CG Limits for Loadsheet Purpose
11.04A	07July17	110	-	C5	Zero Fuel CG Limits for Loadsheet Purpose
11.05	21Jul11	43	-	C6	Effect of Fuel / APU Taxi Fuel Weight
11.06	12Oct17	114	-	C6,C7	Crew seats locations & distribution
11.07	30Mar17	106	-	C8	Galley & Pantry
11.08A	09July15	89	-	C9	Pass. Cabin (TC-JPA,...,-JPY,-JAI,-JBI,-JUJ)
11.08B	30Mar17	106	-	C9	Pass. Cabin (TC-JUE,-JUF,-JUG,-JUI,-JUK)
11.09	18Jun15	87	-	C9	Class / Cabin Sections
11.09A	30Mar17	106	-	C9	Class / Cabin Sections
11.10	06May10	38	-	C10	Seating Layout Code Letters
11.11	21Nov17	115	-	C11	Seat Plan Layout (TC-JPA,BCDEFGHIJKLMNOPRST)
11.11B	21Nov17	115	-	C11	Seat Plan Layout (TC-JUG)
11.11E	14Jul14	77	-	C11	Seat Plan Layout (TC-JUJ)
11.11F	30Mar17	106	-	C11	Seat Plan Layout (TC-JUE,F,I,K)
11.11H	16Jun16	99	-	C11	Seat Plan Layout (TC-JPA,BCDEFGHIJKLMNOPRST)
11.11I	29Dec14	85	-	C11	Seat Plan Layout (TC-JPU,-JPV,-JPY)
11.11J	29Dec14	85	-	C11	Seat Plan Layout (TC-JAI,JBI)
11.12	20May15	87	-	C12	Details For Compartment Trim
11.13	20May15	87	-	C13	Details For Bay/Section Trim
11.14	14Jul14	77	-	C14,D1, D2,D3	Ballast, Ideal Trim Line, ULD / Special Load
11.16	03Dec12	-	-	-	Load&Trim Sheet (TC-JAI,-JBI,-JUJ)
11.16A	14Jul14	-	-	-	Load&Trim Sheet (TC-JLJ,-JLK,-JLL)
11.16B	18Jun14	-	-	-	Load&Trim Sheet (TC-JPA,...,-JPT)
11.16C	31Dec14	85	-	-	Load&Trim Sheet (TC-JPU,-JPV,-JPY)
11.16E	26Mar14	-	-	-	Load&Trim Sheet (TC-JUE,-JUF,-JUG,-JUI,-JUK)

## REVISION HIGHLIGHTS

REV NO	REVISION DESCRIPTION
121	TC-JUF BW/BI is changed due to modification.
120	TC-JPK BW/BI is changed due to weighing.
119	TC-JPI BW/BI is changed due to weighing.
118	TC-JPB,-JPC,-JPF BW/BI is changed due to weighing.
117	TC-JUK BW/BI is changed due to modification, TC-JPT BW/BI is changed due to modification
116	TC-JUE BW/BI is changed due to modification.
115	AJET Pantry Definations changed. JPU, JPV,JPY has left the fleet. JPJ seatplan has changed.
114	New crew location added
113	TC-JPL BW/BI is changed due to weighing.
112	TC-JUJ BW/BI and A320-200 LMC limits changed
111	TC-JPF BW/BI is changed due to weighing.
110	TC-JUG CG Limits changed.
109	TC-JUI, -JUF BW/BI changed due to weighing.
108	TC-JPD BW/BI changed due to weighing.
107	TC-JUK BW/BI changed due to modification
106	TC-JUG BW/BI changed due to modification.
105	TC-JPH BW/BI changed due to weighing.
104	TC-JPM BW/BI changed due to weighing.
103	TC-JPJ BW/BI changed due to weighing.
102	TC-JPI BW/BI changed due to weighing.
101	TC-JPN , -JPS BW/BI changed due to weighing.
100	TC-JUE BW/BI changed due to weighing.
99	TC-JPL seatplan modified by addition of seat row 13
98	TC-JPH seatplan modified by addition of seat row 13
97	TC-JAI,-JBI BW/BI changed due to weighing.
96	TC-JPH seatplan modified by reduction of seat row 13
95	TC-JPH seatplan modified by addition of seat row 13
94	TC-JPP BW/BI changed due to weighing.,TC-JPE has late THY fleet.
93	TC-JPR BW/BI changed due to weighing.
92	TC-JPB BW/BI changed due to weighing.
91	TC-JPT BW/BI changed due to weighing.
90	TC-JPA BW/BI changed due to weighing.
89	TC-JPV Cabin Config has changed to 12C/138Y
88	12C/135Y Seating Configuration Added.
87	9th Seat row of JPV has removed. BW/BI has changed, seat config has changed.
87	JLJ,JLK,JLL left TK Fleet. <i>(Plese delete from your database)</i>
86	JPO BW/BI changed and TC-JPI seatplan modified by addition of seat row 13
85	TC-JPL BW/BI changed due to weighing
85	JPA,JPD,JPM,JPY,JBI seatplan modified by addition of seat row 13
84	TC-JPG,JPK BW/BI changed due to weighing
84	JPK,JAI seatplan modified by addition of seat row 13
83	TC-JPE,JPG,JPV seatplan modified by addition of seat row 13
82	TC-JPP seatplan modified by addition of seat row 13
81	TC-JPB,JPF,JPO seatplan modified by addition of seat row 13
80	TC-JPC seatplan modified by addition of seat row 13
79	TC-JUJ MTOW, MTAXI increased and CG limits are modified due to this weight increase
79	TC-JPT,JPU seatplan modified by addition of seat row 13
78	TC-JPR seatplan modified by addition of seat row 13
77	TC-JLJ seatplan modified by addition of seat row 13
76	TC-JPN seatplan modified by addition of seat row 13
75	TC-JPH BW/BI changed due to weighing
75	TC-JPS seatplan modified by addition of seat row 13
74	TC-JUK converted from 180Y to 162 seat dual class passenger configuration
74	TC-JUE,JUF,JUG,JUI BW/BI changed due to modification
73	TC-JUI converted from 180Y to 162 seat dual class passenger configuration
72	TC-JUG converted from 180Y to 162 seat dual class passenger configuration
71	TC-JUE,JUF converted from 180Y to 162 seat dual class passenger configuration
70	TC-JPC, JPD, JPE BW/BI changed due to weighing
69	TC-JUI transferred from AnadoluJet to THY fleet

REV NO	REVISION DESCRIPTION
68	TC-JUF transferred from AnadoluJet to THY fleet
67	TC-JUG transferred from AnadoluJet to THY fleet
66	TC-JUK transferred from AnadoluJet to THY fleet
65	TC-JUE transferred from AnadoluJet to THY fleet
64	TC-JUJ entered THY fleet
63	TC-JPU,JPV,JPY BW/BI changed due to weighing
62	TC-JAI Aircraft weight limitations are changed as follows; MTAXI: 77400 kg, MTOW: 77000 kg, MZFW:62500 kg, MLDW:66000 kg
61	TC-JLL BW/BI changed due to weighing
60	TC-JBI Aircraft weight limitations are changed as follows; MTAXI: 77400 kg, MTOW: 77000 kg, MZFW:62500 kg, MLDW:66000 kg
60	TC-JPM BW/BI changed due to weighing
59	TC-JPJ BW/BI changed due to weighing
58	TC-JPS,JPT BW/BI changed due to weighing
57	TC-JPR BW/BI changed due to weighing
56	TC-JPP BW/BI changed due to weighing
55	TC-JLJ,JLK BW/BI changed due to weighing
54	TC-JPN,JPO BW/BI changed due to weighing
53	TC-JAI BW/BI changed due to weighing
52	TC-JAI transferred from AnadoluJet to THY fleet. Cabin configuration is modified to 150Y.
51	TC-JBI BW/BI changed due to weighing
50	TC-JBI transferred from AnadoluJet to THY fleet. Cabin configuration is modified to 150Y.
49	"Influence of potable water on DOW/DOI table" index corrections updated.
48	All pantry codes are amended. New design of BW/BI page. Cockpit crew 4th seat added.
47	JPB : BW/BI changed due to weighing, seat plan layout (TC-JLJ,JLK) modification
46	JPM : BW/BI changed due to weighing
46	JPO : BW/BI changed due to modifications.
45	JPL BW/BI changed due to weighing
44	JPK BW/BI changed due to weighing
43	JLL & JPH & JPI & JPJ : BW/BI changed due to modifications.
43	New stations are added to Pantry Standard Weight / Index table...
42	TC-JLL: BW/BI amendment due to weighing
41	Pantry Std W/I table : Addition of new stations
40	Several BW/BI values are changed on page 11.02
40	OEB178-2 procedure is not applicable anymore. Fwd takeoff cg limits, fuel index(btw 12000-15000 kg) values are changed
40	Pantry codes are amended
40	Cabin Crew Seats locations table(Section 6.2) can be used for all registrations.Pls refer to page 11.06.
39	BW & BI values of TC-JPC,-PD,-PE are changed
38	TC-JPU,-JPV,-JPY entered THY fleet.
37	BW/BI table (page 11.02) is revised.
36	JLJ/JLK :Pls check page 11.10 for new configurations.
36	Duty free weight is removed from Pantry Standard W/I table.
35	New a/c (TC-JPS) entered THY fleet.
35	New a/c (TC-JPT) entered THY fleet.
35	New a/c (TC-JPR) entered THY fleet.
35	Pantry Weight / Index table is changed. Amended stations are in red.
35	TC-JLJ & TC-JLK: BW/ BI amended.
34	New a/c (TC-JPP) entered THY fleet.
33	New a/c (TC-JPO) entered THY fleet.
33	New a/c (TC-JPN) entered THY fleet.

REV NO	REVISION DESCRIPTION
32	Added / amended stations are in red in pantry (catering) standard weight/Index table codes table. Remarks are updated also.
31	The pantry concept has been changed completely because of added new concepts . Pantry weights can be found on page 11.02A.Pls update your system accordingly.
30	TC-JLJ,-JLK modified to new dual class 162 seat cabinconfig (162 Y & 12C/144Y).
30	A new cabinconfig.(12C/149Y) is added to TC-JLL. Weight & Balance data is not changed.
30	Weight & Index of spare wheels & tires are amended.
29	Pages 11.04, 11.04B , 11.05 , 11.05A, 11.15, 11.15A are revised due to the stated changes in "AD EASA 2007-0218", AIRBUS "OEB 178-2" & "FOT 999.0047/06" Operation of Center tank fuel pumps, Fuel Refueling, Fuel Distribution and Weight & Balance Loadtrim sheet procedures . Current manual loadtrimsheet can be used until new manual loadtrimsheet compliant with Airbus "OEB 178-2" is published and distributed.
29	New a/c TC-JPM recently joined THY fleet.
29	You may remove TC-JLG, TC-JLH, TC-JLI from your database as they are re-delivered.
28	New a/c TC-JPL recently joined THY fleet.
27	New a/c TC-JPK recently joined THY fleet.
27	Fuel weight values below 3500 kg are added into fuel index table. Pls add necessary data into your system.
26	New a/c TC-JPJ recently joined THY fleet.
25	Cabin configurations are synchronized btw. Section 9 & 11.
25	MSN number of TC-JPH is corrected.
25	You may delete TC-JLD from your database as they are redelivered.(They are not in our fleet anymore.)
25	New a/c TC-JPI recently joined THY fleet.

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 2
Cabin Configuration(s) <b>ALL</b>	A / C TYPE <b>A320-200</b>	Carrier <b>TK</b>

**2. BASIC INDEX AND MAC FORMULA**

**2.1. Examples and definitions**

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

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

- 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 = **18.85** meters from zero
- K (Constant) = **50**
- C (Constant) = **1000**

**2.3. MAC Information**

- Length of MAC = **4.1935** meters
- LEMAC at = **17.8015** meters/ from zero

**2.4. Stabilizer Trim Setting**

MAC Range	STAB Range	
10.5	2.5	Nose up
17	2.5	Nose up
40	-2.5	Nose down
43	-2.5	Nose down

Linear variation between 17% MAC and 40% MAC

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 3
Cabin Configuration(s) <b>ALL</b>	A / C TYPE <b>A320-200</b>	Carrier <b>TK</b>

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

**DRY OPERATING WEIGHT**

**X**

**BASIC WEIGHT**

**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?			
				Weight	Index	Basic Weight/Index (Full potable water tank) + Cockpit Crew Total Weight/Index + Cabin Crew Total Weight/Index + Pantry Weight/Index = Dry Operating Weight/Index <i>(If actual is different, then make necessary adjustments)</i>			
A320-232	2609	TC-JPA	159	43650	52.8				
A320-232	2626	TC-JPB	159	42221	52.1				
A320-232	2928	TC-JPC	159	43572	52.2				
A320-232	2934	TC-JPD	159	43650	52,1				
A320-232	2984	TC-JPF	159	43565	52.1				
A320-232	3010	TC-JPG	159	43635	53.1				
A320-232	3185	TC-JPH	159	43452	52.8				
A320-232	3208	TC-JPI	159	43584	50.9				
A320-232	3239	TC-JPJ	159	43518	53,1				
A320-232	3257	TC-JPK	159	43697	51.6				
A320-232	3303	TC-JPL	159	43505	51.7				
A320-232	3341	TC-JPM	159	43420	52.6				
A320-232	3558	TC-JPN	159	43582	54.9				
A320-232	3567	TC-JPO	159	43436	53.6				
A320-232	3603	TC-JPP	159	43650	53.0				
A320-232	3654	TC-JPR	159	43362	52.6				
A320-232	3718	TC-JPS	159	43430	52.5				
A320-232	3719	TC-JPT	159	43375	52.3				
						<b>A/C Reg</b>	<b>A/C Limitations</b>		
						<b>JUE,JUF,JUG,JUI, JUK (WV010)</b>	MTAXI	77400 KG	
							MTOW	77000 KG	
							MLDW	64500 KG	
							MZFW	61000 KG	
						<b>JPA,...-JPT (WV016)</b>	MTAXI	73900 KG	
							MTOW	73500 KG	
							MLDW	66000 KG	
							MZFW	62500 KG	
						<b>JUU (WV012)</b>	MTAXI	77400 KG	
							MTOW	77000 KG	
							MLDW	66000 KG	
							MZFW	62500 KG	
A320-232	2156	TC-JUE	162	43285	52.5				
<b>A320-232</b>	<b>2164</b>	<b>TC-JUF</b>	<b>162</b>	<b>43366</b>	<b>53.0</b>				
A320-232	2395	TC-JUG	162	43466	55.0				
A320-232	2401	TC-JUI	162	43117	52,1				
A320-232	2522	TC-JUU	150	43858	52.4				
A320-232	2602	TC-JUK	162	43149	52.9				
<b>COCKPIT CREW TOTAL EFFECT / Cockpit Crew No/Locations</b>									
<b>Cockpit Crew No/Locations</b>							<b>WEIGHT</b>	<b>INDEX</b>	
2 COCKPIT CREW (2 FrontSeat)							170	-2.3	
3 COCKPIT CREW (2 FrontSeat +1 AftSeat)							255	-3.5	
4 COCKPIT CREW (2 FrontSeat +2 AftSeat) only for JPU,V,Y,JAi,JBi,JUJ,-JUE,F,G,I,K							340	-4.6	
<b>CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations</b>									
<b>Cabin Crew No/Locations</b>							<b>WEIGHT</b>	<b>INDEX</b>	
3 CABIN CREW (1 Fwd+2 Aft)							225	1.1	
4 CABIN CREW (2 Fwd+2 Aft)							300	0.2	
5 CABIN CREW (2 Fwd+3 Aft)							375	1.2	
6 CABIN CREW (2 Fwd+4 Aft)							450	2.2	
<b>INFLUENCE OF POTABLE WATER ON DOW/DOI</b>									
BW/BI value in the above table already includes potable water with <b>FULL tank (200 kg / -0.7 Index)</b> .If potable water tanks are different; adjust DOW & DOI in proper ratios.									
<b>%75 POTABLE WATER</b>			<b>%50 POTABLE WATER</b>			<b>%25 POTABLE WATER</b>			
Subtract 50 KG / Add 0.2 Index			Subtract 100 KG / Add 0.4 Index			Subtract 150 KG / Add 0.5 Index			
*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 <b>NOT</b> include Toolkit Box. Check if they are carried in cargo compartment. It should be shown as " <b>Load in compartments</b> " (distribution) on loadsheet as "Equipment in compartment". Dry Operating Weight/Index does <b>NOT</b> include "Equipment in cargo".									
<b>TOOLKIT BOX = 35 KG</b>									
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 Long-haul flights and for flights that crew stays overnight at destination, additional CREW BAGGAGE, standard bag weight of 10 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)

**I- Valid for all A320-200 Aircrafts**

Pantry Code	Galley weight		TOTAL		Destination / Departure
	Fwd	Aft	WEIGHT	INDEX	
N	194	295	489	2.0	ALL INTERNATIONAL FLIGHTS
D	71	135	206	1.1	DOMESTIC FLIGHTS ONE WAY
G	130	248	378	2.1	DOMESTIC FLIGHTS RETURN PANTRY

**II- Valid for all Anadolu Jet Flights**

Pantry Code	Galley weight		TOTAL		Destination / Departure
	Fwd	Aft	WEIGHT	INDEX	
U	24	158	182	2.0	DOMESTIC FLIGHTS ONE WAY
V	50	303	353	3.8	DOMESTIC FLIGHTS RETURN PANTRY
W	64	240	304	2.7	ALL INTERNATIONAL FLIGHTS

## REMARKS:

- 1- All weights are in kg.

\* Refer to "DOW-DOI\_Table-A320-200" 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	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 4
Cabin Configuration(s)	A / C TYPE	Carrier
ALL	A320-200	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-JPA	2609	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPB	2626	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPC	2928	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPD	2934	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPF	2984	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPG	3010	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPH	3185	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPI	3208	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPJ	3239	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPK	3257	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPL	3303	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPM	3341	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPN	3558	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPO	3567	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPP	3603	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPR	3654	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPS	3718	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JPT	3719	73900 kg	N/A	73500 kg	62500 kg	66000 kg
TC-JUE	2156	77400 kg	N/A	77000 kg	61000 kg	64500 kg
TC-JUF	2164	77400 kg	N/A	77000 kg	61000 kg	64500 kg
TC-JUG	2395	77400 kg	N/A	77000 kg	61000 kg	64500 kg
TC-JUI	2401	77400 kg	N/A	77000 kg	61000 kg	64500 kg
TC-JUJ	2522	77400 kg	N/A	77000 kg	62500 kg	66000 kg
TC-JUK	2602	77400 kg	N/A	77000 kg	61000 kg	64500 kg

**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 .

**A320-200 : 500 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	<b>AIRCRAFT DATA</b>	<b>C Sheet 5</b>
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

4.2. CG - Limits for Loadsheet Purpose

4.2.1. TAKE-OFF CG - Limits for Loadsheet Purpose

Special condition if applicable		
TAKE-OFF FWD		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....,-JPT	37230	43.24
	53000	35.30
	63000	35.55
	72000	31.78
	73500	37.01
TC-JUJ	37230	43.18
	51943	35.78
	53000	35.33
	63000	36.42
	72000	33.40
	73500	38.76
	77000	67.25
TC-JUE,-JUF,JUG, -JUI,-JUK,	37230	43.01
	47878	37.65
	53000	35.50
	63000	36.59
	72000	33.57
	73500	38.92
	77000	67.41

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....,-JPT	37230	63.63
	47500	68.80
	61000	88.38
	69500	94.44
	70800	95.37
	73500	91.13
TC-JUJ	37230	62.40
	47500	67.56
	61000	87.15
	69500	93.21
	70800	94.13
	77000	84.01
TC-JUE,-JUF,JUG, -JUI,-JUK	37230	62.16
	47500	67.33
	61000	86.91
	69500	92.97
	70800	93.89
	77000	83.78

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 5
Cabin Configuration(s)	A / C TYPE	Carrier
ALL	A320-200	TK

**4.2.2. ZERO FUEL CG - Limits for Loadsheets Purpose**

Special condition if applicable		
ZERO FUEL FWD		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....-JPT	37230	44.89
	49478	38.72
	53403	38.82
	53908	38.75
	54414	38.55
	54919	38.52
	60118	38.65
	62500	37.65
TC-JUJ	37230	44.83
	48723	39.05
	53625	39.58
	55651	38.90
	60118	39.39
	62500	38.59
TC-JUE,-JUF,JUG, -JUI,-JUK,	37230	44.65
	46609	39.93
	48417	39.17
	53608	39.73
	55669	39.06
	60049	39.54
	60525	39.41
	61000	39.25

Special condition if applicable		
ZERO FUEL AFT		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....-JPT	37230	73.02
	62500	92.09
TC-JUJ	37230	71.78
	62500	90.85
TC-JUE,-JUF,JUG, -JUI,-JUK	37230	71.55
	61000	89.49

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 5
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

**4.2.2. Landing CG - Limits for Loadsheet Purpose**

Special condition if applicable		
Landing FWD		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....,-JPT	37230	43.24
	53000	35.30
	63000	35.55
	66000	34.29
TC-JUJ	37230	43.18
	51943	35.78
	53000	35.33
	63000	36.42
	66000	35.41
TC-JUE,-JUF,JUG, -JUI,-JUK,	37230	43.01
	47878	37.65
	53000	35.50
	63000	36.59
	64500	36.09

Special condition if applicable		
Landing AFT		
Specify applicability	Weight (kg)	Index Value
TC-JPA,....,-JPT	37230	63.63
	47500	68.80
	61000	88.38
	66000	91.94
TC-JUJ	37230	62.40
	47500	67.56
	61000	87.15
	66000	90.71
TC-JUE,-JUF,JUG, -JUI,-JUK	37230	62.16
	47500	67.33
	61000	86.91
	64500	89.41

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C Sheet 6</b>
Cabin Configuration(s)	A / C TYPE <b>A320-200</b>	Carrier <b>TK</b>
<b>ALL</b>		

**5. EFFECT OF FUEL**

Fuel Wt. (kg)	Fuel Density (Kg/Lt)							
	0.76	0.77	0.78	0.785	0.79	0.80	0.81	0.82
304	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
608	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
1337	3.32	3.31	3.30	3.29	3.29	3.28	3.27	3.26
1641	3.00	3.06	3.12	3.15	3.18	3.24	3.31	3.37
1945	2.65	2.71	2.78	2.81	2.84	2.91	2.97	3.03
2249	2.30	2.37	2.43	2.46	2.49	2.56	2.62	2.69
2553	1.96	2.02	2.09	2.12	2.15	2.21	2.28	2.34
2857	1.62	1.69	1.75	1.78	1.81	1.88	1.94	2.00
3161	1.30	1.36	1.42	1.45	1.48	1.55	1.61	1.67
3500	0.97	1.03	1.09	1.12	1.15	1.21	1.27	1.33
4000	0.46	0.52	0.58	0.61	0.64	0.70	0.75	0.81
4500	-0.01	0.04	0.10	0.12	0.15	0.21	0.26	0.32
5000	-0.47	-0.42	-0.37	-0.34	-0.31	-0.26	-0.20	-0.15
5500	-0.90	-0.86	-0.81	-0.78	-0.76	-0.70	-0.65	-0.60
6000	-1.31	-1.27	-1.22	-1.20	-1.18	-1.13	-1.08	-1.03
6500	-1.70	-1.66	-1.62	-1.59	-1.57	-1.53	-1.48	-1.44
7000	-2.06	-2.02	-1.98	-1.96	-1.94	-1.90	-1.86	-1.82
7500	-2.40	-2.37	-2.34	-2.32	-2.30	-2.26	-2.23	-2.19
8000	-2.72	-2.69	-2.66	-2.65	-2.63	-2.60	-2.57	-2.53
8500	-2.98	-2.97	-2.96	-2.95	-2.94	-2.91	-2.89	-2.86
9000	-3.13	-3.15	-3.16	-3.16	-3.17	-3.16	-3.15	-3.14
9500	-3.14	-3.20	-3.24	-3.26	-3.28	-3.30	-3.32	-3.34
10000	-3.02	-3.11	-3.18	-3.21	-3.25	-3.31	-3.36	-3.41
10500	-2.76	-2.88	-2.99	-3.05	-3.09	-3.19	-3.27	-3.34
11000	-2.36	-2.52	-2.67	-2.74	-2.81	-2.94	-3.05	-3.16
11500	-1.84	-2.03	-2.21	-2.30	-2.39	-2.55	-2.71	-2.85
12000	-1.56	-1.46	-1.67	-1.77	-1.87	-2.06	-2.24	-2.41
12500	-2.13	-1.96	-1.80	-1.72	-1.65	-1.50	-1.69	-1.89
13000	-2.79	-2.59	-2.40	-2.31	-2.22	-2.05	-1.89	-1.74
13500	-3.52	-3.30	-3.09	-2.98	-2.88	-2.68	-2.49	-2.31
14000	-4.29	-4.06	-3.83	-3.72	-3.61	-3.39	-3.18	-2.97
14500	-5.07	-4.84	-4.61	-4.50	-4.38	-4.15	-3.92	-3.70
15000	-5.85	-5.62	-5.39	-5.27	-5.16	-4.93	-4.70	-4.47
15500	-6.62	-6.39	-6.16	-6.05	-5.94	-5.71	-5.48	-5.25
16000	-7.40	-7.17	-6.94	-6.83	-6.71	-6.48	-6.25	-6.02
16500	-8.18	-7.95	-7.72	-7.60	-7.49	-7.26	-7.03	-6.80
17000	-8.95	-8.73	-8.50	-8.38	-8.27	-8.04	-7.81	-7.58
17500	-9.73	-9.50	-9.27	-9.16	-9.04	-8.81	-8.58	-8.36
18000	-10.57	-10.29	-10.05	-9.93	-9.82	-9.59	-9.36	-9.13
18500			-10.89	-10.74	-10.61	-10.37	-10.14	-9.91
19000						-11.22	-10.93	-10.68
								-11.54
FULL (index)	-10.79	-10.93	-11.07	-11.14	-11.21	-11.35	-11.50	-11.64
FULL (kg)	18134	18372	18611	18730	18849	19088	19327	19565

**REMARK:** FUEL TANKS' TOTAL VOLUMETRIC CAPACITY IS 23860 LT

**5.1 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 = **11.5 kg/minute**  
 APU Fuel Flow = **130 kg/hour**

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C Sheet 7</b>
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

**6. CREW**

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

Maximum number of cockpit seats	Location	Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
4 *	Captain	-	13.765	-	0.01377
	1st Officer	-	13.765	-	0.01377
	1st Observer	-	13.128	-	0.01313
	*2nd Observer	-	13.410	-	0.01341

Remarks: \* 2nd Observer ( 4th Seat) not installed in TC-JPA,....-JPT only applicable for,-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK

**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	
		+/-	meter(s)	+/-	per 1 kg
FWD	2	-	11.522	-	0.01152
AFT	4	+	12.970	+	0.01297

**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	AFT	
2/1	2	1	1	0	BULK CARGO COMPT. 5
2/2	2	2	1	1	
2/3	2	3	2	1	
2/4	2	4	2	2	
2/5	2	5	2	3	
2/6	2	6	2	4	

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C Sheet 8</b>
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

## 7. GALLEY AND PANTRY

### 7.1. Galleys

	Galley locations			Length of arm from reference station		Index influence	
	JUE,JUF JUI,JUK	JUG	JPA,...JPT, JUJ	+/-	meter(s)	+/-	per 1 kg
<b>FWD</b>	G1	G1		-	12.202	-	0.01220
			G1	-	12.167	-	0.01217
			G2A	-	10.493	-	0.01049
		G2		-	10.722	-	0.01702
			(G1+G2A)	-	11.186	-	0.01119
<b>AFT</b>			G5	+	14.279	+	0.01428
	G5			+	14.311	+	0.01431

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

### 7.2 Pantry Weight / Pantry Code

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

## 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.

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 9
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK

**8. PASSENGER CABIN**

**8.1 Passenger Seats**

**8.1.1 Passenger Seats ((TC-JPA,....,-JPT)**

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	

CABIN CONFIGURATION 159Y				
OA		42		42
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>		<b>159</b>		

CABIN CONFIGURATION 16C / 135Y				
OA	16	18		34
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>	<b>16</b>	<b>135</b>		

CABIN CONFIGURATION 24C / 123Y				
OA	24	6		30
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>	<b>24</b>	<b>123</b>		

CABIN CONFIGURATION 32C / 111Y				
OA	28			28
OB	4	36		40
OC		42		42
OD		33		33
<b>Total per class</b>	<b>32</b>	<b>111</b>		

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

CABIN CONFIGURATION 12C / 141Y				
OA	12	24		36
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>	<b>12</b>	<b>141</b>		

CABIN CONFIGURATION 20C / 129Y				
OA	20	12		32
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>	<b>20</b>	<b>129</b>		

CABIN CONFIGURATION 28C / 117Y				
OA	28			28
OB		42		42
OC		42		42
OD		33		33
<b>Total per class</b>	<b>28</b>	<b>117</b>		

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 9
Cabin Configuration(s) TC-JUE,-JUF,-JUI,-JUG,-JUK	A / C TYPE A320-200	Carrier TK

8.1.2 Passenger Seats (TC-JUE, -JUF,-JUG, -JUI, -JUK)

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	
<b>CABIN CONFIGURATION 162Y</b>				
OA		36		36
OB		42		42
OC		42		42
OD		42		42
Total per class		162		
<b>CABIN CONFIGURATION 20C / 132Y</b>				
OA	20	6		26
OB		42		42
OC		42		42
OD		42		42
Total per class	20	132		

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
<b>CABIN CONFIGURATION 12C / 144Y</b>				
OA	12	18		30
OB		42		42
OC		42		42
OD		42		42
Total per class	12	144		
<b>CABIN CONFIGURATION 32C / 114Y</b>				
OA	24			24
OB	8	30		38
OC		42		42
OD		42		42
Total per class	32	114		

8.1.3 Passenger Seats (TC-JUJ)

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	
<b>CABIN CONFIGURATION 150Y</b>				
OA		12		
OB		48		
OC		48		
OD		42		
Total per class		150		

Name of cabin section	NUMBER OF SEATS			Total per cabin section
	Class 1	Class 2	Class 3	
<b>CABIN CONFIGURATION 12C / 138Y</b>				
OA	12			12
OB		48		48
OC		48		48
OD		42		42
Total per class	12	138		



EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 9
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
All		

**8.2 Class/Cabin Sections**

**TC-JPA, ... ,JPT**

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	6.857	-	0.00686
OB	-	0.914	-	0.00091
OC	+	4.522	+	0.00452
OD	+	9.313	+	0.00931

**TC-JUJ**

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	8.080	-	0.00808
OB	-	2.794	-	0.00279
OC	+	3.391	+	0.00339
OD	+	9.095	+	0.00909

**TC-JUE,-JUF,-JUI,-JUK**

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	7.554	-	0.00755
OB	-	1.727	-	0.00173
OC	+	3.825	+	0.00382
OD	+	9.148	+	0.00915

**TC-JUG**

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	7.25	-	0.00725
OB	-	1.715	-	0.00171
OC	+	3.775	+	0.00378
OD	+	9.109	+	0.00911

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 10
Cabin Configuration(s)	A / C TYPE	Carrier
ALL	A320-200	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	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-JPA,.....,-JPT	A / C TYPE A320-200	Carrier TK

8.3.9 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 159Y						CABIN CONFIGURATION 12C / 141Y						
				A	B	C	D	E	F	A	B	C	D	E	F	
A	1	-0.00944	1	NIB	N	N	N	N	NIB	1	NIB	V	N	N	V	NIB
	2	-0.00858	2-9	NI	N	NM	NM	N	NI	2-3	NI	V	NM	NM	V	NI
	3	-0.00772	10-11	NE	NE	NE	NE	NE	NE	4-9	NI	N	NM	NM	N	NI
	4	-0.00686	12	NI	N	NM	NM	N	NI	10-11	NE	NE	NE	NE	NE	NE
	5	-0.00599	13-23	NI	N	NM	NM	N	NI	12	NI	N	NM	NM	N	NI
	6	-0.00513	24	NIP	NP	NMP	NMP	NP	NIP	13-23	NI	N	NM	NM	N	NI
	7	-0.00427	25-26	NIP	NP	NMP	NMP	NP	NIP	24	NIP	NP	NMP	NMP	NP	NIP
B	8	-0.00340	27	Y	Y	Y	NMP	NP	NIP	25-26	NIP	NP	NMP	NMP	NP	NIP
	9	-0.00264								27	Y	Y	Y	NMP	NP	NIP
	10	-0.00168	<b>CABIN CONFIGURATION 16C / 135Y</b>						<b>CABIN CONFIGURATION 20C / 129Y</b>							
B	11	-0.00081	1	NIB	V	N	N	V	NIB	1	NIB	V	N	N	V	NIB
	12	-0.00005	2-4	NI	V	NM	NM	V	NI	2-5	NI	V	NM	NM	V	NI
	13	+0.00071	5-9	NI	N	NM	NM	N	NI	6-9	NI	N	NM	NM	N	NI
	14	+0.00147	10-11	NE	NE	NE	NE	NE	NE	10-11	NE	NE	NE	NE	NE	NE
C	15	+0.00224	12	NI	N	NM	NM	N	NI	12	NI	N	NM	NM	N	NI
	16	+0.00300	13-23	NI	N	NM	NM	N	NI	13-23	NI	N	NM	NM	N	NI
	17	+0.00376	24	NIP	NP	NMP	NMP	NP	NIP	24	NIP	NP	NMP	NMP	NP	NIP
	18	+0.00452	25-26	NIP	NP	NMP	NMP	NP	NIP	25-26	NIP	NP	NMP	NMP	NP	NIP
	19	+0.00528	27	Y	Y	Y	NMP	NP	NIP	27	Y	Y	Y	NMP	NP	NIP
	20	+0.00605	<b>CABIN CONFIGURATION 24C / 123Y</b>						<b>CABIN CONFIGURATION 28C / 117Y</b>							
D	21	+0.00681	1	NIB	V	N	N	V	NIB	1	NIB	V	N	N	V	NIB
	22	+0.00757	2-6	NI	V	NM	NM	V	NI	2-7	NI	V	NM	NM	V	NI
	23	+0.00833	7-9	NI	N	NM	NM	N	NI	8-9	NI	N	NM	NM	N	NI
	24	+0.00909	10-11	NE	NE	NE	NE	NE	NE	10-11	NE	NE	NE	NE	NE	NE
	25	+0.00987	12	NI	N	NM	NM	N	NI	12	NI	N	NM	NM	N	NI
	26	+0.01063	13-23	NI	N	NM	NM	N	NI	13-23	NI	N	NM	NM	N	NI
	27	+0.01146	24	NIP	NP	NMP	NMP	NP	NIP	24	NIP	NP	NMP	NMP	NP	NIP
		25-26	NIP	NP	NMP	NMP	NP	NIP	25-26	NIP	NP	NMP	NMP	NP	NIP	
		27	Y	Y	Y	NMP	NP	NIP	27	Y	Y	Y	NMP	NP	NIP	
		<b>CABIN CONFIGURATION 32C / 111Y</b>														
		1	NIB	V	N	N	V	NIB								
		2-8	NI	V	NM	NM	V	NI								
		9	NI	N	NM	NM	N	NI								
		10-11	NE	NE	NE	NE	NE	NE								
		12	NI	N	NM	NM	N	NI								
		13-23	NI	N	NM	NM	N	NI								
		24	NIP	NP	NMP	NMP	NP	NIP								
		25-26	NIP	NP	NMP	NMP	NP	NIP								
		27	Y	Y	Y	NMP	NP	NIP								

MOVEABLE CERTAIN CLASS DIVIDER is shown as : .....

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-JUG	A / C TYPE A320-200	Carrier TK

8.3.3 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 162Y						
				A	B	C		D	E	F
A	1	-0.00942	1-6	NI	NB	N		N	NB	NI
	2	-0.00854	7-13	NI	N	N		N	N	NI
	3	-0.00768	14-20	EN	EN	EN		EN	EN	EN
	4	-0.00682	21-27	NI	N	N		N	N	NI
	5	-0.00595								
	6	-0.00509								
B	7	-0.00425								
	8	-0.00341								
	9	-0.00257								
	10	-0.00166								
	11	-0.00080								
	12	-0.00003								
	13	+0.00073								
C	14	+0.00149								
	15	+0.00225								
	16	+0.00301								
	17	+0.00378								
	18	+0.00454								
	19	+0.00530								
	20	+0.00606								
D	21	+0.00682								
	22	+0.00759								
	23	+0.00835								
	24	+0.00911								
	25	+0.00987								
	26	+0.01063								
	27	+0.01140								

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

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	C Sheet 11
Cabin Configuration(s)	A / C TYPE	Carrier
TC-JUJ	A320-200	TK

8.3.6 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 150Y						Rows from-to:	CABIN CONFIGURATION 12C/138Y							
				A	B	C		D	E		F	A	B	C		D	E	F
A	1	-0.00922	1	NI	V	N		N	V	NBI	1	NI	V	N		N	V	NBI
	2	-0.00808	2-3	NI	V	N		N	V	NI	2-3	NI	V	N		N	V	NI
	3	-0.00694	4	NI	N	N		N	N	NI	4	NI	N	N		N	N	NI
B	4	-0.00545	5-8	NI	N	N		N	N	NI	5-8	NI	N	N		N	N	NI
	5	-0.00471	9-10	NE	NE	NE		NE	NE	NE	9-10	NE	NE	NE		NE	NE	NE
	6	-0.00398	11-26	NI	N	N		N	N	NI	11-26	NI	N	N		N	N	NI
	7	-0.00324																
	8	-0.00250																
	9	-0.00164																
	10	-0.00080																
	11	-0.00004																
	12	+0.00072																
	13	+0.00149																
	C	14	+0.00225															
15		+0.00301																
16		+0.00377																
17		+0.00453																
18		+0.00530																
19		+0.00606																
D	20	+0.00682																
	21	+0.00758																
	22	+0.00834																
	23	+0.00911																
	24	+0.00987																
	25	+0.01060																
	26	+0.01134																

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

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 11
Cabin Configuration(s) TC-JUE,F,I,K	A/ C TYPE A320-200	Carrier TK

8.3.7 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 162Y						Rows from-to	CABIN CONFIGURATION 12C/144Y							
				A	B	C		D	E		F	A	B	C		D	E	F
A	1	-0.00984	1	NI	NB	N		N	NB	NI	1	NBI	V	N		N	V	NBI
	2	-0.00893	2-9	NI	N	N		N	N	NI	2-3	NI	V	N		N	V	NI
	3	-0.00801	10-11	EN	EN	EN		EN	EN	EN	4-9	NI	N	N		N	N	NI
	4	-0.00710	12-27	NI	N	N		N	N	NI	10-11	EN	EN	EN		EN	EN	EN
	5	-0.00618									12-27	NI	N	N		N	N	NI
	6	-0.00527			CABIN CONFIGURATION 20C/132Y							CABIN CONFIGURATION 32C/114Y						
B	7	-0.00435	1	NBI	V	N		N	V	NBI	1	NBI	V	N		N	V	NBI
	8	-0.00344	2-5	NI	V	N		N	V	NI	2-8	NI	V	N		N	V	NI
	9	-0.00265	6-9	NI	N	N		N	N	NI	9	NI	N	N		N	N	NI
	10	-0.00169	10-11	EN	EN	EN		EN	EN	EN	10-11	EN	EN	EN		EN	EN	EN
	11	-0.00075	12-27	NI	N	N		N	N	NI	12-27	NI	N	N		N	N	NI
	12	+0.00002																
C	13	+0.00078																
	14	+0.00154																
	15	+0.00230																
	16	+0.00306																
	17	+0.00382																
	18	+0.00459																
D	19	+0.00535																
	20	+0.00611																
	21	+0.00687																
	22	+0.00763																
	23	+0.00840																
	24	+0.00916																
	25	+0.00992																
	26	+0.01066																
	27	+0.01139																

MOVEABLE CERTAIN CLASS DIVIDER is shown as : .....

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 12
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

**9. DETAILS FOR COMPARTMENT TRIM**

Cargo Loading:

A/C Registration TC-JPA,...,-JPT	Full Bulk YES	CLS,ULD Loading YES
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NUMBER	COMPARTMENT DESCRIPTION	MAXIMUM CAPACITY		Index influence	
		Gross Weight (kg)	VOLUME* (M <sup>3</sup> )	+/-	per 1 kg
1	FWD compartment CLS , <b>ULD</b> loading TC-JPA,...,-JPT	3402		-	0.006578
1	FWD compt.bulk loading; TC-JPA,...,-JPT	3402	13.11	-	0.006567
1	FWD compt.bulk loading; TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	3402	13.28	-	0.006567
3	AFT compartment CLS , <b>ULD</b> loading TC-JPA,...,-JPT	2268		+	0.004020
3	AFT compt.bulk loading; TC-JPA,...,-JPT	2426	9.71	+	0.004035
3	AFT compt.bulk loading; TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	2426	9.76	+	0.004035
4	AFT compartment CLS , <b>ULD</b> loading TC-JPA,...,-JPT	2268		+	0.007165
4	AFT compt.bulk loading; TC-JPA,...,-JPT	2110	8.36	+	0.007312
4	AFT compt.bulk loading; TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	2110	8.5	+	0.007312
5	Rear Bulk Compartment TC-JPA,...,-JPT,-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1497	5.88	+	0.010530

REMARKS: ULD Loading is defined as "CARGO LOADING SYSTEM (CLS)"

**9.1 Combined Load Limitations: N/A**

EDP-SYSTEM SEMI-PERMANENT DATA	<b>AIRCRAFT DATA</b>	<b>C</b> Sheet 13
Cabin Configuration(s)	A / C TYPE A320-200	Carrier TK
ALL		

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

	BAY / SECTION	MAX. CAPACITY		Index influence	
		GROSS WEIGHT (kg)	VOLUME (M <sup>3</sup> )	+/-	per 1 kg
11	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		-	0.008150
11	Bulk loading; for TC-JPA,...,-JPT	1045	3.96	-	0.008106
11	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1045	4.09	-	0.008106
12	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		-	0.006578
12	Bulk loading; for TC-JPA,...,-JPT	1225	4.76	-	0.006417
12	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1225	4.77	-	0.006417
13	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		-	0.005006
13	Bulk loading; for TC-JPA,...,-JPT	1132	4.39	-	0.004879
13	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1132	4.42	-	0.004879
31	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		+	0.003234
31	Bulk loading; for TC-JPA,...,-JPT	1301	5.21	+	0.003235
31	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1301	5.23	+	0.003235
32	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		+	0.004806
32	Bulk loading; for TC-JPA,...,-JPT	1125	4.5	+	0.004912
32	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1125	4.53	+	0.004912
41	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		+	0.006379
41	Bulk loading; for TC-JPA,...,-JPT	928	3.63	+	0.006512
41	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	928	3.75	+	0.006512
42	ULD : LD3-46(AKG),LD3-46W(AKH),LD3-46R(AKJ),LD3-46P TC-JPA,...,-JPT	1134		+	0.007951
42	Bulk loading; for TC-JPA,...,-JPT	1182	4.73	+	0.008112
42	Bulk loading; for TC-JUJ,-JUE,-JUF,-JUG,-JUI,-JUK	1182	4.75	+	0.008112
51	Rear Bulk cargo hold section	374	1.46	+	0.009179
52	Rear Bulk cargo hold section	353	1.38	+	0.009979
53	Rear Bulk cargo hold section	770	3.04	+	0.011332



<b>EDP-SYSTEM SEMI-PERMANENT DATA</b>	<b>AIRCRAFT DATA</b>	<b>C Sheet 14</b>
	<b>A / C TYPE A320-200</b>	<b>Carrier TK</b>

**11. BALLAST**

FIXED PROVISIONS FOR CARRYING BALLAST?

REMARKS: BALLAST IS NOT REQUIRED

<b>EDP-SYSTEM SEMI-PERMANENT DATA</b>	<b>AIRCRAFT DATA</b>	<b>D Sheet 1</b>
<b>Cabin Configuration(s)</b>	<b>A / C TYPE</b>	<b>Carrier</b>
<b>ALL</b>	<b>A320-200</b>	<b>TK</b>

**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.

<b>WEIGHT</b>	<b>INDEX VALUE</b>
40000	57.00
61000	68.00
62500	68.00

**IMPORTANT NOTE :**

- The Ideal trim line given on the table is for Zero Fuel Weight condition.
- On the other hand , It is always better to load such that Take-off CG% will be at the aft of 27 %CG (or LITOW will be aft of 55 index unit.)
- The reason is certainly a better Take-off performance. If Take-off CG is not aft of %27 CG , there may be Take-off weight penalties.

<b>EDP-SYSTEM SEMI-PERMANENT DATA</b>	<b>AIRCRAFT DATA</b>	<b>D Sheet 2</b>
<b>Cabin Configuration(s)</b>	<b>A / C TYPE</b>	<b>Carrier</b>
<b>ALL</b>	<b>A320-200</b>	<b>TK</b>

**2. UNIT LOAD DEVICES DETAILS**

<b>Type Code</b>	<b>Tare weight</b>	<b>Maximum Capacity</b>		<b>Remarks</b>
		<b>Gross Weight</b>	<b>VOLUME (M<sup>3</sup>)</b>	
AKG	86	1134	3.11	60.4x61.5 in.half-size container LD3-46, LD3-45
AKH	86	1134	3.68	60.4x61.5 in. Full size container LD3-46W, LD3-45
AKJ	86	1134	2.55	60.4x61.5 in. Rectangular container LD3-46R, LD3-45
PKC	40	1134	2.55	60.4x61.5 in. size pallet LD3-46P, LD3-45

**2.1 UNIT LOAD DEVICES NOTES**

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

<b>EDP-SYSTEM SEMI-PERMANENT DATA</b>	<b>AIRCRAFT DATA</b>	<b>D Sheet 3</b>
	<b>A / C TYPE</b>	<b>Carrier</b>
	<b>A320-200</b>	<b>TK</b>

**3. SPECIAL LOAD**

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