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: +38 (044) 593 77 31 (IP 79656)

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:

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: +38 (044) 593 77 31 (IP 79656)

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:

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	2017-09-22	A.Zubkov	New issue	New issue
1	1	2017-10-02	Tsymbalistov K.	Modification	Changed D2,D8.1-D8.4 Sheets
1	2	2017-12-15	Tsymbalistov K.	Weight report	Changed E5 Sheet, Att.3
1	3	2018-01-23	Tsymbalistov K.	Modification	Changed C7 Sheet
1	4	2018-02-19	Tsymbalistov K.	Weight report	Changed SheetA3,4.1-4.2,E5,Att.4
1	5	14.06.2019	Salamutin A.	Modification	Changed A1,A3,A4.1-4.2,B1,C5.1-5.2,E5,F1 Sheets. Deleted Att.1-2.Renamed Att.3-4

* Short description of changes

** If issue nomber changes, "Update Complete Document", else"N/U/D section sheet paragraph".

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.5	2019 06 14
Section A	Sheet 2		Issue 1	2017 09 22
Section A	Sheet 3		Issue 1 Rev.5	2019 06 14
Section A	Sheet 4.1		Issue 1 Rev.5	2019 06 14
Section A	Sheet 4.2		Issue 1 Rev.5	2019 06 14
Section A	Sheet 5		Issue 1	2017 09 22
Section B	Sheet 1		Issue 1 Rev.5	2019 06 14
Section B	Sheet 2		Issue 1	2017 09 22
Section B	Sheet 3		Issue 1	2017 09 22
Section B	Sheet 4		Issue 1	2017 09 22
Section B	Sheet 5		Issue 1	2017 09 22
Section C	Sheet 1		Issue 1	2017 09 22
Section C	Sheet 2		Issue 1	2017 09 22
Section C	Sheet 3		Issue 1	2017 09 22
Section C	Sheet 4		Issue 1	2017 09 22
Section C	Sheet 5.1		Issue 1 Rev.5	2019 06 14
Section C	Sheet 5.2		Issue 1 Rev.5	2019 06 14
Section C	Sheet 6		Issue 1	2017 09 22
Section C	Sheet 7		Issue 1	2018 01 23
Section C	Sheet 8.1		Issue 1	2017 09 22
Section C	Sheet 8.2		Issue 1	2017 09 22
Section C	Sheet 8.3		Issue 1	2017 09 22
Section C	Sheet 8.4		Issue 1	2017 09 22
Section C	Sheet 9.1		Issue 1	2017 09 22
Section C	Sheet 9.2		Issue 1	2017 09 22
Section C	Sheet 9.3		Issue 1	2017 09 22
Section C	Sheet 9.4		Issue 1	2017 09 22
Section C	Sheet 10		Issue 1	2017 09 22
Section C	Sheet 11		Issue 1	2017 09 22
Section D	Sheet 1		Issue 1	2017 09 22
Section D	Sheet 2		Issue 1	2017 10 02
Section D	Sheet 3		Issue 1	2017 09 22
Section D	Sheet 4		Issue 1	2017 09 22
Section D	Sheet 5		Issue 1	2017 09 22
Section D	Sheet 6		Issue 1	2017 09 22
Section D	Sheet 7		Issue 1	2017 09 22

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 8.1		Issue 1	2017 10 02
Section D	Sheet 8.2		Issue 1	2017 10 02
Section D	Sheet 8.3		Issue 1	2017 10 02
Section D	Sheet 8.4		Issue 1	2017 10 02
Section D	Sheet 9		Issue 1	2017 09 22
Section D	Sheet 10		Issue 1	2017 09 22
Section D	Sheet 11		Issue 1	2017 09 22
Section E	Sheet 1		Issue 1	2017 09 22
Section E	Sheet 2		Issue 1	2017 09 22
Section E	Sheet 3		Issue 1	2017 09 22
Section E	Sheet 4		Issue 1	2017 09 22
Section E	Sheet 5		Issue 1 Rev.5	2019 06 14
Section F	Sheet 1		Issue 1 Rev.5	2019 06 14
Section F	Sheet 2		Issue 1	2017 09 22
Section G	Sheet 1		Issue 1	2017 09 22
Section H	Sheet 1		Issue 1	2017 09 22
Section H	Sheet 2		Issue 1	2017 09 22
Section H	Sheet 3		Issue 1	2017 09 22
Attachment 1			Issue 1 Rev.5	2019 06 14
Attachment 2			Issue 1 Rev.5	2019 06 14

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 Message AHM 584
X	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
X	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.

1 STANDARD UNITS AND CODES

1,1 Definition of airline units of measure

Unit	Measurement (tick one for each unit)
Weight:	[X] Kilogram [ ] 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
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	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
X	

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
X	

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:

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

4 ULDs

4,1 ULD Specifications

ULD Type	Default*	Begin Serial Number	End Serial Number	Owner Code	Tare Weight	Max Weight	Max Volume

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

Remarks

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Aircraft Information Units of Measurement	C Sheet 1
Seat Config: 186S Load Config:	Aircraft Type: 737-8HX	Carrier PS

1 AIRCRAFT TYPE OR FLEET

Manufacturer:	BOEING	Aircraft Manufacturer
Aircraft type:	738	IATA or ICAO aircraft type code
Series or subtype:	737-8HX	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	X	Kilograms		US Pounds
Length		Centimeters	X	Inches
		Metres		Feet
Liquid Volume	X	Litres		US Gallons
Volume	X	Cubic Metres		Cubic Feet
Fuel Density	X	KG / Litre		LB / Litre
		KG / US Gallon		LB / US Gallon
Moments	X	KG Inches		LB Inches
		KG Centimeters		LB Centimeters
		KG Metres		LB Metres

Tick as appropriate

Remarks:

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		
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		
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).

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

2,3 Supplementary Information

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

3 BASIC INDEX AND MAC/RC FORMULA

3,1 Examples and definitions

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

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

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 =	658,3	Length units from reference datum
K (constant) =	45	
C (constant) =	40000	

3.3 MAC/RC information

Length of MAC/RC =	155,8	length units
LEMAC/LERC =	627,1	length units reference datum.

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: **LW GT 65317 KG**

Condition:

From: **65317** To: Type: **Landing Weight**

Envelope is: Certified: Curtailed: X

FORWARD

Specify applicability *	Weight	MAC	Index
ZERO FUEL	35000	12,92	35,31
	44420	11,48	30,21
	45463	20,45	45,75
	47463	20,08	45,10
	58530	13,77	30,74
	60258	15,49	34,35
	62731	16,75	37,00
TAKE OFF	35000	12,92	35,31
	61688	9,97	20,84
	65317	9,75	18,86
	68000	11,01	21,12
LANDING	35000	12,92	35,31
	61688	9,97	20,84
	65317	9,75	18,86
	66360	17,7	38,99

AFT

Specify applicability *	Weight	MAC	Index
ZERO FUEL	35000	23,93	50,32
	36287	24,52	51,35
	47627	30,07	63,63
	62731	31,5	73,04
TAKE OFF	35000	17,77	41,92
	36287	18,35	42,63
	66360	30,1	71,04
	68000	29,51	70,13
LANDING	35000	17,77	41,92
	36287	18,35	42,63
	66360	30,1	71,04

*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.)

4 CENTRE OF GRAVITY CHARTS

4,1 CG — limits for loadsheet

Purposes

Enter the forward and the aft balance limits in the boxes, commencing at the lowest possible operating weight and terminating at the highest possible operating weight to be checked.

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

Table Name: **STD**

Condition:

From: To: Type:

Envelope is: Certified: Curtailed: X

FORWARD

Specify applicability *	Weight	MAC	Index
ZERO FUEL	35000	12,92	35,31
	62731	9,9	20,26
TAKE OFF	35000	12,92	35,31
	61688	9,97	20,84
	65317	9,75	18,86
	68000	11,01	21,13
LANDING	35000	12,92	35,31
	61688	9,97	20,84
	65317	9,75	18,86
	66360	17,7	38,99

AFT

Specify applicability *	Weight	MAC	Index
ZERO FUEL	35000	23,93	50,32
	36287	24,52	51,35
	47627	30,07	63,63
	62731	31,5	73,04
TAKE OFF	35000	17,77	41,92
	36287	18,35	42,63
	66360	30,1	71,04
	68000	29,51	70,13
LANDING	35000	17,77	41,92
	36287	18,35	42,63
	66360	30,1	71,04

*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.)

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

4,2 Curtailments

To be used if manufacturers envelope is supplied

Type / Name	Specify Applicability*					Fwd		AFT		Sum of Square Y/N	Applicability Rule
	TA	TO	LD	ZF	IN	% MAC	Index	% MAC	Index		

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

Remarks:

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
35000	16,08%	39,63	19,75%	44,63
36787	17,27%	41,06	20,76%	46,06
48127	24,47%	53,34	27,14%	58,34
51755	25,28%	55,59	27,76%	60,59
58920	18,65%	41,85	20,83%	46,85
62731	20,01%	44,96	22,06%	49,96

Remarks: *When planning the load distribution, loads must be distributed within cargo holds in such a way that the resulting TTMAC value does not exceed 41%. If TTMAC exceeds 41%, the minimum amount of load must be moved to the forward cargo hold, which is required to decrease the TTMAC value to less than 41% The TTMAC value of 41% or higher is only allowed if any of forward C.G. limits is exceeded. Compliance with this requirement will increase the ground stabil during ground operations and maintain the reasonable level of fuel efficiency during the flight. The ideal trim area is designed to help plan the load distributic in such a way that the resulting TTMAC value does not exceed 41%.*

Generally, if MAC ZFW does not exceed the aft limit of the ideal trim area,

4,4 Tipping Limits

Weight	%MAC/RC	Index
ALL WEIGHTS	41	

Remarks:

One tipping CG is defined for all weights.

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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: CENTER
Max Volume: 16273
Max Weight:
Fuel Density: 0,803 Fuel Density Range: Min: 0,755 Max: 0,85
Tank Names: CENTER

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
400	321	610,2	-0,39
800	642	609,8	-0,78
1200	964	608,3	-1,20
1600	1285	607,1	-1,64
2000	1606	606,3	-2,09
2400	1927	605,5	-2,54
2800	2248	605,1	-2,99
3200	2570	605,1	-3,42
3600	2891	604,7	-3,87
4000	3212	604,7	-4,30
4400	3533	604,7	-4,73
4800	3854	604,7	-5,16
5200	4176	604,7	-5,60
5600	4497	604,7	-6,03
6000	4818	605,1	-6,41
6400	5139	605,1	-6,84
6800	5460	605,1	-7,26
7200	5782	605,5	-7,63
7600	6103	605,5	-8,06
8000	6424	605,5	-8,48
8400	6745	605,9	-8,84
8800	7066	605,9	-9,26

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

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: CENTER
Max Volume: 16273
Max Weight:
Fuel Density: 0,803 Fuel Density Range: Min: 0,755 Max: 0,85
Tank Names: CENTER

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
9200	7388	605,9	-9,68
9600	7709	606,3	-10,02
10000	8030	606,3	-10,44
10400	8351	606,3	-10,86
10800	8672	606,3	-11,27
11200	8994	606,7	-11,60
11600	9315	606,7	-12,02
12000	9636	606,7	-12,43
12400	9957	606,7	-12,84
12800	10278	606,7	-13,26
13200	10600	606,7	-13,67
13600	10921	606,7	-14,09
14000	11242	606,7	-14,50
14400	11563	606,3	-15,03
14800	11884	606,3	-15,45
15200	12206	606,3	-15,87
15600	12527	605,9	-16,41
16000	12848	605,5	-16,96
16273	13067	605,4	-17,28

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

Seat Config: **186S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
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 1
Max Volume: 4875,5
Max Weight:
Fuel Density: 0,803 Fuel Density Range: Min: 0,755 Max: 0,85
Tank Names: MAIN 1

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
200	161	656,7	-0,01
400	321	656,7	-0,01
600	482	657,1	-0,01
800	642	657,9	-0,01
1000	803	658,7	0,01
1200	964	659,4	0,03
1400	1124	660,6	0,06
1600	1285	661,4	0,10
1800	1445	662,6	0,16
2000	1606	663,4	0,20
2200	1767	664,6	0,28
2400	1927	666,1	0,38
2600	2088	668,1	0,51
2800	2248	670,1	0,66
3000	2409	672	0,83
3200	2570	674,4	1,03
3400	2730	676,8	1,26
3600	2891	679,1	1,50
3800	3051	681,9	1,80
4000	3212	685	2,14
4200	3373	688,2	2,52
4400	3533	691,3	2,91
4600	3694	694,9	3,38
4800	3854	698,8	3,90
4875,5	3915	700,2	4,10

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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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: 4875,5
Max Weight:
Fuel Density: 0,803 Fuel Density Range: Min: 0,755 Max: 0,85
Tank Names: MAIN 2

Fuel Quantity		Balance Arm	Index
Volume	Weight (0.803)		
200	161	656,7	-0,01
400	321	656,7	-0,01
600	482	657,1	-0,01
800	642	657,9	-0,01
1000	803	658,7	0,01
1200	964	659,4	0,03
1400	1124	660,6	0,06
1600	1285	661,4	0,10
1800	1445	662,6	0,16
2000	1606	663,4	0,20
2200	1767	664,6	0,28
2400	1927	666,1	0,38
2600	2088	668,1	0,51
2800	2248	670,1	0,66
3000	2409	672	0,83
3200	2570	674,4	1,03
3400	2730	676,8	1,26
3600	2891	679,1	1,50
3800	3051	681,9	1,80
4000	3212	685	2,14
4200	3373	688,2	2,52
4400	3533	691,3	2,91
4600	3694	694,9	3,38
4800	3854	698,8	3,90
4875,5	3915	700,2	4,10

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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: 0,755 Max: 0,85

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	0		0
	213		-0,01
	426		-0,02
	640		-0,03
	853		-0,03
	1066		-0,03
	1279		-0,01
	1493		0
	1706		0,03
	1919		0,05
	2132		0,1
	2346		0,15
	2559		0,2
	2772		0,27
	2985		0,34
	3199		0,41
	3412		0,5
	3625		0,61
	3838		0,74
	4052		0,91
	4265		1,1
	4478		1,31
	4691		1,52
	4904		1,76
	5118		2,04

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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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: 0,755 Max: 0,85

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	5331		2,34
	5544		2,65
	5757		2,97
	5971		3,35
	6184		3,77
	6397		4,23
	6610		4,72
	6824		5,23
	7037		5,76
	7250		6,35
	7463		7
	7677		7,7
	7830		8,2
	7890		8,13
	8103		7,87
	8316		7,61
	8529		7,35
	8743		7,07
	8956		6,78
	9169		6,48
	9382		6,19
	9596		5,89
	9809		5,59
	10022		5,29
	10235		5
	10449		4,72
	10662		4,41

Seat Config: **186S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
PS

5,2 Effect of Fuel - Cumulative

Enter fueling procedure information.

Procedure Name: STANDARD
Procedure Type: Standard Procedure: X
Non-standard Procedure:
Max Volume:
Max Weight:
Fuel Density: 0,803
Fuel Density Range: Min: 0,755 Max: 0,85

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	10875		4,12
	11088		3,84
	11302		3,55
	11515		3,26
	11728		2,98
	11941		2,69
	12155		2,41
	12368		2,13
	12581		1,87
	12794		1,6
	13007		1,32
	13221		1,03
	13434		0,77
	13647		0,52
	13860		0,24
	14074		-0,04
	14287		-0,31
	14500		-0,55
	14713		-0,82
	14927		-1,09
	15140		-1,37
	15353		-1,62
	15566		-1,86
	15780		-2,13
	15993		-2,41
	16206		-2,69
	16419		-2,96

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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier** **PS**
Load Config:	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: 0,755 Max: 0,85

Fuel Quantity		Balance Arm	Index
Volume	Weight		
	16633		-3,21
	16846		-3,43
	17059		-3,7
	17272		-3,98
	17485		-4,25
	17699		-4,53
	17912		-4,8
	18125		-5,08
	18338		-5,35
	18552		-5,63
	18765		-5,9
	18978		-6,18
	19191		-6,5
	19405		-6,84
	19618		-7,12
	19831		-7,4
	20044		-7,68
	20258		-8,04
	20471		-8,4
	20684		-8,77
	20897		-9,08

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

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	9751		CENTRE	0		
				MAIN 1	4875,5		
				MAIN 2	4875,5		
Step 2	9752	26024		CENTRE	16273		
				MAIN 1	4875,5		
				MAIN 2	4875,5		

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

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

5,4 Taxi fuel

Station or default	Standard Taxi Fuel Weight	Default burn order *	
	200	1	CENTRE
		2	MAIN 1
		2	MAIN 2

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

Remarks:

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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:		or Range:	(From)		(To)	
Flaps setting:	TO1/5	or Range:	(From)		(To)	
Thrust rating:	**26K**	or Range:	(From)		(To)	

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

Nose Indication	From	To

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

Take off Weight	%MAC/RC and corresponding STAB										Change per 1% MAC/RC	
	6	8,5	9	32,5	34,4	36						
36287	6,2			2,7		2,7						
45359	6,2			2,7		2,7						
50000	6,6				2,7	2,7						
60000	7,5					2,9						
70000	8,3					3,4						
80000	8,5	8,5				3,8						
81646	8,5		8,5			3,9						

Remarks:

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier** **PS**
Load Config:	Registrations:	

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: **186S**	Aircraft Type: **737-8HX**	**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	814	4,38				234,8	198	297	-0,01059
SEC	11	504	2,97		Full Width		219	198	240	-0,01098
SEC	12	310	1,41		Left		268,1	240	297	-0,00975
CPT	2	2440	14,63				398,4	297	500	-0,00650
SEC	21	2440	14,63		Full Width		398,4	297	500	-0,00650
HOLD	AFT									
CPT	3	3777	20,75				867,2	731	1004	+0,00522
SEC	31	3777	20,75		Full Width		867,2	731	1004	+0,00522
CPT	4	667	3,84				1077,8	1004	1160	+0,01049
SEC	41	310	1,41		Left		1030,9	1004	1061	+0,00932
SEC	42	357	2,43		Full Width		1105	1061	1160	+0,01117

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	

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

3 UNIT LOAD DEVICE (ULD) CONFIGURATIONS

3,1 ULD Positions

Hold name:

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

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

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

4 DOORS AND LOCKS

4,1 Doors

Door ID	Hold or Cabin Name	Balance Arm		Height	L / R / C *
		FWD	AFT		
1	FWD	244	292		R
1	AFT	1009	1057		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.

Seat Config: **186S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
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	7			294,29			-0,00910
0B		8	15			521,25			-0,00343
0C		16	23			773,63			+0,00288
0D		24	31			1007,50			+0,00873

5,2 Flight Deck Locations

Location		Maximum Nbr of Seats	Lateral Arm Centroid	Balance Arm Centroid	Index per Weight Unit
FD (PILOTS)		2		32	-0,01566
J02 (OBS 2)		1		60	-0,01496
J01 (OBS 1)		1		67	-0,01478

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		116	-0,01356
F02 (FWD 2)		1		116	-0,01356
A01 (AFT 1)		1		1171	+0,01282
A02 (AFT 2)		1		1171	+0,01282
A03 (AFT 3)		1		1171	+0,01282
A04 (AFT 4)		1		1171	+0,01282

Seat Config: **186S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
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	
LINES			682,7			+0,00061
WATER TANK			1170,3			+0,01280

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	566				86			-0,01431
GALLEY	G2	680				150			-0,01271
GALLEY	G4B	1075				1215			+0,01392
STOWAGE	PANORAMA					660,613			+0,00006
STOWAGE	SKYSHOP					660,613			+0,00006

6 SEATING

6,1 Seating Layout

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

Show the passenger seating layout for the configurations given in the box at the top by inserting the seat row numbers and letters in the following table. For special seats use the description codes listed below.

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

Infants(INF)

General Requirements:

Window seat for adult passenger with inf - 1 INF per seat block.

Prohibited location:

*in emergency rows

*in the first row of economy class cabin

Aircraft baby bassinets

Not applicable

Unaccompanied minors

Max number 20 persons. Any seats.Prohibited location - Em. exit rows(for child up to 16 years).

WCHR,WCHS - any aisle seats,preferable close to toilets Prohibited in emergency rows.

WCHC - any window seat. Prohibited in emergency rows.

BLND,DEAF Prohibited in emergency rows.

STCR - last 3 rows in economy class cabin.Seats A,B,C.

Any combination of WCHR,WCHS,WCHC,BLND,DEAF,STCR shall not exceed 6 persons.

Seat Config: **0C/186S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier											Max Weight*		Max seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F									
0A	1	N	N	N		N	N	N							6	197	-0,01153
0A	2	NI	N	N		N	N	NI							6	230	-0,01071
0A	3	NIC	N	NC		NC	N	NIC							6	263	-0,00988
0A	4	NI	N	N		N	N	NI							6	296	-0,00906
0A	5	NI	N	N		N	N	NI							6	329	-0,00823
0A	6	NI	N	N		N	N	NI							6	358	-0,00751
0A	7	NI	N	N		N	N	NI							6	387	-0,00678
0B	8	NI	N	N		N	N	NI							6	416	-0,00606
0B	9	NI	N	N		N	N	NI							6	445	-0,00533
0B	10	NI	N	N		N	N	NI							6	474	-0,00461
0B	11	NI	N	N		N	N	NI							6	503	-0,00388
0B	12	NI	N	N		N	N	NI							6	532	-0,00316
0B	13	NI	N	N		N	N	NI							6	561	-0,00243
0B	14	NE	NE	NE		NE	NE	NE							6	600	-0,00146
0B	15	NE	NE	NE		NE	NE	NE							6	639	-0,00048
0C	16	NI	N	N		N	N	NI							6	669	0,00027
0C	17	NI	N	N		N	N	NI							6	699	0,00102
0C	18	NI	N	N		N	N	NI							6	729	0,00177
0C	19	NI	N	N		N	N	NI							6	759	0,00252
0C	20	NI	N	N		N	N	NI							6	789	0,00327
0C	21	NI	N	N		N	N	NI							6	819	0,00402
0C	22	NI	N	N		N	N	NI							6	848	0,00474
0C	23	NI	N	N		N	N	NI							6	877	0,00547
0D	24	NI	N	N		N	N	NI							6	906	0,00619
0D	25	NI	N	N		N	N	NI							6	935	0,00692
0D	26	NI	N	N		N	N	NI							6	964	0,00764
0D	27	NI	N	N		N	N	NI							6	993	0,00837
0D	28	NI	N	N		N	N	NI							6	1022	0,00909
0D	29	NI	N	N		N	N	NI							6	1051	0,00982
0D	30	NI	N	N		N	N	NI							6	1080	0,01054
0D	31	NI	N	N		N	N	NI							6	1109	0,01127

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

Seat Config: **12C/168S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier											Max Weight*		Max seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F									
0A	1	NI	Y	N		N	Y	NI							4	197	-0,01153
0A	2	NI	Y	N		N	Y	NI							4	230	-0,01071
0A	3	NIC	Y	NC		NC	Y	NIC							4	263	-0,00988
0A	4	NI	N	N		N	N	NI							6	296	-0,00906
0A	5	NI	N	N		N	N	NI							6	329	-0,00823
0A	6	NI	N	N		N	N	NI							6	358	-0,00751
0A	7	NI	N	N		N	N	NI							6	387	-0,00678
0B	8	NI	N	N		N	N	NI							6	416	-0,00606
0B	9	NI	N	N		N	N	NI							6	445	-0,00533
0B	10	NI	N	N		N	N	NI							6	474	-0,00461
0B	11	NI	N	N		N	N	NI							6	503	-0,00388
0B	12	NI	N	N		N	N	NI							6	532	-0,00316
0B	13	NI	N	N		N	N	NI							6	561	-0,00243
0B	14	NE	NE	NE		NE	NE	NE							6	600	-0,00146
0B	15	NE	NE	NE		NE	NE	NE							6	639	-0,00048
0C	16	NI	N	N		N	N	NI							6	669	0,00027
0C	17	NI	N	N		N	N	NI							6	699	0,00102
0C	18	NI	N	N		N	N	NI							6	729	0,00177
0C	19	NI	N	N		N	N	NI							6	759	0,00252
0C	20	NI	N	N		N	N	NI							6	789	0,00327
0C	21	NI	N	N		N	N	NI							6	819	0,00402
0C	22	NI	N	N		N	N	NI							6	848	0,00474
0C	23	NI	N	N		N	N	NI							6	877	0,00547
0D	24	NI	N	N		N	N	NI							6	906	0,00619
0D	25	NI	N	N		N	N	NI							6	935	0,00692
0D	26	NI	N	N		N	N	NI							6	964	0,00764
0D	27	NI	N	N		N	N	NI							6	993	0,00837
0D	28	NI	N	N		N	N	NI							6	1022	0,00909
0D	29	NI	N	N		N	N	NI							6	1051	0,00982
0D	30	NI	N	N		N	N	NI							6	1080	0,01054
0D	31	NI	N	N		N	N	NI							6	1109	0,01127

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

Seat Config: **16C/162S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier											Max Weight*		Max seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F									
0A	1	NI	Y	N		N	Y	NI							4	197	-0,01153
0A	2	NI	Y	N		N	Y	NI							4	230	-0,01071
0A	3	NIC	Y	NC		NC	Y	NIC							4	263	-0,00988
0A	4	NI	Y	N		N	Y	NI							4	296	-0,00906
0A	5	NI	N	N		N	N	NI							6	329	-0,00823
0A	6	NI	N	N		N	N	NI							6	358	-0,00751
0A	7	NI	N	N		N	N	NI							6	387	-0,00678
0B	8	NI	N	N		N	N	NI							6	416	-0,00606
0B	9	NI	N	N		N	N	NI							6	445	-0,00533
0B	10	NI	N	N		N	N	NI							6	474	-0,00461
0B	11	NI	N	N		N	N	NI							6	503	-0,00388
0B	12	NI	N	N		N	N	NI							6	532	-0,00316
0B	13	NI	N	N		N	N	NI							6	561	-0,00243
0B	14	NE	NE	NE		NE	NE	NE							6	600	-0,00146
0B	15	NE	NE	NE		NE	NE	NE							6	639	-0,00048
0C	16	NI	N	N		N	N	NI							6	669	0,00027
0C	17	NI	N	N		N	N	NI							6	699	0,00102
0C	18	NI	N	N		N	N	NI							6	729	0,00177
0C	19	NI	N	N		N	N	NI							6	759	0,00252
0C	20	NI	N	N		N	N	NI							6	789	0,00327
0C	21	NI	N	N		N	N	NI							6	819	0,00402
0C	22	NI	N	N		N	N	NI							6	848	0,00474
0C	23	NI	N	N		N	N	NI							6	877	0,00547
0D	24	NI	N	N		N	N	NI							6	906	0,00619
0D	25	NI	N	N		N	N	NI							6	935	0,00692
0D	26	NI	N	N		N	N	NI							6	964	0,00764
0D	27	NI	N	N		N	N	NI							6	993	0,00837
0D	28	NI	N	N		N	N	NI							6	1022	0,00909
0D	29	NI	N	N		N	N	NI							6	1051	0,00982
0D	30	NI	N	N		N	N	NI							6	1080	0,01054
0D	31	NI	N	N		N	N	NI							6	1109	0,01127

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

Seat Config: **20C/156S**
Load Config:

Aircraft Type: **737-8HX**
Registrations:

Carrier
PS

6,2 Seat Plan

Layout / Facilities and balance information

Section	Row	Seat Identifier											Max Weight*		Max seats	Balance Arm	Index per weight unit
		A	B	C		D	E	F									
0A	1	NI	Y	N		N	Y	NI							4	197	-0,01153
0A	2	NI	Y	N		N	Y	NI							4	230	-0,01071
0A	3	NIC	Y	NC		NC	Y	NIC							4	263	-0,00988
0A	4	NI	Y	N		N	Y	NI							4	296	-0,00906
0A	5	NI	Y	N		N	Y	NI							4	329	-0,00823
0A	6	NI	N	N		N	N	NI							6	358	-0,00751
0A	7	NI	N	N		N	N	NI							6	387	-0,00678
0B	8	NI	N	N		N	N	NI							6	416	-0,00606
0B	9	NI	N	N		N	N	NI							6	445	-0,00533
0B	10	NI	N	N		N	N	NI							6	474	-0,00461
0B	11	NI	N	N		N	N	NI							6	503	-0,00388
0B	12	NI	N	N		N	N	NI							6	532	-0,00316
0B	13	NI	N	N		N	N	NI							6	561	-0,00243
0B	14	NE	NE	NE		NE	NE	NE							6	600	-0,00146
0B	15	NE	NE	NE		NE	NE	NE							6	639	-0,00048
0C	16	NI	N	N		N	N	NI							6	669	0,00027
0C	17	NI	N	N		N	N	NI							6	699	0,00102
0C	18	NI	N	N		N	N	NI							6	729	0,00177
0C	19	NI	N	N		N	N	NI							6	759	0,00252
0C	20	NI	N	N		N	N	NI							6	789	0,00327
0C	21	NI	N	N		N	N	NI							6	819	0,00402
0C	22	NI	N	N		N	N	NI							6	848	0,00474
0C	23	NI	N	N		N	N	NI							6	877	0,00547
0D	24	NI	N	N		N	N	NI							6	906	0,00619
0D	25	NI	N	N		N	N	NI							6	935	0,00692
0D	26	NI	N	N		N	N	NI							6	964	0,00764
0D	27	NI	N	N		N	N	NI							6	993	0,00837
0D	28	NI	N	N		N	N	NI							6	1022	0,00909
0D	29	NI	N	N		N	N	NI							6	1051	0,00982
0D	30	NI	N	N		N	N	NI							6	1080	0,01054
0D	31	NI	N	N		N	N	NI							6	1109	0,01127

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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

6,3 Saleable Configurations

Repeat 6.3 for each saleable configuration.

Saleable Configuration:

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	
186S	1	31	186						
12C/168S									
C	1	3	12						
S	4	31	168						
16C/162S									
C	1	4	16						
S	5	31	162						
20C/156S									
C	1	5	20						
S	6	31	156						

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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Dry Operating Weight Build-Up	E Sheet 1
Seat Config: 186S Load Config:	Aircraft Type: 737-8HX Registrations:	Carrier PS

1 AIRCRAFT START WEIGHT

Basic Weight [X]

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 1/2/3/4

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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 1)	Pos1			
	FD (PILOTS)	Pos2	A01 (AFT 1)	Pos2			
	J01 (OBS 1)	Pos3	A02 (AFT 2)	Pos3			
	J02 (OBS 2)	Pos4	F02 (FWD 2)	Pos4			
			A03 (AFT 3)	Pos5			
			A04 (AFT 4)	Pos6			
			Row 3	Pos 7			
			Row 3	Pos 8			

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	117			STANDARD
	G2	204			
	G4B	405			
	PANORAMA	93			
	SKY SHOP	20			
Z	G1	0			
	G2	0			
	G4B	0			
	PANORAMA	0			
	SKY SHOP	0			

Remarks

2,4 Potable Water Codes

Provide either full breakdown or total weight overall effect.

Potable Water Code	Tank Name	Weight	Index	Remarks
10	LINES	10		
	WATER TANK	0		
236	LINES	10		
	WATER TANK	226		

2,5 Standard Service Weight Adjustment Codes

Adjustment Code	Description	Weight	Balance Arm	Index	Remarks
APU OUT		-181		-3,04	

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

2,6 Weight Configuration Codes

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

Remarks

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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: 41120					**Fleet %MAC:**	
					Fleet Balance ARM:	
					Fleet Index:	44,72
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-PSC	40965			45,288		
UR-PSD	40734			43,873		

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

Remarks

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations:	**PS**

1 AIRCRAFT LIMITING WEIGHTS

1,1 Maximum Weights Tables

Table Name:

Condition:

From: To: Type:

Weight Table Name	Registration	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight	Remarks
STANDARD		62731	66360	68000	68227	Effective from 16:00UTC 14.06.2019

Remarks

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
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.

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

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.

Seat Config: **186S**	Aircraft Type: **737-8HX**	**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 Incompatability

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

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	Business Rules Aircraft Specific	H Sheet 2
Seat Config: 186S Load Config:	Aircraft Type: 737-8HX Registrations:	Carrier 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

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Delete Rule

Add Another Rule

Business Rule Name | AHM565 Sheet | Ref:

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | AHM565 Sheet | Ref:

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | AHM565 Sheet | Ref:

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | AHM565 Sheet | Ref:

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Completed by: A.Zubkov
Checked by: K.Tsymbalistov

Issue No: 1,0
Date: 22 / 09 / 17

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	**Business Rules Aircraft Specific**	**H** Sheet 3
Seat Config: **186S** Load Config:	Aircraft Type: **737-8HX** Registrations:	**Carrier** **PS**

3 BUSINESS RULES (OPTIONAL)

3,1 Carrier General Business Rules

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	**Output Type**	Output

Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output		
Criteria	**Output Type**	Output	Delete Rule
Criteria	**Output Type**	Output	Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output		
Criteria	**Output Type**	Output	Delete Rule

Add Another Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output		
Criteria	**Output Type**	Output	Delete Rule

Add Another Rule

Business Rule Name | AHM565 Sheet | Ref:

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Business Rule Name | **AHM565 Sheet** | **Ref:**

Criteria - Name	Business Rule Output	
Criteria	Output Type	Output

Add Another Rule | Delete Rule

Completed by: A.Zubkov
Checked by: K.Tsymbalistov

Issue No: 1,0
Date: 22 / 09 / 17

AHM565 EDP SYSTEM SEMI – PERMANENT DATA	ATTACHMENT 1	
Seat Config: **186S** Load Config:	Aircraft Type: **737-8HX** Registrations: **UR-PSC**	**Carrier** **PS**

CERTIFIED WEIGHT LIMITATIONS

Weight Table Name	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight
STANDARD	62731	66360	68000	68227

UR-PSC DOW/DOI Table

DOW and DOI for Crew Variant			
Actual Crew		DOW	DOI
2	0	42210	46.9
2	1	42285	45.9
2	2	42360	46.8
2	3	42435	47.8
2	4	42510	46.8
2	**5**	**42585**	**47.8**
2	6	42660	48.7
2	7	42735	48
2	8	42810	47.2
3	0	42295	45.6
3	1	42370	44.6
3	2	42445	45.6
3	3	42520	46.6
3	4	42595	45.5
3	5	42670	46.5
3	6	42745	47.5
3	7	42820	46.7
3	8	42895	46
4	0	42380	44.4
4	1	42455	43.4
4	2	42530	44.3
4	3	42605	45.3
4	4	42680	44.3
4	5	42755	45.2
4	6	42830	46.2
4	7	42905	45.4
4	8	42980	44.7

REMARK:
in case of **APU** removed
use DOW/DOI
corrections below:

Weight	Index
-181	-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.

Seat Config: **186S**	Aircraft Type: **737-8HX**	**Carrier**
Load Config:	Registrations: **UR-PSD**	**PS**

CERTIFIED WEIGHT LIMITATIONS

Weight Table Name	Zero Fuel Weight	Landing Weight	Take Off Weight	Ramp/Taxi Weight
STANDARD	62731	66360	68000	68227

UR-PSD DOW/DOI Table

DOW and DOI for Crew Variant			
Actual Crew		DOW	DOI
2	0	41979	45.5
2	1	42054	44.5
2	2	42129	45.4
2	3	42204	46.4
2	4	42279	45.4
2	**5**	**42354**	**46.3**
2	6	42429	47.3
2	7	42504	46.6
2	8	42579	45.8
3	0	42064	44.2
3	1	42139	43.2
3	2	42214	44.2
3	3	42289	45.1
3	4	42364	44.1
3	5	42439	45.1
3	6	42514	46
3	7	42589	45.3
3	8	42664	44.6
4	0	42149	43
4	1	42224	41.9
4	2	42299	42.9
4	3	42374	43.9
4	4	42449	42.8
4	5	42524	43.8
4	6	42599	44.8
4	7	42674	44
4	8	42749	43.3

REMARK:
in case of **APU** removed
use DOW/DOI
corrections below:

Weight	Index
-181	-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.