



# AHM - 565

# A-220

# CSA-MN-107

Completed by: Bc. Lucie Wágnerová  
TVS FDS

Checked by: \_\_\_\_\_  
TVS - TU

Approved by: \_\_\_\_\_  
Czech Airlines

Approved by: \_\_\_\_\_  
Czech Airlines

Valid from:

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Issue No: 1  
Date: 20 MAR 2021

## 1 SUPPLIER'S CONTACTS

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

MAILING ADDRESS: (INC. TEL & FAX)


TELETYPE ADDRESSES:


E-MAIL ADDRESSES:


DATA TRANSFER METHOD:

Direct data transmitted	
E-Document	
Hard Copy Doc	
Other (Specify)	

Remarks:

Enter any comments here...

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Issue No: 1  
Date: 20 MAR 2021

## 2 CARRIER'S CONTACTS

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

MAILING ADDRESS: (INC. TEL & FAX)

CZECH AIRLINES TECHNICS
Aircraft Engineering Division
Ing. Pavel Hladik
Prague 6
Jana Kaspara 1069/1
Poste Code 160 08
Czech Republic

TELETYPE ADDRESSES:

SITA PRGMMOK

E-MAIL ADDRESSES:

<a href="mailto:wbd.aed@csa.cz">wbd.aed@csa.cz</a>
<a href="mailto:fds@smartwings.com">fds@smartwings.com</a>

DATA TRANSFER METHOD:

Direct data transmitted	<input type="checkbox"/>
E-Document	<input checked="" type="checkbox"/>
Hard Copy Doc	<input type="checkbox"/>
Other (Specify)	<input type="checkbox"/>

Remarks:

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**



**4 LIST OF EFFECTIVE SHEETS**

The issue number and the date are mandatory.

Section	Sheet	Multiple Page Identifier	Sheet Issue Number	Date (YYYYMMDD)
Title	Sheet 0		1	20 MAR 2021
Section A	Sheet 1		1	20 MAR 2021
Section A	Sheet 2		1	20 MAR 2021
Section A	Sheet 3		1	20 MAR 2021
Section A	Sheet 4		1	20 MAR 2021
Section A	Sheet 4.1		1	20 MAR 2021
Section A	Sheet 5		1	20 MAR 2021
Section B	Sheet 1		1	20 MAR 2021
Section B	Sheet 2		1	20 MAR 2021
Section B	Sheet 3		1	20 MAR 2021
Section B	Sheet 4		1	20 MAR 2021
Section B	Sheet 5		1	20 MAR 2021
Section C	Sheet 1		1	20 MAR 2021
Section C	Sheet 2		1	20 MAR 2021
Section C	Sheet 3		1	20 MAR 2021
Section C	Sheet 4		1	20 MAR 2021
Section C	Sheet 5		1	20 MAR 2021
Section C	Sheet 5.1		1	20 MAR 2021
Section C	Sheet 6		1	20 MAR 2021
Section C	Sheet 7		1	20 MAR 2021
Section C	Sheet 8		1	20 MAR 2021
Section C	Sheet 8.1		1	20 MAR 2021
Section C	Sheet 8.2		1	20 MAR 2021
Section C	Sheet 9		1	20 MAR 2021
Section C	Sheet 10		1	20 MAR 2021
Section C	Sheet 11		1	20 MAR 2021
Section C	Sheet 11.1		1	20 MAR 2021
Section C	Sheet 11.2		1	21 MAR 2021
Section C	Sheet 11.3		1	21 MAR 2021
Section C	Sheet 11.4		1	21 MAR 2021
Section C	Sheet 11.5		1	21 MAR 2021

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(Signature)

Issue No: 1  
Date: 20 MAR 2021

#### 4 LIST OF EFFECTIVE SHEETS

The issue number and the date are mandatory.

Section	Sheet	Multiple Page Identifier	Sheet Issue Number	Date (YYYYMMDD)
Section D	Sheet 1		1	20 MAR 2021
Section D	Sheet 2		1	20 MAR 2021
Section D	Sheet 3		1	20 MAR 2021
Section D	Sheet 4		1	20 MAR 2021
Section D	Sheet 5		1	20 MAR 2021
Section D	Sheet 6		1	20 MAR 2021
Section D	Sheet 7		1	20 MAR 2021
Section D	Sheet 8		1	20 MAR 2021
Section D	Sheet 9		1	20 MAR 2021
Section D	Sheet 10		1	20 MAR 2021
Section D	Sheet 11		1	20 MAR 2021
Section E	Sheet 1		1	20 MAR 2021
Section E	Sheet 2		1	20 MAR 2021
Section E	Sheet 2.1		1	20 MAR 2021
Section E	Sheet 3		1	20 MAR 2021
Section E	Sheet 4		1	20 MAR 2021
Section E	Sheet 5		1	20 MAR 2021
Section F	Sheet 1		1	20 MAR 2021
Section F	Sheet 2		1	20 MAR 2021
Section G	Sheet 1		1	20 MAR 2021
Section H	Sheet 1		1	20 MAR 2021
Section H	Sheet 2		1	20 MAR 2021
Section H	Sheet 2.1		1	20 MAR 2021
Section H	Sheet 2.2		1	20 MAR 2021
Section H	Sheet 2.3		1	20 MAR 2021
Section H	Sheet 3		1	20 MAR 2021

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(Signature)

Issue No: 1  
Date: 20 MAR 2021

## 5 AUTOMATICALLY PRODUCED DOCUMENTS

(tick as required)

- |                                     |                            |
|-------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> | LOADSHEET                  |
| <input checked="" type="checkbox"/> | LOADING INSTRUCTION/REPORT |
| <input checked="" type="checkbox"/> | NOTOC                      |
| <input type="checkbox"/>            | PASSENGER INFO LIST        |
| <input type="checkbox"/>            | SEATPLAN                   |

## 6 MESSAGE REQUIREMENTS

(tick as required)

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

## 7 MESSAGE ADDRESSES

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

## 8 MULTIPLE SHEETS NUMBERING

In the event of the requirement to produce multiple copies of the same sheets (e.g. C5, C9 ) establish an additional sequence identifier while keeping the original sheet number.

E.g. C5.1, C5.2, etc.

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Issue No: **1**  
Date: **20 MAR 2021**

## 1 STANDARD UNITS AND CODES

### 1,1 Definition of Airline Units of Measure

Unit	Measurement (tick one for each unit)
Weight:	<input checked="" type="checkbox"/> Kilogram <input type="checkbox"/> Pound
Volume:	<input checked="" type="checkbox"/> Cubic Metre <input type="checkbox"/> Cubic Feet

<<<Click applicable checkboxes

### 1,2 Definition of class codes

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

Class codes: (e.g. F, Y, C, M, etc.)

Class Code	Priority Code	Description
J	1	Business
Y	2	Economy

### 1,3 Airline Defined Information Load Codes

Define airline unique load information codes here.

Airline Load Information Code	Description

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## 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		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:

Enter any comments here...

### 2,2 Crew baggage weights (other than hand baggage)

Description*	Flight Deck Crew Baggage	Cabin Crew Baggage

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

Remarks:

Enter any comments here...

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### 3 PASSENGER AND BAGGAGE WEIGHTS

#### 3,1 Standard / Default Passenger / Cabin Baggage Weights

Enter standard passenger weights, followed by any variations.

Description	Adult	Male	Female	Child	Infant	Hand Baggage
Standard		88	70	35	0	
Holiday Charters	76			35	0	

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

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

Yes  No

Remarks (conditions for oversize, etc):

Enter any comments here...

#### 3,2 Passenger / Hand Baggage Weights By Class

Enter standard passenger weights, followed by any variations.

Class	Standard/variations*	Adult	Male	Female	Child	Infant	Cabin Bag

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

Remarks:

Enter any comments here...

**3,3 Checked baggage weight**

Enter standard baggage weights, followed by any variations.

Description *	Class	Weight per Piece	Weight per Passenger

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

Enter "actual" if standard weight not permitted.

Remarks (conditions for Oversize etc.):

Enter any comments here...

**3,4 Planning assumptions**

Enter standard baggage weights, followed by any variations.

Description *	Class	Average Bags/Pax	Average Bag Weight/Pax	Average Bag Volume

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

Remarks (conditions for Oversize etc.):

Enter any comments here...

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Issue No: **1**  
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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Units of Measurement**

**C**  
Sheet 1  
**Carrier**

Seat Config: **140Y**

Aircraft Type: **220-300**

Load Config:

Registrations: **OK-CAC**

**OK**

**1 AIRCRAFT TYPE OR FLEET**

Manufacturer: **Airbus Canada Limited Partners** Aircraft Manufacturer

Aircraft type: **220** IATA or ICAO aircraft type code

Series or subtype: **220-300** Also referred to as suffix in the IATA SSIM manual

Aircraft Name: **220-300** Aircraft type as it appears on the loadsheet

**1,1 Definitions of Aircraft Units of Measure**

Unit	Measurement (tick one for each unit)	
<b>Weight</b>	<input checked="" type="checkbox"/> Kilograms	<input type="checkbox"/> US Pounds
	<input type="checkbox"/> Centimeters	<input type="checkbox"/> Inches
<b>Length</b>	<input checked="" type="checkbox"/> Metres	<input type="checkbox"/> Feet
	<input type="checkbox"/> MM	
<b>Liquid Volume</b>	<input checked="" type="checkbox"/> Litres	<input type="checkbox"/> US Gallons
<b>Volume</b>	<input checked="" type="checkbox"/> Cubic Metres	<input type="checkbox"/> Cubic Feet
<b>Fuel Density</b>	<input checked="" type="checkbox"/> KG / Litre	<input type="checkbox"/> LB / Litre
	<input type="checkbox"/> KG / US Gallon	<input type="checkbox"/> LB / US Gallon
<b>Moments</b>	<input type="checkbox"/> KG Inches	<input type="checkbox"/> LB Inches
	<input type="checkbox"/> KG Centimeters	<input type="checkbox"/> LB Centimeters
	<input checked="" type="checkbox"/> KG Metres	<input type="checkbox"/> LB Metres
	<input type="checkbox"/> KG MM	<input type="checkbox"/> LB MM

Tick as appropriate

Remarks:

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**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Loadsheet Options**

**C**

Sheet 2

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2 BALANCE AND SPECIAL INFORMATION — OUTPUT ON LOADSHEET**

**2,1 Balance output**

Item		Prelim		Final		
		EDP AHM517	ACARS AHM518	EDP AHM517	ACARS AHM518	
Basic Index	BI	✓	✓	✓	✓	
Dry Operating Index	DOI	✓	✓	✓	✓	
Deadload Index	DLI					
Deadload MAC	MACDLW*					
Loaded Index at zero fuel weight	LIZFW	✓	✓	✓	✓	
Loaded Index at take-off weight	LITOW	✓	✓	✓	✓	
Loaded Index at landing weight	LILAW	✓	✓	✓	✓	
MAC — at zero fuel weight	MACZFW*	✓	✓	✓	✓	
MAC — at take-off weight	MACTOW*	✓	✓	✓	✓	
MAC — at landing weight	MACLAW*	✓	✓	✓	✓	
Stabilizer trim setting at take-off	STABTO	✓	✓	✓	✓	
Stabilizer trim setting at landing	STABLA					

\* Indicate if RC (Reference Chord) to be printed on loadsheet in place of MAC

**2,2 Passenger trim output**

		Remarks*
Class trim		
Cabin area trim	✓	
Seat row trim		

\*Remarks: Indicate any other terminology to be printed on the loadsheet (Ref AHM517 6.2 item 44).

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**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Loadsheet Options**

**C**

Sheet 3

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2,3 Supplementary Information**

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

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Issue No: **1**  
Date: **20 MAR 2021**

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

### 3 BASIC INDEX AND MAC/RC FORMULA

#### 3.1 Examples and definitions

$$\text{Index} = \frac{W \cdot (\text{Balance Arm} - \text{Reference Arm.})}{C} + K$$

$$\%MAC / RC = \frac{\frac{C \cdot (I - K)}{W} + \text{Reference Arm} - \text{LEMAC or LERC}}{\frac{MAC \text{ or } RC}{100}}$$

W = Weight, actual.

Balance Arm = Station, horizontal distance in length units from reference datum to the location.

Reference Arm = 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 = Defined Weight Constant used as a denominator to convert moment values into index values.

I = index value corresponding to respective weight.

MAC / RC = length of Mean Aerodynamic Chord/reference Chord in length units

LEMAC / LERC = horizontal distance in length units from the reference datum to location of the Leading Edge

#### 3.2 Index formula

Reference Arm at = **21,748** Length units from reference datum  
 K (constant) = **50**  
 C (constant) = **806,487**

#### 3.3 MAC/RC information

Length of MAC/RC = **3,781** length units  
 LEMAC/LERC = **20,803** length units reference datum.

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Date: **20 MAR 2021**



Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

## 4 CENTRE OF GRAVITY CHARTS

### 4.1 CG — limits for loadsheet

#### Purposes

Enter the forward 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: **STD - OK-CAC**

Envelope is: Certified:  Curtailed:

#### FORWARD

Specify applicability *	Weight	MAC	Index
<b>ZERO FUEL</b>	<b>36287</b>	<b>13,95</b>	<b>31,19</b>
	<b>55792</b>	<b>13,14</b>	<b>19,01</b>
<b>TAKE OFF</b>	<b>36287</b>	<b>13,94</b>	<b>31,19</b>
	<b>57140</b>	<b>13,14</b>	<b>18,26</b>
	<b>67585</b>	<b>18,43</b>	<b>29,22</b>
<b>LANDING</b>	<b>36287</b>	<b>13,94</b>	<b>31,19</b>
	<b>57140</b>	<b>13,14</b>	<b>18,26</b>
	<b>58740</b>	<b>13,94</b>	<b>19,56</b>

#### AFT

Specify applicability *	Weight	MAC	Index
<b>ZERO FUEL</b>	<b>36287</b>	<b>29,01</b>	<b>56,84</b>
	<b>45359</b>	<b>35,89</b>	<b>73,17</b>
	<b>55792</b>	<b>35,89</b>	<b>78,50</b>
<b>TAKE OFF</b>	<b>36287</b>	<b>26,90</b>	<b>53,24</b>
	<b>59997</b>	<b>35,89</b>	<b>80,65</b>
	<b>60781</b>	<b>35,89</b>	<b>81,05</b>
	<b>67585</b>	<b>31,66</b>	<b>71,12</b>
<b>LANDING</b>	<b>36287</b>	<b>29,01</b>	<b>56,84</b>
	<b>45359</b>	<b>35,89</b>	<b>73,17</b>
	<b>58740</b>	<b>35,89</b>	<b>80,01</b>

Remarks:

Allowable MTOW is published on sheet F1 and in document QRDD for each aircraft.

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information**  
**Centre of Gravity Limits**

**C**  
Sheet 5.1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**4 CENTRE OF GRAVITY CHARTS**

**4.1 CG — limits for loadsheet**

**Purposes**

Enter the forward 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: **STD - OK-CAC**

Envelope is: Certified:  Curtailed:

**FORWARD**

Specify applicability *	Weight	MAC	Index
<b>ZERO FUEL</b>	36287	18,52	38,98
	54658	16,35	27,86
	55792	16,8	19,01
<b>TAKE OFF</b>	36287	18,52	38,98
	54658	16,35	27,86
	57140	17,23	29,20
	58740	17,91	30,49
	67585	21,89	40,15
<b>LANDING</b>	36287	18,52	39,98
	54658	16,35	27,86
	57140	17,23	29,20
	58740	17,91	30,49

**AFT**

Specify applicability *	Weight	MAC	Index
<b>ZERO FUEL</b>	36287	27,02	53,45
	45359	34,30	69,79
	55792	34,59	75,10
<b>TAKE OFF</b>	36287	24,90	49,85
	56257	33,14	71,49
	60781	33,41	73,99
	67585	28,48	61,04
<b>LANDING</b>	36287	27,02	53,45
	45359	34,30	69,78
	55792	34,59	75,11
	58740	34,66	76,62

Remarks:

Allowable MTOW is published on sheet F1 and in document QRDD for each aircraft.

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information**  
**Centre of Gravity Limits**

**C**

Sheet 6

Seat Config: <b>140Y</b>	Aircraft Type: <b>220-300</b>	<b>Carrier</b>  <b>OK</b>
Load Config:	Registrations: <b>OK-CAC</b>	

**4,2 Curtailments**

To be used if manufacturers envelope is supplied

Type / Name	Specify Applicability*					Fwd		AFT		Sum of Square Y/N	Applicability Rule
	TA	TO	LD	ZF	IN	% MAC	Index	% MAC	Index		
Average Bag Weight Standard Deviation											
Cargo Compartment Out of Centre											
Compartment or Hold Loading of Cargo											
Std Dist-Default Fuel Density <b>STANDARD</b>											
Std Dist-Fuel Critical Point Error <b>STANDARD</b>											
Std Dist-Inflight Use of Fuel <b>STANDARD</b>											
Std Dist-LMC of Fuel <b>STANDARD</b>											
Non STD Fuel Dist-Default Fuel Density											
Non STD Fuel Dist-Fuel Critical Point Error											
Non STD Fuel Dist-Inflight Use of Fuel											
Non STD Fuel Dist-LMC of Fuel											
Inflight Movement of Potable Water											
Last Minute Change of Load											
Movement of Major Aircraft Components											
Unknown Pax Type in Seat											
135Y: Average Pax Wt Std Dev											
135Y: Inflight Movement of Pax											
135Y: Pax Trim by Cabin Section											

\* TA = Taxi Limit, TO = Take Off Limit, LD = Landing Limit, ZF = Zero Fuel Limit, IN = Inflight Limit

Remarks:

Enter any comments here...

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Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information**  
**Ideal Trim Line and Tipping Limits**

**C**

Sheet 7

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**4,3 Ideal Trim Line / Area**

Specify Ideal Trim Line

Table Name

Condition:

From:  To:  Type:

Weight	Ideal Trim Line		Index	Ideal Trim Area - Aft	
	%MAC/RC	Index		%MAC/RC	Index

Remarks:

Enter any comments here...

**4,4 Tipping Limits**

Table Name

Condition:

From:  To:  Type:

Weight	%MAC/RC	Index

Remarks:

Enter any comments here...

**4,5 Lateral Imbalance Limits**

Table Name

Condition:

From:  To:  Type:

Lateral Imbalance Unit

Lateral Imbalance	Weight	Type*

\* Specify aircraft weight type: Taxi, Takeoff, Landing

Remarks:

Enter any comments here...

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Aircraft Information  
Fuel

C

Sheet 8

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

## 5 FUEL

### 5.1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name:  Tank Available For Standard Distributions:

Max Volume:  Tank Available For Non-Std Distributions:

Max Weight:

Fuel Density:  Fuel Density Range: Min:  Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Wt (FD 0,809)		
400	324	21,516	-0,09
800	647	21,52	-0,18
1200	971	21,539	-0,25
1600	1294	21,561	-0,30
2000	1618	21,579	-0,34
2400	1942	21,593	-0,37
2800	2265	21,603	-0,41
3200	2589	21,613	-0,43
3600	2912	21,626	-0,44
4000	3236	21,646	-0,41
4400	3560	21,674	-0,33
4800	3883	21,713	-0,17
5200	4207	21,762	0,07
5600	4530	21,821	0,41
6000	4854	21,886	0,83
6400	5178	21,955	1,33
6800	5501	22,027	1,90
7200	5825	22,102	2,56
7540	6100	22,17	3,19

Remarks (Use free text to specify any non-standard procedures not covered by the table):

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Aircraft Information  
Fuel

C

Sheet 8.1

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

5 FUEL

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name:

Tank Available For Standard Distributions:

Max Volume:

Tank Available For Non-Std Distributions:

Max Weight:

Fuel Density:

Fuel Density Range: Min:  Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Wt (FD 0,809)		
400	324	20,783	-0,39
800	647	20,66	-0,87
1200	971	20,573	-1,41
1600	1294	20,512	-1,98
2000	1618	20,469	-2,57
2400	1942	20,439	-3,15
2800	2265	20,416	-3,74
3200	2589	20,399	-4,33
3600	2912	20,383	-4,93
4000	3236	20,369	-5,53
4400	3560	20,355	-6,15
4800	3883	20,34	-6,78
5200	4207	20,326	-7,42
5600	4530	20,312	-8,07
6000	4854	20,298	-8,73
6400	5178	20,286	-9,39
6800	5501	20,276	-10,04
7200	5825	20,267	-10,70

Remarks (Use free text to specify any non-standard procedures not covered by the table):

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Aircraft Information  
Fuel

C

Sheet 8.2

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

5 FUEL

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name:

Tank Available For Standard Distributions:

Max Volume:

Tank Available For Non-Std Distributions:

Max Weight:

Fuel Density:

Fuel Density Range: Min:  Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Wt (FD 0,809)		
7600	6148	20,26	-11,3
8000	6472	20,256	-12,0
8400	6796	20,253	-12,6
8800	7119	20,252	-13,2
9200	7443	20,252	-13,8
9600	7766	20,252	-14,4
10000	8090	20,251	-15,0
10400	8414	20,249	-15,6
10800	8737	20,245	-16,3
11200	9061	20,239	-17,0
11600	9384	20,23	-17,7
12000	9708	20,219	-18,4
12400	10032	20,208	-19,2
12800	10355	20,196	-19,9
13200	10679	20,189	-20,6
13600	11002	20,189	-21,3
13968	11300	20,2	-21,7

Remarks (Use free text to specify any non-standard procedures not covered by the table):

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information**  
**Fuel**

**C**

Sheet 9

**Carrier**

Seat Config: **140Y**

Aircraft Type: **220-300**

Load Config:

Registrations: **OK-CAC**

**OK**

**5,2 Effect of Fuel - Cumulative**

Enter fueling procedure information.

Procedure Name:	<input type="text"/>	Tank Available For Standard Distributions:	<input type="checkbox"/>
Max Volume:	<input type="text"/>	Tank Available For Non-Std Distributions:	<input type="checkbox"/>
Max Weight:	<input type="text"/>		
Fuel Density:	<input type="text"/>	Min:	<input type="text"/>
		Max:	<input type="text"/>
Applicable Dist:	<input type="text"/>		

Fuel Quantity		Balance Arm	Index
Volume	Weight		

Remarks (Use free text to specify any non-standard procedures not covered by the table.):

Enter any comments here...

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**



AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Aircraft Information  
Fuel

C

Sheet 10

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

5,3 Fuel Distribution

Supply fueling sequence if individual tanks used.

Distribution name: **STANDARD**

Maximum Volume:

Maximum Weight:

Fuel Density:

Sequence	Fuel range			Tank Name(s)	Quantity		Ratio
	From	To	Vol or Wt		Volume	Weight	

If fuel burn sequence is not the reverse of the loading sequence complete additional table 5.2 for the fuel burn sequence

Remarks (Use free text to specify any non-standard procedures not covered by the table.):

Enter any comments here...

5,4 Taxi fuel

Station or default	Standard Taxi Fuel Weight	Default burn order *	
	<b>150 *</b>		

\* Indicate tanks from which taxi fuel is burned considering all fuel loading conditions

Remarks:

\* Above noted value is the maximal Taxi fuel weight in the case of MTOW is reached !!

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(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11.1

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB										
	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	
36287	1,89	1,65	1,42	1,30	1,30	1,30	1,30	1,30			
38102	2,24	2,00	1,76	1,52	1,31	1,31	1,31	1,31	1,31		
39916	2,59	2,34	2,10	1,86	1,62	1,38	1,30	1,30	1,30	1,30	
41730	2,91	2,66	2,42	2,17	1,92	1,67	1,42	1,30	1,30	1,30	
43545	3,21	2,96	2,70	2,44	2,18	1,93	1,67	1,41	1,30	1,30	
45359	3,52	3,25	2,98	2,72	2,45	2,18	1,91	1,65	1,38	1,30	
47174	3,67	3,40	3,14	2,87	2,60	2,34	2,07	1,81	1,54	1,30	
48988	3,82	3,56	3,29	3,03	2,76	2,50	2,23	1,96	1,70	1,43	
50802	3,98	3,71	3,45	3,18	2,92	2,65	2,39	2,12	1,86	1,59	
52617	4,13	3,87	3,60	3,34	3,07	2,81	2,55	2,28	2,02	1,75	
54431	4,28	4,02	3,76	3,49	3,23	2,97	2,70	2,44	2,18	1,91	
56245	4,44	4,17	3,91	3,65	3,39	3,12	2,86	2,60	2,34	2,07	
58060	4,59	4,33	4,07	3,80	3,54	3,28	3,02	2,76	2,50	2,23	
59874	4,74	4,47	4,20	3,93	3,66	3,39	3,13	2,86	2,59	2,32	
61689	4,83	4,56	4,28	4,01	3,73	3,46	3,18	2,90	2,63	2,35	
63503	4,88	4,60	4,32	4,05	3,77	3,49	3,21	2,93	2,66	2,38	
65317	4,93	4,65	4,37	4,09	3,81	3,53	3,24	2,96	2,68	2,42	
67132	4,98	4,70	4,41	4,13	3,84	3,56	3,28	2,99	2,88		
67585	4,99	4,71	4,42	4,14	3,85	3,57	3,28	3,03			

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB										
	13%	14%	15%	16%	17%	18%	19%	20%	21%	22%	
36287	4,00	4,00	3,77	3,53	3,30	3,06	2,83	2,59	2,36	2,12	
38102	4,40	4,38	4,14	3,90	3,67	3,43	3,19	2,95	2,71	2,47	
39916	4,80	4,76	4,52	4,28	4,04	3,79	3,55	3,31	3,07	2,83	
41730	5,19	5,15	4,90	4,65	4,40	4,15	3,90	3,66	3,41	3,16	
43545	5,60	5,53	5,27	5,02	4,76	4,50	4,24	3,99	3,73	3,47	
45359	6,00	5,92	5,65	5,39	5,12	4,85	4,58	4,32	4,05	3,78	
47174	6,17	6,07	5,80	5,53	5,27	5,00	4,73	4,47	4,20	3,94	
48988	6,33	6,21	5,95	5,68	5,42	5,15	4,89	4,62	4,35	4,09	
50802	6,50	6,36	6,09	5,83	5,56	5,30	5,04	4,77	4,51	4,24	
52617	6,67	6,51	6,24	5,98	5,71	5,45	5,19	4,92	4,66	4,39	
54431	6,84	6,65	6,39	6,13	5,86	5,60	5,34	5,07	4,81	4,55	
56245	7,00	6,80	6,54	6,27	6,01	5,75	5,49	5,22	4,96	4,70	
58060	7,00	6,95	6,68	6,42	6,16	5,90	5,64	5,37	5,11	4,85	
59874		7,00	6,88	6,62	6,35	6,08	5,81	5,54	5,27	5,00	
61689			6,91	6,76	6,48	6,21	5,93	5,66	5,38	5,11	
63503				6,73	6,55	6,27	5,99	5,72	5,44	5,16	
65317					6,54	6,34	6,05	5,77	5,49	5,21	
67132						6,35	6,11	5,83	5,55	5,26	
67585							6,12	5,84	5,56	5,27	

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**

Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11.2

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB									
	33%	34%	35%	36%						
36287										
38102										
39916										
41730	1,30	1,30								
43545	1,30	1,30	1,30							
45359	1,30	1,30	1,30	1,30						
47174	1,30	1,30	1,30	1,30						
48988	1,30	1,30	1,30	1,30						
50802	1,33	1,30	1,30	1,30						
52617	1,49	1,30	1,30	1,30						
54431	1,65	1,39	1,30	1,30						
56245	1,81	1,55	1,30	1,30						
58060	1,97	1,71	1,45	1,30						
59874	2,05	1,78	1,51	1,30						
61689	2,08	1,80	1,53	1,52						
63503	2,10	1,97								
65317	2,42									
67132										
67585										

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11.3

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB										
	13%	14%	15%	16%	17%	18%	19%	20%	21%	22%	
36287	4,00	4,00	3,77	3,53	3,30	3,06	2,83	2,59	2,36	2,12	
38102	4,40	4,38	4,14	3,90	3,67	3,43	3,19	2,95	2,71	2,47	
39916	4,80	4,76	4,52	4,28	4,04	3,79	3,55	3,31	3,07	2,83	
41730	5,19	5,15	4,90	4,65	4,40	4,15	3,90	3,66	3,41	3,16	
43545	5,60	5,53	5,27	5,02	4,76	4,50	4,24	3,99	3,73	3,47	
45359	6,00	5,92	5,65	5,39	5,12	4,85	4,58	4,32	4,05	3,78	
47174	6,20	6,09	5,83	5,56	5,29	5,02	4,76	4,49	4,22	3,95	
48988	6,39	6,27	6,00	5,73	5,46	5,19	4,93	4,66	4,39	4,12	
50802	6,59	6,44	6,17	5,90	5,64	5,37	5,10	4,83	4,56	4,29	
52617	6,78	6,61	6,35	6,08	5,81	5,54	5,27	5,00	4,73	4,46	
54431	6,98	6,79	6,52	6,25	5,98	5,71	5,44	5,17	4,90	4,63	
56245	7,17	6,96	6,69	6,42	6,15	5,88	5,61	5,34	5,07	4,80	
58060	7,20	7,13	6,86	6,59	6,32	6,05	5,78	5,51	5,24	4,97	
59874		7,20	7,08	6,81	6,54	6,27	6,00	5,73	5,46	5,19	
61689			7,20	7,05	6,78	6,51	6,24	5,97	5,70	5,43	
63503				7,20	7,03	6,76	6,49	6,22	5,94	5,67	
65317					7,20	7,00	6,73	6,46	6,18	5,91	
67132						7,20	6,97	6,70	6,42	6,15	
67585							7,00	6,73	6,45	6,18	

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11.4

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB										
	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	
36287	1,89	1,65	1,42	1,30	1,30	1,30	1,30	1,30			
38102	2,24	2,00	1,76	1,52	1,31	1,31	1,31	1,31	1,31		
39916	2,59	2,34	2,10	1,86	1,62	1,38	1,30	1,30	1,30	1,30	
41730	2,91	2,66	2,42	2,17	1,92	1,67	1,42	1,30	1,30	1,30	
43545	3,21	2,96	2,70	2,44	2,18	1,93	1,67	1,41	1,30	1,30	
45359	3,52	3,25	2,98	2,72	2,45	2,18	1,91	1,65	1,38	1,30	
47174	3,69	3,42	3,15	2,88	2,62	2,35	2,08	1,81	1,55	1,30	
48988	3,85	3,59	3,32	3,05	2,78	2,51	2,25	1,98	1,71	1,44	
50802	4,02	3,76	3,49	3,22	2,95	2,68	2,41	2,14	1,88	1,61	
52617	4,19	3,92	3,66	3,39	3,12	2,85	2,58	2,31	2,04	1,77	
54431	4,36	4,09	3,82	3,55	3,28	3,01	2,75	2,48	2,21	1,94	
56245	4,53	4,26	3,99	3,72	3,45	3,18	2,91	2,64	2,37	2,10	
58060	4,70	4,43	4,16	3,89	3,62	3,35	3,08	2,81	2,54	2,27	
59874	4,92	4,65	4,38	4,11	3,84	3,57	3,30	3,03	2,76	2,49	
61689	5,16	4,89	4,62	4,35	4,08	3,81	3,54	3,27	3,00	2,73	
63503	5,40	5,13	4,86	4,58	4,31	4,04	3,77	3,50	3,23	2,95	
65317	5,64	5,36	5,09	4,82	4,54	4,27	3,99	3,72	3,45	3,19	
67132	5,87	5,60	5,32	5,05	4,77	4,49	4,22	3,94	3,84		
67585	5,90	5,63	5,35	5,08	4,80	4,52	4,25	4,01			

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Aircraft Information  
Stabilizer and Trim Setting**

**C**

Sheet 11.5

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**6 STABILISER TRIM**

**6,1 Settings**

For each required Thrust rating and/or Flap setting, or range of ratings/settings, supply the following data:

MAC/RC  or Range (From)  (To)

Flaps setting  or Range (From)  (To)

Thrust rating  or Range (From)  (To)

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

Nose Indication	From	To

Enter the %MAC/RC values used and for each weight the corresponding stabilizer trim settings.

Take Off Weight	%MAC/RC and corresponding STAB									
	33%	34%	35%	36%						
36287										
38102										
39916										
41730	1,30	1,30								
43545	1,30	1,30	1,30							
45359	1,30	1,30	1,30	1,30						
47174	1,30	1,30	1,30	1,30						
48988	1,30	1,30	1,30	1,30						
50802	1,34	1,30	1,30	1,30						
52617	1,50	1,30	1,30	1,30						
54431	1,67	1,40	1,30	1,30						
56245	1,83	1,56	1,30	1,30						
58060	2,00	1,73	1,46	1,30						
59874	2,22	1,95	1,68	1,47						
61689	2,46	2,19	1,92	1,92						
63503	2,68	2,55								
65317	3,19									
67132										
67585										

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**  
Date: **20 MAR 2021**

**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information  
Dimensions and Limits**

**D**

Sheet 1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**1 DIMENSIONS AND LIMITS**

Deck	Maximum Weight	Volume	Lateral Arm		Balance Arm	
			From	To	FWD	AFT
Upper deck						
Main deck						
Lower deck						

**Note:** Where applicable include visual presentation of decks

Remarks:

Enter any comments here...

Completed by: **Bc. Lucie Wágnerová**  
(Signature)

Issue No: **1**

Date: **20 MAR 2021**



AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Configuration Information  
Holds

**D**

Sheet 2

Carrier

**OK**

Seat Config: **140Y**

Aircraft Type: **220-300**

Load Config:

Registrations: **OK-CAC**

## 2 HOLDS AND COMPARTMENTS

### 2,1 Bulk Holds

Deck Name:

Hold / Cpt Name	Max Weight	Volume	Lateral Arm			Balance Arm			Index per wt unit
			Centroid	From	To	Centroid	FWD	AFT	
<b>HOLD FWD</b>									
<b>CPT A</b>	800	3,65				11,11	9,967	12,253	
<b>CPT B</b>	1646	9				14,607	12,253	16,96	
<b>CPT A+B*</b>	2446	12,65				13,463	9,967	16,96	
<b>HOLD AFT</b>									
<b>CPT C</b>	1858	9,49				27,961	25,305	30,618	
<b>CPT D</b>	768	4,13				31,715	30,618	32,812	
<b>CPT E</b>	287	1,19				33,223	32,812	33,633	
<b>CPT C+D+E *</b>	2606	14,81				29,469	25,305	33,633	

\* The total load of each section must not exceed the maximum allowed for the compartment.

### 2,2 ULD Holds

Deck Name:

Hold / Cpt Name	Max Weight	Volume	Lateral Arm			Balance Arm			Index per wt unit
			Centroid	From	To	Centroid	FWD	AFT	

Remarks:

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Issue No: **1**  
Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Configuration Information  
ULD Configurations

**D**

Sheet 3

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

### 3 UNIT LOAD DEVICE (ULD) CONFIGURATIONS

#### 3,1 ULD Positions

Hold name:

Group ID / Config*	Position name	Max Weight	Lateral Arm			Balance Arm			Index per Wt Unit
			Centroid	From	To	Centroid	FWD	AFT	

Hold name:

Group ID / Config*	Position name	Max Weight	Lateral Arm			Balance Arm			Index per Wt Unit
			Centroid	From	To	Centroid	FWD	AFT	

\* Group ID used to identify ULD positions that are part of a string / stack. If the string / stack has a weight limitation then this has to be identified on a separate line by using the group ID as position name.

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information  
Doors, Locks, and Restraints**

**D**

Sheet 4

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

## 4 DOORS AND LOCKS

### 4.1 Doors

Door ID	Hold or Cabin Name	Balance Arm		Height	L / R / C *
		FWD	AFT		
FWD Service	Main Cabin	8,738	9,5	1,520	R
FWD PASSENGER	Main Cabin	9,169	10,033	1,880	L
OWEED	Main Cabin	19,571	20,121	0,550	L / R
AFT Service	Main Cabin	33,807	34,569	1,520	R
AFT PASSENGER	Main Cabin	33,807	34,569	1,830	L
FWD Cargo	FWD Hold	11,341	12,474	0,840	R
AFT Cargo	AFT Hold	29,215	30,348	0,840	R

\* Indicate L – Left, R – Right or C - Center

### 4.2 Lock Definition

ULD Position	Lateral Arm	Balance Arm	Type	Used For Other ULD Positions

### 4.3 Missing restraint rules

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

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information  
Cabin and Crew Locations**

**D**

Sheet 5

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**5 CABIN AND EQUIPMENT**

Cabins, crew, galleys, lavatories, diplomatic (DIP) lockers

**5,1 Cabin Definitions**

Section	Deck	Rows		Lateral Arm		Balance ARM			Index per Weight Unit
		From	To	From	To	Centroid	FWD	AFT	
0A		1	5			12,7	10,16	15,24	
0B		6	11			17,78	15,24	20,32	
0C		12	21			23,686	20,32	27,051	
0D		22	28			30,417	27,051	33,782	

**5,2 Flight Deck Locations**

Location	Deck	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
FD (PILOT)		2		6,883	
SN1 (OBS1)		1		7,899	

( ) - THE DESCRIPTION IS IN THE BRACKETS

**5,3 Cabin Crew Locations**

Include cabin crew locations if particular to configuration

Location	Deck	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
FWD Flt Att Station	Main	2		9,195	
AFT Flt Station (LAV)	Main	1		33,858	
AFT Flt Station (G4)	Main	1		34,569	

( ) - THE DESCRIPTION IS IN THE BRACKETS

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information  
Galley and Other Locations**

**D**

Sheet 6

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**5,4 Potable Water Locations**

Specify potable water tank locations

Tank Name	Max Weight	Lateral Centroid	Balance ARM			Index per Weight Unit
			Centroid	FWD	AFT	
Tank 1	158,8		34,973			

**5,5 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	FWD	AFT	
GALLEY	G1 FWD	238				8,382			
GALLEY	G2B FWD	399				9,982			
GALLEY	G4 AFT	626				35,052			
GALLEY	G4A AFT	463				35,128			
STOWAGE	RHS Cockpit	41				7,976			
STOWAGE	LHS Cockpit	18				7,976			
STOWAGE	Zone 4	61				10,287			
TOILET	Zone 2 - Lavatory A					8,839			
TOILET	Zone 8 - Lavatory E					35,179			

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**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information**  
**Seating Layout**

**D**

Sheet 7

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

## 6 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	N = No smoking
B = Bassinet position	O = Over wing seat
C = Crew seat	P = Stretcher location
E = Emergency exit	Q = Quiet zone
F = Bulkhead seat	S = Smoking
G = Groups	T = Near toilet
H = Incapacitated passenger	U = Unaccompanied minor
I = Infant preference row / seats	V = Seat left vacant / offered last
J = Rear facing seats	W = No movie
K = Near galley	X = Not available
L = Leg space seat	Y = Not fitted
M = Wheel chair	Z = Buffer zone

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

Example: FV = First class seat left vacant

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**AHM565**  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Configuration Information  
Saleable Configurations**

**D**

Sheet 9

Seat Config: <b>140Y</b>	Aircraft Type: <b>220-300</b>	<b>Carrier</b>  <b>OK</b>
Load Config:	Registrations: <b>OK-CAC</b>	

**6.3** Saleable Configurations  
Repeat 6.3 for each saleable configuration.

Saleable Configuration:  Code:

**6.3.1 Cabin Area Information**

Cabin Name	Number of Seats per Cabin Name and Class (specify classes below)						Total Per Cabin	Balance Arm			Index per Weight Unit
								Centroid	FWD	AFT	

**6.3.2 Class Information**

Class code	First Row	Last Row	Number of Seats	Lateral Arm		Balance ARM			Index per Weight Unit
				From	To	Centroid	FWD	AFT	
Y	1	28	140						

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Configuration Information  
Structural Limitations

**D**

Sheet 10

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

## 7 STRUCTURAL LIMITATIONS

### 7,1 Running (Linear Load Limits)

Table Name:

From:   Type:

Deck / Hold Name (or ALL)	Balance ARM		Limit Weight Per Distance
	From	To	

### 7,2 Cumulative Load Limits

Table Name:

Condition:

From:   Type:

Name	Zone		Max Weight	Max Cumulative	Fwd / Aft / Individual*
	From	To			

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Dry Operating Weight Build-Up

E

Sheet 1

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

1 AIRCRAFT START WEIGHT

Basic Weight

DOW

2 DRY OPERATING WEIGHT

2,1 Dry Operating Weight Specification

Item	Included	Remarks
Basic Weight	✓	It is without all crew weight !
Flight Deck Crew	✓	
Cabin Crew	✓	
Flight Deck Crew Baggage	✓	
Cabin Crew Baggage	✓	
Pantry	✓	
Containers	✗	
Pallets	✗	
Potable Water	✓	
Library	✓	

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

Remarks:

Enter any comments here...

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Issue No: **1**  
Date: **20 MAR 2021**



AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Dry Operating Weight Build-Up  
Crew and Pantry Codes**

**E**

Sheet 2.1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2,3 Pantry Codes**

Provide either full breakdown or total weight overall effect.

Pantry Code	Galley Location	Total Weight	Balance Arm	Index	Remarks
SCHEDULED	G1 FWD	75	8,382	-1,242983458	
FLIGHTS BOB	G2B FWD	175	9,982	-2,55311	
	G4 AFT	225	35,052	3,711653133	
	G4A AFT	125	35,128	2,073809	
	Water tank	159	34,973	2,607326591	
NO PANTRY	G1 FWD	0	8,382	0	
	G2B FWD	0	9,982	0	
	G4 AFT	0	35,052	0	
	G4A AFT	0	35,128	0	
	Water tank	159	34,973	2,607326591	
CS1	G1 FWD	85	8,382	-1,408714586	
	G2B FWD	185	9,982	-2,699	
	G4 AFT	273	35,052	4,503472468	
	G4A AFT	172	35,128	2,853561	
	Water tank	159	34,973	2,607326591	
CS2	G1 FWD	200	8,382	-3,314622554	
	G2B FWD	300	9,982	-4,37676	
	G4 AFT	265	35,052	4,371502578	
	G4A AFT	165	35,128	2,737428	
	Water tank	159	34,973	2,607326591	
CS2B	G1 FWD	110	8,382	-1,823042405	
	G2B FWD	210	9,982	-3,06373	
	G4 AFT	355	35,052	5,856163832	
	G4A AFT	255	35,128	4,23057	
	Water tank	159	34,973	2,607326591	
<b>Pantry code</b>	<b>Description</b>				<b>Meal type</b>
<b>SCHEDULED FLIGHTS BOB</b>	OK/SW - Scheduled flights (BuyOnBoard)				<b>BOB</b>

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Dry Operating Weight Build-Up  
Potable Water and Fixed Weights**

**E**

Sheet 3

Seat Config: <b>140Y</b>	Aircraft Type: <b>220-300</b>	<b>Carrier</b>  <b>OK</b>
Load Config:	Registrations: <b>OK-CAC</b>	

**2,4 Potable Water Codes**

Provide either full breakdown or total weight overall effect.

Potable Water Code	Tank Name	Weight	Index	Remarks
Full tank	Tank 1	158,8	2,61	

**2,5 Standard Service Weight Adjustment Codes**

Adjustment Code	Description	Weight	Balance Arm	Index	Remarks

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Limiting Weights

F

Sheet 1

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

1 AIRCRAFT LIMITING WEIGHTS

1,1 Maximum Weights Tables

Table Name:

Condition:

From:  To:  Type:

Weight Table Name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight	
STANDARD	OK-CAC	55792	58740	67585	68039	

Remarks

Enter any comments here...

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Limiting Weights

**F**

Sheet 2

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

## 1 AIRCRAFT LIMITING WEIGHTS

### 1,1 Maximum Weights Tables

Table Name:

Condition:

From:  To:  Type:

Weight Table Name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight	Remarks

[Click Here To Add Another Row To Table](#)

#### Remarks

Enter any comments here...

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Issue No: **1**  
Date: **20 MAR 2021**

**AHM565**  
 EDP SYSTEM  
 SEMI – PERMANENT DATA

**ULD Compatibility**

**G**

Sheet 1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**1 ULD COMPATABILITY**

Hold Name:

ULD compatibility, indicate which ULDs can OR cannot be loaded and any weight limitation

Y = Compatible or indicate restrictive weight (Y/nnnnn)

N = Not compatible

Applicability code, Y= compatible, N=Not compatible, or a number to indicate a restrictive weight.

Position Bay	Enter ULD Code below and then indicate applicability with entered positions									
	Half Width	Three Qtr Width	Full Width	88" Pallet	60" Pallet					

Example indicator: Y, N, or Y/1436 – The ULD is allowed but has a max weight limit of 1436  
 Note: ULD Codes are defined on sheet B5.

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Business Rules  
Special Loads**

**H**

Sheet 1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

## 1 SPECIAL LOADS

### 1,1 Exceptions to ICAO / IATA DGR Incompatibility Charts

List exceptions to ICAO / IATA DGR incompatibility charts.

### 1,2 Exceptions to IATA Special Load Incompatibility

### 1,3 Special Load

Hold Name:

Special Load Code	Position/ Hold	Maximum Quantity	Remarks

### 1,4 Additional Special Load Requirements

List any further business rules / requirements for special loads

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Business Rules  
Aircraft Specific**

**H**

Sheet 2

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2 BUSINESS RULES (OPTIONAL)**

**2,1 Aircraft Business Rules**

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Aircraft Subtype	Flight Number Range	Registration	Business Rule Output	
CSA	A319	See QRDD	All	Basic Weight Name	

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Subtype Name	Departure Airport	Arrival Airport	AC Registration	Flight Number Range	Day Of Week	Template Flight Type	Departure Time	Effective From	Effective To	Business Rule Output	
											Maximum Weights Name	

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Subtype Name	Flight Number Range	Template Flight Type	Market Origin	Market Destination	Day Of Week	Business Rule Output					
							Autoload Theme Name					

Add Another Rule

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Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Business Rules  
Aircraft Specific**

**H**

Sheet 2.1

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2 BUSINESS RULES (OPTIONAL)**

**2,1 Aircraft Business Rules**

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Subtype Name	ACV	Fitted Config (INV)	Market Origin	Market Destination	Flight No Range	Day of Week	Effective From	Effective To	Business Rule Output	
											Fitted Interior Name

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Aircraft Type	Market Origin	Market Destination	Flight No Range	Fitted Config	Flight No Range	Day of Week	Effective From	Effective To	STD From	STD To	Business Rule Output	
													Aircraft Subtype

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Carrier	Subtype Name	Fitted Interior Name	Market Origin	Market Destination	Registration	Template Flight Type	Flight No Range	Day of Week	Effective From	Effective To	STD From	STD To	Business Rule Output	
													Distribution	
													Pilots	3
													Cabin Crew	8

Add Another Rule

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Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Business Rules  
Aircraft Specific**

**H**

Sheet 2.2

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**2 BUSINESS RULES (OPTIONAL)**

**2,1 Aircraft Business Rules**

Business Rule Name **Dry Operating Weight Name Rule**

AHM565 Sheet  Ref:

Carrier	Subtype Name	Market Origin	Market Destination	Template Flight Type	Flight Number Range	Day of Week	Effective From	Effective To	STD From	STD To	Business Rule Output
											DOW Operating Name

Add Another Rule

Business Rule Name **Fuel Density Update Rule**

AHM565 Sheet **N/A** Ref: **N/A**

Operating Airline	Aircraft Subtype	Market Origin	Market Destination	Flight No Range	Business Rule Output
					Fuel Density Update Allowed

Add Another Rule

Business Rule Name **Fuel Standard Distribution Name Rule**

AHM565 Sheet **C10** Ref: **5,3**

Carrier	Subtype Name	Market Origin	Market Destination	Registration	Business Rule Output

Add Another Rule

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Date: **20 MAR 2021**

AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

Business Rules  
Aircraft Specific

H

Sheet 2.3

Seat Config: **140Y**

Aircraft Type: **220-300**

Carrier

Load Config:

Registrations: **OK-CAC**

**OK**

2 BUSINESS RULES (OPTIONAL)

2,1 Aircraft Business Rules

Business Rule Name **Pantry Code Rule**

AHM565 Sheet **E2**

Ref: **2,3**

Carrier	Subtype Name	Fitted Interior Name	Market Origin	Market Destination	Registration	Template Flight Type	Flight No Range	Day Of Week	Effective From	Effective To	STD From	STD To	Business Rule Output
													Pantry Code

Business Rule Name **Predicted ZFW Fuel Split Rule**

AHM565 Sheet

Ref:

Carrier	Market Origin	Market Destination	Subtype Name	Flight No Range	ZFW	ZFW%MAC	Business Rule Output
							ZFW
							ZFW%MAC

Business Rule Name **Taxi Fuel Rule**

AHM565 Sheet **C10**

Ref: **5,4**

Carrier	Market Origin	Market Destination	Aircraft Type	Aircraft Subtype	Template Flight Type	Business Rule Output
						Taxi Fuel Category

Business Rule Name **ULD Capacity Rule**

AHM565 Sheet

Ref:

Carrier	Market Origin	Market Destination	Subtype Name	Fit No Range	Day Of Week	Template Flight Type	Effective From	Effective To	ULD Category	ULD Type	Business Rule Output
											ULD Category

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AHM565  
EDP SYSTEM  
SEMI – PERMANENT DATA

**Business Rules**  
**Carrier / Airline General**

**H**

Sheet 3

Seat Config: **140Y**

Aircraft Type: **220-300**

**Carrier**

Load Config:

Registrations: **OK-CAC**

**OK**

**3 BUSINESS RULES (OPTIONAL)**

**3,1 Carrier / Airline General Business Rules**

Business Rule Name

**Passenger Weights**

AHM565 Sheet

**B3**

Ref:

**3,2**

Flight Nbr / Range	Dep Port	Arr Port	Day of Week	Start Date	End Date	Dep Time	IATA Op Type	Aircraft Subtype	Aircraft Registration	Cabin Layout	Business Rule Output	
											Weight Name	

Business Rule Name

**Passenger Gender**

AHM565 Sheet

Ref:

Flight Nbr / Range	Dep Port	Arr Port	Day of Week	Start Date	End Date	Dep Time	IATA Op Type	Aircraft Subtype	Aircraft Registration	Cabin Layout	Business Rule Output	
											ACI	
											MFCI	

Business Rule Name

**Baggage Type**

AHM565 Sheet

Ref:

Flight Nbr / Range	Dep Port	Arr Port	Day of Week	Start Date	End Date	Dep Time	IATA Op Type	Aircraft Registration	Cabin Layout	Saleable Layout	Operating Product	Day / Night Indicator	Business Rule Output	
													Pieces Only	<b>Y</b>
													Pieces & Wt	<b>N</b>

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