

1 SUPPLIER'S CONTACTS

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

MAILING ADDRESS: (INC. TEL & FAX)

201-203, Kharkivske Rd.
Kyiv, 02121, UKRAINE
Ukraine International Airlines
Ground Handling Department
tel: +380 44 593-76-49

TELETYPE ADDRESSES:

KBPRDPS

E-MAIL ADDRESSES:

weight-balance@flyuia.com
AHM565-DB@flyuia.com

DATA TRANSFER METHOD:

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

Remarks:

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Completed by: A.Salamutin

Checked by: A.Zubkov

Issue No: 1 Rev.1

Date: 06 / 08 / 19

2 CARRIER'S CONTACTS

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

MAILING ADDRESS: (INC. TEL & FAX)

201-203, Kharkivske Rd.
Kyiv, 02121, UKRAINE
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:

--

Date: 06 / 08 / 19

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
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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

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

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 checked="" 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 (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 type="checkbox"/>	RQL Request List Message Recommended Practice 1709 (dispatch only)
<input checked="" 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 checked="" 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):

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.

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

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
C	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
BT	Other Transfer Baggage
BS	Short Connection Baggage
BX	Unattached (Rush) Baggage
D	Crew Baggage

2 CREW AND CREW BAGGAGE WEIGHTS

2,1 Crew weights

Description*	Gender	Flight Deck Crew Weights		Cabin Crew Weights	
		Crew	Hand Baggage	Crew	Hand Baggage
STANDARD	M	85		75	
	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)

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	84	88	70	35	0	
HOLIDAY CHARTER	76	83	69	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):

Holiday charter is a charter flight solely intended as an element of a holiday travel package (see JAR-OPS 1 for details)

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.

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:

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

3,3 Checked baggage weight

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

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

Remarks

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Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

PS

1 AIRCRAFT TYPE OR FLEET

Manufacturer: Aircraft Manufacturer

Aircraft type: IATA or ICAO aircraft type code

Series or subtype: Also referred to as suffix in the IATA SSIM manual

Aircraft Name: Aircraft type as it appears on the loadsheet

1,1 Definitions of Aircraft Units of Measure

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

Tick as appropriate

Remarks:

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Load Config:

Registrations:

2 BALANCE AND SPECIAL INFORMATION — OUTPUT ON LOADSHEET

2,1 Balance output

Item		Prelim		Final		Remarks
		EDP AHM517	ACARS AHM518	EDP AHM517	ACARS AHM518	
Basic Index	BI					
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 required)	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).

SEMI – PERMANENT DATA

Loadsheet Options

Carrier

104S

E-190STD

Load Config:

Registrations:

PS

2,3 Supplementary Information

[illegible]

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

3 BASIC INDEX AND MAC/RC FORMULA

3.1 Examples and definitions

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

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

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 =	16,7	Length units from reference datum
K (constant) =	65	
C (constant) =	500	

3.3 MAC/RC information

Length of MAC/RC =	3,682	length units
LEMAC/LERC =	15,896	length units reference datum.

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

4 CENTRE OF GRAVITY CHARTS

4.1 CG — limits for loadsheets

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: ☒

FORWARD

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

*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

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

4 CENTRE OF GRAVITY CHARTS

4.1 CG — limits for loadsheets

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 method is applied for passenger trim**

From: To: Type:

Envelope is: Certified: ☐ Curtailed: ☒

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

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

4 CENTRE OF GRAVITY CHARTS

4.1 CG — limits for loadsheets

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: **NO PAX**

Condition: **Valid ONLY if there are NO PASSENGERS on the flight**

From: To: Type:

Envelope is: Certified: ☐ Curtailed: ☒

FORWARD

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

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

4,3 Ideal Trim Line / Area

Specify Ideal Trim Line

Table Name

Condition:

From: To: Type:

Weight	Ideal Trim Area - Fwd		Ideal Trim Area - Aft	
	%MAC/RC	Index	%MAC/RC	Index
	24,00%		26,00%	

Remarks:

4,4 Tipping Limits

Weight	%MAC/RC	Index
ALL WEIGHTS	51	

Remarks:

One tipping CG is defined for all weights.

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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:

Max Volume:

Max Weight:

Fuel Density:

Fuel Density Range: Min:

Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

Issue No: 1,0

Checked by: V.Pysaruk

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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:

Max Volume:

Max Weight:

Fuel Density:

Fuel Density Range: Min:

Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

Issue No: 1,0

Checked by: V.Pysaruk

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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:

Max Volume:

Max Weight:

Fuel Density:

Fuel Density Range: Min:

Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

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Seat Config: **104S**

Aircraft Type: **E-190STD**

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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:

Max Volume:

Max Weight:

Fuel Density:

Fuel Density Range: Min:

Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

Issue No: 1,0

Checked by: V.Pysaruk

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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:

Max Volume:

Max Weight:

Fuel Density:

Fuel Density Range: Min:

Max:

Tank Names:

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

Issue No: 1,0

Checked by: V.Pysaruk

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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 Quantity		Balance Arm	Index
Volume	Weight (0.803)		
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

C

Sheet 8.8

Seat Config: **104S**

Aircraft Type: E-190STD

Carrier

Load Config:

Registrations:

PS

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

[illegible]

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

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 Quantity		Balance Arm	Index
Volume	Weight		
	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

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

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

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 Quantity		Balance Arm	Index
Volume	Weight		
	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

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name: STANDARD

Procedure Type: Standard Procedure: ☒

Max Volume:

Non-standard Procedure: ☐

Max Weight:

Fuel Density: 0,803

Fuel Density Range: Min: 0,775

Max: 0,84

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	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

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

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name: STANDARD

Procedure Type: Standard Procedure: ☒

Max Volume:

Non-standard Procedure: ☐

Max Weight:

Fuel Density: 0,803

Fuel Density Range: Min: 0,775

Max: 0,84

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	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

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

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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	
Step 1	0	16153		MAIN1	8076,5		
				MAIN2	8076,5		

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

5,4 Taxi fuel

Station or default	Standard Taxi Fuel Weight	Default burn order *	
	160	1	MAIN 1
		1	MAIN 2

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

Remarks:

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

6 STABILIZER TRIM

6,1 Settings

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

MAC/RC:	<input type="text"/>	or Range:	(From) <input type="text"/>	(To) <input type="text"/>
Flaps setting:	<input type="text" value="FLAPS -2"/>	or Range:	(From) <input type="text"/>	(To) <input type="text"/>
Thrust rating:	<input type="text"/>	or Range:	(From) <input type="text"/>	(To) <input type="text"/>

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											
	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

Remarks:

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

1 DIMENSIONS AND LIMITS

Deck	Maximum Weight	Volume	Lateral Arm		Balance Arm	
			From	To	FWD	AFT

Note: Where applicable include visual presentation of decks

Remarks:

--

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

2 HOLDS AND COMPARTMENTS

2,1 Bulk Holds

Deck Name: **LOWER**

Hold / Cpt Name	Max Weight	Volume	Lateral Arm			Balance Arm			Index per wt unit
			Centroid	From	To	Centroid	FWD	AFT	
HOLD FWD									
CPT 1	1850	10,83				8,912	5	12,83	-0,01558
HOLD AFT									
CPT 4	1650	8,92				24,002	20,39	27,6	+0,01460

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	

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

AHM565
EDP SYSTEM
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Configuration Information

ULD Configurations

D

Sheet 3

Seat Config: 104S

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

3 UNIT LOAD DEVICE (ULD) CONFIGURATIONS

3,1 ULD Positions

Hold name:

[illegible]

* 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.

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

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

4 DOORS AND LOCKS

4.1 Doors

Door ID	Hold or Cabin Name	Balance Arm		Height	L / R / C *
		FWD	AFT		
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	Type	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

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

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		Lateral Arm		Balance ARM			Index per Weight Unit
		From	To	From	To	Centroid	FWD	AFT	
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 Centroid	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

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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	
WATER TANK			28,437			+0,02347

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					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

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

Configuration Information

Seating Layout

Sheet 8.1

Carrier

PS

Layout / Facilities and balance information

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

Issue No: 1 Rev.1

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.2

Aircraft Type: E-190STD

Registrations:

PS

Layout / Facilities and balance information

[illegible]

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

Issue No: 1 Rev.1

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.3

Aircraft Type: **E-190STD**

PS

Registrations:

Layout / Facilities and balance information

[illegible]

* - 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

Configuration Information

Seating Layout

Sheet 8.4

Aircraft Type: **E-190STD**

Registrations:

Layout / Facilities and balance information

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

Issue No: 1 Rev.1

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.5

Aircraft Type: **E-190STD**

PS

Registrations:

Layout / Facilities and balance information

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

Issue No: 1 Rev.1

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.6

Carrier

PS

Layout / Facilities and balance information

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

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.7

Aircraft Type: **E-190STD**

PS

Registrations:

Layout / Facilities and balance information

[illegible]

* - 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

Configuration Information

Seating Layout

Sheet 8.8

Carrier

PS

Layout / Facilities and balance information

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

Date: 06 / 08 / 19

Date: 06 / 08 / 19

Configuration Information

Seating Layout

Sheet 8.10

Aircraft Type: **E-190STD**

Registrations:

Layout / Facilities and balance information

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

Issue No: 1 Rev.1

Date: 06 / 08 / 19

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

6,3 Saleable Configurations

6.3.1 Cabin Area Information

Cabin Section	Number of Seats per Cabin Section 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	
104S	1	26	104						
4C/96S									
C	1	2	4						
S	3	26	96						
6C/92S									
C	1	3	6						
S	4	26	92						
8C/88S									
C	1	4	8						
S	5	26	88						
10C/84S									
C	1	5	10						
S	6	26	84						
12C/80S									
C	1	6	12						
S	7	26	80						
14C/76S									
C	1	7	14						
S	8	26	76						
16C/72S									
C	1	8	16						
S	9	26	72						
18C/68S									
C	1	9	18						
S	10	26	68						
20C/64S									
C	1	10	20						
S	11	26	64						

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

7 STRUCTURAL LIMITATIONS

7,1 Running (Linear Load Limits)

Table Name:

Condition:

From: To: Type:

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

7,2 Cumulative Load Limits

Table Name:

Condition:

From: To: Type:

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

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

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

7,3 Combined Load Limits

Table Name:

Condition:

From: To: Type:

Location*	Location*	Location*	Location*	Location*	Location*	Location*	Max Combined Weight	Remarks

* Specify Aux fuel tanks, Hold, Compartment, Bay, Position, as needed

7,4 Floor Loading Limits

Table Name:

Condition:

From: To: Type:

Deck / Hold Name (or ALL)	Balance ARM		Limit Weight per Area
	From	To	

7,5 Asymmetrical Load Limits

Table Name:

Condition:

From: To: Type:

☐ Weight ☐ Linear Load

Left Side	Right Side

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

1 AIRCRAFT START WEIGHT

Basic Weight ☒

DOW ☐

2 DRY OPERATING WEIGHT

2,1 Dry Operating Weight Specification

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

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

Remarks:

DOW/DOI for all crew variants are included in the ATTACHEMENT 1-2

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*		Cabin Crew Locations*		Baggage Location		Remarks
	Location	Total	Location	Total	Flight Deck	Cabin	
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
A	G1	30			STANDARD
	G2	150			
	G3	254			
	PANORAMA	52			
	SKYSHOP	16			
Z	G1	0			
	G2	0			
	G3	0			
	PANORAMA	0			
	SKYSHOP	0			

Remarks

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

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

AHM565
EDP SYSTEM
SEMI – PERMANENT 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

[illegible]

Remarks

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

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 Weight: <input type="text"/>					Fleet %MAC:		
					Fleet Balance ARM:		
					Fleet Index:		
Registration/ Tail Number	Enter Adjustments				Weight Config Code*	Remarks (Crew Dist & Complement)	
	Weight	%MAC/RC	Balance ARM	Index			

* 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		

Note: A default registration may be identified for planning purposes.

Remarks

AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Limiting Weights

F

Sheet 1

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

1 AIRCRAFT LIMITING WEIGHTS

1,1 Maximum Weights Tables

Table Name:

Condition:

From: To: Type:

[illegible]

Remarks

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

AHM565
EDP SYSTEM
SEMI – PERMANENT DATA

Limiting Weights

F

Sheet 2

Seat Config: 104S

Aircraft Type: E-190STD

Carrier

Load Config:

Registrations:

PS

1,2 Minimum Weights Tables

Table Name:

Condition:

From: To: Type:

[illegible]

Remarks

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

AHM565

EDP SYSTEM

SEMI – PERMANENT DATA

ULD Compatibility

G

Sheet 1

Seat Config:

104S

Aircraft Type:

E-190STD

Load Config:

Registrations:

PS

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.

[illegible]

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.

Completed by: A.Zubkov

Checked by: V.Pysaruk

Issue No: 1,0

Date: 12 / 07 / 18

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

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

--

Seat Config: 104S

Aircraft Type: E-190STD

Carrier

Load Config:

Registrations:

PS

2 BUSINESS RULES (OPTIONAL)

2,1 Aircraft Business Rules

Business Rule Name

AHM565 Sheet

Ref:

Criteria - Name															Business Rule Output	
	Criteria														Output Type	Output

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Criteria - Name															Business Rule Output	
	Criteria														Output Type	Output

Add Another Rule

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations:

PS

3 BUSINESS RULES (OPTIONAL)

3,1 Carrier General Business Rules

Business Rule Name

AHM565 Sheet

Ref:

Criteria - Name

Business
Rule Output

Output Type

Output

Delete Rule

Add Another Rule

Business Rule Name

AHM565 Sheet

Ref:

Criteria - Name

Business
Rule Output

Output Type

Output

Delete Rule

Add Another Rule

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations: **UR-EMA**

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

Checked by: A.Zubkov

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Date: 06 / 08 / 19

Seat Config: **104S**

Aircraft Type: **E-190STD**

Carrier

Load Config:

Registrations: **UR-EMB**

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.