AHM565	
EDP SYSTEM	
SEMI - PERMANENT [ATAC

Contact and Message Information Supplier Contacts

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Sheet 1

Carrier

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1	CLIDDI	IEDIG	CONTACTS	9
1	SUPPL	JEK 3	CONTACT	Э.

Completed sheets	and changes	of hasic data	and procedure	must ha	forwarded to:
Completed sneets	and changes	or pasic data	and brocedure	must be	iorwarded to.

201-203, Kharkivske Rd.		
Kyiv, 02121, UKRAINE		
Ukraine International Airlines		
Ground Handling Department		
rel: +380 44 593-76-49		
TELETYPE ADDRESSES:		
KBPRDPS		
E-MAIL ADDRESSES:		
E-MAIL ADDRESSES: weight-balance@flyuia.com		
weight-balance@flyuia.com		
weight-balance@flyuia.com		
weight-balance@flyuia.com		
weight-balance@flyuia.com AHM565-DB@flyuia.com	Direct data transmitted	
weight-balance@flyuia.com	Direct data transmitted E-Document	
weight-balance@flyuia.com AHM565-DB@flyuia.com	Direct data transmitted E-Document X Hard Copy Doc	
weight-balance@flyuia.com AHM565-DB@flyuia.com	E-Document X	
weight-balance@flyuia.com AHM565-DB@flyuia.com DATA TRANSFER METHOD:	E-Document X Hard Copy Doc	
weight-balance@flyuia.com AHM565-DB@flyuia.com	E-Document X Hard Copy Doc	
weight-balance@flyuia.com AHM565-DB@flyuia.com DATA TRANSFER METHOD:	E-Document X Hard Copy Doc	

Checked by: A.Zubkov

06 / 08 / 19 Date:

AHM565	
EDP SYSTEM	
SEMI - PERMANENT DA	ΛTΑ

Contact and Message Information Carrier Contacts

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Sheet 2
Carrier

PS

Rev.1

2 CARRIER'S CONTACTS

CARRIER'S CONTACTS	
Database output and related material ((e.g. test loadsheets) must be forwarded to:
MAILING ADDRESS: (INC. TEL & FA	X)
201-203, Kharkivske Rd.	^)
Kyiv, 02121, UKRAINE	
Tryliv, 62121, Gradultu	
Ukraine International Airlines	
Ground Handling Department	
tel: +380 44 593-76-49	
TELETYPE ADDRESSES:	
KBPRDPS	
- · · · · · · · · · · · · · · · · · · ·	
E-MAIL ADDRESSES:	
weight-balance@flyuia.com	
DATA TRANSFER METHOD:	Direct data transmitted
	E-Document X
	Hard Copy Doc
	Other (Specify)
Remarks:	

Completed by: A.Salamutin Issue No: 1

 Checked by:
 A.Zubkov
 Date:
 06
 / 08
 / 19

AHM565	
EDP SYSTEM	
SEMI - PERMANENT [ATAC

List of Revisions

A	١
-	_

Sheet 3
Carrier

PS

3 LIST OF REVISIONS

The issue number and the date are mandatory.

Document Issue Number	Revision Number	Related Date (YYYYMMDD)	Completed by	Reason*	Changes Overview**
1	0	12.07.2018	A.Zubkov	New Issue	New Issue
1	1	2019 08 06	A.Salamutin	Changed crew seats	A1,A2,A3,A4.1- 4.2,D5,D8.1- 8.10,E2, Att.1-2
+					

^{*} Short description of changes

Completed by: A.Salamutin

Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: 06 / 08 / 19

^{**} If issue number changes, "Update Complete Document", else"N/U/D section sheet paragraph".

AHM565	
EDP SYSTEM	
SEMI - PERMANEN	T DATA

List of Effective Sheets

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Sheet 4.1

Carrier

PS

4 LIST OF EFFECTIVE SHEETS

The issue number and the date are mandatory.

Section	Sheet	Multiple Page Identifier	Sheet Issue Number	Date (YYYYMMDD)
Section A	Sheet 1		Issue 1 Rev.1	2019 08 06
Section A	Sheet 2		Issue 1 Rev.1	2019 08 06
Section A	Sheet 3		Issue 1 Rev.1	2019 08 06
Section A	Sheet 4.1		Issue 1 Rev.1	2019 08 06
Section A	Sheet 4.2		Issue 1 Rev.1	2019 08 06
Section A	Sheet 5		Issue 1	2018 07 12
Section B	Sheet 1		Issue 1	2018 07 12
Section B	Sheet 2		Issue 1	2018 07 12
Section B	Sheet 3		Issue 1	2018 07 12
Section B	Sheet 4		Issue 1	2018 07 12
Section B	Sheet 5		Issue 1	2018 07 12
Section C	Sheet 1		Issue 1	2018 07 12
Section C	Sheet 2		Issue 1	2018 07 12
Section C	Sheet 3		Issue 1	2018 07 12
Section C	Sheet 4		Issue 1	2018 07 12
Section C	Sheet 5		Issue 1	2018 07 12
Section C	Sheet 6		Issue 1	2018 07 12
Section C	Sheet 7		Issue 1	2018 07 12
Section C	Sheet 8.1		Issue 1	2018 07 12
Section C	Sheet 8.2		Issue 1	2018 07 12
Section C	Sheet 8.3		Issue 1	2018 07 12
Section C	Sheet 8.4		Issue 1	2018 07 12
Section C	Sheet 8.5		Issue 1	2018 07 12
Section C	Sheet 8.6		Issue 1	2018 07 12
Section C	Sheet 8.7		Issue 1	2018 07 12
Section C	Sheet 8.8		Issue 1	2018 07 12
Section C	Sheet 9.1		Issue 1	2018 07 12
Section C	Sheet 9.3		Issue 1	2018 07 12
Section C	Sheet 9.4		Issue 1	2018 07 12
Section C	Sheet 9.5		Issue 1	2018 07 12
Section C	Sheet 10		Issue 1	2018 07 12
Section C	Sheet 11		Issue 1	2018 07 12
Section D	Sheet 1		Issue 1	2018 07 12
Section D	Sheet 2		Issue 1	2018 07 12
Section D	Sheet 3		Issue 1	2018 07 12
Section D	Sheet 4		Issue 1	2018 07 12

Completed by: A.Salamutin

Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: 06 / 08 / 19

AHM565	
EDP SYSTEM	
SEMI - PERMANENT [ATAC

List of Effective Sheets

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Sheet 4.2 Carrier

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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 5		Issue 1 Rev.1	2019 08 06
Section D	Sheet 6		Issue 1	2018 07 12
Section D	Sheet 7		Issue 1	2018 07 12
Section D	Sheet 8.1		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.2		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.3		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.4		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.5		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.6		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.7		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.8		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.9		Issue 1 Rev.1	2019 08 06
Section D	Sheet 8.10		Issue 1 Rev.1	2019 08 06
Section D	Sheet 9		Issue 1	2018 07 12
Section D	Sheet 10		Issue 1	2018 07 12
Section D	Sheet 11		Issue 1	2018 07 12
Section E	Sheet 1		Issue 1	2018 07 12
Section E	Sheet 2		Issue 1 Rev.1	2019 08 06
Section E	Sheet 3		Issue 1	2018 07 12
Section E	Sheet 4		Issue 1	2018 07 12
Section E	Sheet 5		Issue 1	2018 07 12
Section F	Sheet 1		Issue 1	2018 07 12
Section F	Sheet 2		Issue 1	2018 07 12
Section G	Sheet 1		Issue 1	2018 07 12
Section H	Sheet 1		Issue 1	2018 07 12
Section H	Sheet 2		Issue 1	2018 07 12
Section H	Sheet 3		Issue 1	2018 07 12
Attachment 1			Issue 1 Rev.1	2019 08 06
Attachment 2			Issue 1 Rev.1	2019 08 06

Completed by: A.Salamutin

Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: <u>06</u> / <u>08</u> / <u>19</u>

AHM565
EDP SYSTEM
SEMI - PERMANENT DATA

Documents and Messages

Α

Sheet 5
Carrier

PS

5 AUTOMATICALLY PRODUCED DOCUMENTS

(tick as required)

X LOADSHEET

X LOADING INSTRUCTION/REPORT

X NOTOC

X PASSENGER INFO LIST

SEATPLAN

6 MESSAGE REQUIREMENTS

(tick as required)

ALI Abbreviated Load Information M	lessage AHM 5	84

CPM Container/Pallet Distribution Message AHM 587

X DIV Diversion Message AHM 781

FMM Fuel Monitoring Message AHM 782

IDM Industry Discount Message Recommended Practice 1714

X LDM Load Message AHM 583

MVT Movement Message AHM 011 and 780

PFS Passenger Final Sales Message Recommended Practice 1719 (dispatch only)

X PNL/ADL Passenger Name List, and Additions and Deletions List

(Recommended Practice 1708) (acceptance only)

X PSM Passenger Service Message Recommended Practice 1715 (dispatch only)

X PTM Passenger Transfer Message Recommended Practice 1718

RQL Request List Message Recommended Practice 1709 (dispatch only)

X 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)

X 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.

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.

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1.0

Date: 12 / 07 / 18

AHM565
EDP SYSTEM
SEMI - PERMANENT DATA

Standards Carrier Units and Codes

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Sheet 1
Carrier

PS

1 STANDARD UNITS AND CODES

1,1 Definition of airline units of measure

Unit	Measurement (tick one for each unit)	
Weight:	XKilogram	Pound
Volume:	X Cubic Metre	Cubic Feet

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
С	1	Bussiness
S	2	Economy

1,3 Airline defined information load codes

Define airline unique load information codes here.

Airline Load Information Code	Description
BY	Local Non-Priority Baggage
BC	Local Priority Baggage
ВТ	Other Transfer Baggage
BS	Short Connection Baggage
BX	Unattached (Rush) Baggage
D	Crew Baggage

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u>/<u>07</u>/<u>18</u>

AHM565	
EDP SYSTEM	
SEMI - PERMANENT DA	ΛTΑ

Standards Crew and Baggage Weights

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Sheet 2
Carrier

PS

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/	LREVIA	NIJGREW	/ BAUUAU	C MCK1012

2,1 Crew weights

	Gender	Flight Deck (Crew Weights	Cabin Cre	w Weights
Description*		Crew	Hand Baggage	Crew	Hand Baggage
STANDARD	М	85		75	
	F	85		75	

* descriptions 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 Baggage	Cabin Crew Baggage

^{*} Variations may include domestic, international, charter, route, etc.

Remarks:

Actual weight must be applied for checked crew baggage and included in Total Traffic Load	(
not DOW)	

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Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u>/<u>07</u>/<u>18</u>

AHM565
EDP SYSTEM
SEMI - PERMANENT DATA

Standards Passenger and Carry-on Weights

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Sheet 3

Carrier

PS

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D i	d	Autot	Mala	F	01-11-1	lusta ust	Hand
Descrip		Adult	Male	Female	Child	Infant	Bagga
STAND	ARD AY CHARTER	84 76	88	70 69	35 35	0	
TIOLIDA	AT OHARTER	70	00	03	55		1
				†			1
	ns may include domestic, international,				ν.	'es No	
Remark Holiday	hand baggage weight must be used. (s (conditions for oversize, etc): charter is a charter flight solely for details)	intended as an	element	of a holida	y travel p	oackage (see JAR
Remark Holiday OPS 1	as (conditions for oversize, etc): charter is a charter flight solely for details)		element	of a holida	y travel p	oackage (see JAR
Remark Holiday OPS 11	as (conditions for oversize, etc): charter is a charter flight solely for details) ager / Hand Baggage Weights	by Class		of a holida	y travel p	oackage (see JAF
Remark Holiday OPS 1 1	as (conditions for oversize, etc): charter is a charter flight solely for details)	by Class		of a holida	y travel p	package (
Remark Holiday OPS 1 the Passen Enter st	as (conditions for oversize, etc): charter is a charter flight solely for details) ger / Hand Baggage Weights tandard passenger weights, follo	by Class bwed by any val	iations.				
Remark Holiday OPS 1 the Passen Enter st	as (conditions for oversize, etc): charter is a charter flight solely for details) ger / Hand Baggage Weights tandard passenger weights, follo	by Class bwed by any val	iations.				
Remark Holiday OPS 1 the Passen Enter st	as (conditions for oversize, etc): charter is a charter flight solely for details) ger / Hand Baggage Weights tandard passenger weights, follo	by Class bwed by any val	iations.				
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Remark Holiday OPS 1 the Passen Enter st	as (conditions for oversize, etc): charter is a charter flight solely for details) ger / Hand Baggage Weights tandard passenger weights, follo	by Class bwed by any val	iations.				See JAR
Passen Enter st	cs (conditions for oversize, etc): charter is a charter flight solely for details) ager / Hand Baggage Weights candard passenger weights, follo Standard/variations*	by Class owed by any var Adult	iations.				
Passen Enter st	as (conditions for oversize, etc): charter is a charter flight solely for details) ger / Hand Baggage Weights tandard passenger weights, follo	by Class owed by any var Adult	iations.		Child	Infant	
Remark Holiday OPS 1 1 Passen Enter st Class * Variation Hand bag	cs (conditions for oversize, etc): charter is a charter flight solely for details) ager / Hand Baggage Weights candard passenger weights, follo Standard/variations*	by Class owed by any var Adult charter, route, etc.	riations. Male	Female	Child		
Remark Holiday OPS 1 1 Passen Enter st Class * Variation Hand bag	cs (conditions for oversize, etc): charter is a charter flight solely for details) ager / Hand Baggage Weights candard passenger weights, follo Standard/variations*	by Class owed by any var Adult charter, route, etc.	riations. Male	Female	Child	Infant	

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

12 / 07 / 18 Date:

AHM565	
EDP SYST	ГЕМ
SEMI - PE	RMANENT DATA

Standards Baggage Weights and Planning

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Sheet 4

Carrier

PS

Enter standard baggage weights, followed by any variations.

Description *	Class	Weight per Piece	Weight per Passenger
Standard		Actual	Actual
International (Europe)		13	13
Intercontinental		15	15
Domestic		11	11

* Variations may include domestic, international , charter, route, etc.
Enter "actual" if standard weight not permitted.
Remarks (conditions for Oversize etc.):

3,4 Planning assumptions

Enter standard baggage weights, followed by any variations.

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

 $[\]ensuremath{^{\star}}$ Variations may include domestic, international , charter, route, etc.

Remarks			

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Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u> / <u>07</u> / <u>18</u>

AHM565
EDP SYSTEM
SEMI - PERMANENT DATA

Standards ULD Specifications

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Sheet 5
Carrier

PS

4	U	l De

4,1	ULD	Specifications

ULD Type	Default*	Begin Serial Number	End Serial Number	Owner Code	Tare Weight	Max Weight	Max Volume
				0000			7 0 10 11 11
	+						

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

Remarks			

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u> / <u>07</u> / <u>18</u>

EMI – PERMANEN	IT DATA		Aircraft Information Units of Measurement				
eat Config: 104S		Aircraft Type:	E-190STD	Sheet 1 Carrier			
oad Config:				PS			
AIRCRAFT	TYPE OR FLEET						
	Manufacturer: EMBF	RAER	Aircraft Manufacturer				
	Aircraft type: 190		IATA or ICAO aircraft type of	code			
Seri	es or subtype: E-190	STD	Also referred to as suffix in	the IATA SSIM manual			
,	Aircraft Name:		Aircraft type as it appears o	n the loadsheet			
1 Definitions of	Aircraft Units of Me	asure					
	Unit	Measurement (tick	one for each unit)				
	Weight	X Kilograms	US Pounds				
	Length	Centimeters X Metres	Inches Feet				
	Liquid Volume	X Litres	US Gallons				
	Volume	X Cubic Metres	Cubic Feet				
	Fuel Density	KG / Litre	LB / Litre				
	Moments	KG Inches KG Centimeters X KG Metres	LB Inches LB Centimeters LB Metres				
	Tick as appropriate		<u> </u>				
Remarks:							

Completed by: A.Zubkov Issue No: 1,0

 Checked by:
 V.Pysaruk
 Date:
 12
 / 07
 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Aircraft Information Loadsheet Options	C Sheet 2
Seat Config: 104S	Aircraft Type: E-190STD	Carrier
Load Config:	Registrations:	PS

2 BALANCE AND SPECIAL INFORMATION — OUTPUT ON LOADSHEET

2,1 Balance output

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

Trim (tick as rec	uired)	Remarks*
Class trim		
Cabin area trim	X	
Seat row trim	X	Preferred

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

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Aircraft Information Loadsheet Options	C Sheet 3
Seat Config: 104S	Aircraft Type: E-190STD	Carrier
Load Config:	Registrations:	PS

2,3 Supplementary Information

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

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12 / 07 / 18</u>

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Seat Config: 104S Load Config: Registrations: Aircraft Information Basic Index and MAC Formula Sheet 4 Carrier PS

3 BASIC INDEX AND MAC/RC FORMULA

3,1 Examples and definitions

$$\frac{C \bullet (I - K)}{W} + \text{Reference Arm - LEMAC or LERC}$$

$$\frac{MAC \text{ or } RC}{100}$$

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

Length units from reference datum

3.3 MAC/RC information

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

AHM565 Aircraft Information EDP SYSTEM SEMI - PERMANENT DATA **Centre of Gravity Limits** Sheet 5.1 Carrier Seat Config: Aircraft Type: **104S E-190STD PS** Load Config: Registrations:

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:	PAX CABIN AREA TRIM
Condition:	STANDARD – Valid if the CABIN AREA TRIM method is applied for passenger trim
From:	To: Type:
Envelope is: (Certified: Curtailed: X

FORWARD

TORWARD			
Specify applicability *	Weight	MAC	Index
TAKE OFF	29959	18,27	57,13
	30896	12,35	43,42
	47790	9,4	21,23
ZERO FUEL	28250	20,53	62,29
	30204	13,78	47,08
	40800	11,24	33,15

AFT			
Specify applicability *	Weight	MAC	Index
TAKE OFF	29959	18,27	57,13
	30100	19,12	58,98
	40409	26,85	79,93
	47000	27,16	83,42
	47790	26,89	82,78
ZERO FUEL	28250	20,53	62,29
	37000	26,66	78,15
	40800	26,88	80,15
-	•		

Issue No: 1,0

Note: A balance chart/trim sheet must be attached for check purposes as per AHM519.

State trim method (i.e. cabin area trim, cpt trim etc.)

Completed by: A.Zubkov

Checked by: V.Pysaruk Date: 12 / 07 / 18

^{*}Zero fuel, taxi, take-off, inflight, landing and any other special conditions (i.e. tail tank inop)

AHM565 Aircraft Information EDP SYSTEM SEMI - PERMANENT DATA **Centre of Gravity Limits** Sheet 5.2 Carrier Seat Config: Aircraft Type: **104S E-190STD PS** Load Config: Registrations:

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:	PAX SEAT ROW TRIM	
Condition:	Valid ONLY if the SEAT ROW TRIM metho	od is applied for passenger trim
From:	To:	Type:
Envelope is: (Certified: Curtailed: X	

FORWARD

Specify			
applicability *	Weight	MAC	Index
TAKE OFF	29707	18,31	57,29
	30896	10,80	39,89
	47790	8,40	17,70
ZERO FUEL	28000	19,76	60,72
	30204	12,19	43,55
	40800	10,06	29,62

AFT			
Specify applicability *	Weight	MAC	Index
TAKE OFF	29707	18,31	57,29
	30100	20,67	62,42
	40409	28,01	83,38
	47000	28,15	86,86
	47790	27,87	86,22
ZERO FUEL	28000	21,98	65,29
	37000	27,92	81,59
	40800	28,02	83,59

^{*}Zero fuel, taxi, take-off, inflight, landing and any other special conditions (i.e. tail tank inop)

Note: A balance chart/trim sheet must be attached for check purposes as per AHM519.

State trim method (i.e. cabin area trim, cpt trim etc.)

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: 12 / 07 / 18

AHM565 Aircraft Information EDP SYSTEM SEMI - PERMANENT DATA **Centre of Gravity Limits** Sheet 5.3 Carrier Seat Config: Aircraft Type: E-190STD **104S PS** Load Config: Registrations:

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.

Гable Name: NO PAX			
Table Name.			
Condition: Valid ONLY if there	are NO PASSENGERS	on the flight	
From:	То:	Туре:	
Envelope is: Certified: Curta	iled: X		

FORWARD

TORWARD	1		
Specify applicability *	Weight	MAC	Index
TAKE OFF	29545	18,38	57,49
	31399	6,85	30,35
	47790	6,56	11,24
ZERO FUEL	28000	18,24	57,58
	30954	8,67	34,99
	40800	8,02	23,50

AFT			
Specify applicability *	Weight	MAC	Index
TAKE OFF	29545	18,38	57,49
	30100	21,71	64,73
	40409	28,79	85,68
	47000	28,82	89,17
	47790	28,52	88,53
ZERO FUEL	28000	23,10	67,60
	37000	28,77	83,90
	40800	28,79	85,90

^{*}Zero fuel, taxi, take-off, inflight, landing and any other special conditions (i.e. tail tank inop)

Note: A balance chart/trim sheet must be attached for check purposes as per AHM519.

State trim method (i.e. cabin area trim, cpt trim etc.)

Completed by: A.Zubkov

Checked by: V.Pysaruk Issue No: 1,0

Date: 12 / 07 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Aircraft Information Centre of Gravity Limits	C Sheet 6
Seat Config: 104S	Aircraft Type: E-190STD	Carrier
Load Config:	Registrations:	PS

4,2 Curtailments

T 1 1 ''				
	manutacturare	ANVAIANA	ຳຕ	CHINDIA
10 06 0960 11	manufacturers	CHACIONE	: 15	SUDDIFIC

	Sne	Specify Applicability*		Fv	vd	Al	AFT Sum of		Annliaghiller		
Type / Name						%		%		Joquale D	Applicability Rule
	TA	TO	LD	ZF	IN	MAC	Index		Index	Y/N	

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

 Checked by:
 V.Pysaruk
 Date:
 12 / 07 / 18

and Config: Registrations: Registrations: Registratio	AHM565 EDP SYSTEM SEMI – PERMANENT DATA			Aircraft Information Ideal Trim Line and Tipping Limits				C Sheet 7
All Weight Mac/RC Index	at Config: 1045	3		Aircraft Typ	e: E-190	STD		Carrier
Table Name	ad Config:			Registrations:				PS
Condition: From: To: Type: Weight Ideal Trim Area - Fwd Ideal Trim Area - Aft	Specify Ideal 1							
To:	-							
Weight	-		То:		Type	ā.		
24,00% 26,00%			Ideal Trim		Ideal Trim	Area - Aft		
Remarks: 4,4 Tipping Limits Weight %MAC/RC Index ALL WEIGHTS 51 Remarks:	}			Index		Index		
4,4 Tipping Limits Weight %MAC/RC Index ALL WEIGHTS 51 Remarks:	ļ		24,0070		20,0070			
4,4 Tipping Limits Weight %MAC/RC Index ALL WEIGHTS 51 Remarks:	-		-					
4,4 Tipping Limits Weight %MAC/RC Index ALL WEIGHTS 51 Remarks:								
4,4 Tipping Limits Weight %MAC/RC Index ALL WEIGHTS 51 Remarks:								
ALL WEIGHTS 51 Remarks:	romano.							
Remarks:	4,4 Tipping Lin	nits						
	4,4 Tipping Lin			%MAC/RC	;	Index		
	[Weight			;	Index		

AHM565 Aircraft Information EDP SYSTEM SEMI – PERMANENT DATA **Fuel** Sheet 8.1 Carrier Seat Config: **104S** Aircraft Type: **E-190STD PS** Load Config: Registrations:

5 **FUEL**

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

Effect of fuel 5,1

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 1

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803 Fuel Density Range: Min: 0,775

Max: 0,84

Tank Names: MAIN 1

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)	Balance Aim	iliuex
100	80	16,119	-0,09
200	161	16,023	-0,22
300	241	15,962	-0,36
400	321	15,917	-0,50
500	402	15,883	-0,66
600	482	15,855	-0,82
700	562	15,834	-0,97
800	642	15,82	-1,13
900	723	15,808	-1,29
1000	803	15,8	-1,45
1100	883	15,795	-1,60
1200	964	15,79	-1,75
1300	1044	15,787	-1,91
1400	1124	15,785	-2,06
1500	1204	15,784	-2,21
1600	1285	15,784	-2,35
1700	1365	15,783	-2,50
1800	1445	15,784	-2,65
1900	1526	15,785	-2,79
2000	1606	15,786	-2,94
2100	1686	15,788	-3,08
2200	1767	15,789	-3,22

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

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

_12 / _07 / _18 Date:

AHM565 Aircraft Information EDP SYSTEM SEMI – PERMANENT DATA **Fuel** Sheet 8.2 Carrier Seat Config: **104S** Aircraft Type: **E-190STD PS** Load Config: Registrations:

5 **FUEL**

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

Effect of fuel 5,1

Enter fueling procedure or fuel tank(s) information.

Table Name:

MAIN 1

Max Volume:

8076,5

Max Weight: Fuel Density:

0,803

Fuel Density Range: Min: 0,775

Max: 0,84

Tank Names:

MAIN 1

Fuel 0	Fuel Quantity		Index	
Volume	Weight (0.803)	Balance Arm	muex	
2300	1847	15,791	-3,36	
2400	1927	15,793	-3,50	
2500	2008	15,796	-3,63	
2600	2088	15,798	-3,77	
2700	2168	15,801	-3,90	
2800	2248	15,804	-4,03	
2900	2329	15,807	-4,16	
3000	2409	15,81	-4,29	
3100	2489	15,813	-4,42	
3200	2570	15,816	-4,54	
3300	2650	15,82	-4,66	
3400	2730	15,823	-4,79	
3500	2810	15,826	-4,91	
3600	2891	15,829	-5,04	
3700	2971	15,833	-5,15	
3800	3051	15,836	-5,27	
3900	3132	15,84	-5,39	
4000	3212	15,844	-5,50	
4100	3292	15,847	-5,62	

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Issue No: 1,0

Date: 12 / 07 / 18 AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Aircraft Information
Fuel

Sheet 8.3

Seat Config: 104S
Load Config: Registrations:

Aircraft Type: E-190STD
Registrations:

5 FUEL

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 1

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803 Fuel Density Range: Min: 0,775 Max: 0,84

Tank Names: MAIN 1

Fuel Quantity		Dalamaa Aum	lu day.
Volume	Weight (0.803)	Balance Arm	Index
4200	3373	15,851	-5,73
4300	3453	15,855	-5,84
4400	3533	15,858	-5,95
4500	3614	15,862	-6,06
4600	3694	15,866	-6,16
4700	3774	15,87	-6,27
4800	3854	15,874	-6,37
4900	3935	15,878	-6,47
5000	4015	15,882	-6,57
5100	4095	15,886	-6,67
5200	4176	15,89	-6,77
5300	4256	15,895	-6,85
5400	4336	15,9	-6,94
5500	4416	15,905	-7,02
5600	4497	15,91	-7,11
5700	4577	15,916	-7,18
5800	4657	15,924	-7,23
5900	4738	15,935	-7,25
6000	4818	15,947	-7,26
6100	4898	15,96	-7,25
6200	4979	15,974	-7,23
6300	5059	15,988	-7,20
6400	5139	16,004	-7,15
6500	5220	16,021	-7,09
6600	5300	16,038	-7,02

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

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: 12 / 07 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Aircraft Information Fuel Sheet 8.4 Aircraft Type: E-190STD Load Config: Registrations:

5 FUEL

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 1

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803 Fuel Density Range: Min: 0,775 Max: 0,84

Tank Names: MAIN 1

Fuel C	Fuel Quantity		In day
Volume	Weight (0.803)	Balance Arm	Index
6700	5380	16,056	-6,93
6800	5460	16,075	-6,83
6900	5541	16,095	-6,71
7000	5621	16,115	-6,58
7100	5701	16,137	-6,42
7200	5782	16,16	-6,25
7300	5862	16,183	-6,06
7400	5942	16,207	-5,86
7500	6022	16,232	-5,64
7600	6103	16,258	-5,40
7700	6183	16,285	-5,13
7800	6263	16,314	-4,84
7900	6344	16,343	-4,53
8000	6424	16,373	-4,20
8076,5	6485	16,378	-4,18

Issue No: 1,0

Completed by: A.Zubkov

 Checked by:
 V.Pysaruk
 Date:
 12 / 07 / 18

AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Aircraft Information
Fuel

Sheet 8.5

Seat Config: 104S
Load Config: Registrations:

Aircraft Type: E-190STD
Registrations:

5 FUEL

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 2

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803

Fuel Density Range: Min: 0,775

Max: 0,84

Tank Names: MAIN 2

Fuel 0	Fuel Quantity		lu dess
Volume	Weight (0.803)	Balance Arm	Index
100	80	16,119	-0,09
200	161	16,023	-0,22
300	241	15,962	-0,36
400	321	15,917	-0,50
500	402	15,883	-0,66
600	482	15,855	-0,82
700	562	15,834	-0,97
800	642	15,82	-1,13
900	723	15,808	-1,29
1000	803	15,8	-1,45
1100	883	15,795	-1,60
1200	964	15,79	-1,75
1300	1044	15,787	-1,91
1400	1124	15,785	-2,06
1500	1204	15,784	-2,21
1600	1285	15,784	-2,35
1700	1365	15,783	-2,50
1800	1445	15,784	-2,65
1900	1526	15,785	-2,79
2000	1606	15,786	-2,94
2100	1686	15,788	-3,08
2200	1767	15,789	-3,22

Issue No: 1,0

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

AHM565 Aircraft Information EDP SYSTEM SEMI – PERMANENT DATA **Fuel** Sheet 8.6 Carrier Seat Config: **104S** Aircraft Type: **E-190STD PS** Load Config: Registrations:

5 **FUEL**

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

Effect of fuel 5,1

Enter fueling procedure or fuel tank(s) information.

Table Name:

MAIN 2

Max Volume:

8076,5

0,803

Max Weight:

Fuel Density:

Fuel Density Range: Min: 0,775

Max: 0,84

Tank Names: MAIN 2

Fuel (Fuel Quantity		Index
Volume	Weight (0.803)	Balance Arm	muex
2300	1847	15,791	-3,36
2400	1927	15,793	-3,50
2500	2008	15,796	-3,63
2600	2088	15,798	-3,77
2700	2168	15,801	-3,90
2800	2248	15,804	-4,03
2900	2329	15,807	-4,16
3000	2409	15,81	-4,29
3100	2489	15,813	-4,42
3200	2570	15,816	-4,54
3300	2650	15,82	-4,66
3400	2730	15,823	-4,79
3500	2810	15,826	-4,91
3600	2891	15,829	-5,04
3700	2971	15,833	-5,15
3800	3051	15,836	-5,27
3900	3132	15,84	-5,39
4000	3212	15,844	-5,50
4100	3292	15,847	-5,62

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Issue No: 1,0

Date: 12 / 07 / 18 AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Aircraft Information
Fuel

Sheet 8.7

Seat Config: 104S
Load Config: Registrations:

Aircraft Type: E-190STD
Registrations:

5 FUEL

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 2

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803 Fuel Density Range: Min: 0,775 Max: 0,84

Tank Names: MAIN 2

Fuel	Fuel Quantity		la des
Volume	Weight (0.803)	Balance Arm	Index
4200	3373	15,851	-5,73
4300	3453	15,855	-5,84
4400	3533	15,858	-5,95
4500	3614	15,862	-6,06
4600	3694	15,866	-6,16
4700	3774	15,87	-6,27
4800	3854	15,874	-6,37
4900	3935	15,878	-6,47
5000	4015	15,882	-6,57
5100	4095	15,886	-6,67
5200	4176	15,89	-6,77
5300	4256	15,895	-6,85
5400	4336	15,9	-6,94
5500	4416	15,905	-7,02
5600	4497	15,91	-7,11
5700	4577	15,916	-7,18
5800	4657	15,924	-7,23
5900	4738	15,935	-7,25
6000	4818	15,947	-7,26
6100	4898	15,96	-7,25
6200	4979	15,974	-7,23
6300	5059	15,988	-7,20
6400	5139	16,004	-7,15
6500	5220	16,021	-7,09
6600	5300	16,038	-7,02

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

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: 12 / 07 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Aircraft Information Fuel Sheet 8.8 Seat Config: 104S Load Config: Registrations: Aircraft Type: E-190STD Registrations:

5 FUEL

Use separate sheets for each fuel condition/procedure. Use separate sheets for each tank or tank pair.

5,1 Effect of fuel

Enter fueling procedure or fuel tank(s) information.

Table Name: MAIN 2

Max Volume: 8076,5

Max Weight:

Fuel Density: 0,803 Fuel Density Range: Min: 0,775 Max: 0,84

Tank Names: MAIN 2

Fuel Q	uantity	Deleves Arm	lu dov
Volume	Weight (0.803)	Balance Arm	Index
6700	5380	16,056	-6,93
6800	5460	16,075	-6,83
6900	5541	16,095	-6,71
7000	5621	16,115	-6,58
7100	5701	16,137	-6,42
7200	5782	16,16	-6,25
7300	5862	16,183	-6,06
7400	5942	16,207	-5,86
7500	6022	16,232	-5,64
7600	6103	16,258	-5,40
7700	6183	16,285	-5,13
7800	6263	16,314	-4,84
7900	6344	16,343	-4,53
8000	6424	16,373	-4,20
8076,5	6485	16,378	-4,18

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Seat Config: 104S Load Config: Aircraft Information Fuel Sheet 9.1 Carrier PS

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name:	STANDARD	Procedure Type: Standard Procedure	X
Max Volume:		Non-standard Procedure	:
Max Weight:			
Fuel Density:	0,803	Fuel Density Range: Min: 0,775 Max: 0,84	

Fuel Q	uantity	Delenes Aves	le dest
Volume	Weight	Balance Arm	Index
	131		-0,18
	262		-0,34
	393		-0,55
	524		-0,79
	655		-1,03
	786		-1,28
	917		-1,54
	1048		-1,79
	1179		-2,05
	1310		-2,31
	1441		-2,57
	1572		-2,82
	1703		-3,08
	1834		-3,33
	1965		-3,58
	2096		-3,83
	2227		-4,08
	2358		-4,32
	2490		-4,56
	2621		-4,8
	2752		-5,05
	2883		-5,28
	3014		-5,52
	3145		-5,75
	3276		-5,98

Issue No: 1,0

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Date: <u>12</u> / <u>07</u> / <u>18</u>

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Aircraft Information Fuel Sheet 9.2 Seat Config: 104S Load Config: Registrations: Aircraft Type: E-190STD Registrations:

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name:	STANDARD	Procedure Type: Standard Procedure	X
Max Volume:		Non-standard Procedure	:
Max Weight:			
Fuel Density:	0,803	Fuel Density Range: Min: 0,775 Max: 0,84	

Fuel Quantity		Dolonos Arm	la des
Volume	Weight	Balance Arm	Index
	3407		-6,21
	3538		-6,45
	3669		-6,67
	3800		-6,9
	3931		-7,12
	4062		-7,34
	4193		-7,56
	4324		-7,78
	4455		-7,99
	4586		-8,2
	4717		-8,41
	4848		-8,62
	4979		-8,83
	5110		-9,04
	5241		-9,24
	5372		-9,44
	5503		-9,64
	5634		-9,85
	5765		-10,05
	5896		-10,24
	6027		-10,43
	6158		-10,62
	6289		-10,81
	6420		-10,99
	6551		-11,18
	6682		-11,37
	6813		-11,55

Completed by: A.Zubkov Issue No: 1,0

 Checked by:
 V.Pysaruk
 Date:
 12
 / 07
 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Seat Config: 104S Load Config: Aircraft Information Fuel Sheet 9.3 Carrier PS

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name:	STANDARD	Procedure Type: Standard Procedure: X	r k
Max Volume:		Non-standard Procedure:	
Max Weight:			
Fuel Density:	0,803	Fuel Density Range: Min: 0,775 Max: 0,84	

Fuel Q	uantity	Deleves Avve	la dav
Volume	Weight	Balance Arm	Index
	6944		-11,73
	7075		-11,91
	7206		-12,09
	7338		-12,26
	7469		-12,43
	7600		-12,6
	7731		-12,76
	7862		-12,93
	7993		-13,09
	8124		-13,25
	8255		-13,41
	8386		-13,57
	8517		-13,71
	8648		-13,85
	8779		-13,99
	8910		-14,12
	9041		-14,25
	9172		-14,37
	9303		-14,45
	9434		-14,49
	9565		-14,51
	9696		-14,51
	9827		-14,49
	9958		-14,46
	10089		-14,42
	10220		-14,35
	10351		-14,25

Issue No: 1,0

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Aircraft Information Fuel Sheet 9.4 Seat Config: 104S Load Config: Registrations: Aircraft Type: E-190STD Registrations:

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name:	STANDARD	Procedure Type: Standard Procedure	X
Max Volume:		Non-standard Procedure	:
Max Weight:			
Fuel Density:	0,803	Fuel Density Range: Min: 0,775 Max: 0,84	

Fuel G	Quantity	Dolon on Anno	la dese
Volume	Weight	Balance Arm	Index
	10482		-14,14
	10613		-14,02
	10744		-13,88
	10875		-13,71
	11006		-13,52
	11137		-13,32
	11268		-13,1
	11399		-12,85
	11530		-12,56
	11661		-12,27
	11792		-11,95
	11923		-11,61
	12054		-11,25
	12186		-10,85
	12317		-10,43
	12448		-9,97
	12579		-9,48
	12710		-8,97
	12841		-8,43
	12970,9		-8,35

Issue No: 1,0

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

Completed by: A.Zubkov

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

	565 SYSTEM - PERMANENT D	ATA			Aircraft Info		n	S	C Sheet 10	
Seat (Config: 104S			Aircraf	t Type: E-190S 1	ΓD			Carrier	
_oad	Config:			Regist	rations:				PS	
5,3	Fuel Distribution Supply fueling seque Distribution name: Maximum Volume: Maximum Weight: Fuel Density:		dividual ta	anks used						
	Sequence		uel ranç		Tank Name	e(s)	-	ntity	Ratio	
		From	To	Vol or Wt			Volume	Weight		
	Step 1	0	16153		MAIN1 MAIN2		8076,5 8076,5			
					IVIZATINZ		0070,0			
				<u> </u>						
5,4	Remarks (Use free	text to spo			lard procedures not		by the table			
			160			1	MAIN 1			
						1	MAIN 2			
	* Indicate tanks from	n which ta	ıxi fuel ie	hurned co	onsidering all fuel lo	ading co	nditions			
	Remarks:	. WINOIT CO		Samou oc		ading 60			,	

Completed by: A.Zubkov Issue No: 1,0

 Checked by:
 V.Pysaruk
 Date:
 12
 / 07
 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA Seat Config: 104S Load Config: Registrations: Aircraft Information Stabilizer and Trim Setting Aircraft Type: E-190STD Registrations:

6 STABILIZER TRIM

6 1	Cottings
6,1	Settings

			ratings/settings.		

MAC/RC:		or Range:	(From)	(To)
Flaps setting:	FLAPS -2	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	То

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

Take off				%MA	C/RC	and c	orresp	ondin	g STA	В		
Weight	5	7	9	11	13	17	19	21	23	25	27	29
30000	2,2	1,8	1,5	1,1	0,8	0,3	0	-0,3	-0,5	-0,5	-0,5	-0,5
32000	2,5	2	1,7	1,3	1,1	0,5	0,2	-0,1	-0,5	-0,5	-0,5	-0,5
34000	2,7	2,3	2	1,6	1,3	0,8	0,5	0,1	-0,2	-0,4	-0,5	-0,5
36000	2,9	2,6	2,2	1,9	1,5	1	0,7	0,3	0	-0,4	-0,5	-0,5
38000	3,1	2,8	2,4	2,1	1,7	1,2	0,9	0,5	0,2	-0,2	-0,4	-0,5
40000	3,3	3	2,7	2,4	2	1,4	1,1	0,8	0,4	0	-0,3	-0,5
42000	3,4	3,3	2,9	2,6	2,2	1,6	1,3	1	0,6	0,2	-0,2	-0,4
44000	3,5	3,4	3,1	2,8	2,4	1,7	1,4	1,1	0,7	0,4	0	-0,4
46000	3,5	3,5	3,3	3	2,6	1,9	1,6	1,3	0,9	0,6	0,2	-0,2
48000	3,5	3,5	3,5	3,1	2,7	2,1	1,7	1,4	1	0,7	0,3	-0,1
50000	3,5	3,5	3,5	3,2	2,8	2,2	1,9	1,5	1,2	0,8	0,4	0
52000	3,5	3,5	3,5	3,4	3	2,4	2,1	1,7	1,4	1	0,6	0,2

Rema	ırks:			

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u> / <u>07</u> / <u>18</u>

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Configuration Information Dimensions and Limits	D Sheet 1
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

1 DIMENSIONS AND LIMITS

Deck	Maximum	Volume	Latera	al Arm	Balance Arm		
	Weight	Volume	From	То	FWD	AFT	

Note: Where applicable include visual presentation of decks

Remarks:	

Completed by: A.Zubkov Issue No: 1,0

 Checked by:
 V.Pysaruk
 Date:
 12
 / 07
 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA		Configuration Information Holds	D Sheet 2
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

2 HOLDS AND COMPARTMENTS

2,1 Bulk Holds

Deck Name: LOW	ER
----------------	----

Holo	Hold / Cpt Max		Volume		Lateral Arm	1	I	Index per		
Na	ıme	ne Weight		Centroid	From	То	Centroid FWD		AFT	wt unit
HOLE	FWD									
CPT	1	1850	10,83				8,912	5	12,83	-0,01558
HOLE	AFT									
CPT	4	1650	8,92				24,002	20,39	27,6	+0,01460
					- 					

2,2 ULD Holds

Deck Name:	

Hold / Cpt	Max	Values		Lateral Arm	l	i i	Balance Arn	n	Index per
Name			Centroid	From	То	Centroid	FWD	AFT	wt unit

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Checked by: V.Pysaruk

Issue No: 1,0

Date: <u>12</u>/<u>07</u>/<u>18</u>

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Configuration Information ULD Configurations	D Sheet 3
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

UNIT LOAD DEVICE (ULD) CONFIGURATIONS 3

3,1	ULD Positions	
	Hold name:	

Group ID / Config*	Position	Max	Lateral Arm			Balance Arm			Index per Wt Unit	Colour**
Group ID / Coning	name	Weight	Centroid	From	То	Centroid	FWD	AFT	Wt Unit	Colour
	1									
	1									
	1					 				-
	1					 				-
	<u> </u>									

^{*} 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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Checked by: _12 / _07 / _18 V.Pysaruk Date:

^{**} Optional: To be used if deck configurations are colour codes on the cargo floor.

AHM565 EDP SYSTEM SEMI – PERMANE	NT DATA	Configuration Information Doors, Locks, and Restraints	D Sheet 4
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

4 DOORS AND LOCKS

4,1 Doors

Door ID	Hold or Cabin	Balan	ce Arm	l laimht	L /D / C *
Door ID	Name	FWD	AFT	Height	L/R/C*
1	FWD	6,83	8		R
1	AFT	24,56	25,7		R

^{*} Indicate L – Left, R – Right or C - Center

4.2 Lock Definition

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

^{*} Indicate F-Forward, A-Aft or L-Lateral

Use separate attachments as needed.

4.3 Missing restraint rules

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

Use separate attachments as needed.

Completed by: A.Zubkov Issue No: 1,0

 Checked by:
 V.Pysaruk
 Date:
 12
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 / 18

AHM565 EDP SYSTEM SEMI – PERMANE	NT DATA	Configuration Information Cabin and Crew Locations	D Sheet 5
Seat Config:	1048	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

5 CABIN AND EQUIPMENT

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

5,1 Cabin Definitions

Section	Deck	Rows		Latera	Lateral Arm		Balance ARM		
Section	Deck	From	То	From	То	Centroid	FWD	AFT	Weight Unit
0A		1	6			8,962			-0,01548
0B		7	12			13,790			-0,00582
0C		13	19			19,071			+0,00474
0D		20	26			24,583			+0,01577

5,2 Flight Deck Locations

Location		Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
FD (PILOTS)		2		2,81	-0,02778
J01 (OBS 1)		1		3,5	-0,02640

5,3 Cabin Crew locations

Include cabin crew locations if particular to configuration

Location	Deck	Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centoid	Index per Weight Unit
F01 (FWD 1)		1		4,94	-0,02352
F02 (FWD 2)		1		4,94	-0,02352
A01 (AFT LH)		1		28,187	+0,02297
A02 (AFT RH)		1		27,679	+0,02196

Completed by: A.Salamutin
Checked by: A.Zubkov

Issue No: 1 Rev.1
Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Configuration Information Galley and Other Locations	D Sheet 6
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

5,4 Potable Water Locations

Specify potable water tank locations

Tank Name	May Waight	Lateral Centroid	Ва	Index per		
Talik Name	Max Weight	Lateral Centrold	Centroid	FWD	AFT	Weight Unit
WATER TANK			28,437			+0,02347

5,5 Galleys and Other Locations

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

Loc	ation	Max	L	ateral Arr	n	Bal	ance ARI	И	Index per
Туре	Description	Weight	Centroid	From	То	Centroid	FWD	AFT	Weight Unit
GALLEY	G1					3,97			-0,02546
GALLEY	G2					5,614			-0,02217
GALLEY	G3					28,947			+0,02449
STOWAGE	PANORAMA					17,004			+0,00061
STOWAGE	SKYSHOP					17,004			+0,00061
WARDROBE	WARDROBE					5,878			-0,02164

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Configuration Information Seating Layout	D Sheet 7
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

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

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

W = 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

Completed by: A.Zubkov Issue No: 1,0

Checked by: V.Pysaruk Date: <u>12 / 07 / 18</u>

AHM565 EDP SYSTEM SEMI – PERMAN	ENT DATA	Configuration Information Seating Layout	D Sheet 8.1
Seat Config:	0C/104S	Aircraft Type: E-190STD	Carrier
Load Config:		Pogistrations	PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row		Seat Identifier						Max Weight*		Max seats	Balance Arm	Index per weight unit		
		Α	В		С	D					wei	gni	Seats	AIIII	weight unit
0A	1	N	N		IN	N							4	6,841	-0,01972
0A	2	NC	NC		INC	NC							4	7,705	-0,01799
0A	3	N	N		IN	N							4	8,568	-0,01626
0A	4	N	N		IN	N							4	9,432	-0,01454
0A	5	N	N		IN	N							4	10,219	-0,01296
0A	6	N	N		IN	N							4	11,007	-0,01139
0B	7	N	N		IN	N							4	11,794	-0,00981
0B	8	N	N		IN	N							4	12,582	-0,00824
0B	9	N	N		IN	N							4	13,369	-0,00666
0B	10	N	N		IN	N							4	14,156	-0,00509
0B	11	N	N		IN	N							4	14,918	-0,00356
0B	12	NE	NE		NE	NE							4	15,922	-0,00156
0C	13	N	N		IN	N							4	16,709	0,00002
0C	14	N	N		IN	N							4	17,496	0,00159
0C	15	N	N		IN	N							4	18,284	0,00317
0C	16	N	N		IN	N							4	19,071	0,00474
0C	17	N	N		IN	N							4	19,859	0,00632
0C	18	N	N		IN	N							4	20,646	0,00789
0C	19	N	N		IN	N							4	21,433	0,00947
0D	20	N	N		IN	N							4	22,221	0,01104
0D	21	N	N		IN	N							4	23,008	0,01262
0D	22	N	N		IN	N							4	23,796	0,01419
0D	23	N	N		IN	N							4	24,583	0,01577
0D	24	N	N		IN	N							4	25,37	0,01734
0D	25	N	N		IN	N							4	26,158	0,01892
0D	26	N	N		IN	N							4	26,945	0,02049
														_	

^{* -} Total weight allowed for seats listed on row. Used for SOC.

 Completed by:
 A.Salamutin
 Issue No:
 1
 Rev.1

 Checked by:
 A.Zubkov
 Date:
 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMANENT DATA

Configuration Information Seating Layout

D

Sheet 8.2

Seat Config: 4C/96S Aircraft Type: E-190STD

Carrier

PS

Load Config:

Registrations:

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row		Seat Identifier					Max Weight*		Max seats	Balance Arm	Index per weight unit		
		Α	В		С	D				wei	gnt	seats	Arm	weight unit
0A	1	N	Y		IN	Y						2	6,841	-0,01972
0A	2	NC	YC		INC	YC						2	7,705	-0,01799
0A	3	N	N		IN	N						4	8,568	-0,01626
0A	4	N	N		IN	N						4	9,432	-0,01454
0A	5	N	N		IN	N						4	10,219	-0,01296
0A	6	N	N		IN	N						4	11,007	-0,01139
0B	7	N	N		IN	N						4	11,794	-0,00981
0B	8	N	N		IN	N						4	12,582	-0,00824
0B	9	N	N		IN	N						4	13,369	-0,00666
0B	10	N	N		IN	N						4	14,156	-0,00509
0B	11	N	N		IN	N						4	14,918	-0,00356
0B	12	NE	NE		NE	NE						4	15,922	-0,00156
0C	13	N	N		IN	N						4	16,709	0,00002
0C	14	N	N		IN	N						4	17,496	0,00159
0C	15	N	N		IN	N						4	18,284	0,00317
0C	16	N	N		IN	N						4	19,071	0,00474
0C	17	N	N		IN	N						4	19,859	0,00632
0C	18	N	N		IN	N						4	20,646	0,00789
0C	19	N	N		IN	N						4	21,433	0,00947
0D	20	N	N		IN	N						4	22,221	0,01104
0D	21	N	N		IN	N						4	23,008	0,01262
0D	22	N	N		IN	N						4	23,796	0,01419
0D	23	N	N		IN	N						4	24,583	0,01577
0D	24	N	N		IN	N						4	25,37	0,01734
0D	25	N	N		IN	N						4	26,158	0,01892
0D	26	N	N		IN	N						4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

Completed by: A.Salamutin Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMANENT DATA

Configuration Information Seating Layout

Registrations:

D

Sheet 8.3

Seat Config: 6C/92S Aircraft Type: E-190STD

Carrier PS

Load Config:

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row		Seat Identifier						Max Weight*	Max	Balance	Index per weight unit			
		Α	В		С	D					wei	gnt	seats	Arm	weight unit
0A	1	N	Y		IN	Y							2	6,841	-0,01972
0A	2	NC	YC		INC	YC							2	7,705	-0,01799
0A	3	N	Y		IN	Y							2	8,568	-0,01626
0A	4	N	N		IN	N							4	9,432	-0,01454
0A	5	N	N		IN	N							4	10,219	-0,01296
0A	6	N	N		IN	N							4	11,007	-0,01139
0B	7	N	N		IN	N							4	11,794	-0,00981
0B	8	N	N		IN	N							4	12,582	-0,00824
0B	9	N	N		IN	N							4	13,369	-0,00666
0B	10	N	N		IN	N							4	14,156	-0,00509
0B	11	N	N		IN	N							4	14,918	-0,00356
0B	12	NE	NE		NE	NE							4	15,922	-0,00156
0C	13	N	N		IN	N							4	16,709	0,00002
0C	14	N	N		IN	N							4	17,496	0,00159
0C	15	N	N		IN	N							4	18,284	0,00317
0C	16	N	N		IN	N							4	19,071	0,00474
0C	17	N	N		IN	N							4	19,859	0,00632
0C	18	N	N		IN	N							4	20,646	0,00789
0C	19	N	N		IN	N							4	21,433	0,00947
0D	20	N	N		IN	N							4	22,221	0,01104
0D	21	N	N		IN	N							4	23,008	0,01262
0D	22	N	N		IN	N							4	23,796	0,01419
0D	23	N	N		IN	N							4	24,583	0,01577
0D	24	N	N		IN	N							4	25,37	0,01734
0D	25	N	N		IN	N							4	26,158	0,01892
0D	26	N	N		IN	N							4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

Completed by: A.Salamutin Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMAN	ENT DATA	Configuration Information Seating Layout	D Sheet 8.4
Seat Config:	8C/88S	Aircraft Type: E-190STD	Carrier
Load Config:		Pagistrations	PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row		Seat Identifier						Max - Weight*		Max	Balance Arm	Index per weight unit		
		Α	В		С	D					wei	gni	seats	AIIII	weight unit
0A	1	N	Y		IN	Y							2	6,841	-0,01972
0A	2	NC	YC		INC	YC							2	7,705	-0,01799
0A	3	N	Y		IN	Y							2	8,568	-0,01626
0A	4	N	Y		IN	Y							2	9,432	-0,01454
0A	5	N	N		IN	N							4	10,219	-0,01296
0A	6	N	N		IN	N							4	11,007	-0,01139
0B	7	N	N		IN	N							4	11,794	-0,00981
0B	8	N	N		IN	N							4	12,582	-0,00824
0B	9	N	N		IN	N							4	13,369	-0,00666
0B	10	N	N		IN	N							4	14,156	-0,00509
0B	11	N	N		IN	N							4	14,918	-0,00356
0B	12	NE	NE		NE	NE							4	15,922	-0,00156
0C	13	N	N		IN	N							4	16,709	0,00002
0C	14	N	N		IN	N							4	17,496	0,00159
0C	15	N	N		IN	N							4	18,284	0,00317
0C	16	N	N		IN	N							4	19,071	0,00474
0C	17	N	N		IN	N							4	19,859	0,00632
0C	18	N	N		IN	N							4	20,646	0,00789
0C	19	N	N		IN	N							4	21,433	0,00947
0D	20	N	N		IN	N							4	22,221	0,01104
0D	21	N	N		IN	N							4	23,008	0,01262
0D	22	N	N		IN	N							4	23,796	0,01419
0D	23	N	N		IN	N							4	24,583	0,01577
0D	24	N	N		IN	N							4	25,37	0,01734
0D	25	N	N		IN	N							4	26,158	0,01892
0D	26	N	N		IN	N							4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

 Completed by:
 A.Salamutin
 Issue No:
 1
 Rev.1

 Checked by:
 A.Zubkov
 Date:
 06
 / 08
 / 19

AHM565 EDP SYSTEM SEMI – PERMAN	ENT DATA	Configuration Information Seating Layout	D Sheet 8.5
Seat Config:	10C/84S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row		Seat Identifier						Max - Weight*		Max	Balance Arm	Index per weight unit		
		Α	В		С	D					wei	gnt	seats	Arm	weight unit
0A	1	N	Y		IN	Y							2	6,841	-0,01972
0A	2	NC	YC		INC	YC							2	7,705	-0,01799
0A	3	N	Y		IN	Y							2	8,568	-0,01626
0A	4	N	Y		IN	Y							2	9,432	-0,01454
0A	5	N	Y		IN	Y							2	10,219	-0,01296
0A	6	N	N		IN	N							4	11,007	-0,01139
0B	7	N	N		IN	N							4	11,794	-0,00981
0B	8	N	N		IN	N							4	12,582	-0,00824
0B	9	N	N		IN	N							4	13,369	-0,00666
0B	10	N	N		IN	N							4	14,156	-0,00509
0B	11	N	N		IN	N							4	14,918	-0,00356
0B	12	NE	NE		NE	NE							4	15,922	-0,00156
0C	13	N	N		IN	N							4	16,709	0,00002
0C	14	N	N		IN	N							4	17,496	0,00159
0C	15	N	N		IN	N							4	18,284	0,00317
0C	16	N	N		IN	N							4	19,071	0,00474
0C	17	N	N		IN	N							4	19,859	0,00632
0C	18	N	N		IN	N							4	20,646	0,00789
0C	19	N	N		IN	N							4	21,433	0,00947
0D	20	N	N		IN	N							4	22,221	0,01104
0D	21	N	N		IN	N							4	23,008	0,01262
0D	22	N	N		IN	N							4	23,796	0,01419
0D	23	N	N		IN	N							4	24,583	0,01577
0D	24	N	N		IN	N							4	25,37	0,01734
0D	25	N	N		IN	N							4	26,158	0,01892
0D	26	N	N		IN	N							4	26,945	0,02049
														_	

^{* -} Total weight allowed for seats listed on row. Used for SOC.

 Completed by: A.Salamutin
 Issue No: 1
 Rev.1

 Checked by: A.Zubkov
 Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMAN	ENT DATA	Configuration Information Seating Layout	
Seat Config:	12C/80S	Aircraft Type: E-190STD	

Registrations:

D

Sheet 8.6

PS

6,2 Seat Plan

Load Config:

Layout / Facilities and balance information

Section	Row				Seat	Ident	tifier				ax	Max	Balance	Index per
		Α	В	С	D					Wei	gnt [*]	seats	Arm	weight unit
0A	1	N	Y	IN	Y							2	6,841	-0,01972
0A	2	NC	YC	INC	YC							2	7,705	-0,01799
0A	3	N	Y	IN	Y							2	8,568	-0,01626
0A	4	N	Y	IN	Y							2	9,432	-0,01454
0A	5	N	Y	IN	Y							2	10,219	-0,01296
0A	6	N	Y	IN	Y							2	11,007	-0,01139
0B	7	N	N	IN	N							4	11,794	-0,00981
0B	8	N	N	IN	N							4	12,582	-0,00824
0B	9	N	N	IN	N							4	13,369	-0,00666
0B	10	N	N	IN	N							4	14,156	-0,00509
0B	11	N	N	IN	N							4	14,918	-0,00356
0B	12	NE	NE	NE	NE							4	15,922	-0,00156
0C	13	N	N	IN	N							4	16,709	0,00002
0C	14	N	N	IN	N							4	17,496	0,00159
0C	15	N	N	IN	N							4	18,284	0,00317
0C	16	N	N	IN	N							4	19,071	0,00474
0C	17	N	N	IN	N							4	19,859	0,00632
0C	18	N	N	IN	N							4	20,646	0,00789
0C	19	N	N	IN	N							4	21,433	0,00947
0D	20	N	N	IN	N							4	22,221	0,01104
0D	21	N	N	IN	N							4	23,008	0,01262
0D	22	N	N	IN	N							4	23,796	0,01419
0D	23	N	N	IN	N							4	24,583	0,01577
0D	24	N	N	IN	N							4	25,37	0,01734
0D	25	N	N	IN	N							4	26,158	0,01892
0D	26	N	N	IN	N							4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

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 Checked by: A.Zubkov
 Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMANENT DATA

Configuration Information Seating Layout

D Sheet 9

Sheet 8.7 Carrier

Seat Config:

14C/76S

Aircraft Type: E-190STD

Registrations:

PS

6,2 Seat Plan

Load Config:

Layout / Facilities and balance information

Section	Row				Seat	lden	tifier	,		M: Wei		Max seats	Balance Arm	Index per weight unit
		Α	В	С	D					wei	gnt	Seats	AIIII	weight unit
0A	1	N	Y	IN	Y							2	6,841	-0,01972
0A	2	NC	YC	INC	YC							2	7,705	-0,01799
0A	3	N	Y	IN	Y							2	8,568	-0,01626
0A	4	N	Y	IN	Y							2	9,432	-0,01454
0A	5	N	Y	IN	Y							2	10,219	-0,01296
0A	6	N	Y	IN	Y							2	11,007	-0,01139
0B	7	N	Y	IN	Y							2	11,794	-0,00981
0B	8	N	N	IN	N							4	12,582	-0,00824
0B	9	N	N	IN	N							4	13,369	-0,00666
0B	10	N	N	IN	N							4	14,156	-0,00509
0B	11	N	N	IN	N							4	14,918	-0,00356
0B	12	NE	NE	NE	NE							4	15,922	-0,00156
0C	13	N	N	IN	N							4	16,709	0,00002
0C	14	N	N	IN	N							4	17,496	0,00159
0C	15	N	N	IN	N							4	18,284	0,00317
0C	16	N	N	IN	N							4	19,071	0,00474
0C	17	N	N	IN	N							4	19,859	0,00632
0C	18	N	N	IN	N							4	20,646	0,00789
0C	19	N	N	IN	N							4	21,433	0,00947
0D	20	N	N	IN	N							4	22,221	0,01104
0D	21	N	N	IN	N							4	23,008	0,01262
0D	22	N	N	IN	N							4	23,796	0,01419
0D	23	N	N	IN	N							4	24,583	0,01577
0D	24	N	N	IN	N							4	25,37	0,01734
0D	25	N	N	IN	N							4	26,158	0,01892
0D	26	N	N	IN	N							4	26,945	0,02049
													_	
														_

^{* -} Total weight allowed for seats listed on row. Used for SOC.

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Issue No: 1 Rev.1

Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMANENT DATA

Configuration Information Seating Layout

D

Sheet 8.8 Carrier

Seat Config:

16C/72S

Aircraft Type: E-190STD

Registrations:

PS

Load Config:

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row				Seat	Identifie	r		Ma Wei	ax aht*	Max seats	Balance Arm	Index per weight unit
		Α	В	С	D				WCI	giit	Seats	Aiiii	weight unit
0A	1	N	Y	IN	Y						2	6,841	-0,01972
0A	2	NC	YC	INC	YC						2	7,705	-0,01799
0A	3	N	Y	IN	Y						2	8,568	-0,01626
0A	4	N	Y	IN	Y						2	9,432	-0,01454
0A	5	N	Y	IN	Y						2	10,219	-0,01296
0A	6	N	Y	IN	Y						2	11,007	-0,01139
0B	7	N	Y	IN	Y						2	11,794	-0,00981
0B	8	N	Y	IN	Y						2	12,582	-0,00824
0B	9	N	N	IN	N						4	13,369	-0,00666
0B	10	N	N	IN	N						4	14,156	-0,00509
0B	11	N	N	IN	N						4	14,918	-0,00356
0B	12	NE	NE	NE	NE						4	15,922	-0,00156
0C	13	N	N	IN	N						4	16,709	0,00002
0C	14	N	N	IN	N						4	17,496	0,00159
0C	15	N	N	IN	N						4	18,284	0,00317
0C	16	N	N	IN	N						4	19,071	0,00474
0C	17	N	N	IN	N						4	19,859	0,00632
0C	18	N	N	IN	N						4	20,646	0,00789
0C	19	N	N	IN	N						4	21,433	0,00947
0D	20	N	N	IN	N						4	22,221	0,01104
0D	21	N	N	IN	N						4	23,008	0,01262
0D	22	N	N	IN	N						4	23,796	0,01419
0D	23	N	N	IN	N						4	24,583	0,01577
0D	24	N	N	IN	N						4	25,37	0,01734
0D	25	N	N	IN	N						4	26,158	0,01892
0D	26	N	N	IN	N						4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

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Issue No: 1 Rev.1

Date: 06 / 08 / 19

AHM565 EDP SYSTEM SEMI – PERMAN	ENT DATA	Configuration Information Seating Layout	
Seat Config:	18C/68S	Aircraft Type: E-190STD	

Sheet 8.9
Carrier

Load Config: Registrations:

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row				Seat	ldenti	ifier			Ma Wei	ax	Max	Balance Arm	Index per weight unit
		Α	В	С	D					wei	gnı	seats	AIIII	weight unit
0A	1	N	Y	IN	Y							2	6,841	-0,01972
0A	2	NC	YC	INC	YC							2	7,705	-0,01799
0A	3	N	Y	IN	Y							2	8,568	-0,01626
0A	4	N	Y	IN	Y							2	9,432	-0,01454
0A	5	N	Y	IN	Y							2	10,219	-0,01296
0A	6	N	Y	IN	Y							2	11,007	-0,01139
0B	7	N	Y	IN	Y							2	11,794	-0,00981
0B	8	N	Y	IN	Y							2	12,582	-0,00824
0B	9	N	Y	IN	Y							2	13,369	-0,00666
0B	10	N	N	IN	N							4	14,156	-0,00509
0B	11	N	N	IN	N							4	14,918	-0,00356
0B	12	NE	NE	NE	NE							4	15,922	-0,00156
0C	13	N	N	IN	N							4	16,709	0,00002
0C	14	N	N	IN	N							4	17,496	0,00159
0C	15	N	N	IN	N							4	18,284	0,00317
0C	16	N	N	IN	N							4	19,071	0,00474
0C	17	N	N	IN	N							4	19,859	0,00632
0C	18	N	N	IN	N							4	20,646	0,00789
0C	19	N	N	IN	N							4	21,433	0,00947
0D	20	N	N	IN	N							4	22,221	0,01104
0D	21	N	N	IN	N							4	23,008	0,01262
0D	22	N	N	IN	N							4	23,796	0,01419
0D	23	N	N	IN	N							4	24,583	0,01577
0D	24	N	N	IN	N							4	25,37	0,01734
0D	25	N	N	IN	N							4	26,158	0,01892
0D	26	N	N	IN	N							4	26,945	0,02049

^{* -} Total weight allowed for seats listed on row. Used for SOC.

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AHM565 EDP SYSTEM SEMI – PERMAN	IENT DATA	Configuration Information Seating Layout	D Sheet 8.10
Seat Config:	20C/64S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row				Seat	Identi	ifier			Ma Wei	ax	Max	Balance Arm	Index per weight unit
		Α	В	С	D					wei	gni	seats	AIIII	weight unit
0A	1	N	Y	IN	Y							2	6,841	-0,01972
0A	2	NC	YC	INC	YC							2	7,705	-0,01799
0A	3	N	Y	IN	Y							2	8,568	-0,01626
0A	4	N	Y	IN	Y							2	9,432	-0,01454
0A	5	N	Y	IN	Y							2	10,219	-0,01296
0A	6	N	Y	IN	Y							2	11,007	-0,01139
0B	7	N	Y	IN	Y							2	11,794	-0,00981
0B	8	N	Y	IN	Y							2	12,582	-0,00824
0B	9	N	Y	IN	Y							2	13,369	-0,00666
0B	10	N	Y	IN	Y							2	14,156	-0,00509
0B	11	N	N	IN	N							4	14,918	-0,00356
0B	12	NE	NE	NE	NE							4	15,922	-0,00156
0C	13	N	N	IN	N							4	16,709	0,00002
0C	14	N	N	IN	N							4	17,496	0,00159
0C	15	N	N	IN	N							4	18,284	0,00317
0C	16	N	N	IN	N							4	19,071	0,00474
0C	17	N	N	IN	N							4	19,859	0,00632
0C	18	N	N	IN	N							4	20,646	0,00789
0C	19	N	N	IN	N							4	21,433	0,00947
0D	20	N	N	IN	N							4	22,221	0,01104
0D	21	N	N	IN	N							4	23,008	0,01262
0D	22	N	N	IN	N							4	23,796	0,01419
0D	23	N	N	IN	N							4	24,583	0,01577
0D	24	N	N	IN	N							4	25,37	0,01734
0D	25	N	N	IN	N							4	26,158	0,01892
0D	26	N	N	IN	N							4	26,945	0,02049
													_	

^{* -} Total weight allowed for seats listed on row. Used for SOC.

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AHM565 EDP SYSTEM SEMI – PERMANI	ENT DATA	Configuration Information Saleable Configurations	D Sheet 9
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

6,3 Saleable Configurations

6.3.1 Cabin Area Information

Cabin Section		•	r Cabin classes		Total Per	Ba	lance Arr	n	Index per Weight Unit
5555					Cabin	Centroid	FWD	AFT	l roigin oin

6.3.2 Class Information

Class	First	Last	Number of	Latera	al Arm	Bal	ance ARM	Л	Index per
code	Row	Row	Seats	From	То	Centroid	FWD	AFT	Weight Unit
104S	1	26	104						
4C/96S									
С	1	2	4						
S	3	26	96						
6C/92S									
С	1	3	6						
S	4	26	92						
8C/88S									
С	1	4	8						
S	5	26	88						
10C/84S									
С	1	5	10						
S	6	26	84						
12C/80S									
С	1	6	12						
S	7	26	80						
14C/76S									
С	1	7	14						
S	8	26	76						
16C/72S									
С	1	8	16						
S	9	26	72						
18C/68S									
С	1	9	18						
S	10	26	68						
20C/64S									
С	1	10	20						
S	11	26	64						

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Checked by: V.Pysaruk

Issue No: 1,0

AHM565 EDP SYSTEM SEMI – PERMANI	ENT DATA	Configuration Information Structural Limitations	D Sheet 10
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS
7 STRUCTU	RAL LIMITATION	S	

į.			
Table Name:			

Condition:		
From:	То:	Туре:

Deck / Hold Name	Baland	e ARM	Limit Mainht nan Diatana
(or ALL)	From	То	Limit Weight per Distance

7,2 Cumulative Load Limits

Running (Linear Load Limits)

7,1

Table Name:	
•	

Condition:

From:

To:

Type:

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

^{*} Use +, -, or 0 to indicate for forward, rearward or individual cumulative

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 V.Pysaruk
 Date:
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AHM565 EDP SYSTEM SEMI – PERMANENT DATA					Configuration Information Structural Limitations				D Sheet 11
Seat (Config:	•	104S	Airc	raft Type:	E-190STE)		Carrier
Load	Config:			Reg	jistrations:				PS
7,3		Load Limi	ts						
	Table Nam	e:							
	Conditio	n:							
	Fror	m:		To:		Type:			
	Location*	Location*	Location*	Location*	Location*	Location*	Location*	Max Combined Weight	Remarks
	* Specify A	ux fuel tank	s, Hold, Cor	mpartment,	Bay, Position	n, as neede	ed		
7,4	Floor Load	ling Limits							
	Table Nam	e:							
	Conditio	n:							
	Fror	n:		To:		Туре:			
	Deck / H	lold Name		Baland	ce ARM				
		ALL)	F	rom	То	o Limit Weig		Weight per A	rea
7,5	Asymmetr	ical Load L	imits						
	Table Nam	e:							
	Conditio	n:							
	Fror			То:		Туре:			
		Wei	ght Li	near Load					
		Lef	t Side	Right	Side				

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at Co	AHM565 EDP SYSTEM SEMI – PERMANENT DATA		Dry Operating Weight Build-Up	E Sheet 1	
ui O	onfig: 104S	Airc	craft Type: E-190STD	Carrier	
24 C	config:	Por	gistrations:	PS	
au O	oring.	ιτος	gonanono.		
	AIRCRAFT START WEIG	НТ			
E	Basic Weight X				
	DOW				
	DRY OPERATING WEIGH	łT			
		_			
	Dry Operating Weight Specific	cation			
Ī	Item	Included	Remarks		
Ī	Basic Weight	X			
-	Flight Deck Crew	X			
_	Cabin Crew	X			
Ī	Flight Deck Crew Baggage				
_	Cabin Crew Baggage				
-	Pantry	X			
-	Containers				
_ <u> </u>	Pallets				
-	Potable Water	X			
-	Library				
F					
<u> </u>	Note: Items not selected are inc Remarks: DOW/DOI for all crew variants a		-		

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Date: 12 / 07 / 18 Checked by: V.Pysaruk

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Dry Operating Weight Build-Up Crew and Pantry Codes	E Sheet 2
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

2,2 Crew Codes

Fill in flight deck and cabin crew locations. For each crew code, identify the number of crew members seated at the corresponding location.

Crew Code	Flight Deck Locations* Location Total		Cabin Crew Locations*	Baggage Location		5	
Crew Code			Location Total		Flight Deck	Cabin	Remarks
STANDARD	FD (PILOTS)	Pos1	F01 (FWD)	Pos1			
	FD (PILOTS)	Pos2	A01 (AFT LH)	Pos2			
	J01 (OBS 1)	Pos3	A02 (AFT RH)	Pos3			
	Row 2	Pos4	F02 (FWD)	Pos4			
			Row 2	Pos5			
			Row 2	Pos6			

2,3 Pantry Codes

Provide either full breakdown or total weight overall effect.

Pantry Code	Galley Location	Total Weight	Balance Arm	Index	Remarks
А	G1	30			STANDARD
	G2	150			
	G3	254			
	PANORAMA	52			
	SKYSHOP	16			
Z	G1	0			
	G2	0			
	G3	0			
	PANORAMA	0			
	SKYSHOP	0			

Remarks			

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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:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

2,4 Potable Water Codes

Provide either full breakdown or total weight overall effect.

Potable Water Code	Tank Name	Weight	Index	Remarks
110	WATER TANK	110		SUBTYPE LEVEL DATA
			-	_
				_

2,5 Standard Service Weight Adjustment Codes

Adjustment Code	Description	Weight	Balance Arm	Index	Remarks

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AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA	Dry Operating Weight Build-Up Weight Configuration Codes	E Sheet 4
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

2,6 Weight Configuration Codes

	Code References							
Weight Config Code	Crew	Pantry	Potable Water	Service Weight Adj	Service Weight Adj			
_								

Remarks			

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 12 / 07 / 18

AHM565 EDP SYSTEM SEMI – PERMANENT DATA		Dry Operating Weight Build-Up Aircraft Registration Weights	E Sheet 5
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

2,7 Aircraft Registration Weights

Note: Carrier should complete either 2.7.1 or 2.7.2, not both.

2.7.1 Fleet Weights

	-					Fleet %MAC:	
Fleet \	Veight:				Flee	t Balance ARM:	
						Fleet Index:	
5		Enter Adj	ustments			_	
Registration/ Tail Number	Weight	%MAC/RC	Balance ARM	Index	Weight Config Code*		
_							

^{*} Indicates crew and or pantry codes included in DOW (optional)

2.7.2 Individual Aircraft Weights

Registration/ Tail Number	Weight	%MAC/RC	Balance ARM	Index	Weight Config Code*	Remarks
UR-EMA	28318			67,152		
UR-EMB	28336			68,854		

		registration			•		
NIOto:	ADTOLUIT	radictration	mayha	Idantitiad	tor.	nlannina	nurnacac
14016.	a uciauii	TECHSHAUCH	IIIav De		1111	טומווווווו	いいいいうせつ

Remarks	

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 Date:
 12
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AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA			Limiting W	eights	F Sheet 1
Seat Config:	1048		Aircraft Type:	E-190STI)	Carrier
Load Config:			Registrations	:		PS
	LIMITING V					
Table Name:						
Condition:						
From:		To:		Type:		
Weight Table Name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight	Remarks
STANDARD		40800	43000	47790	47950	
Remarks						

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Checked by: V.Pysaruk

Issue No: 1,0

AHM565 EDP SYSTEM SEMI – PERMANE	ENT DATA		Limiting Weights				F Sheet 2			
Seat Config:	1048	•	Aircraft Type:	E-190STE)		Carrier			
Load Config:			Registrations:				PS			
	1,2 Minimum Weights Tables Table Name:									
Condition:										
From:		To:		Type:						
Weight Table Name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight		Remarks			
Remarks										
Completed by: A					leen					

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

AHM565 EDP SYSTEM SEMI – PERMANE	NT DATA	ULD Compatibility	G Sheet 1
Seat Config:	104S	Aircraft Type: E-190STD	Carrier
Load Config:		Registrations:	PS

1 ULD COMPATABILITY

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

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

N = Not compatible

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

	Enter ULD Code below and then indicate applicability with entered positions											
Position Bay												
Бау												

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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Checked by: V.Pysaruk

Issue No: 1,0

	1565 SYSTEM I – PERMANE	ENT DATA		Business Rules Special Loads	H Sheet 1						
	Config: Config:	1045	6	Aircraft Type: E-190STD Registrations:	Carrier PS						
1	SPECIAL L	OADS									
l ,1	Exceptions to ICAO / IATA DGR Incompatibility Charts List exceptions to ICAO / IATA DGR incompatibility charts.										
1,2	Exceptions to IATA Special Load Incompatability										
1,3	Special Load	l									
	Hold Name:]							
	Special Load Code	Position/ Hold	Maximum Quantity	Remarks							
1,4	Additional Sp List any further		-	ents for special loads							

Issue No: 1,0

Date:

<u>12</u> / <u>07</u> / <u>18</u>

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Checked by: V.Pysaruk

AHM565 EDP SYSTEM SEMI – PERMANENT DATA						Business Rules Aircraft Specific								H Sheet 2						
Seat	Config:				104	S		Α	ircra	ft Typ	e:	E-19	90S	ΓD					Carrier	
Load	l Config:							R	egis	tratior	ns:								PS	
2	DIIGI	JEC	e DIII	E9 //	∩DTI	ONAL	,													
2	BUSI					ONAL	-)													
2,1	Aircra	ift Bi	usine	ss Ru	ules															
Busi	iness Ru	ıle N	ame												AHN	1565	Sheet		Ref:	
Criteria - Name																	Busines	s		
Cri						_											Rule Ou	tput		_
Criteria																	Output T	ype	Output	Delete Rule
	Another	Rule																		
Busi	iness Ru	ıle N	ame												AHN	1565	Sheet		Ref:	
Criteria - Name																	Busines Rule Ou			
Criteria																	Output T	ype	Output	Delete Rule
Add	Another	Rule	!																	
Co	ompleted	l bv:	A.Zu	ıbkov												Is	sue No:	1.0		

12 / 07 / 18 Checked by: V.Pysaruk Date:

	5 STEM PERMANEN				H Sheet 3	٦					
Seat Con	ıfig:	1045	3	Aircr	aft Type:	E-190	STD			Carrier	1
Load Cor					strations:					PS	
				<u> </u>							_
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AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Seat Config: 104S
Load Config: Registrations: UR-EMA

ATTACHMENT 1

Carrier
PS

UR-EMA DOW/DOI Table

BEW	BEI
28318	67,152

Cockpit	Cabin	DOW	DOI
2	0	29100	67,2
2	1	29175	65,4
2	2	29250	67,1
2	3	29325	68,8
2	4	29400	67
2	5	29475	65,7
2	6	29550	64,3
3	0	29185	64,9
3	1	29260	63,2
3	2	29335	64,9
3	3	29410	66,5
3	4	29485	64,8
3	5	29560	63,4
3	6	29635	62,1
4	0	29270	63,4
4	1	29345	61,6
4	2	29420	63,4
4	3	29495	65
4	4	29570	63,3
4	5	29645	61,9
4	6	29720	60,6

REMARK: Due to different calculation and rounding methods used by EDP systems, the difference of up to +/-0.1 i.u. is acceptable for DOI.

Completed by: A.Salamutin Issue No: 1 Rev.1

Checked by: A.Zubkov Date: <u>06 / 08 / 19</u>

AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Seat Config: 104S
Load Config: Registrations: UR-EMB

ATTACHMENT 2

Carrier
PS

UR-EMB DOW/DOI Table

BEW	BEI			
28336	68,854			

Cockpit	Cabin	DOW	DOI
2	0	29118	68,9
2	1	29193	67,1
2	2	29268	68,8
2	3	29343	70,5
2	4	29418	68,7
2	5	29493	67,4
2	6	29568	66
3	0	29203	66,6
3	1	29278	64,9
3	2	29353	66,6
3	3	29428	68,2
3	4	29503	66,5
3	5	29578	65,1
3	6	29653	63,8
4	0	29288	65,1
4	1	29363	63,3
4	2	29438	65,1
4	3	29513	66,7
4	4	29588	65
4	5	29663	63,6
4	6	29738	62,3

REMARK: Due to different calculation and rounding methods used by EDP systems, the difference of up to +/-0.1 i.u. is acceptable for DOI.

Completed by: A.Salamutin Issue No: 1 Rev.1

Checked by: A.Zubkov Date: <u>06 / 08 / 19</u>