

A319-132
IATA AHM560 DATA
LIST OF EFFECTIVE PAGES
REV 57

Pages/Sheets that are common to all A/C Types. Located in .PDF file "THY-AHM560_FOREWORD"

PAGE NO	ISSUE DATE	REV NO	ACTION FOR PAGES	SHEET NO	PAGE DESCRIPTION
01.00	-	-	-	-	Contents
02.00	06Apr11	-	-	-	General Info
02.01	06Apr11	-	-	A1,A2	Contact Address.
02.02	06Apr11	-	-	B1,B2	Passenger & baggage weights/ crew weights
02.03	06Apr11	-	-	-	DOW and DOI specifications / Special Information
02.04	06Apr11	-	-	-	Load&Trim Sheet Information
10.00	16Jan17	56	-	-	List Of Effective Pages / Revision Highlights
10.01	31Jul08	09	-	C2,C3	Basic Index and MAC formula/ Stabilizer Trim Settings/A/C Registration., Wt Index Details
10.02	16Jan17	56	-	-	A/C Basic & Dry Operating Weight & Index Table
10.02A	28July15	47	-	-	Pantry Codes
10.03	04Aug17	57	Updated	C4	Aircraft Weight Limitations
10.04	16Jul14	39	-	C5	Take-off CG Limits for Loadsheets Purpose
10.04A	28Apr14	36	-	C5	Zero Fuel CG Limits for Loadsheets Purpose
10.04B	16Jul14	39	-	C5	Zero Fuel CG Limits for Loadsheets Purpose
10.05	22Apr11	20	-	C6	Effect of Fuel / APU Taxi Fuel Weight
10.06	18Jun12	31	-	C6, C7	Crew seats loc. & distrib.
10.07	31Jul08	09	-	C8	Galley & Pantry
10.08	28Apr14	36	-	C9	Pass. Cabin
10.08A	24May12	30	-	C9	Pass. Cabin
10.08B	16Jul14	39	-	C9	Pass. Cabin
10.09	16Jul14	39	-	C9	Class / Cabin Sections
10.10	08Aug11	25	-	C10	Seating Layout Code Letters
10.11	18Mar16	50	-	C11	Seat Plan Layout – JLM,JLN,JLR
10.11A	26Mar15	45	Replaced	C11	Seat Plan Layout – JLO,JLP
10.11B	18Mar16	50	Deleted	C11	Seat Plan Layout –
10.11D	16Jul14	39	-	C11	Seat Plan Layout – JUA,JUB,JUD
10.11E	26Jan15	42	-	C11	Seat Plan Layout – JLS,JLT,JLU,JLV,JLY,JLZ
10.11F	18Mar16	50	Deleted	C11	Seat Plan Layout –
10.12	31Jul08	09	-	C12	Details For Compartment Trim
10.13	31Jul08	09	-	C13	Details For Bay/Section Trim
10.14	31Jul08	09	,-	C14,D1 , D2,D3	Ballast, Ideal Trim Line, ULD / Special Load
10.15	12Dec12	-	-	-	Load&Trim Sheet (JLM/N/O/P/R)
10.15B	14Dec12	-	-	-	Load&Trim Sheet (JLS/T/U/V/Y/Z)
10.15C	24May12	-	-	-	Load&Trim Sheet (JUA/B/D)

REV NO	REVISION DESCRIPTION
57	LMC Limits are changed.
56	TC-JUA left THY fleet.
56	TC-JLR BW/BI changed due to weighing.
55	TC-JLS BW/BI changed due to weighing
54	TC-JLT BW/BI changed due to weighing
53	TC-JLP BW/BI changed due to weighing.
52	TC-JUB BW/BI changed due to weighing
51	TC-JUD BW/BI changed due to weighing
50	TC-JLM seatplan modified by addition of seat row 13
49	TC-JUA BW/BI changed due to weighing.
48	TC-JLR BW/BI changed due to weighing.
47	TC-JLV,-JLY and -JLZ BW/BI changed due to weighing. Domestic Flight pantry weight is updated.
46	TC-JLU BW/BI changed due to weighing
45	TC-JLT BW/BI changed due to weighing
45	TC-JLN seatplan modified by addition of seat row 13
44	TC-JLO BW/BI changed due to weighing
43	TC-JLS BW/BI changed due to weighing
42	JLU seatplan modified by addition of seat row 13
41	JLO,JLP,JLY,JLZ seatplan modified by addition of seat row 13
40	TC-JLS,JLT seatplan modified by addition of seat row 13
39	TC-JUB cabin layout is converted from 132Y full E/C to 132 seat dual class passenger configuration
38	TC-JLV seatplan modified by addition of seat row 13
37	TC-JUD cabin layout converted from 132Y full E/C to 132 seat dual class passenger configuration
36	TC-JLR cabin layout converted from 138 to 132 seat dual class passenger configuration
36	TC-JLM,JLN BW/BI changed due to weighing.
35	TC-JUA cabin layout converted from 132Y full E/C to 132 seat dual class passenger configuration
34	TC-JLO BW/BI changed due to weighing.
33	TC-JLP BW/BI changed due to weighing.
33	LMC values are updated
32	TC-JUD BW/BI changed due to weighing.
31	TC-JUB, JUD joined THY fleet.
30	TC-JUA joined THY fleet.
30	TC-JLR C/Y configuration defined.
29	TC-JLS,-JLT,-JLU,-JLV,-JLY,-JLZ emergency exit row changed.
28	TC-JLR is modified to 138Y configuration.
27	TC-JLR joined THY fleet.
26	All pantry codes are amended. New design of BW/BI page. Cockpit index values updated.
25	BW/BI of JLT & JLU are changed due to modifications.
25	TC-JLZ new aircraft
24	TC-JLY new aircraft
23	BW/BI of JLT & JLU are changed due to modifications.
22	TC-JLV new aircraft
21	TC-JLU new aircraft
20	TC-JLT new aircraft
20	Configuration 8C/120Y is deleted from JLS.
20	New stations are added to Pantry Standard Weight / Index table...
19	TC-JLS entered THY fleet
19	New stations are added to Pantry Standard Weight / Index table...
18	Pantry codes are amended
18	Cabin Crew Seats locations table is amended.Pls refer to page 10.06
18	TC-JLR is subleased to Air Bosna.You may removed from your database.
17	TC-JLR new aircraft
17	"OEB 178-2" is not applicable anymore. Effected sections :FWD Take-off cg limits,fuel index (btw 12000-15000 kg)
16	Passenger cabins are changed.

REVISION HIGHLIGHTS

REV NO	REVISION DESCRIPTION
15	TC-JLM & JLN are weighed.
14	Seat Planlayout of JLO & JLP is changed.
14	BW/BI of JLN & JLO is changed.
12	BW/BI index of JLP is updated.
11	TC-JLP new aircraft
10	TC-JLO new aircraft
10	Pantry codes for AUH,BAH,DXB are amended from "M" to "N"
09	TC-JLM: pax cabin config changed to new 132 seat config
09	TC-JLN: pax cabin config changed to new 132 seat config
08	Added stations in pantry table
07	Pantry codes are updated
06	Effect of OEB 178-2 & FOT 999.0047/06
05	A/C basic and DOW/DOI table is re-designed

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 2
Cabin Configuration(s) ALL	A / C TYPE A319-132	Carrier TK

2. BASIC INDEX AND MAC FORMULA

2.1. Examples and definitions

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

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

- 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 = 17.25 meters from zero
- K (Constant) = 50
- C (Constant) = 1000

2.3. MAC Information

- Length of MAC = 4.1935 meters
- LEMAC at = 16.2016 meters/ from zero

2.4. Stabilizer Trim Setting

MACRange	STABRange	
14	3.5	Nose up
18	3.5	Nose up
41	-3	Nose down

Linear variation between 18% MAC and 41% MAC

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 3
Cabin Configuration(s) ALL	A / C TYPE A319-132	Carrier TK

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		
A319-132	2738	TC-JLM	132	41175	52.0	If actual is different , then make necessary adjustments		
A319-132	2739	TC-JLN	132	41125	52.3			
A319-132	2631	TC-JLO	132	40961	50.7			
A319-132	2655	TC-JLP	132	41008	51.1			
A319-132	3142	TC-JLR	132	41322	51.6			
A319-132	4629	TC-JLS	132	41502	51.1			
A319-132	4665	TC-JLT	132	41476	51.0			
A319-132	4695	TC-JLU	132	41420	51.8			
A319-132	4755	TC-JLV	132	41240	51.6			
A319-132	4774	TC-JLY	132	41433	51.5	A/C Reg JLM,JLN,JLO,JLP	A/C Limitations	
A319-132	4790	TC-JLZ	132	41441	51.4		MTAXI	70400 KG
A319-132	2414	TC-JUB	132	40928	51.9	JLR (WV001)	MLDW	61000 KG
A319-132	2452	TC-JUD	132	40838	53.6		MZFW	57000 KG
						JLS,JLT,JLU,JLV, JLY,JLZ (WV005)	MTAXI	70400 KG
							MTOW	70000 KG
							MLDW	62500 KG
							MZFW	58500 KG
						JUB,JUD (WV002)	MTAXI	75900 KG
							MTOW	75500 KG
							MLDW	62500 KG
							MZFW	58500 KG
COCKPIT CREW TOTAL EFFECT / Cockpit Crew No/Locations								
Cockpit Crew No/Locations							WEIGHT	INDEX
2 COCKPIT CREW (2 FrontSeat)							170	-2.0
3 COCKPIT CREW (2 FrontSeat +1 JumpSeat)							255	-3.0
4 COCKPIT CREW (2 FrontSeat +2 JumpSeat) only for TC-JLM,N,O,P,R,JUA,B,D							340	-4.0
CABIN CREW TOTAL EFFECT / Cabin Crew No/Locations								
Cabin Crew No/Locations							WEIGHT	INDEX
3 CABIN CREW (1 Fwd+2 Aft)							225	0.9
4 CABIN CREW (2 Fwd+2 Aft)							300	0.1
5 CABIN CREW (2 Fwd+3 Aft) except JUB,JUD							375	0.9
6 CABIN CREW (2 Fwd+4 Aft) only for TC-JLO,P,R,S,T,U,V,Y,Z							450	1.8
PANTRY (CATERING) STANDARD W/I TABLE IS ON PAGE 10.02A								
BW/BI value in the above table already includes potable water with FULL tank (200 kg / 2.2 Index) .If potable water tanks are different; adjust DOW &DOI in proper ratios.								
%75 POTABLE WATER			%50 POTABLE WATER			%25 POTABLE WATER		
Subtract 50 KG / Subtract 0.6 Index			Subtract 100 KG / Subtract 1.1 Index			Subtract 150 KG / Subtract 1.7 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 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 = 35 KG								
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 Loadsheet.								

* Refer to "DOW-DOI_Table-A319-132" file for several possible standard cockpit/cabin crew, pantry codes & potable water tanks fill ratio.

DOI calculation remark: During Index Calculations due to DCS system rounding (or truncating), approximately +/- 0.3 index difference is acceptable.

PANTRY STANDART WEIGHT/INDEX TABLE (CATERING)

Pantry Code	Galley weight		TOTAL		Destination / Departure
	Fwd	Aft	WEIGHT	INDEX	
N	229	285	514	1.0	ALL INTERNATIONAL FLIGHTS
D	68	123	191	0.8	DOMESTIC FLIGHTS ONE WAY
G	144	268	411	1.73	DOMESTIC FLIGHTS RETURN PANTRY

REMARKS:

- 1- All weights are in kg.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 4
Cabin Configuration(s) ALL	A / C TYPE A319-132	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-JLM	2738	70400 kg	N/A	70000 kg	57000 kg	61000 kg
TC-JLN	2739	70400 kg	N/A	70000 kg	57000 kg	61000 kg
TC-JLO	2631	70400 kg	N/A	70000 kg	57000 kg	61000 kg
TC-JLP	2655	70400 kg	N/A	70000 kg	57000 kg	61000 kg
TC-JLR	3142	70400 kg	N/A	70000 kg	57000 kg	61000 kg
TC-JLS	4629	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JLT	4665	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JLU	4695	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JLV	4755	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JLY	4774	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JLZ	4790	70400 kg	N/A	70000 kg	58500 kg	62500 kg
TC-JUB	2414	75900 kg	N/A	75500 kg	58500 kg	62500 kg
TC-JUD	2452	75900 kg	N/A	75500 kg	58500 kg	62500 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 .

A319-132 : 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	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s) ALL	A / C TYPE A319-132	Carrier TK

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-JLM,-JLN, TC-JLO,-JLP, TC-JLR	35400	39.39
	53000	29.80
	57344	35.46
	63000	43.31
	70000	42.14

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight(kg)	Index Value
TC-JLM,-JLN, TC-JLO,-JLP, TC-JLR	35400	54.74
	49600	74.95
	65300	84.17
	70000	82.52

Special condition if applicable		
TAKE-OFF FWD		
Specify applicability	Weight(kg)	Index Value
TC-JLS,-JLT,-JLU,-JLV, TC-JLY,-JLZ	35400	38.39
	43514	33.97
	53000	29.59
	63000	43.47
	70000	42.30

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight(kg)	Index Value
TC-JLS,-JLT,-JLU,-JLV, TC-JLY,-JLZ	35400	54.60
	49600	74.80
	65300	84.02
	70000	82.40

Special condition if applicable		
TAKE-OFF FWD		
Specify applicability	Weight(kg)	Index Value
TC-JUB,-JUD	35400	38.40
	43240	34.13
	53000	29.63
	63000	43.51
	74500	41.58
	75500	57.24

Special condition if applicable		
TAKE-OFF AFT		
Specify applicability	Weight(kg)	Index Value
TC-JUB,-JUD	35400	54.55
	49600	74.76
	65300	83.98
	75500	80.47

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 5
Cabin Configuration(s) TC-JUB,-JUD	A / C TYPE A319-132	Carrier TK

4.2. CG - Limits for Loadsheet Purpose

4.2.2.ZERO FUEL CG - Limits for Loadsheet Purpose

Special condition if applicable		
ZERO FUEL FWD		
Specify applicability	Weight(kg)	Index Value
TC-JUB,-JUD	35400	39.93
	41918	36.37
	50118	32.59
	51108	33.96
	51570	45.46
	52032	45.73
	52494	45.88
	52956	45.92
	53418	45.85
	53880	45.67
	54342	45.42
	55266	44.80
	55277	44.70
	58299	43.94
58500	44.22	

Special condition if applicable		
ZERO FUEL AFT		
Specify applicability	Weight(kg)	Index Value
TC-JUB,-JUD	35400	66.38
	58500	79.94

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 6
Cabin Configuration(s) ALL	A/ C TYPE A319-132	Carrier TK

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
632	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1422	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1738	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
2133	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
2370	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
3500	1.0	1.0	1.1	1.1	1.1	1.2	1.3	1.3
4000	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8
4500	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3
5000	-0.5	-0.4	-0.4	-0.3	-0.3	-0.3	-0.2	-0.2
5500	-0.9	-0.9	-0.8	-0.8	-0.8	-0.7	-0.7	-0.6
6000	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0
6500	-1.7	-1.7	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4
7000	-2.1	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.8
7500	-2.4	-2.4	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2
8000	-2.7	-2.7	-2.7	-2.7	-2.6	-2.6	-2.6	-2.5
8500	-3.0	-3.0	-3.0	-2.9	-2.9	-2.9	-2.9	-2.9
9000	-3.1	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.1
9500	-3.1	-3.2	-3.2	-3.3	-3.3	-3.3	-3.3	-3.3
10000	-3.0	-3.1	-3.2	-3.2	-3.2	-3.3	-3.4	-3.4
10500	-2.8	-2.9	-3.0	-3.0	-3.1	-3.2	-3.3	-3.3
11000	-2.4	-2.5	-2.7	-2.7	-2.8	-2.9	-3.1	-3.2
11500	-1.9	-2.0	-2.2	-2.3	-2.4	-2.6	-2.7	-2.9
12000	-1.6	-1.5	-1.7	-1.8	-1.9	-2.1	-2.2	-2.4
12500	-2.1	-2.0	-1.8	-1.7	-1.7	-1.5	-1.7	-1.9
13000	-2.8	-2.6	-2.4	-2.3	-2.2	-2.1	-1.9	-1.7
13500	-3.5	-3.3	-3.1	-3.0	-2.9	-2.7	-2.5	-2.3
14000	-4.3	-4.1	-3.8	-3.7	-3.6	-3.4	-3.2	-3.0
14500	-5.1	-4.8	-4.6	-4.5	-4.4	-4.2	-3.9	-3.7
15000	-5.9	-5.6	-5.4	-5.3	-5.2	-4.9	-4.7	-4.5
15500	-6.6	-6.4	-6.2	-6.1	-5.9	-5.7	-5.5	-5.3
16000	-7.4	-7.2	-6.9	-6.8	-6.7	-6.5	-6.3	-6.0
16500	-8.2	-8.0	-7.7	-7.6	-7.5	-7.3	-7.0	-6.8
17000	-9.0	-8.7	-8.5	-8.4	-8.3	-8.0	-7.8	-7.6
17500	-9.7	-9.5	-9.3	-9.2	-9.0	-8.8	-8.6	-8.4
18000	-10.6	-10.3	-10.1	-9.9	-9.8	-9.6	-9.4	-9.1
18500			-10.9	-10.8	-10.6	-10.4	-10.1	-9.9
19000						-11.2	-10.9	-10.7
19500								-11.5
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 = 10 kg/minute
 APU Fuel Flow = 130 kg/hour

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 7
Cabin Configuration(s) ALL	A / C TYPE A319-132	Carrier TK

6. CREW

6.1. Number of cockpit crew seats and average location

Maximum number of cockpit seats	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
4*	-	12.17	-	0.01217

*Max no of seats: 4 seats for only JLM/JLN/JLO/JLP/JLR/JUB/JUD

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	-	9.92	-	0.00992
AFT	4 (3*) (2**)	+	10.8	+	0.01080

* Max no of seats: 3 seats for only JLM/JLN

** Max no of seats: 2 seats for only JUB/JUD

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	
2/3	2	3	1	2	BULK CARGO COMPT. 5
2/4	2	4	2	2	
2/5	2	5	2	3	
2/6	2	6	2	4	

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 8
Cabin Configuration(s) ALL	A / C TYPE A319-132	Carrier TK

7. GALLEY AND PANTRY

7.1. Galleys

Galley locations		Length of arm from reference station		Index influence	
		+/-	meter(s)	+/-	per 1 kg
G1	FWD GALLEY	-	10.572	-	0.01057
G5	AFT GALLEY	+	12.145	+	0.01215

7.2 Pantry Weight / Pantry Code

Pantry Weight / Pantry Code table is given on page 10.02A

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	AIRCRAFT DATA	C Sheet 9
Cabin Configuration(s)	A/ C TYPE A319-132	Carrier TK
TC-JLM,-JLN,-JLO,-JLP,-JLR		

8. PASSENGER CABIN

8.1 Passenger Seats

8.1.1 Passenger Seats (TC-JLM, -JLN, -JLR)

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 132Y				
OA		42		42
OB		42		42
OC		48		48
Total per class		132		

CABIN CONFIGURATION 16C / 108Y				
OA	16	18		34
OB		42		42
OC		48		48
Total per class	16	108		

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

CABIN CONFIGURATION 8C / 120Y				
OA	8	30		38
OB		42		42
OC		48		48
Total per class	8	120		

CABIN CONFIGURATION 28C / 90Y				
OA	28			28
OB		42		42
OC		48		48
Total per class	28	90		

8.1.2 Passenger Seats (TC-JLO, -JLP)

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

CABIN CONFIGURATION 132Y				
OA		42		42
OB		42		42
OC		48		48
Total per class		132		

CABIN CONFIGURATION 12C / 114Y				
OA	12	24		36
OB		42		42
OC		48		48
Total per class	12	114		

CABIN CONFIGURATION 20C / 102Y				
OA	20	12		32
OB		42		42
OC		48		48
Total per class	20	102		

CABIN CONFIGURATION 28C / 90Y				
OA	28			28
OB		42		42
OC		48		48
Total per class	28	90		

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

CABIN CONFIGURATION 8C / 120Y				
OA	8	30		38
OB		42		42
OC		48		48
Total per class	8	120		

CABIN CONFIGURATION 16C / 108Y				
OA	16	18		34
OB		42		42
OC		48		48
Total per class	16	108		

CABIN CONFIGURATION 24C / 96Y				
OA	24	6		30
OB		42		42
OC		48		48
Total per class	24	96		

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 9
Cabin Configuration(s)	A / C TYPE A319-132	Carrier TK
TC-JLR,-JLS,-JLT,-JLU,-JLV,-JLY,-JLZ		

8. PASSENGER CABIN

8.1 Passenger Seats

8.1.3 Passenger Seats (TC-JLS,-JLT,-JLU,-JLV,-JLY,-JLZ)

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 132Y				
OA		42		42
OB		42		42
OC		48		48
Total per class		132		

CABIN CONFIGURATION 16C / 108Y				
OA	16	18		34
OB		42		42
OC		48		48
Total per class	16	108		

CABIN CONFIGURATION 24C / 96Y				
OA	24	6		30
OB		42		42
OC		48		48
Total per class	24	96		

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

CABIN CONFIGURATION 12C / 114Y				
OA	12	24		36
OB		42		42
OC		48		48
Total per class	12	114		

CABIN CONFIGURATION 20C / 102Y				
OA	20	12		32
OB		42		42
OC		48		48
Total per class	20	102		

CABIN CONFIGURATION 28C / 90Y				
OA	28			28
OB		42		42
OC		48		48
Total per class	28	90		

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 9
Cabin Configuration(s) TC-JUB,-JUD	A / C TYPE A319-132	Carrier TK

8. PASSENGER CABIN

8.1 Passenger Seats

8.1.4 Passenger Seats (TC-JUB,-JUD)

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 132Y				
OA		42		42
OB		42		42
OC		48		48
Total per class		132		

CABIN CONFIGURATION 16C / 108Y				
OA	16	18		34
OB		42		42
OC		48		48
Total per class	16	108		

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

CABIN CONFIGURATION 8C / 120Y				
OA	8	30		38
OB		42		42
OC		48		48
Total per class	8	120		

CABIN CONFIGURATION 28C / 90Y				
OA	28			28
OB		42		42
OC		48		48
Total per class	28	90		

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 9
Cabin Configuration(s)	A / C TYPE A319-132	Carrier TK
ALL		

8.2 Class/Cabin Sections

TC-JLM,-JLN,-JLO,-JLP,-JLR

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	5.44	-	0.00544
OB	+	0.8	+	0.00080
OC	+	6.55	+	0.00655

TC-JLS,-JLT,-JLU,-JLV,-JLY,-JLZ

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	5.257	-	0.00526
OB	+	0.716	+	0.00072
OC	+	6.554	+	0.00655

TC-JUB,-JUD

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	meter(s)	+/-	per 1 kg
OA	-	5.515	-	0.00552
OB	+	0.791	+	0.00079
OC	+	6.547	+	0.00655

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 10
	A/ C TYPE A319-132	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)	A / C TYPE	Carrier
TC-JLM,-JLN,-JLR	A319-132	TK

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 132Y						Rows from-to	CABIN CONFIGURATION 8C / 120Y							
				A	B	C		D	E		F	A	B	C		D	E	F
A	1	-0.00826	1	NI	NB	N		N	NBI	N	1	NBI	V	N		N	V	NBI
	2	-0.00732	2-8	N	NI	NM		NM	N	NI	2	NI	V	NM		NM	V	NI
	3	-0.00638	9	NE	NE	NE		NE	NE	NE	3-8	N	NI	NM		NM	N	NI
	4	-0.00544	10-22	N	NI	NM		NM	N	NI	9	NE	NE	NE		NE	NE	NE
	5	-0.00450									10-22	N	NI	NM		NM	N	NI
	6	-0.00356																
	7	-0.00262			CABIN CONFIGURATION 16C / 108Y							CABIN CONFIGURATION 28C / 90Y						
B	8	-0.00168	1	NBI	V	N		N	V	NBI	1	NBI	V	N		N	V	NBI
	9	-0.00069	2-4	NI	V	NM		NM	V	NI	2-7	NI	V	NM		NM	V	NI
	10	0.00007	5-8	N	NI	NM		NM	N	NI	8	N	NI	NM		NM	N	NI
	11	0.00083	9	NE	NE	NE		NE	NE	NE	9	NE	NE	NE		NE	NE	NE
	12	0.00160	10-22	N	NI	NM		NM	N	NI	10-22	N	NI	NM		NM	N	NI
	13	0.00236																
	14	0.00312																
C	15	0.00388																
	16	0.00464																
	17	0.00541																
	18	0.00617																
	19	0.00693																
	20	0.00769																
	21	0.00845																
	22	0.00919																

MOVEABLE CERTAIN CLASS DIVIDER is shown as : _____

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s) TC-JLO,-JLP	A / C TYPE A319-132	Carrier TK

8.3.2 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW NO	Index Influence per Seat-Row per1kg	Rows from-to:	CABIN CONFIGURATION 132Y						Rows from-to:	CABIN CONFIGURATION 8C / 120Y								
				A	B	C		D	E		F	A	B	C		D	E	F	
A	1	-0.00826	1	NI	NB	N		N	NBI	N	1	NBI	V	N		N	V	NBI	
	2	-0.00732	2-8	N	NI	NM		NM	N	NI	2	NI	V	NM		NM	V	NI	
	3	-0.00638	9	NE	NE	NE		NE	NE	NE	3-8	N	NI	NM		NM	N	NI	
	4	-0.00544	10-22	N	NI	NM		NM	N	NI	9	NE	NE	NE		NE	NE	NE	
	5	-0.00450									10-22	N	NI	NM		NM	N	NI	
	6	-0.00356																	
	7	-0.00262																	
				CABIN CONFIGURATION 12C / 114Y										CABIN CONFIGURATION 16C / 108Y					
B	8	-0.00168	1	NBI	V	N		N	V	NBI	1	NBI	V	N		N	V	NBI	
	9	-0.00069	2-3	NI	V	NM		NM	V	NI	2-4	NI	V	NM		NM	V	NI	
	10	0.00007	4-8	N	NI	NM		NM	N	NI	5-8	N	NI	NM		NM	N	NI	
	11	0.00083	9	NE	NE	NE		NE	NE	NE	9	NE	NE	NE		NE	NE	NE	
	12	0.00160	10-22	N	NI	NM		NM	N	NI	10-22	N	NI	NM		NM	N	NI	
	13	0.00236																	
				CABIN CONFIGURATION 20C / 102Y										CABIN CONFIGURATION 24C / 96					
C	14	0.00312	1	NBI	V	N		N	V	NBI	1	NBI	V	N		N	V	NBI	
	15	0.00388	2-5	NI	V	NM		NM	V	NI	2-6	NI	V	NM		NM	V	NI	
	16	0.00464	6-8	N	NI	NM		NM	N	NI	7-8	N	NI	NM		NM	N	NI	
	17	0.00541	9	NE	NE	NE		NE	NE	NE	9	NE	NE	NE		NE	NE	NE	
	18	0.00617	10-22	N	NI	NM		NM	N	NI	10-22	N	NI	NM		NM	N	NI	
	19	0.00693																	
	20	0.00769																	
	21	0.00845																	
	22	0.00919																	
				CABIN CONFIGURATION 28C / 90Y															
			1	NBI	V	N		N	V	NBI									
			2-7	NI	V	NM		NM	V	NI									
			8	N	NI	NM		NM	N	NI									
			9	NE	NE	NE		NE	NE	NE									
			10-22	N	NI	NM		NM	N	NI									

MOVEABLE CERTAIN CLASS DIVIDER is shown as :

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s) TC-JUB,-JUD	A / C TYPE A319-132	Carrier 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 132Y						Rows from-to	CABIN CONFIGURATION 8C / 120Y							
				A	B	C		D	E		F	A	B	C		D	E	F
A	1	-0.00833	1	NI	N	N		N	NI	N	1	NI	V	N		N	V	NI
	2	-0.00739	2-8	NI	N	NM		NM	N	NI	2	NI	V	NM		NM	V	NI
	3	-0.00646	9	NE	NE	NE		NE	NE	NE	3-8	N	NI	NM		NM	N	NI
	4	-0.00552	10-22	N	NI	NM		NM	N	NI	9	NE	NE	NE		NE	NE	NE
	5	-0.00458									10-22	N	NI	NM		NM	N	NI
	6	-0.00364																
	7	-0.00270		CABIN CONFIGURATION 16C / 108Y							CABIN CONFIGURATION 28C / 90Y							
B	8	-0.00176	1	NI	V	N		N	V	NI	1	NI	V	N		N	V	NI
	9	-0.00069	2-4	NI	V	NM		NM	V	NI	2-7	NI	V	NM		NM	V	NI
	10	+0.00007	5-8	N	NI	NM		NM	N	NI	8	N	NI	NM		NM	N	NI
	11	+0.00083	9	NE	NE	NE		NE	NE	NE	9	NE	NE	NE		NE	NE	NE
	12	+0.00160	10-22	N	NI	NM		NM	N	NI	10-22	N	NI	NM		NM	N	NI
	13	+0.00236																
	14	+0.00312																
C	15	+0.00388																
	16	+0.00464																
	17	+0.00541																
	18	+0.00617																
	19	+0.00693																
	20	+0.00769																
	21	+0.00845																
	22	+0.00919																

MOVEABLE CERTAIN CLASS DIVIDER is shown as : _____

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 11
Cabin Configuration(s) TC-JLS,-JLT,-JLU,-JLV,-JLY,-JLZ	A / C TYPE A319-132	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 132Y						Rows from-to:	CABIN CONFIGURATION 12C / 114Y							
				A	B	C	.	D	E		F	A	B	C	.	D	E	F
A	1	-0.00792	1	NI	NB	N	.	N	NB	NI	1	NBI	V	N	.	N	V	NBI
	2	-0.00704	2-8	NI	N	N	.	N	N	NI	2-3	NI	V	N	.	N	V	NI
	3	-0.00615	9	NE	NE	NE	.	NE	NE	NE	4-8	NI	N	N	.	N	N	NI
	4	-0.00526	10-12	NI	N	N	.	N	N	NI	9	NE	NE	NE	.	NE	NE	NE
	5	-0.00437	13-22	NI	N	N	.	N	N	NI	10-12	NI	N	N	.	N	N	NI
	6	-0.00348									13-22	NI	N	N	.	N	N	NI
	7	-0.00259		CABIN CONFIGURATION 16C / 108Y							CABIN CONFIGURATION 20C / 102Y							
B	8	-0.00178	1	NBI	V	N	.	N	V	NBI	1	NBI	V	N	.	N	V	NBI
	9	-0.00084	2-4	NI	V	N	.	N	V	NI	2-5	NI	V	N	.	N	V	NI
	10	-0.00005	5-8	NI	N	N	.	N	N	NI	6-8	NI	N	N	.	N	N	NI
	11	+0.00074	9	NE	NE	NE	.	NE	NE	NE	9	NE	NE	NE	.	NE	NE	NE
	12	+0.00153	10-12	NI	N	N	.	N	N	NI	10-12	NI	N	N	.	N	N	NI
	13	+0.00231	13-22	NI	N	N	.	N	N	NI	13-22	NI	N	N	.	N	N	NI
	14	+0.00310		CABIN CONFIGURATION 24C / 96Y							CABIN CONFIGURATION 28C / 90Y							
C	15	+0.00389	1	NBI	V	N	.	N	V	NBI	1	NBI	V	N	.	N	V	NBI
	16	+0.00465	2-6	NI	V	N	.	N	V	NI	2-7	NI	V	N	.	N	V	NI
	17	+0.00541	7-8	NI	N	N	.	N	N	NI	8	NI	N	N	.	N	N	NI
	18	+0.00617	9	NE	NE	NE	.	NE	NE	NE	9	NE	NE	NE	.	NE	NE	NE
	19	+0.00693	10-12	NI	N	N	.	N	N	NI	10-12	NI	N	N	.	N	N	NI
	20	+0.00770	13-22	NI	N	N	.	N	N	NI	13-22	NI	N	N	.	N	N	NI
	21	+0.00846																
	22	+0.00922																

MOVEABLE CERTAIN CLASS DIVIDER is shown as : _____

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 12
Cabin Configuration(s)	A / C TYPE A319-132	Carrier TK
ALL		

9. DETAILS FOR COMPARTMENT TRIM

NUMBER	COMPARTMENT DESCRIPTION	MAXIMUM CAPACITY		Index influence	
		GROSS WEIGHT (kg)	VOLUME* (M ³)	+/-	per 1 kg
1	FWD Compartment Bulk Loading	2268	8.51	-	0.005630
4	AFT Compartment Bulk Loading	3021	11.83	+	0.004471
5	Rear (Bulk) Cargo Compartment	1497	7.22	+	0.008402

REMARKS:ULD (Container & Pallet) loading is NOT possible. "Cargo Loading System (CLS) "is NOT installed.

9.1 Combined Load Limitations: N/A

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 13
Cabin Configuration(s)	A / C TYPE A319-132	Carrier TK
ALL		

10. DETAILS FOR BAY / SECTION TRIM

BAY / SECTION		MAX. CAPACITY			Index influence
		GROSS WEIGHT (kg)	VOLUME (M ³)	+/-	per 1 kg
11	Bulk Loading	1045	4.09	-	0.006510
12	Bulk Loading	1223	4.42	-	0.004881
41	Bulk Loading	1326	5.23	+	0.003242
42	Bulk Loading	1695	7.22	+	0.005453
51	Rear Bulk Cargo Hold Section	1497	7.22	+	0.008404

REMARKS:ULD (Container & Pallet) loading is NOT possible. "Cargo Loading System (CLS)" is NOT installed.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	C Sheet 14
	A / C TYPE A319-132	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 A319-132	Carrier TK

1. CG – LIMITS

1.1. Planning Limits

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

1.2 Ideal Trim Line at ZFW for Fuel Saving Purposes

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

WEIGHT	INDEX VALUE
40000	53.00
70000	68.00

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	D Sheet 2
	A / C TYPE A319-132	Carrier TK

2. UNIT LOAD DEVICES DETAILS

Type Code	Tare weight	Maximum Capacity		Remarks
		Gross Weight	VOLUME (M ³)	
NOT APPLICABLE				

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.

EDP-SYSTEM SEMI-PERMANENT DATA	AIRCRAFT DATA	D Sheet 3
	A / C TYPE A319-132	Carrier TK

3. SPECIAL LOAD

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