



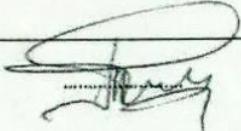
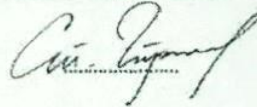
AHM - 0565

AIRBUS 320

Based on Airport Handling Manual
Edition 42 / Effective 01 January 2022

APPROVAL OF THE AMENDMENT BY BH AIR**BH AIR A320 AIRPORT HANDLING MANUAL 565**
(Based on IATA AHM565 Edition 42/ Effective 01 January 2022)

	No	Date of the Amendment
Issue	01	21.03.2022 (dd.mm.yyyy)
Revision	00	21.03.2022 (dd.mm.yyyy)

		Подпис/Signature:	Дата/Date:
Amendment Coordinated and prepared by	Kiril Tuzluchanski Manager Operation Center		(dd.mm.yyyy)
Amendment Reviewed by	Trayan Peshev Manager Ground handling		(dd.mm.yyyy)
Approved on behalf of Flight operations by	Ivan Mitkov Manager Flight operations		(dd.mm.yyyy)
Approved on behalf of Quality System by	Stefan Trendafilov Manager Quality and Safety		(dd.mm.yyyy)

EDP - System	Contact and Message Information	A
SEMI - Permanent Data	Supplier Contacts	Sheet 1
		Carrier BGH

1. SUPPLIERS' CONTACT ADDRESS

Completed sheets and changes of basic data and procedure must be forwarded to:

Mailing Address:

Teletype Address:

E-mail address:

Data Transfer Method:

Direct data transmitted

☐

E-Document

☒

Hard Copy Doc

☐

Other (Specify)

☐

Remarks:

EDP - System	Contact and Message Information Addresses	A
SEMI - Permanent Data		Sheet 2
		Carrier BGH

2. CARRIER'S CONTACT ADDRESS:

Database output and related material (e.g. test loadsheets) must be forwarded to:

Mailing Address: "BH Air" Ltd. Operations Center
7 Diakon Ignatiy Str., Sofia, 1000
Sofia, Republic of Bulgaria
Tel: +359 2 980 77 62

Teletype Address: SOFBHXXH – "BH Air" Ltd.

E-Mail address: ops@bhairlines.com

Data Transfer Method: Direct data transmitted
E-Document
Hard Copy Doc
Other (Specify)

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Remarks:

EDP - System
SEMI - Permanent Data

List of Revisions

A
Sheet 3

Carrier
BGH

3. LIST OF REVISIONS

[illegible]

* Short description of changes

**If issue no. changes, "update complete document", else "N/U/D section sheet paragraph"

EDP - System
SEMI - Permanent Data

**List of Effective
Sheets**

A
Sheet 4

Carrier
BGH

Section	Sheet	Multiple page identifier	Sheet Issue/Revision No.	Date YYYYMMDD
Title	-	-	01 / R 00	2022, Mar 21
Approval page	-	-	01 / R 00	2022, Mar 21
A - Contact and Message Information	1	-	01 / R 00	2022, Mar 21
A - Contact and Message Information	2	-	01 / R 00	2022, Mar 21
A - List of Revisions	3	-	01 / R 00	2022, Mar 21
A - List of Effective Sheets	4	-	01 / R 00	2022, Mar 21
A - List of Effective Sheets	4	A	01 / R 00	2022, Mar 21
A - Documents and Messages	5	-	01 / R 00	2022, Mar 21
B - Standard	1	-	01 / R 00	2022, Mar 21
B - Standard	2	-	01 / R 00	2022, Mar 21
B - Standard	3	-	01 / R 00	2022, Mar 21
B - Standard	4	-	01 / R 00	2022, Mar 21
B - Standard	5	-	01 / R 00	2022, Mar 21
C - Aircraft Information	1	-	01 / R 00	2022, Mar 21
C - Aircraft Information	2	-	01 / R 00	2022, Mar 21
C - Aircraft Information	3	-	01 / R 00	2022, Mar 21
C - Aircraft Information	4	-	01 / R 00	2022, Mar 21
C - Aircraft Information	5	-	01 / R 00	2022, Mar 21
C - Aircraft Information	5	A	01 / R 00	2022, Mar 21
C - Aircraft Information	5	B	01 / R 00	2022, Mar 21
C - Aircraft Information	8	-	01 / R 00	2022, Mar 21
C - Aircraft Information	9	-	01 / R 00	2022, Mar 21
C - Aircraft Information	10	-	01 / R 00	2022, Mar 21
C - Aircraft Information	11	-	01 / R 00	2022, Mar 21
C - Aircraft Information	12	-	01 / R 00	2022, Mar 21
D - Configuration Information	1	-	01 / R 00	2022, Mar 21
D - Configuration Information	2	-	01 / R 00	2022, Mar 21
D - Configuration Information	4	-	01 / R 00	2022, Mar 21
D - Configuration Information	5	-	01 / R 00	2022, Mar 21
D - Configuration Information	6	-	01 / R 00	2022, Mar 21
D - Configuration Information	7	-	01 / R 00	2022, Mar 21
D - Configuration Information	8	-	01 / R 00	2022, Mar 21
D - Configuration Information	8	A	01 / R 00	2022, Mar 21
D - Configuration Information	8	B	01 / R 00	2022, Mar 21
D - Configuration Information	9	-	01 / R 00	2022, Mar 21
E - Dry Operating Weight Build-Up	1	-	01 / R 00	2022, Mar 21
E - Dry Operating Weight Build-Up	2	-	01 / R 00	2022, Mar 21

EDP - System
SEMI - Permanent Data

**List of Effective
Sheets**

A
Sheet 4A

Carrier
BGH

Section	Sheet	Multiple page identifier	Sheet Issue/Revision No.	Date YYYYMMDD
E - Dry Operating Weight Build-Up	3	-	01 / R 00	2022, Mar 21
E - Dry Operating Weight Build-Up	5	-	01 / R 00	2022, Mar 21
F - Limiting Weights	1	-	01 / R 00	2022, Mar 21

Remarks:

Section A: Datasheet references and high level carrier/supplier information

Section B: General Carrier data

Section C: Aircraft type specific data (Units, fuel, CG limits, Max Weights etc....)

Section D: Aircraft type specific data (Holds and Cabins)

Section E: Dry Operating weight Build Up

Section F: Limiting Weights

Section G: Cargo compartment Considerations

EDP - System	Documents and	A
SEMI - Permanent Data	Messages	Sheet 5
		Carrier BGH

5. AUTOMATICALLY PRODUCED DOCUMENTS (TICK AS REQUIRED)

- ☒ LOADSHEET
- ☒ LOADING INSTRUCTION / REPORT SEATPLAN
- ☐ NOTOC
- ☐ PASSENGER INFO LIST
- ☐ SEATPLAN

6. MESSAGE REQUIREMENTS (TICK AS REQUIRED)

- ☐ ALI Abbreviated Load Information Message AHM 584
- ☒ CPM Container/Pallet Distribution Message AHM 587
- ☐ DIV Diversion Message AHM 781
- ☒ FMM Fuel Monitoring Message AHM 782
- ☐ IDM Industry Discount Message Recommended Practice 1714
- ☒ LDM Load Message AHM 583
- ☒ MVT Movement Message AHM 011 and 780
- ☐ PFS Passenger Final Sales Message Recommended Practice 1719 (dispatch only)
- ☐ PNL/ADL Passenger Name List, and Additions and Deletions List (Recommended Practice 1708) (acceptance only)
- ☒ PSM Passenger Service Message Recommended Practice 1715 (dispatch only)
- ☒ PTM Passenger Transfer Message Recommended Practice 1718
- ☐ RQL Request List Message Recommended Practice 1709 (dispatch only)
- ☐ RQM Request Information Message AHM 783
- ☐ SAL Seats Available List Recommended Practice 1713 (acceptance only)
- ☐ SLS Statistical Load Summary AHM 588
- ☒ SOM Seats Occupied Message Recommended Practice 1712
- ☒ TPM Teletype Passenger Manifest Recommended Practice 1717 (dispatch only)
- ☒ UCM ULD Control Message AHM 388 (dispatch only)
- ☐ UWS ULD/Bulk Load Weight Signal AHM 581 (acceptance only)
- ☐ Other (Specify):

7. MESSAGE ADDRESSES

Attach a complete address list for all messages mentioned under paragraph 4 above.

LDM - SOFBHXXH
MVT - SOFBHXXH
PTM & PSM - SOFBHXXH
CPM & UCM - SOFBHXXH

8. MULTIPLE SHEET NUMBERING

In the event of the requirements to produce multiple copies of the same sheet (e.g. C5, C9) establish an additional sequence identifier while keeping the original sheet number. E.g. C5a, C5b, etc, or C5.1, C5.2, etc

EDP - System

SEMI - Permanent Data

**Standard
Carrier Units and Codes**
**B
Sheet 1**
**Carrier
BGH**

1 STANDARD UNITS AND CIDES

1.1 Definition of Airline Units of Measure (tick as appropriate)

Unit	Measurement	
Weight	☒ Kg	☐ Pound
Length	☒ Meters	☐ Inches
Volume	☒ Cu. mtr	☐ Cu.ft
Liquid Volume	☒ Liter	☐ US Gallon

1.2 Definition of class codes

The following class naming convention shall be used throughout the document.

Class Code	Priority Code	Description
Y	1	Economy Class

1.3 Airline Defined Information Load Codes

Airline Load information code	Description
BY	Economy Class Baggage
TBY	Transit Economy Class Baggage
SPB	Special Baggage

EDP - System	Standard	B
SEMI - Permanent Data	Crew and Baggage Weights	Sheet 2
		Carrier BGH

2 CREW AND CREW BAGGAGE WEIGHTS

2.1 Crew weights

Description	Gender	Flight Deck Crew Weights		Cabin Crew Weights	
		Crew	Hand Baggage	Crew	Hand Baggage
Standard	M	85		75	
Standard	F	85		75	

* Variations may include domestic, international, charter, route, etc.

Hand baggage weight is included in the above mentioned crew weights.
If No: Actual or standard hand baggage weight must be used.

Yes No
☒ ☐

Remarks:

2.2 Crew baggage weights (other than hand baggage)

Description	Flight Deck Crew Weights	Cabin Crew Weights
Standard	30	30

* Variations may include domestic, international, charter, route, etc.

Remarks:

EDP - System

SEMI - Permanent Data

**Standard
Passenger and Carry-on Weights**
B
Sheet 3

 Carrier
BGH

3 PASSENGER AND BAGGAGE WEIGHTS

3.1 Standard / default passenger / cabin baggage weights

Description	Adult	Male	Female	Child	Infants	Hand Baggage
Standard	84	88	70	35	10	
Holiday charters	76	83	69	35	10	
**Asia	**72	**75	**65	**35	**10	

* Variations may include domestic, international, charter, route, etc.

Hand baggage weight is included in the above mentioned passenger weights.

Yes No

If no: Actual cabin baggage weight must be used.

☒ ☐

Remarks (conditions for oversize, etc): Use the PAX weights marked with "***" ONLY in Asia region (BG CAA approval letter 40-01-895 / 27.11.2012).

3.2 Passenger / Hand Baggage Weights by Class

Class	Standard /Variations	Adult	Male	Female	Child	Infants	Cabin Bag

* Variations may include domestic, international, charter, route, etc.

Hand baggage weight is included in the above mentioned passenger weights.

Yes No

If no: Actual cabin baggage weight must be used.

☐ ☐

Remarks (conditions for oversize, etc):

EDP - System	Standard Baggage Weights and Planning	B
SEMI - Permanent Data		Sheet 4
		Carrier BGH

3.3 Checked baggage weight

Description *	Class	Weight per Piece	Weight per Passenger
Standard		15	18

* Variations may include domestic, international, charter, route, etc.

Remarks (conditions for oversize, etc):

EDP - System

SEMI - Permanent Data

**Standard
ULD Specifications**
**B
Sheet 5**
**Carrier
BGH**

4 ULDS

4.1 ULD Specifications

ULD Type	Default*	Begin Serial Number	End Serial Number	Owner Code	Tare Weight(KG)	Max Weight(KG)	Max Volume(M3)

* Designate as the default for ULD type weight and volume. To be used during load planning.

Remarks

EDP - System	Aircraft Information	C
SEMI - Permanent Data	Units of Measurement	Sheet 1
	Aircraft Type: A320-232 Registrations: ALL	Carrier BGH

1 AIRCRAFT TYPE OR FLEET

Manufacturer: **AIRBUS** Aircraft Manufacturer

Aircraft type: **IATA : 320 ICAO:A320** IATA and ICAO aircraft type code

Series or subtype: **A320-232** Also referred to as suffix in the IATA SSIM manual

Aircraft Name: **A320-232** Aircraft type as it appears on the loadsheet

4.1 Definitions of aircraft units of measure

Unit	Measurement (tick one for each unit)	
Weight	☒ Kilograms	☐ US Pounds
Length	☐ Centimeters ☒ Meters ☐ NM	☐ Inches ☐ Feet
Liquid Volume	☒ Liters	☐ US Gallons
Volume	☒ Cubic Meters	☐ Cubic Feet
Fuel Density	☐ KG / Liter ☐ KG / US Gallon	☐ LB / Liter ☐ LB / US Gallon
Moments	☐ KG Inches ☐ KG Centimeters ☐ KG Meters ☐ KG NM	☐ LB Inches ☐ LB Centimeters ☐ LB Meters ☐ LB NM

Remarks:

EDP - System	Aircraft Information	C
SEMI - Permanent Data	Loadsheet Options	Sheet 2
	Aircraft Type: A320-232 Registrations: ALL	Carrier BGH

2 BALANCE AND SPECIAL INFORMATION — OUTPUT ON LOADSHEET

2.1 Balance output

		Prelim		Final		Remarks
Item		EDP AHM517	ACARS AHM518	EDP AHM517	ACARS AHM518	
Basic Index	BI	Y		Y		
Dry Operating Index	DOW	Y		Y		
Deadload Index	DLI					
Deadload MAC	MACDLW*					
Loaded Index at zero fuel weight	LIZFW	Y		Y		
Loaded Index at take-off weight	LITOW	Y		Y		
Loaded Index at landing weight	LILAW	Y		Y		
MAC — at zero fuel weight	MACZFW*	Y		Y		
MAC — at take-off weight	MACTOW*	Y		Y		
MAC — at landing weight	MACLAW*	Y		Y		
Stabilizer trim setting at take-off	STABTO	Y		Y		
Fuel Density				Y		
LW MAC with Fwd & Aft Limits						
TO MAC with Fwd & Aft Limits						
ZF MAC with Fwd & Aft Limits						

2.2 Passenger trim output

		Remarks*
Class trim		
Cabin area trim	Y	Last Choice
Seat row trim	Y	First Choice

EDP - System

SEMI - Permanent Data

Aircraft Information**Loadsheet Options****C**

Sheet 3

Aircraft Type: **A320-232**Registrations: **ALL**

Carrier

BGH

2.3 Supplementary Information

Item	Prelim		Final		Remarks
	EDP AHM517	ACARS AHM518	EDP AHM517	ACARS AHM518	
Ballast Fuel	Y		Y		In case of necessary
Basic Index	Y		Y		
Basic Weight	Y		Y		
Centre of Gravity Limits - LAW	Y		Y		
Centre of Gravity Limits - TOW	Y		Y		
Centre of Gravity Limits - ZFW	Y		Y		
Crew Code	Y		Y		
Crew Index	Y		Y		
Deadload Breakdown					
Fuel Density	Y		Y		
LDM	Y		Y		
Pantry Code	Y		Y		
Pantry Index	Y		Y		
Service Weight Adjustments	Y		Y		
Transit					
Transit Zero Fuel Centre of Gravity					
Transit Zero Fuel Weight					
Trapped Fuel					

EDP - System	Aircraft Information	C
SEMI - Permanent Data	Basic Index and MAC Formula	Sheet 4
	Aircraft Type: A320-232 Registrations: ALL	Carrier BGH

3 BASIC INDEX AND RC FORMULA

3.1 Examples and Definitions

$$\text{Index} = \frac{W * (HArm - Ref.HArm)}{C} + K$$

$$\%MAC / RC = \frac{\frac{C * (I - K)}{W} + Ref.HArm - LERC}{\frac{RC}{100}}$$

W = Weight, actual.

H-Arm = Horizontal-Arm, station, horizontal distance in inches / metres from station zero

Ref. H.Arm.= Reference arm / 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.

RC= Length of Reference Chord in inches / metres from the station

LERC= Horizontal distance in inches / metres from the station zero to location of the Leading Edge of the RC.

3.2 Index formula

Ref. H.Arm.=	18.850	metres from zero
K (constant)=	50	
C (constant)=	1000	

3.3 MAC/RC Information

Length of RC=	4.1935	metres
LERC at=	17.8015	metres from zero

EDP - System SEMI - Permanent Data	Aircraft Information Centre of Gravity Limits	C Sheet 5
Seat Config: 180Y Load Config:	Aircraft Type: A320-232 Registration: LZ-BHL	Carrier BGH

4 CENTRE OF GRAVITY CHARTS

4.1 CG — limits for loadsheets

Purposes

Enter the FWD and the AFT balance limits in the boxes, commencing at the lowest possible operating weight and terminating at the highest possible operating weight to be checked

IMPORTANT: If limits are affected and / or determined by passenger /fuel/ version or other conditions, specify each set of limits on a separate sheet, entering the special condition(s) in the box.

Table Name: STANDARD

Condition:

From:

To:

Type:

Envelop is

Certified: ☐

Curtailed: ☒

FORWORD

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	20.91	43.6099
Take Off	49260.00	18.98	37.5582
Take Off	53000.00	18.70	35.9913
Take Off	63000.00	20.11	37.0732
Take Off	72000.00	19.72	34.0490
Take Off	73500.00	21.57	39.4188
Take Off	77000.00	30.55	67.9113
Zero Fuel	37230.00	21.98	45.2804
Zero Fuel	47938.00	19.97	39.8823
Zero Fuel	53393.00	20.64	40.2311
Zero Fuel	55605.00	20.53	39.5699
Zero Fuel	60049.00	21.06	40.0710
Zero Fuel	61000.00	21.00	39.7602
Landing	37230.00	20.19	42.4858
Landing	53000.00	18.64	35.8579
Landing	63000.00	20.06	36.9411
Landing	64500.00	19.99	36.4409

AFT

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	32.46	61.6422
Take Off	47500.00	33.44	66.8058
Take Off	61000.00	39.23	86.3932
Take Off	70800.00	39.61	93.3682
Take Off	77000.00	35.30	83.2490
Zero Fuel	37230.00	38.46	71.0096
Zero Fuel	61000.00	40.23	88.9512
Landing	37230.00	38.47	71.0252
Landing	64500.00	40.38	91.5919

Remarks:

EDP - System SEMI - Permanent Data	Aircraft Information Centre of Gravity Limits	C Sheet 5A
Seat Config: 180Y Load Config:	Aircraft Type: A320-232 Registration: LZ-BHM	Carrier BGH

4 CENTRE OF GRAVITY CHARTS

7.4 CG — limits for loadsheets

Purposes

Enter the FWD and the AFT balance limits in the boxes, commencing at the lowest possible operating weight and terminating at the highest possible operating weight to be checked

IMPORTANT: If limits are affected and / or determined by passenger /fuel/ version or other conditions, specify each set of limits on a separate sheet, entering the special condition(s) in the box.

Table Name: STANDARD

Condition:

From:

To:

Type:

Envelop is

Certified: ☐

Curtailed: ☒

FORWORD

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	20.87	43.5474
Take Off	46458.00	19.31	38.9088
Take Off	53000.00	18.78	36.1691
Take Off	63000.00	20.18	37.2581
Take Off	72000.00	19.78	34.2301
Take Off	73500.00	21.62	39.5729
Take Off	77000.00	30.60	68.0727
Zero Fuel	37230.00	21.94	45.2180
Zero Fuel	45127.00	20.37	41.2325
Zero Fuel	48378.00	20.01	39.8706
Zero Fuel	53402.00	20.72	40.4086
Zero Fuel	60092.00	21.13	40.2403
Zero Fuel	62500.00	20.97	39.4298
Landing	37230.00	20.29	42.6419
Landing	53000.00	18.72	36.0357
Landing	63000.00	20.13	37.1260
Landing	66000.00	19.99	36.1255

Remarks:

AFT

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	32.36	61.4861
Take Off	47500.00	33.36	66.6465
Take Off	61000.00	39.17	86.2397
Take Off	70800.00	39.56	93.2198
Take Off	77000.00	35.26	83.1199
Zero Fuel	37230.00	38.37	70.8691
Zero Fuel	62500.00	40.42	90.4070
Landing	37230.00	38.37	70.8691
Landing	66000.00	40.39	92.5868

EDP - System SEMI - Permanent Data	Aircraft Information Centre of Gravity Limits	C Sheet 5A
Seat Config: 180Y Load Config:	Aircraft Type: A320-232 Registration: LZ-DBT	Carrier BGH

5 CENTRE OF GRAVITY CHARTS

7.4 CG — limits for loadsheets

Purposes

Enter the FWD and the AFT balance limits in the boxes, commencing at the lowest possible operating weight and terminating at the highest possible operating weight to be checked

IMPORTANT: If limits are affected and / or determined by passenger /fuel/ version or other conditions, specify each set of limits on a separate sheet, entering the special condition(s) in the box.

Table Name: STANDARD

Condition:

From:

To:

Type:

Envelop is

Certified: ☐

Curtailed: ☒

FORWORD

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	19.76	41.8146
Take Off	49272.00	19.02	37.6400
Take Off	53000.00	18.74	36.0700
Take Off	63000.00	20.14	37.1600
Take Off	72000.00	19.75	34.1500
Take Off	73500.00	21.60	39.5000
Zero Fuel	37230.00	22.03	45.3600
Zero Fuel	47945.00	20.01	39.9600
Zero Fuel	52897.00	20.62	40.2800
Zero Fuel	53908.00	25.10	50.2300
Zero Fuel	60091.00	21.10	40.1600
Zero Fuel	62500.00	20.94	39.3500
Landing	37230.00	20.23	43.6879
Landing	53000.00	18.67	37.6378
Landing	63000.00	20.09	35.9264
Landing	66000.00	19.95	37.1525

AFT

Specify Applicability*	Weight	MAC	Index
Take Off	37230.00	32.41	61.5700
Take Off	47500.00	33.41	66.7400
Take Off	61000.00	39.20	86.3200
Take Off	69500.00	39.54	92.3800
Take Off	70800.00	39.59	93.3100
Take Off	73500.00	37.68	89.0700
Zero Fuel	37230.00	38.42	70.9500
Zero Fuel	62500.00	40.28	90.0300
Landing	37230.00	38.42	70.9472
Landing	66000.00	40.42	92.6698

Remarks:

EDP - System	Aircraft Information	C
SEMI - Permanent Data		
Seat Config: 180Y	Aircraft Type: A320-232	Sheet 8
Load Config:	Registration: ALL	Carrier BGH

6 FUEL

5.1 Effect of fuel

Table Name	Taka Off	
Max Volume	23 860	
Max Weight	18 730.10	
Fuel Density	0.785	Min: 0.76 Max: 0.82

Fuel Quantity		Balance Arm	Index
Volume	Weight		
3 822	3 000.00	19.394	1.6310
4 459	3 500.00	19.167	1.11
5 096	4 000.00	18.995	0.60
5 732	4 500.00	18.872	0.12
6 369	5 000.00	18.780	-0.34
7 006	5 500.00	18.705	-0.78
7 643	6 000.00	18.650	-1.20
8 280	6 500.00	18.603	-1.59
8 917	7 000.00	18.568	-1.96
9 554	7 500.00	18.539	-2.32
10 191	8 000.00	18.517	-2.65
10 828	8 500.00	18.501	-2.95
11 465	9 000.00	18.495	-3.16
12 102	9 500.00	18.504	-3.26
12 739	10 000.00	18.525	-3.21
13 376	10 500.00	18.556	-3.05
14 013	11 000.00	18.596	-2.74

Fuel Quantity		Balance Arm	Index
Volume	Weight		
14 650	11 500.00	18.644	-2.30
15 287	12 000.00	18.697	-1.77
* 15 610	12 253.85	18.730	-1.47
15 924	12 500.00	18.713	-1.72
16 561	13 000.00	18.675	-2.31
17 197	13 500.00	18.634	-2.98
17 834	14 000.00	18.590	-3.72
18 471	14 500.00	18.547	-4.50
19 108	15 000.00	18.504	-5.27
19 745	15 500.00	18.465	-6.05
20 382	16 000.00	18.429	-6.83
21 019	16 500.00	18.394	-7.60
21 656	17 000.00	18.362	-8.38
22 293	17 500.00	18.332	-9.16
22 930	18 000.00	18.303	-9.93
23 567	18 500.00	18.275	-10.74
** 23 860	18 730.10	18.255	-11.14

Remarks:

- * Outer & Inner Cells Full
- ** All Tanks Full

EDP - System	Aircraft Information	C
SEMI - Permanent Data	Fuel	Sheet 9
Seat Config: 180Y	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

5.2 Effect of Fuel - Cumulative

FUEL LOADING PROCEDURE IS AS FOLLOWS;

1. Load main tanks 1 & 2 equally until they are full.
2. Load additional fuel in the center tank until full.

Fuel Wt.	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	2.3	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	1.11	1.15	1.21	1.27	1.33
4000	0.46	0.52	0.58	0.60	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
19500								-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

Remarks:

FUEL TANKS TOTAL VOLUMETRIC CAPACITY IS 23860 LT

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 = 12 kg/minute

APU Fuel Flow = 130 kg/hour

EDP - System SEMI - Permanent Data	Aircraft Information Fuel	C Sheet 10
Seat Config: 180Y Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

5.3 Fuel Distribution

Distribution Name: Automatic Refueling of Tank

Maximum Volume:

Maximum Weight:

Fuel Density: 0.785

Sequence	Fuel range			Tank Name(s)	Quantity		Ratio
	From	To	Vol or Wt		Volume	Weight	
Step 1	0	2560	Weight	Inner Tanks		2560	
Step 2	2560	12254	Weight	Inner Tanks Outer Tanks		8310 1382	
Step 3	12254	18730	Weight	Outer Tanks		6476	

5.4 Taxi Fuel

Station or default	Standard Taxi Fuel Weight	Default burn order
Standard	200	

Remarks:

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 = 12 kg/minute

APU Fuel Flow = 130 kg/hour

EDP - System	Aircraft Information	C
SEMI - Permanent Data	Stabilizer and Trim Setting	Sheet 11
Seat Config: 180Y	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

7 STABILISER TRIM

6.1 Settings

MAC
Flaps setting
Thrust rating

ALL FLAPS

If required, specify ANU (A/C nose up) or AND (A/C nose down).

Nose Indication	From	To

Take Off Weight	%MAC and corresponding STAB				
	10.5	17	40	43	
37230	2.5	2.5	-2.5	-2.5	
73500	2.5	2.5	-2.5	-2.5	

linear variation between 17% and 40%

Remarks:

EDP - System SEMI - Permanent Data	Aircraft Information Identification	C Sheet 11
Seat Config: 180Y Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

8 AIRCRAFT IDENTIFICATION

7.1 Aircraft Identification

Table Name:

Condition:

From: To: Type:

Aircraft Registration	MSN	Name	Other Information	Registration Group	Remarks
LZ-BHL	02987				
LZ-BHM	02457				
LZ-DBT	02908				

Remarks:

EDP - System

SEMI - Permanent Data

Configuration Information**Dimensions and Limits****D**

Sheet 1

Seat Config:

Load Config:

Aircraft Type: **A320-232**Registration: **LZ-BHL**

Carrier

BGH**1. DIMENSIONS AND LIMITS**

	FWD Station/Arm	AFT Station/Arm	Maximum Weight	Volume	Width
Upper deck					
Main deck					
Lower deck					

Note : Where applicable include visual presentation of decks.

Remarks:

EDP - System

SEMI - Permanent Data

Configuration Information

Holds

D

Sheet 2

Seat Config:

Load Config:

Aircraft Type: **A320-232**Registration: **ALL**

Carrier

BGH

2. HOLDS AND CABINS

3.1 Bulk Holds

Deck Name :

LOWER

Hold / cpt Name		Max Weight	Volume	Lateral Arm			Balance Arm			Index per wt unit
				Centroid	From	To	Centroid	Fwd	Aft	
Hold	FWD									
CPT	1	3402	13.11				12.283	9.858	14.708	-0.006567
BAY	11	1045	3.69				10.744	9.858	11.633	-0.008106
BAY	12	1225	4.76				12.433	11.633	13.233	-0.006417
BAY	13	1132	4.39				13.971	13.233	14.708	-0.004879
HOLD	AFT									
CAP	3	2426	9.71				22.885	21.208	24.562	0.004035
BAY	31	1301	5.21				22.085	21.208	22.962	0.003235
BAY	32	1125	4.51				23.762	22.962	24.562	0.004912
CAP	4	2110	8.36				26.162	24.562	27.762	0.007312
BAY	41	928	3.63				25.362	25.562	26.162	0.006512
BAY	42	1182	4.73				26.962	26.162	27.762	0.008112
HOLD	BULK									
CPT	5	1497	5.88				29.38	27.762	31.003	0.010530
BAY	51	374	1.46				28.029	27.762	28.296	0.009179
BAY	52	353	1.38				28.829	28.296	29.362	0.009979
BAY	53	770	3.04				30.182	29.362	31.003	0.011332

3.2 ULD Holds

Deck Name :

LOWER

Hold / cpt Name		Max Weight	Volume	Lateral Arm			Balance Arm			Index per wt unit
				Centroid	From	To	Centroid	Fwd	Aft	

EDP - System	Configuration Information	D
SEMI - Permanent Data	Doors, Locks, and Restraints	Sheet 4
Seat Config:	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

4. DOORS AND LOCKS

5.4 Doors

Door ID	Hold or Cabin name	Balance Arm	Weight	Index per wt unit	L / R / C *
DOOR 1	FWD CABIN	7.579	100	-0.011271	L/R
DOOR 1	FWD CARGO HOLD DOOR	10.7	120	-0.00815	R
DOOR 2	EMERGENCY EXIT 1	16.971	15	-0.001879	L/R
DOOR 3	EMERGENCY EXIT 2	17.818	15	-0.001032	L/R
DOOR 4	AFT CARGO HOLD DOOR	25.229	120	0.006379	R
DOOR 5	REAR BULK CARGO HOLD DOOR	28.859	40	0.010009	R
DOOR 6	AFT CABIN DOOR	32.085	100	0.013235	L/R

*Indicate L – Left, R – Right or C – Center.

5.5 Lock Definition

ULD position	Lateral Arm	Balance Arm	Type	ULD position

*Indicated L - Left, R - Right or C - Center

5.6 Missing restraint rules

ULD position	Lock/Net name or position	Weight restriction	Number of missing restraints

EDP - System	Configuration Information	D
SEMI - Permanent Data	Cabin and Crew Locations	Sheet 5
Seat Config:	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

5. CABIN AND EQUIPMENT

Cabin crew, Class, Galleys, Lavs, diplomatic (DIP) Lockers

5.1 Cabin definition

Section	Deck	Rows		Lateral arm		Balance arm			Index per weight unit
		From	To	From	To	Centroid	FWD	AFT	
0A		1	10						
0B		11	20						
0C		21	30						

5.2 Flight Deck Locations

Location	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
Captain	1		5.085	-0.01377
1 st Officer	1		5.085	-0.01377
1 st Observer	1		5.722	-0.01313
2 nd Observer	1		5.867	-0.01298

5.3 Cabin Crew Locations

Location	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
Rear wall of lavatory La/LH	2		7.327	-0.01152
Side wall of lavatory Le/CTR	1		31.678	+0.01283
Rear wall of lavatory Le/RH	2		31.852	+0.01300
Rear wall of lavatory Ld/LH	1		31.926	+0.01309

Location	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
FWD	2		7.327	-0.01152
AFT	4		31.82	+0.012970

EDP - System

SEMI - Permanent Data

Configuration Information
Galley and Other Locations
D
 Sheet 6

Seat Config:

Load Config:

Aircraft Type: **A320-232**Registration: **ALL**
 Carrier
BGH

6.1 Potable Water Locations

Specify potable water tank locations

Tank Name	Max Weight	Lateral Centroid	Balance ARM			Index per Weight Unit
			Centroid	FWD	AFT	
Portabal Water Tank 1	200		15.546			-0.00330

6.2 Galleys and Other Locations

Include locations for galleys, lavs, dip lockers, etc.

Location		Max Weight	Lateral Arm			Balance Arm			Index per Weight Unit
Type	Description		Centroid	From	To	Centroid	From	To	
LZ-BHL									
Galley	G1	700				6.645			-0.01221
Galley	G5	1300				33.162			+0.01428
LZ-BHM									
Galley	G1	700				6.683			-0.01217
Galley	G5	1300				33.150			+0.01430
LZ-DBT									
Galley	G1	700				6.709			-0.01214
Galley	G5	1300				33.099			+0.01425

6.3 Waste Water Tank

Tank Quantity	Tank Capacity (lt)	100% capacity		75% capacity		50% capacity		25% capacity	
		Total Capacity	Total Index	Weight	Index	Weight	Index	Weight	Index
1	200	200	2.6	150	2.0	100	1.3	50	0.7

EDP - System SEMI - Permanent Data	Configuration Information Seating Layout	D Sheet 7
Seat Config: Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

5. SEATING

6.1 Seating Layout

First letter indicates class (e.g. F, C, Y)

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

A = Aisle

B = Bassinet position

C = Crew seat

E = Emergency exit

F = Bulkhead seat

G = Groups

H = Incapacitated passenger

I = Infant preference row / 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

Q = No movie

X = Not available

Y = Not fitted

Z = Buffer zone

Alpha / Characters - D, R, Blank, not used

Example: FV = First class seat left vacant

EDP - System	Configuration Information	D
SEMI - Permanent Data	Seating Layout	Sheet 8
Seat Config: 180Y	Aircraft Type: A320-232	Carrier
Load Config:	Registration: LZ-BHL	BGH

6.2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier								Max Wt	Max Seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F					
0A	1	INQKLT	INQKLTV	INQKLTUVA		IANQKLTUV	INQKLTV	INQKLT			6		-0.00977
0A	2	INQ	INQV	INQUA		IANQU	INQV	INQ			6		-0.00898
0A	3	INQ	INQV	INQA		IANQ	INQV	INQ			6		-0.00819
0A	4	INQ	INQV	INQA		IANQ	INQV	INQ			6		-0.00748
0A	5	INQ	INQ	INQA		IANQ	INQV	INQ			6		-0.00677
0A	6	IONQ	INQ	INQA		IANQ	INQ	IQNO			6		-0.00606
0A	7	ION	IN	INA		IAN	IN	INO			6		-0.00535
0A	8	ION	IN	INA		IAN	IN	INO			6		-0.00464
0A	9	ION	IN	INA		IANO	IN	INO			6		-0.00393
0A	10	ION	IN	INA		IAN	IN	INO			6		-0.00322
0B	11	IONG	ING	INGA		IANG	ING	INGO			6		-0.00251
0B	12	OENLG	ENLG	ENLGA		ANGLE	NGLEO	NGLEO			6		-0.00162
0B	13	OENLG	ENLG	ENLGA		ANGLE	NGLE	NGLEO			6		-0.00073
0B	14	IONG	ING	INGA		IANG	ING	INGO			6		-0.00002
0B	15	IONG	ING	INGA		IANG	ING	INGO			6		+0.00070
0B	16	IONG	ING	INGA		IANG	ING	INGO			6		+0.00141
0B	17	IONG	ING	INGA		IANG	ING	INGO			6		+0.00212
0B	18	IONG	ING	INGA		IANG	ING	INGO			6		+0.00283
0B	19	IONG	ING	INGA		IAGN	ING	INGO			6		+0.00354
0B	20	ION	IN	INA		IAN	IN	INO			6		+0.00425
0C	21	IN	IN	INA		IAN	IN	IN			6		+0.00496
0C	22	IN	IN	INA		IAN	IN	IN			6		+0.00567
0C	23	IN	IN	INA		IAN	IN	IN			6		+0.00638
0C	24	IN	IN	INA		IAN	IN	IN			6		+0.00710
0C	25	IN	IN	INA		IAN	IN	IN			6		+0.00781
0C	26	INP	IN	INA		IAN	IN	IN			6		+0.00852
0C	27	INP	IN	INA		IAN	IN	IN			6		+0.00923
0C	28	INP	IN	INA		IAN	IN	IN			6		+0.00994
0C	29	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6		+0.01065
0C	30	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6		+0.01136

EDP - System

SEMI - Permanent Data

Configuration Information

Seating Layout

D

Sheet 8A

Seat Config: 180Y

Load Config:

Aircraft Type: A320-232

Registration: LZ-BHM

Carrier

BGH

6.2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier								Max Wt	Max Seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F					
0A	1	INQKLT	INQKLTV	INQKLTUVA		IANQKLTUV	INQKLTV	INQKLT			6		-0.00982
0A	2	INQ	INQV	INQUA		IANQU	INQV	INQ			6		-0.00908
0A	3	INQ	INQV	INQA		IANQ	INQV	INQ			6		-0.00835
0A	4	INQ	INQV	INQA		IANQ	INQV	INQ			6		-0.00761
0A	5	INQ	INQ	INQA		IANQ	INQV	INQ			6		-0.00687
0A	6	IONQ	INQ	INQA		IANQ	INQ	IQNO			6		-0.00614
0A	7	ION	IN	INA		IAN	IN	INO			6		-0.00540
0A	8	ION	IN	INA		IAN	IN	INO			6		-0.00466
0A	9	ION	IN	INA		IANO	IN	INO			6		-0.00393
0A	10	ION	IN	INA		IAN	IN	INO			6		-0.00319
0B	11	IONG	ING	INGA		IANG	ING	INGO			6		-0.00243
0B	12	OENLG	ENLG	ENLGA		ANGLE	NGLEO	NGLEO			6		-0.00159
0B	13	OENLG	ENLG	ENLGA		ANGLE	NGLE	NGLEO			6		-0.00075
0B	14	IONG	ING	INGA		IANG	ING	INGO			6		-0.00002
0B	15	IONG	ING	INGA		IANG	ING	INGO			6		+0.00072
0B	16	IONG	ING	INGA		IANG	ING	INGO			6		+0.00146
0B	17	IONG	ING	INGA		IANG	ING	INGO			6		+0.00219
0B	18	IONG	ING	INGA		IANG	ING	INGO			6		+0.00293
0B	19	IONG	ING	INGA		IAGN	ING	INGO			6		+0.00367
0B	20	ION	IN	INA		IAN	IN	INO			6		+0.00440
0C	21	IN	IN	INA		IAN	IN	IN			6		+0.00514
0C	22	IN	IN	INA		IAN	IN	IN			6		+0.00585
0C	23	IN	IN	INA		IAN	IN	IN			6		+0.00656
0C	24	IN	IN	INA		IAN	IN	IN			6		+0.00727
0C	25	IN	IN	INA		IAN	IN	IN			6		+0.00799
0C	26	INP	IN	INA		IAN	IN	IN			6		+0.00870
0C	27	INP	IN	INA		IAN	IN	IN			6		+0.00941
0C	28	INP	IN	INA		IAN	IN	IN			6		+0.01012
0C	29	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6		+0.01083
0C	30	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6		+0.01154

EDP - System

SEMI - Permanent Data

Configuration Information

Seating Layout

D

Sheet 8B

Seat Config: 180Y

Load Config:

Aircraft Type: A320-232

Registration: LZ-DBT

Carrier

BGH

6.2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier								Max Wt	Max Seats	Length of arm from reference station	Index per weight unit
		A	B	C		D	E	F					
0A	1	INQKLT	INQKLTV	INQKLTUVA		IANQKLTUV	INQKLTV	INQKLT			6	-9.871	-0.00987
0A	2	INQ	INQV	INQUA		IANQU	INQV	INQ			6	-9.134	-0.00913
0A	3	INQ	INQV	INQA		IANQ	INQV	INQ			6	-8.398	-0.00840
0A	4	INQ	INQV	INQA		IANQ	INQV	INQ			6	-7.661	-0.00766
0A	5	INQ	INQ	INQA		IANQ	INQV	INQ			6	-6.925	-0.00692
0A	6	IONQ	INQ	INQA		IANQ	INQ	IQNO			6	-6.188	-0.00619
0A	7	ION	IN	INA		IAN	IN	INO			6	-5.451	-0.00545
0A	8	ION	IN	INA		IAN	IN	INO			6	-4.715	-0.00471
0A	9	ION	IN	INA		IANO	IN	INO			6	-3.978	-0.00398
0A	10	ION	IN	INA		IAN	IN	INO			6	-3.242	-0.00324
0B	11	IONG	ING	INGA		IANG	ING	INGO			6	-2.480	-0.00248
0B	12	OENLG	ENLG	ENLGA		ANGLE	NGLEO	NGLEO			6	-1.641	-0.00164
0B	13	OENLG	ENLG	ENLGA		ANGLE	NGLE	NGLEO			6	-0.752	-0.00075
0B	14	IONG	ING	INGA		IANG	ING	INGO			6	-0.016	-0.00002
0B	15	IONG	ING	INGA		IANG	ING	INGO			6	+0.721	+0.00072
0B	16	IONG	ING	INGA		IANG	ING	INGO			6	+1.457	+0.00146
0B	17	IONG	ING	INGA		IANG	ING	INGO			6	+2.194	+0.00219
0B	18	IONG	ING	INGA		IANG	ING	INGO			6	+2.931	+0.00293
0B	19	IONG	ING	INGA		IAGN	ING	INGO			6	+3.667	+0.00367
0B	20	ION	IN	INA		IAN	IN	INO			6	+4.378	+0.00438
0C	21	IN	IN	INA		IAN	IN	IN			6	+5.090	+0.00509
0C	22	IN	IN	INA		IAN	IN	IN			6	+5.801	+0.00580
0C	23	IN	IN	INA		IAN	IN	IN			6	+6.512	+0.00651
0C	24	IN	IN	INA		IAN	IN	IN			6	+7.223	+0.00722
0C	25	IN	IN	INA		IAN	IN	IN			6	+7.934	+0.00793
0C	26	INP	IN	INA		IAN	IN	IN			6	+8.646	+0.00865
0C	27	INP	IN	INA		IAN	IN	IN			6	+9.357	+0.00936
0C	28	INP	IN	INA		IAN	IN	IN			6	+10.068	+0.01007
0C	29	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6	+10.779	+0.01078
0C	30	INKTV	INKTV	INKTVUA		IANKTVU	INKTV	INKTV			6	+11.490	+0.01149

EDP - System	Configuration Information	D
SEMI - Permanent Data	Saleable Configurations	Sheet 9
Seat Config: 180Y	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

6.3 Saleable Configurations

Saleable Configuration:

180Y

Cabin Name	Number of Seats per Cabin Name and Class					Total Per Cabin	Balance Arm			Index Per Weight Unit
	C	Y					Centroid	FWD	AFT	
LZ-BHL										
0A		60				60	12.410			-0.006440
0B		60				60	19.848			+0.000998
0C		60				60	27.013			+0.008163
Total per class		180				180				
LZ-BHM										
0A		60				60	12.344			-0.006506
0B		60				60	19.909			+0.001059
0C		60				60	27.191			+0.008341
Total per class		180				180				
LZ-DBT										
0A		60				60	12.294			-0.00656
0B		60				60	19.896			+0.00105
0C		60				60	27.140			+0.00829
Total per class		180				180				

EDP - System SEMI - Permanent Data	Dry Operating Weight Build-Up	E Sheet 1
Seat Config: Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

1. AIRCRAFT START WEIGHT

Basic weight ☒

DOW ☐

2. DRY OPERATING WEIGHT

2.1 Dry Operating Weight Specification

Item	Included	Remarks
Basic Weight	X	
Flight Deck Crew	X	
Cabin Crew	X	
Flight Deck Crew Baggage	X	
Cabin Crew Baggage	X	
Pantry	X	
Containers		
Pallets		

Note: Items not selected are included in the total traffic load weight

Remarks:

EDP - System	Dry Operating Weight Build-Up	E
SEMI - Permanent Data	Crew and Pantry Codes	Sheet 2
Seat Config:	Aircraft Type: A320-232	Carrier
Load Config:	Registration: ALL	BGH

2.2 Crew Codes

Crew code	Flight deck locations		Cabin crew locations		Baggage locations		Remarks
	Location	Total	Location	Total	Flight	Cabin	
Standard	Captain	1	Fwd	2			
	First officer	1	Aft	2			

Crew code	Cockpit crew total no	Cabin crew total no	Number of cabin		Location of crew baggage
			Fwd	Aft	
2/0	2	0	0	0	
3/0	3	0	0	0	
4/0	4	0	0	0	
2/5	2	5	2	3	
2/6	2	6	2	4	
3/4	3	4	2	2	
3/5	3	5	2	3	
3/6	3	6	2	4	
4/4	4	4	2	2	
4/5	4	5	2	3	
4/6	4	6	2	4	

2.3 Pantry Codes

Pantry code	Galley location	Total weight	Balance arm	Index per kg	Remarks
A	FWD (G1)	200		-0.012	European flights
	AFT (G5)	300		+0.014	
B	FWD (G1)	250		-0.012	Intercontinental flights
	AFT (G5)	350		+0.014	

EDP - System SEMI - Permanent Data	Dry Operating Weight Build-Up Potable Water and Fixed Weights	E Sheet 3
Seat Config: Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

2.4 Potable Water Code

Portabal water code	Tank name	Weight	Index	Remarks

2.5 Standard Service Weight Adjustment Codes

Adjustment code	Description	Weight	Balance arm	Idex	Remarks
0% PTBLE WTR	0% Potable Water Carried	-200		0.7	
25% PTBLE WTR	25% Potable Water Carried	-150		0.5	
50% PTBLE WTR	50% Potable Water Carried	-100		0.4	
75% PTBLE WTR	75% Potable Water Carried	-50		0.2	

Remarks:

*Basic wt/index includes: cockpit & a/c documents, engine's oil & other technical liquids, life jackets & emergency equipment, unusable fuel, standard technical equipment, potable water tanks full, water and chemical fluid in the toilet, skylife magazine, electrical galley equipment (hotcup, hotjug, etc). If some items or equipment are not carried make necessary adjustments. trolley weight/index are not included in bw/bi they are included in pantry weight/index.

EDP - System	Dry Operating Weight Build-Up	E
SEMI - Permanent Data	Aircraft Registration Weights	Sheet 5
Seat Config: Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

2.7 Aircraft Registration Weights

2.7.2 Individual Aircraft Weights

Registration /tail number	Weight (DOW)	%MAC	Balance arm	Index	Weight config code*	Remarks
LZ-BHL	43884			52.03		MSN 02987 / SEAT 180Y
LZ-BHM	42991			51.22		MSN 02457 / SEAT 180Y
LZ-DBT	42371			52.48		MSN 02908 / SEAT 180Y

Remarks:

How to calculate DOW/DOI? Basic Weight/Index (Full potable water tank)+Cockpit Crew Total Weight/Index+Cabin Crew Total Weight/Index+Pantry Weight/Index=Dry Operating Weight/Index. If actual is different, then make necessary adjustments

EDP - System SEMI - Permanent Data	Limiting Weights	F Sheet 1
Seat Config: Load Config:	Aircraft Type: A320-232 Registration: ALL	Carrier BGH

1. AIRCRAFT LIMITING WEIGHT

1.1 Maximum Weight Tables

Weight Table name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight	Remarks
	LZ-BHL	61 000	64 500	77 000	77 400	
	LZ-BHM	62 500	66 000	77 000	77 400	
	LZ-DBT	62 500	66 000	73 500	73 900	

Remarks:

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.