



Airport Handling Manual

AHM-560

Boeing 737-500

VP-BVL	VP-BYK
VP-BVN	VP-BYL
VP-BVZ	VP-BYM
VQ-BAC	VQ-BAD
VQ-BAE	VP-BXO
VP-BXQ	VP-BXR
VP-BXV	VP-BXU
VP-BXY	VP-BXZ

EDP-SYSTEM
SEMI-PERMANENT DATA

COMMUNICATION
ADDRESSES

A
Sheet 1

Carrier
UT

1. SUPPLIERS' CONTACT ADDRESS

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

MAILING ADDRESS:

TELETYPE ADDRESS:

E-MAIL ADDRESS:

REMARKS:

2. CARRIER'S CONTACT ADDRESS

MAILING ADDRESS: UTair Aviation,
Khanty-Mansiysk airport,
Khanty-Mansiysk autonomous district,
Tyumen region, 628012, Russia

TELETYPE ADDRESS:

E-MAIL ADDRESS: ANutretsov@tjm.utair.ru

REMARKS:

Completed by:
(Signature)



A. Nutretsov

Issue No.: A1/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

COMMUNICATION ADDRESSES

A
Sheet 2

Carrier
UT

3. AUTOMATICALLY PRODUCED DOCUMENTS (tick as required)

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

4. MESSAGE REQUIREMENTS (tick as required)

- ☒ LDM Load Message AHM 583
- ☐ ALI Abbreviated Load Information Message AHM 584
- ☐ CPM Container/Pallet Distribution Message AHM 587
- ☐ UCM ULD Control Message AHM 424 (dispatch only)
- ☒ MVT Movement Messages AHM 730 and 780
- ☐ DIV Diversion Message AHM 781
- ☒ SOM Seats Occupied Message Recommended Practice 1712
- ☒ PTM Passenger Transfer Message Recommended Practice 1718
- ☒ PSM Passenger Service Message Recommended Practice 1715 (dispatch only)
- ☒ TPM Teletype Passenger Manifest Recommended Practice 1717 (dispatch only)
- ☐ PFS Passenger Final Sales Message Recommended Practice 1719 (dispatch only)
- ☐ IDM Industry Discount Message Recommended Practice 1714
- ☐ RQL Request List Message Recommended Practice 1709 (dispatch only)
- ☒ PNL/ ADL Passenger Name List and Additions And Deletions List (Recommended Practice 1708)(acceptance only)
- ☐ SAL Seats Available List Recommended Practice 1713 (acceptance only)
- ☐ SLS Statistical Load Summary AHM 588
- ☐ FMM Fuel Monitoring Message AHM 782
- ☐ RQM Request Information Message AHM 783
- ☐ UWS ULD/ Bulk Load Weight Signal AHM 581 (acceptance only)

5. MESSAGE ADDRESSES

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

6. 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 1	C
Class 2	
Class 3	Y
Class 4	
Class 5	

7. DEFINITION OF UNITS OF MEASURE (tick as appropriate)

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

8. MULTIPLE SHEETS NUMBERING

In the event of the requirements 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. C5a, C5b, etc, or C5.1, C5.2, etc.

Completed by:
(Signature)



A. Nutretsov

Issue No.: A2/1.6
Date: 11-Aug-2009

EDP-SYSTEM SEMI-PERMANENT DATA

LIST OF REVISIONS

A
Sheet 3

Carrier
UT

Document issue number	Revision number	Release date	Completed by	Reason	Changes overview
1	9	02-Oct-2009	A.Nutretsov	New aircraft was added (VP-BXZ).	Update complete document
1	8	25-Sept-2009	A.Nutretsov	New aircraft was added (VP-BXY).	Update complete document
1	7	17-Sept-2009	A.Nutretsov	New aircraft was added (VP-BXU).	Update complete document
1	6	11-Aug-2009	A.Nutretsov	Class Code for Class 1 is changed. New aircraft were added (VP-BXO, VP-BXQ, VP-BXV, VP-BXR).	Update complete document
1	5	24-Feb-2009	A.Nutretsov	New aircraft was added (VQ-BAE).	Update complete document
1	4	02-Feb-2009	A.Nutretsov	New aircraft were added (VQ-BAC, VQ-BAD).	Update complete document
1	3	12-Nov-2008	A.Nutretsov	Data (upper limits for TO and Flight) for a/c VP-BVN is corrected.	Update complete document
1	2	01-Sept-2008	S.Zakutenkov	New WB information were added. Data in Pantry tables is corrected.	Update complete document
1	1	10-Aug-2008	S.Zakutenkov	New aircraft were added.	Update complete document
1	0	21-Feb-2008	S.Zakutenkov	Initial issue	

Completed by:
(Signature)



A.Nutretsov

Issue No.: A3/1.9
Date: 02-Oct-2009

**EDP-SYSTEM
SEMI-PERMANENT DATA**

LIST OF EFFECTIVE SHEETS

**A
Sheet 4.1**

**Carrier
UT**

Section	Sheet	Multiple page identifier	Sheet issue No.	Date
A	1		A1/1.0	21-Feb-2008
	2		A2/1.6	11-Aug-2009
	3		A3/1.8	02-Oct-2009
	4	1	A4.1/1.8	02-Oct-2009
		2	A4.2/1.8	02-Oct-2009
B	1		B1/1.0	21-Feb-2008
	2		B2/1.0	21-Feb-2008
	3		B3/1.0	21-Feb-2008
C	1		C1/1.0	21-Feb-2008
	2		C2/1.0	21-Feb-2008
	3		C3/1.0	21-Feb-2008
	4		C4/1.8	02-Oct-2009
	5	1	C5.1/1.0	21-Feb-2008
		2	C5.2/1.8	02-Oct-2009
	6		C6/1.8	25-Sept-2009
	7		C7/1.0	21-Feb-2008
	8	1	C8.1/1.2	01-Sept-2008
		2	C8.2/1.2	01-Sept-2008
	9		C9/1.0	21-Feb-2008
	10		C10/1.0	21-Feb-2008
	11		C11/1.0	21-Feb-2008
	12	1	C12.1/1.2	01-Sept-2008
		2	C12.2/1.8	02-Oct-2009
	13		C13/1.0	21-Feb-2008
	14		C14/1.0	21-Feb-2008
D	1		D1/1.0	21-Feb-2008
	2		D2/1.0	21-Feb-2008
	3		D3/1.0	21-Feb-2008

Completed by:
(Signature)



A. Nutretsov

Issue No.: A4.1/1.9
Date: 02-Oct-2009

**EDP-SYSTEM
SEMI-PERMANENT DATA**

LIST OF EFFECTIVE SHEETS

**A
Sheet 4.2**

**Carrier
UT**

Additional and supplemental information				
Weight and Balance Information	VP-BVL			10-Aug-2008
	VP-BVN			10-Aug-2008
	VP-BVZ			01-Sept-2008
	VP-BYK			10-Aug-2008
	VP-BYL			01-Sept-2008
	VP-BYM			01-Sept-2008
	VQ-BAC			02-Feb-2009
	VQ-BAD			02-Feb-2009
	VQ-BAE			24-Feb-2009
	VP-BXO			11-Aug-2009
	VP-BXQ			11-Aug-2009
	VP-BXR			11-Aug-2009
	VP-BXV			11-Aug-2009
	VP-BXU			02-Oct-2009
Trim Sheet	VP-BVL			10-Aug-2008
	VP-BVZ			
	VP-BYK			
	VP-BYL			
	VP-BYM			
	VP-BVN			10-Aug-2008
	VQ-BAC			02-Oct-2009
	VQ-BAD			
	VQ-BAE			
	VP-BXO			
	VP-BXQ			
	VP-BXR			
	VP-BXV			
	VP-BXU			
	VP-BXY			
	VP-BXZ			

Completed by:
(Signature)



A. Nutretsov

Issue No.: A4.2/1.9
Date: 02-Oct-2009

EDP-SYSTEM
SEMI-PERMANENT DATA

GENERAL
INFORMATION

B
Sheet 1

Carrier
UT

1. PASSANGER AND BAGGAGE WEIGHTS
1.1 Standard / default passenger / cabin baggage weights

Standard / variations*	Standard Winter Weight	Standard Summer Weight	*	*	*	*	*
Average adult	80 kg	75 kg					
Adult male							
Adult female							
Child	30 kg	30 kg					
Infant	15 kg	15 kg					
Cabin Baggage							

Yes No

Cabin baggage weight is included in the above mentioned passenger weights ☐ ☒

If No: Actual cabin or standard baggage weight must be used.

Remarks: Standard Winter and Summer Weights in accordance with airport schedule.

1.2 If passenger / cabin baggage weights vary by class, use the following table:

Class as appropriate	Class 1	Class 2	Class 3	Class 4	Class 5
Average adult					
Adult male					
Adult female					
Child					
Infant					
Cabin Baggage					

Remarks:

1.3 Checked baggage weight

Standard / variations*	Standard	*	*	*	*	*
Weight per piece	ACTUAL					
Weight per passenger	-----					

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

Completed by:
(Signature)



A. Nutretsov

Issue No.: B1/1.0
Date: 21-Feb-08

**EDP-SYSTEM
SEMI-PERMANENT DATA**

**GENERAL
INFORMATION**

**B
Sheet 2**

**Carrier
UT**

2. CREW AND CREW BAGGAGE WEIGHTS

2.1 Crew weights

	Standard	Male	Female
Cockpit	80 kg		
Cabin	75 kg		

Crew hand baggage shall be included in the above crew weights.

Remarks:

2.2 Crew baggage weights (other than hand baggage)

	Cockpit	Cabin
Shorthaul		
Longhaul		
Others*		

*Specify conditions as appropriate

Remarks:

Average Crew Baggage Weight – 30 kg, is included into DOW & DOI.

Recommended Place – Forward Part of FWD Cargo Compartment (CPT 1)

Completed by:
(Signature)



A. Nutretsov

Issue No.: B2/1.0
Date: 21-Feb-08

**EDP-SYSTEM
SEMI-PERMANENT DATA**
**GENERAL
INFORMATION**
**B
Sheet 3**
**Carrier
UT**
**3. DRY OPERATING WEIGHT AND DRY OPERATING INDEX SPECIFICATIONS
(tick as appropriate)**

Item	DOW		DOI		Remarks
	Incl.	Excl.	Incl.	Excl.	
Basic Weight	☒	☐	☒	☐	
Cockpit Crew	☒	☐	☒	☐	
Cabin Crew	☒	☐	☒	☐	
Crew baggage	☒	☐	☒	☐	Forward part of FWD Cargo CPT
Pantry	☒	☐	☒	☐	
Containers	☐	☒	☐	☒	Not applicable
Pallets	☐	☒	☐	☒	Not applicable
Potable Water	☒	☐	☒	☐	
Items for Service	☒	☐	☒	☐	
Emergency Equipment	☒	☐	☒	☐	
Specific Aircraft Items*	☒	☐	☒	☐	

Remarks:

* Specific Aircraft Items include such items as Unusable Fuel, Engine Oil, Galley Structure, Toilet Fluids and Set of Necessary Documentation.

 Completed by:
(Signature)



A. Nutretsov

 Issue No.: B3/1.0
Date: 21-Feb-08

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C

Sheet 1

A/C Type
B737-500

Carrier
UT

1. BALANCE AND SPECIAL INFORMATION – OUTPUT ON LOADSHEET

1.1 Balance output (Reference AHM 517)

Please mark your requirements in respective box. 

			Remarks
Basic Index	BI	☐	
Dry Operating Index	DOI	☒	
Deadload Index	DLI	☐	
Deadload MAC	MACDLW	☐	
Loaded Index at zero fuel weight	LIZFW	☒	
Loaded Index at take-off weight	LITOW	☒	
Loaded Index at landing weight	LILAW	☒	
MAC – at zero fuel weight	MACZFW	☒	
MAC – at take-off weight	MACTOW	☒	
MAC – at landing weight	MACLAW	☒	
Stabilizer trim setting at take-off	STABTO*	☒	

* Specify ANU or AND as appropriate.

1.1.1 Passenger trim output

Please mark your requirements in respective box. 

		Remarks*
Class trim	☒	
Cabin area trim	☒	
Seat row trim	☐	

* Remarks: Indicate any other terminology to be printed on the loadsheet (Ref. AHM 517,6.2 item 44).

1.2 Special information

Specify the information to be entered in the lower parts of the EDP Loadsheets.

1.2.1 Captain's information/notes, Center of Gravity limits, Ramp weight, etc. (give examples). (Ref. AHM 517, 6.2, item 45).

1.2.2 Load message before LMC, if required, to be shown. (Ref. AHM 517, 6.2, item 46).

Completed by:
(Signature)



A. Nutretsov

Issue No.: C1/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 2.1

A/C Type
B737-500

Carrier
UT

2. BASIC INDEX AND MAC/RC FORMULA

2.1 Examples and definitions

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

$$\% \text{ MAC/RC} = \frac{\frac{C \cdot (I - K)}{W} + \text{Ref.Sta.} - \text{LEMAC}}{\frac{\text{MAC} / \text{RC}}{100}}$$

- W** = Weight, actual.
Sta. = Station, horizontal distance in length units from station zero to the location.
Ref. Sta. = 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 = 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 = Horizontal distance in length units from the station zero to location of the Leading Edge of the MAC / RC

2.2 Index formula

Ref.Sta. at : **648.5** inches from zero
 K (constant) = **40**
 C (constant) = **30000**

2.3 MAC/RC Information

Length of MAC/RC = **134.5** inches
 LEMAC at : **625.6** inches from zero

2.4 Stabilizer trim setting (see additional page C2.2)

For each required Flap setting, supply the following data:

Flaps setting

(Specify stabilizer settings for at least one weight if setting doesn't change at different weights).

(Specify at least minimum and maximum MAC/RC values).

Completed by:
(Signature)



A. Nutretsov

Issue No.: C2.1/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

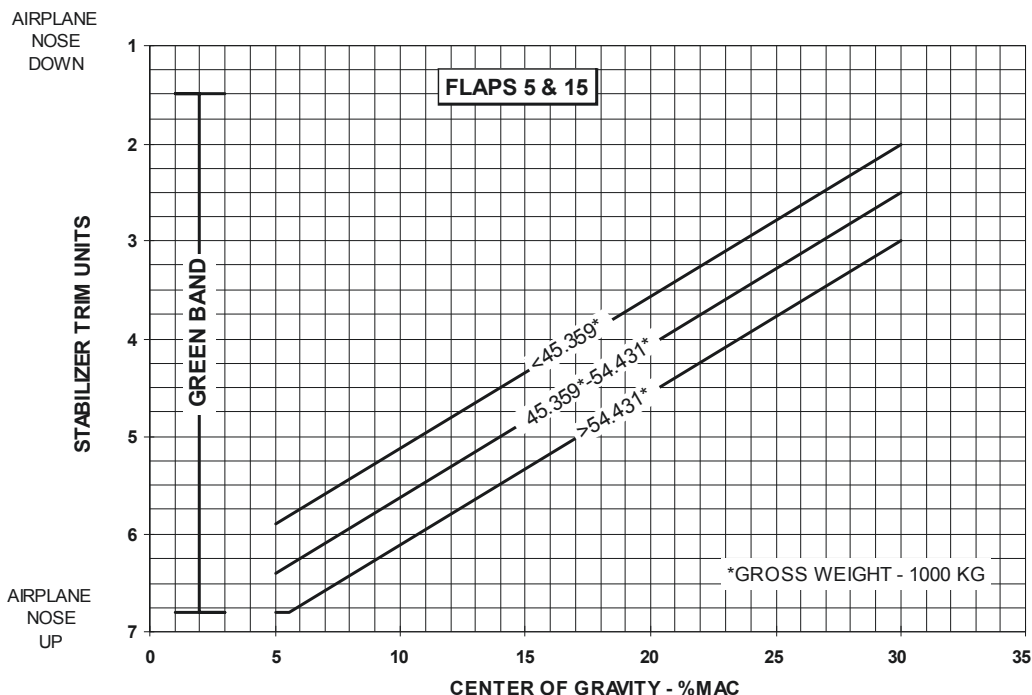
C
Sheet 2.2

A/C Type
B737-500

Carrier
UT

2.4.1 Takeoff horizontal stabilizer trim setting

The following diagram provides Takeoff Trim Settings versus Airplane Center of Gravity for Flaps 5 and 15 in Kilograms.



The following table provides inflection point data for the Takeoff Trim Settings versus Airplane Center of Gravity diagram.

TAKEOFF TRIM SETTING INFLECTION POINTS (Gross Weight - 1000 KG)					
<45.359		45.359-54.431		>54.431	
C.G.	STAB. TRIM	C.G.	STAB. TRIM	C.G.	STAB. TRIM
				5.0	6.8
5.0	5.9	5.0	6.4	5.6	6.8
30.0	2.0	30.0	2.5	30.0	3.0

A tolerance of plus or minus 0.75 trim units is acceptable when determining takeoff trim as a function of airplane takeoff weight and center of gravity. This is approximately equivalent to plus or minus 4.8% MAC.

This allowable tolerance between "actual" and "calculated" takeoff center of gravity must be adhered to in the development of simplified loading devices or manifests.

Completed by:
(Signature)



A. Nutretsov

Issue No.: C2.2/1.0
Date: 21-Feb-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
**C
Sheet 3**
A/C Type
B737-500

Carrier
UT

3. AIRCRAFT REGISTRATIONS, WEIGHT AND INDEX DETAILS

 DRY OPERATING WEIGHT ☒ BASIC WEIGHT ☐ (tick as appropriate)

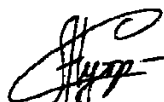
Provide full list of registrations/tail numbers and adjustments to fleet weight/index

Fleet Weight : _____			Fleet Index : _____		
Registration/ tail number	Weight Adjustment	Index Adjustment	Registration/ tail number	Weight Adjustment	Index Adjustment
*					

*** Aircraft Weights and Indices are shown in Attachment – Weight and Balance Information for appropriate aircraft.**

Note: Notification for data changes at short notice may also be made by means of data exchange message (AHM 562).

 Completed by:
(Signature)



A. Nutretsov

 Issue No.: C3/1.1
Date: 10-Aug-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
**C
Sheet 4**
A/C Type
B737-500

Carrier
UT

4. LIMITATIONS
4.1 Aircraft weight limitations

Operator defined maximum weights for:

Aircraft Reg./ Tail Number	Ramp/Taxi /kg/	Take-off /kg/	Zero fuel /kg/	Landing /kg/
VP-BVL	60 781	60 554	46 720	49 895
VP-BVZ	60 781	60 554	46 720	49 895
VP-BYK	60 781	60 554	46 720	49 895
VP-BYL	60 781	60 554	46 720	49 895
VP-BYM	60 781	60 554	46 720	49 895
VP-BVN	58 967	58 740	46 720	49 895
VQ-BAC	58 967	58 740	46 720	49 895
VQ-BAD	58 967	58 740	46 720	49 895
VQ-BAE	58 967	58 740	46 720	49 895
VP-BXO	58 967	58 740	46 720	49 895
VP-BXQ	58 967	58 740	46 720	49 895
VP-BXR	58 967	58 740	46 720	49 895
VP-BXV	58 967	58 740	46 720	49 895
VP-BXU	58 967	58 740	46 720	49 895
VP-BXY	58 967	58 740	46 720	49 895
VP-BXZ	58 967	58 740	46 720	49 895

Completed by:
(Signature)



A. Nutretsov

Issue No.: C4/1.9
Date: 02-Oct-2009

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 5.1

Configuration(s)

VP-BVL VP-BVZ VP-BYK
VP-BYL VP-BYM

A/C Type

B737-500

Carrier
UT

4.2 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 other conditions, specify each set of limits on a separate sheet, entering the special condition(s) in the box.

FORWARD

Special condition if applicable			
Specify applicability*	Weight /kg/		Index
Zero Fuel Check		25 000	32.2
	MZFW	46 720	19.5
Take-Off Check		25 000	26.5
		50 859	12.6
	MTOW	60 554	25.9
In-flight Check		25 000	25.4
		49 411	11.1
		60 554	25.9
Landing Check		25 000	26.5
	MLW	49 895	13.1

AFT

Special condition if applicable			
Specify applicability*	Weight /kg/		Index
Zero Fuel Check		25 000	45.3
		36 287	59.2
	MZFW	46 720	62.6
Take-Off Check		25 000	47.8
		40 823	65.6
	MTOW	60 554	71.5
In-flight Check		25 000	49.6
		36 287	63.5
		60 554	71.5
Landing Check		25 000	49.6
		36 287	63.5
	MLW	49 895	68.8

*Zero fuel, taxi, take-off, in-flight, landing

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.)

Remarks:

Completed by:
(Signature)



A. Nutretsov

Issue No.: C5.1/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 5.2

Configuration(s) VP-BVN VQ-BAC
VQ-BAD VQ-BAE VP-BXO VP-BXQ VP-BXR
VP-BXV VP-BXU VP-BXY **VP-BXZ**

A/C Type
B737-500

Carrier
UT

4.2 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 other conditions, specify each set of limits on a separate sheet, entering the special condition(s) in the box.

FORWARD

Special condition if applicable			
Specify applicability*	Weight /kg/	Index	
Zero Fuel Check		25 000	32.2
	MZFW	46 720	19.5
Take-Off Check		25 000	26.5
		50 859	12.6
	MTOW	58 740	23.1
In-flight Check		25 000	25.4
		49 411	11.1
		58 740	23.1
Landing Check		25 000	26.5
	MLW	49 895	13.1

AFT

Special condition if applicable			
Specify applicability*	Weight /kg/	Index	
Zero Fuel Check		25 000	45.3
		36 287	59.2
	MZFW	46 720	62.6
Take-Off Check		25 000	47.8
		40 823	65.6
	MTOW	58 740	71.0
In-flight Check		25 000	49.6
		36 287	63.5
		58 740	71.0
Landing Check		25 000	49.6
		36 287	63.5
	MLW	49 895	68.8

*Zero fuel, taxi, take-off, in-flight, landing

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.)

Remarks:

Completed by:
(Signature)



A. Nutretsov

Issue No.: C5.2/1.9
Date: 02-Oct-2009

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 6

A/C Type
B737-500

Carrier
UT

5. EFFECT OF FUEL (tick as appropriate)

	Remarks/ Procedure Name
Standard Procedure	☒
Non-standard Procedure	☐

FUEL DENSITY: 0.8 kg/L

Fuel Weight /kg/	Index ±
1000	- 1.20
2000	- 2.09
3000	- 2.72
4000	- 3.16
5000	- 3.55
6000	- 3.72
7000	- 3.57
8000	- 2.08
9000	+ 0.42
9078 *	+ 0.67

Fuel Weight /kg/	Index ±
10000	- 0.79
11000	- 2.33
12000	- 3.86
13000	- 5.40
14000	- 6.94
15000	- 8.48
16100 **	- 10.57
Standard Taxi Fuel Weight	Index ±
227	

Note:

* TANKS No 1 & No 2 – FULL (9 078 kg)

** TANKS No 1, No 2 & Central – FULL (16 100 kg)

Note 1: Use additional sheets for other fuel densities or state correction factors.

Note 2: Specify maximum capacity.

Note 3: Use additional sheets for each fuel condition/procedure.

Completed by:
(Signature)



A. Nutretsov

Issue No.: C6/1.8
Date: 25-Sept-2009

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
**C
Sheet 7**
A/C Type
B737-500

Carrier
UT

6. CREW
6.1 Number of cockpit crew seats and average location

Maximum number of cockpit seats	±	Length of arm from reference station, in	±	Index influence per 1 kg
Captain & First Officer (2)	-	444.5	-	0.01482
First Observer (1)	-	413.0	-	0.01377
Second Observer (1)	-	413.0	-	0.01377

NOTE: First and second observers normally are not included in DOW

6.2 Number of cabin crew seats and location

Crew seats location	Maximum No. of seats	Length of arm from reference station		Index influence	
		±	inches	±	per 1 kg
FWD	2	-	360,5	-	0.01202
AFT	3	+	370,5	+	0.01235

6.3 Crew Distribution/Crew Code

Crew Code	Cockpit Crew	Cabin Crew	Location *	Location of Crew Hand Luggage
Captain	1		Cockpit	Cockpit
First Officer	1		Cockpit	Cockpit
Attendant		2	FWD entry area	UNDER-BIN C1
Attendant		3	AFT entry area	UNDER-BIN C1

*Use the locations as under paragraph 6.2

Remarks:

For additional information about Crew Distribution see Weight and Balance Information for the a/c.

Completed by:
(Signature)



A. Nutretsov

Issue No.: C7/1.0
Date: 21-Feb-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
**C
Sheet 8.1**
Configuration(s)

All

A/C Type

B737-500

**Carrier
UT**
7. GALLEY AND PANTRY
7.1 Galleys

Galley locations	Length of arm from reference station		Index influence	
	+/-	inches	+/-	per 1 kg
G1 (FWD)	-	392.50	-	0.01308
G2 (FWD)	-	334.50	-	0.01115
G4B (AFT)	+	418.50	+	0.01395

Remarks:

Pantry Weight/Pantry Code (normally used for above mentioned cabin configurations)

- a) Pantry Code "A": Normal flight, **included in DOW-DOI** (maximum capacity of pantry)

Pantry Code	Pantry Weight /kg/	Index	Location*
Galley G1+G2 (FWD)	165	- 1.97	FWD
Galley G4B (AFT)	361	+ 5.04	AFT
TOTAL	526 kg	+ 3.07	

Completed by:
(Signature)



A. Nutretsov

Issue No.: C8.1/1.2
Date: 01-Sept-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 8.2

Configuration(s)

All

A/C Type

B737-500

Carrier
UT

b) Pantry Code "R": Reduced flight (3/4 of full pantry capacity)

Pantry Code	Pantry Weight /kg/	Index	Location*
Galley G1+G2 (FWD)	158	- 1.90	FWD
Galley G4B (AFT)	305	+ 4.26	AFT
TOTAL	463 kg	+ 2.36	

c) Pantry Code "S": Short flight (half capacity of pantry)

Pantry Code	Pantry Weight /kg/	Index	Location*
Galley G1+G2 (FWD)	143	- 1.73	FWD
Galley G4B (AFT)	249	+ 3.47	AFT
TOTAL	392 kg	+ 1.73	

d) Pantry Code "O": Training or ferry flight only

Pantry Code	Pantry Weight /kg/	Index	Location*
Galley G1+G2 (FWD)	76	- 0.92	FWD
Galley G4B (AFT)	212	+ 2.95	AFT
TOTAL	288 kg	+ 2.03	

*Use the locations as under paragraph 7.1.

Remarks:

Completed by:
(Signature)



A. Nutretsov

Issue No.: C8.2/1.2
Date: 01-Sept-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
**C
Sheet 9**
Configuration(s)
114 Pax (8C + 106Y)

A/C Type
B737-500

Carrier
UT

8. PASSENGER CABIN
8.1 Passenger seats
Note: Fill in one table for each cabin configuration code.

Name of cabin section	Number of seats					Total per cabin section
	Class 1	Class 2	Class 3	Class 4	Class 5	
OA	8					8
OB			36			36
OC			46			46
OD			24			24
Total per class	8		106			Total 114

8.2 Class / Cabin Sections

Class/Cabin Section	Length of arm from reference station		Index influence	
	+/-	inches	+/-	per 1kg
OA	-	267.00	-	0,00890
OB	-	129.00	-	0,00430
OC	+	92.72	+	0,00309
OD	+	274.00	+	0,00913

 Completed by:
(Signature)



A. Nutretsov

 Issue No.: C9/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 10

Configuration(s)

All

A/C Type

B737-500

Carrier
UT

8.3 Seating Layout

Show the passenger seating layout for the configuration 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.

B = Bassinet Position

C = Crew seat

E = Emergency Exit

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 = No facility seat, e.g. no distinction

between smoking and non-smoking

Y = Not fitted

Z = Buffer zone

A = Aisle

Alfa / Characters – D, F, R, Blank, not used

Completed by:
(Signature)



A. Nutretsov

Issue No.: C10/1.0
Date: 21-Feb-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 11

Configuration(s)

All

A/C Type

B737-500

Carrier
UT

8.3.1 Seatplan Layout / Facilities and Row Index Influence

SECTION	ROW No. (LH/RH side)	Seat Identifier							Length of arm from reference station, in	Index influence per 1 kg						
		A	B	C		D	E	F		+/-						
OA	1	W	A				A	W	- 285.50	-	0.	0	0	9	5	2
	2	W	A				A	W	- 248.50	-	0.	0	0	8	2	8
OB	5	W	X	A		A	X	W	- 206.50	-	0.	0	0	6	8	8
	6	W	X	A		A	X	W	- 175.50	-	0.	0	0	5	8	5
	7	W	X	A		A	X	W	- 144.50	-	0.	0	0	4	8	2
	8	W	X	A		A	X	W	- 113.50	-	0.	0	0	3	7	8
	9	W	X	A		A	X	W	- 82.50	-	0.	0	0	2	7	5
	10	W	X	A		A	X	W	- 51.50	-	0.	0	0	1	7	2
OC	12		E	A		A	E		- 20.50	-	0.	0	0	0	6	8
	14	W	X	A		A	X	W	+ 10.50	+	0.	0	0	0	3	5
	15	W	X	A		A	X	W	+ 41.50	+	0.	0	0	1	3	8
	16	W	X	A		A	X	W	+ 72.50	+	0.	0	0	2	4	2
	17	W	X	A		A	X	W	+ 103.50	+	0.	0	0	3	4	5
	18	W	X	A		A	X	W	+ 134.50	+	0.	0	0	4	4	8
	19	W	X	A		A	X	W	+ 165.50	+	0.	0	0	5	5	2
	20	W	X	A		A	X	W	+ 196.50	+	0.	0	0	6	5	5
OD	21	W	X	A		A	X	W	+ 227.50	+	0.	0	0	7	5	8
	22	W	X	A		A	X	W	+ 258.50	+	0.	0	0	8	6	2
	23	W	X	A		A	X	W	+ 289.50	+	0.	0	0	9	6	5
	24	W	X	A		A	X	W	+ 320.50	+	0.	0	1	0	6	8

Note: Rows 3, 4, 11 and 13 are absent.

Completed by:
(Signature)



A. Nutretsov

Issue No.: C11/1.0
Date: 21-Feb-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**
AIRCRAFT DATA
C
Sheet 12.1
Configuration(s)

VP-BVL VP-BVZ VP-BVN
VP-BYL VP-BYM VP-BYK

A/C Type

B737-500

Carrier
UT
9. DETAILS FOR COMPARTMENT TRIM

Compartment Number	Description	Maximum Capacity				
		Gross Weight /kg/	Volume * /m ³ /	Length of arm from reference station /in/	Index per t x* 1 kg ±	
CPT 1	FWD	703**		- 262,50	-	0.00875
CPT 2	FWD	869		- 184,00	-	0.00613
CPT 3	AFT	1756		+ 143,00	+	0.00477
CPT 4	AFT	1132		+ 280.00	+	0.00933
Security locker (DIP)						

* Volume information required for bulk compartments only.

Remarks:

** Crew baggage is normally loaded in Forward part of FWD Cargo Compartment. It's weight 180 kg included in DOW and DOI for Crew Code 2/4 must be subtracted from Gross Weight of CPT1.

9.1 Combined Load Limitations
Yes
N/A

Appropriate data shown or attached?

☐
☒
9.2 Cumulative Load Limitations
Yes
N/A

Appropriate data shown or attached?

☐
☒

Completed by:
(Signature)



A. Nutretsov

Issue No.: C12.1/1.2
Date: 01-Sept-2008

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 12.2

Configuration(s)

VQ-BAC VQ-BAD VQ-BAE VP-BXO VP-BXQ
VP-BXR VP-BXV VP-BXU VP-BXY **VP-BXZ**

A/C Type

B737-500

Carrier
UT

9. DETAILS FOR COMPARTMENT TRIM

Compartment Number	Description	Maximum Capacity				
		Gross Weight /kg/	Volume * /m ³ /	Length of arm from reference station /in/	Index per t x* 1 kg ±	
CPT 1	FWD	638**		- 259,50	-	0.00865
CPT 2	FWD	869		- 184,00	-	0.00613
CPT 3	AFT	1756		+ 143,00	+	0.00477
CPT 4	AFT	1132		+ 280.00	+	0.00933
Security locker (DIP)						

* Volume information required for bulk compartments only.

Remarks:

** Crew baggage is normally loaded in Forward part of FWD Cargo Compartment. It's weight 180 kg included in DOW and DOI for Crew Code 2/4 must be subtracted from Gross Weight of CPT1.

9.1 Combined Load Limitations

Yes

N/A

Appropriate data shown or attached?

☐
☒

9.2 Cumulative Load Limitations

Yes

N/A

Appropriate data shown or attached?

☐
☒

Completed by:
(Signature)



A. Nutretsov

Issue No.: C12.2/1.9
Date: 02-Oct-2009

EDP-SYSTEM SEMI-PERMANENT DATA

AIRCRAFT DATA

C
Sheet 13

Configuration(s)

All

A/C Type

B737-500

Carrier
UT

10. DETAILS FOR BAY / SECTION TRIM

Bay / Section	Maximum Capacity		Length of arm from reference station	±	Index per x* weight unit
	Gross Weight	Volume *			
N/A					
Security Locker (DIP)					

* Volume information required for bulk compartments only.

Note 1: Attach a plan for each compartment configuration.

Note 2: Use additional sheets as required.

10.1 Lateral / asymmetrical Limitations

Yes

N/A

Appropriate data shown or attached?

☐
☒

Completed by:
(Signature)



A. Nutretsov

Issue No.: C13/1.0
Date: 21-Feb-2008

**EDP-SYSTEM
SEMI-PERMANENT DATA**

AIRCRAFT DATA

**C
Sheet 14**

A/C Type
B737-500

Carrier
UT

11. BALLAST

FIXED PROVISIONS FOR CARRYING BALLAST?

YES

NO

☐
☒

If YES, specify below:

LOCATION	WEIGHT	$\pm$ Index
N/A		

Remarks:

Completed by:
(Signature)



A. Nutretsov

Issue No.: C14/1.0
Date: 21-Feb-2008

EDP-SYSTEM
SEMI-PERMANENT DATA

AIRCRAFT DATA

D
Sheet 1

A/C Type
B737-500

Carrier
UT

1. CG – LIMITS

1.1 Ideal Trim Line at ZFW for Fuel Saving Purposes

Weight	Index
25 000 kg	43.3
46 720 kg	46.3

Completed by:
(Signature)



A. Nutretsov

Issue No.: D1/1.0
Date: 21-Feb-08

EDP-SYSTEM
SEMI-PERMANENT DATA

AIRCRAFT DATA

D
Sheet 2

A/C Type
B737-500

Carrier
UT

2. UNIT LOAD DEVICES DETAILS

		Maximum Capacity		Position or height restriction	Remarks
Type Code	Tare Weight	Gross Weight	Volume*		
N/A					

* Containers /Igloos only

Note: For pallets, specify height.

Indicated restriction means it cannot be loaded.

Completed by:
(Signature)



A. Nutretsov

Issue No.: D2/1.0
Date: 21-Feb-08

EDP-SYSTEM
SEMI-PERMANENT DATA

AIRCRAFT DATA

D
Sheet 3

A/C Type
B737-500

Carrier
UT

3. SPECIAL LOAD

Attach relevant company regulations for special load (AVI, Dangerous Goods, etc.).

TO BE OBTAINED LOCALLY FROM STATION MANAGER

Completed by:
(Signature)



A. Nutretsov

Issue No.: D3/1.0
Date: 21-Feb-08



Weight and Balance Information

B 737-500 A/C Reg. VP-BVL

msn **28926**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BVL - 02	30-Aug-2008	30-Aug-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
60 781	60 554	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 698	43.24	19.30

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 372	44,60	33 308	43,89	33 237	43,27	-	-
2 / 4	2	4	2	2	33 267	43,94	33 203	43,23	33 132	42,60	-	-
2 / 3	2	3	1	2	33 162	45,10	33 098	44,39	33 027	43,77	-	-
3 / 5	3	5	2	3	33 482	43,24	33 418	42,53	33 347	41,90	-	-
3 / 4	3	4	2	2	33 377	42,57	33 313	41,86	33 242	41,24	-	-
3 / 3	3	3	1	2	33 272	43,74	33 208	43,03	33 137	42,40	-	-
4 / 5	4	5	2	3	33 592	41,87	33 528	41,16	33 457	40,54	-	-
4 / 4	4	4	2	2	33 487	41,21	33 423	40,50	33 352	39,87	-	-
4 / 3	4	3	1	2	33 382	42,37	33 318	41,66	33 247	41,04	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 609	43,90
3 / 0	3	0	-	-	-	-	-	-	-	-	32 719	42,54
4 / 0	4	0	-	-	-	-	-	-	-	-	32 829	41,17

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BVN**

msn **27540**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BVN- 02	30-Aug-2008	30-Aug-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 552	43.26	19.33

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 225	44,63	33 162	43,92	33 091	43,29	-	-
2 / 4	2	4	2	2	33 120	43,96	33 057	43,25	32 986	42,63	-	-
2 / 3	2	3	1	2	33 015	45,13	32 952	44,42	32 881	43,79	-	-
3 / 5	3	5	2	3	33 335	43,26	33 272	42,55	33 201	41,93	-	-
3 / 4	3	4	2	2	33 230	42,60	33 167	41,89	33 096	41,26	-	-
3 / 3	3	3	1	2	33 125	43,76	33 062	43,05	32 991	42,43	-	-
4 / 5	4	5	2	3	33 445	41,90	33 382	41,19	33 311	40,56	-	-
4 / 4	4	4	2	2	33 340	41,23	33 277	40,52	33 206	39,90	-	-
4 / 3	4	3	1	2	33 235	42,40	33 172	41,69	33 101	41,06	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 462	43,93
3 / 0	3	0	-	-	-	-	-	-	-	-	32 572	42,56
4 / 0	4	0	-	-	-	-	-	-	-	-	32 682	41,20

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500 A/C Reg. VP-BVZmsn **28925**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BVZ - 01	1-Sept-2008	1-Sept-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft.
Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
60 781	60 554	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 755	44.38	20.11

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	AFT Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 428	45,75	33 365	45,04	33 294	44,41	-	-
2 / 4	2	4	2	2	33 323	45,08	33 260	44,37	33 189	43,75	-	-
2 / 3	2	3	1	2	33 218	46,25	33 155	45,54	33 084	44,91	-	-
3 / 5	3	5	2	3	33 538	44,38	33 475	43,67	33 404	43,05	-	-
3 / 4	3	4	2	2	33 433	43,72	33 370	43,01	33 299	42,38	-	-
3 / 3	3	3	1	2	33 328	44,88	33 265	44,17	33 194	43,55	-	-
4 / 5	4	5	2	3	33 648	43,02	33 585	42,31	33 514	41,68	-	-
4 / 4	4	4	2	2	33 543	42,36	33 480	41,65	33 409	41,02	-	-
4 / 3	4	3	1	2	33 438	43,52	33 375	42,81	33 304	42,18	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 665	45,05
3 / 0	3	0	-	-	-	-	-	-	-	-	32 775	43,68
4 / 0	4	0	-	-	-	-	-	-	-	-	32 885	42,32

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BYK**

msn **28918**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BYK- 02	30-Aug-2008	30-Aug-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
60 781	60 554	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 799	44.29	20.04

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 472	45,66	33 408	44,95	33 337	44,32	-	-
2 / 4	2	4	2	2	33 367	44,99	33 303	44,28	33 232	43,66	-	-
2 / 3	2	3	1	2	33 262	46,16	33 198	45,45	33 127	44,82	-	-
3 / 5	3	5	2	3	33 582	44,29	33 518	43,58	33 447	42,96	-	-
3 / 4	3	4	2	2	33 477	43,63	33 413	42,92	33 342	42,30	-	-
3 / 3	3	3	1	2	33 372	44,79	33 308	44,08	33 237	43,46	-	-
4 / 5	4	5	2	3	33 692	42,93	33 628	42,22	33 557	41,60	-	-
4 / 4	4	4	2	2	33 587	42,27	33 523	41,56	33 452	40,93	-	-
4 / 3	4	3	1	2	33 482	43,43	33 418	42,72	33 347	42,10	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 709	44,96
3 / 0	3	0	-	-	-	-	-	-	-	-	32 819	43,60
4 / 0	4	0	-	-	-	-	-	-	-	-	32 929	42,23

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BYL**

msn **28920**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BYL- 01	30-Aug-2008	30-Aug-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft.
Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
60 781	60 554	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 666	42.97	19.11

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 339	44,33	33 276	43,62	33 205	43,00	-	-
2 / 4	2	4	2	2	33 234	43,67	33 171	42,96	33 100	42,33	-	-
2 / 3	2	3	1	2	33 129	44,83	33 066	44,12	32 995	43,50	-	-
3 / 5	3	5	2	3	33 449	42,97	33 386	42,26	33 315	41,63	-	-
3 / 4	3	4	2	2	33 344	42,30	33 281	41,59	33 210	40,97	-	-
3 / 3	3	3	1	2	33 239	43,47	33 176	42,76	33 105	42,13	-	-
4 / 5	4	5	2	3	33 559	41,60	33 496	40,89	33 425	40,27	-	-
4 / 4	4	4	2	2	33 454	40,94	33 391	40,23	33 320	39,60	-	-
4 / 3	4	3	1	2	33 349	42,10	33 286	41,39	33 215	40,77	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 576	43,63
3 / 0	3	0	-	-	-	-	-	-	-	-	32 686	42,27
4 / 0	4	0	-	-	-	-	-	-	-	-	32 796	40,90

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BYM**

msn **28917**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BYM - 01	30-Aug-2008	30-Aug-2008	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
60 781	60 554	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 479	43.55	19.54

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 152	44,91	33 089	44,20	33 017	43,58	-	-
2 / 4	2	4	2	2	33 047	44,25	32 984	43,54	32 912	42,91	-	-
2 / 3	2	3	1	2	32 942	45,41	32 879	44,70	32 807	44,08	-	-
3 / 5	3	5	2	3	33 262	43,55	33 199	42,84	33 127	42,21	-	-
3 / 4	3	4	2	2	33 157	42,88	33 094	42,17	33 022	41,55	-	-
3 / 3	3	3	1	2	33 052	44,05	32 989	43,34	32 917	42,71	-	-
4 / 5	4	5	2	3	33 372	42,18	33 309	41,47	33 237	40,85	-	-
4 / 4	4	4	2	2	33 267	41,52	33 204	40,81	33 132	40,19	-	-
4 / 3	4	3	1	2	33 162	42,68	33 099	41,97	33 027	41,35	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 389	44,21
3 / 0	3	0	-	-	-	-	-	-	-	-	32 499	42,85
4 / 0	4	0	-	-	-	-	-	-	-	-	32 609	41,49

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VQ-BAC**

msn **27321**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VQ-BAC - 01	02-Feb-2009	02-Feb-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	32 161	46.65	21.64

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 573	46,87	33 510	46,16	33 439	45,53	-	-
2 / 4	2	4	2	2	33 468	46,20	33 405	45,49	33 334	44,87	-	-
2 / 3	2	3	1	2	33 363	47,36	33 300	46,65	33 229	46,03	-	-
3 / 5	3	5	2	3	33 683	45,51	33 620	44,80	33 549	44,17	-	-
3 / 4	3	4	2	2	33 578	44,84	33 515	44,13	33 444	43,51	-	-
3 / 3	3	3	1	2	33 473	46,00	33 410	45,29	33 339	44,67	-	-
4 / 5	4	5	2	3	33 793	44,15	33 730	43,44	33 659	42,81	-	-
4 / 4	4	4	2	2	33 688	43,48	33 625	42,77	33 554	42,15	-	-
4 / 3	4	3	1	2	33 583	44,64	33 520	43,93	33 449	43,31	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 810	46,15
3 / 0	3	0	-	-	-	-	-	-	-	-	32 920	44,79
4 / 0	4	0	-	-	-	-	-	-	-	-	33 030	43,43

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. VQ-BAD

msn 27331

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VQ-BAD - 01	02-Feb-2009	02-Feb-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 881	46.54	21.60

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 473	48,16	33 410	47,45	33 339	46,82	-	-
2 / 4	2	4	2	2	33 368	47,49	33 305	46,78	33 234	46,15	-	-
2 / 3	2	3	1	2	33 263	48,65	33 200	47,94	33 129	47,31	-	-
3 / 5	3	5	2	3	33 583	46,80	33 520	46,09	33 449	45,46	-	-
3 / 4	3	4	2	2	33 478	46,13	33 415	45,42	33 344	44,79	-	-
3 / 3	3	3	1	2	33 373	47,29	33 310	46,58	33 239	45,95	-	-
4 / 5	4	5	2	3	33 693	45,43	33 630	44,72	33 559	44,10	-	-
4 / 4	4	4	2	2	33 588	44,77	33 525	44,06	33 454	43,43	-	-
4 / 3	4	3	1	2	33 483	45,93	33 420	45,22	33 349	44,59	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 710	47,44
3 / 0	3	0	-	-	-	-	-	-	-	-	32 820	46,08
4 / 0	4	0	-	-	-	-	-	-	-	-	32 930	44,72

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VQ-BAE**

msn **27320**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VQ-BAE - 01	24-Feb-2009	24-Feb-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 920	45.20	20.66

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 474	46,91	33 411	46,20	33 340	45,57	-	-
2 / 4	2	4	2	2	33 369	46,24	33 306	45,53	33 235	44,91	-	-
2 / 3	2	3	1	2	33 264	47,40	33 201	46,69	33 130	46,07	-	-
3 / 5	3	5	2	3	33 584	45,55	33 521	44,84	33 450	44,21	-	-
3 / 4	3	4	2	2	33 479	44,88	33 416	44,17	33 345	43,55	-	-
3 / 3	3	3	1	2	33 374	46,04	33 311	45,33	33 240	44,71	-	-
4 / 5	4	5	2	3	33 694	44,19	33 631	43,48	33 560	42,85	-	-
4 / 4	4	4	2	2	33 589	43,52	33 526	42,81	33 455	42,19	-	-
4 / 3	4	3	1	2	33 484	44,68	33 421	43,97	33 350	43,35	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 711	46,20
3 / 0	3	0	-	-	-	-	-	-	-	-	32 821	44,83
4 / 0	4	0	-	-	-	-	-	-	-	-	32 931	43,47

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. VP-BXO

msn 27314

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXO - 01	11-Aug-2009	11-Aug-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 935	45.17	20.64

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 490	46,88	33 426	46,17	33 355	45,54	-	-
2 / 4	2	4	2	2	33 385	46,21	33 321	45,50	33 250	44,88	-	-
2 / 3	2	3	1	2	33 280	47,37	33 216	46,66	33 145	46,04	-	-
3 / 5	3	5	2	3	33 600	45,52	33 536	44,81	33 465	44,18	-	-
3 / 4	3	4	2	2	33 495	44,85	33 431	44,14	33 360	43,51	-	-
3 / 3	3	3	1	2	33 390	46,01	33 326	45,30	33 255	44,68	-	-
4 / 5	4	5	2	3	33 710	44,16	33 646	43,45	33 575	42,82	-	-
4 / 4	4	4	2	2	33 605	43,49	33 541	42,78	33 470	42,15	-	-
4 / 3	4	3	1	2	33 500	44,65	33 436	43,94	33 365	43,31	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 727	46,16
3 / 0	3	0	-	-	-	-	-	-	-	-	32 837	44,80
4 / 0	4	0	-	-	-	-	-	-	-	-	32 947	43,44

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. VP-BXQ

msn 27315

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXQ - 01	11-Aug-2009	11-Aug-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 908	44.59	20.23

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 462	46,29	33 399	45,58	33 328	44,96	-	-
2 / 4	2	4	2	2	33 357	45,63	33 294	44,92	33 223	44,29	-	-
2 / 3	2	3	1	2	33 252	46,79	33 189	46,08	33 118	45,45	-	-
3 / 5	3	5	2	3	33 572	44,93	33 509	44,22	33 438	43,60	-	-
3 / 4	3	4	2	2	33 467	44,27	33 404	43,56	33 333	42,93	-	-
3 / 3	3	3	1	2	33 362	45,43	33 299	44,72	33 228	44,09	-	-
4 / 5	4	5	2	3	33 682	43,57	33 619	42,86	33 548	42,24	-	-
4 / 4	4	4	2	2	33 577	42,90	33 514	42,19	33 443	41,57	-	-
4 / 3	4	3	1	2	33 472	44,07	33 409	43,36	33 338	42,73	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 699	45,58
3 / 0	3	0	-	-	-	-	-	-	-	-	32 809	44,22
4 / 0	4	0	-	-	-	-	-	-	-	-	32 919	42,86

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BXR**

msn **27316**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXR - 01	11-Aug-2009	11-Aug-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	32 077	45.60	20.92

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 632	47,30	33 568	46,59	33 497	45,97	-	-
2 / 4	2	4	2	2	33 527	46,64	33 463	45,93	33 392	45,30	-	-
2 / 3	2	3	1	2	33 422	47,80	33 358	47,09	33 287	46,46	-	-
3 / 5	3	5	2	3	33 742	45,94	33 678	45,23	33 607	44,61	-	-
3 / 4	3	4	2	2	33 637	45,28	33 573	44,57	33 502	43,94	-	-
3 / 3	3	3	1	2	33 532	46,44	33 468	45,73	33 397	45,10	-	-
4 / 5	4	5	2	3	33 852	44,58	33 788	43,87	33 717	43,25	-	-
4 / 4	4	4	2	2	33 747	43,92	33 683	43,21	33 612	42,58	-	-
4 / 3	4	3	1	2	33 642	45,08	33 578	44,37	33 507	43,74	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 869	46,59
3 / 0	3	0	-	-	-	-	-	-	-	-	32 979	45,23
4 / 0	4	0	-	-	-	-	-	-	-	-	33 089	43,87

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BXV**

msn **27322**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXV - 01	11-Aug-2009	11-Aug-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	32 085	45.34	20.74

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 640	47,04	33 576	46,33	33 505	45,71	-	-
2 / 4	2	4	2	2	33 535	46,38	33 471	45,67	33 400	45,04	-	-
2 / 3	2	3	1	2	33 430	47,54	33 366	46,83	33 295	46,20	-	-
3 / 5	3	5	2	3	33 750	45,68	33 686	44,97	33 615	44,35	-	-
3 / 4	3	4	2	2	33 645	45,02	33 581	44,31	33 510	43,68	-	-
3 / 3	3	3	1	2	33 540	46,18	33 476	45,47	33 405	44,84	-	-
4 / 5	4	5	2	3	33 860	44,32	33 796	43,61	33 725	42,99	-	-
4 / 4	4	4	2	2	33 755	43,65	33 691	42,94	33 620	42,32	-	-
4 / 3	4	3	1	2	33 650	44,82	33 586	44,11	33 515	43,48	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 877	46,33
3 / 0	3	0	-	-	-	-	-	-	-	-	32 987	44,97
4 / 0	4	0	-	-	-	-	-	-	-	-	33 097	43,61

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500 A/C Reg. VP-BXU

msn 27318

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXU - 01	17-Sept-2009	17-Sept-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 830	44.86	20.43

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 384	46.57	33 321	45.86	33 250	45.24	-	-
2 / 4	2	4	2	2	33 279	45.90	33 216	45.19	33 145	44.57	-	-
2 / 3	2	3	1	2	33 174	47.06	33 111	46.35	33 040	45.73	-	-
3 / 5	3	5	2	3	33 494	45.21	33 431	44.50	33 360	43.87	-	-
3 / 4	3	4	2	2	33 389	44.54	33 326	43.83	33 255	43.21	-	-
3 / 3	3	3	1	2	33 284	45.70	33 221	44.99	33 150	44.37	-	-
4 / 5	4	5	2	3	33 604	43.85	33 541	43.14	33 470	42.51	-	-
4 / 4	4	4	2	2	33 499	43.18	33 436	42.47	33 365	41.85	-	-
4 / 3	4	3	1	2	33 394	44.34	33 331	43.63	33 260	43.01	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 621	45.86
3 / 0	3	0	-	-	-	-	-	-	-	-	32 731	44.50
4 / 0	4	0	-	-	-	-	-	-	-	-	32 841	43.13

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. VP-BXY

msn 27328

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXY - 01	25-Sept-2009	25-Sept-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 990	43.84	19.70

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 663	45,22	33 600	44,51	33 529	43,89	-	-
2 / 4	2	4	2	2	33 558	44,56	33 495	43,85	33 424	43,22	-	-
2 / 3	2	3	1	2	33 453	45,72	33 390	45,01	33 319	44,38	-	-
3 / 5	3	5	2	3	33 773	43,86	33 710	43,15	33 639	42,53	-	-
3 / 4	3	4	2	2	33 668	43,19	33 605	42,48	33 534	41,86	-	-
3 / 3	3	3	1	2	33 563	44,36	33 500	43,65	33 429	43,02	-	-
4 / 5	4	5	2	3	33 883	42,50	33 820	41,79	33 749	41,17	-	-
4 / 4	4	4	2	2	33 778	41,83	33 715	41,12	33 644	40,50	-	-
4 / 3	4	3	1	2	33 673	42,99	33 610	42,28	33 539	41,66	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 900	44,51
3 / 0	3	0	-	-	-	-	-	-	-	-	33 010	43,15
4 / 0	4	0	-	-	-	-	-	-	-	-	33 120	41,79

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Weight and Balance Information

B 737-500

A/C Reg. **VP-BXZ**

msn **27329**

Doc. №	Issue Date	Effective From	Issued By	Contact to
WBI - VP-BXZ - 01	02-Oct-2009	02-Oct-2009	A.Nutretsov	ANutretsov@tjm.utair.ru

Attention:

This information sheet supersedes all previously issued Weight and Balance Information for this aircraft. Preceding WB Information should be removed and replaced with new ones.

Maximum Taxi Weight kg	Maximum Take-off Weight kg	Maximum Landing Weight kg	Maximum Zero Fuel Weight kg
58 967	58 740	49 895	46 720

Basic Weight Data	Basic Empty Weight, kg	Basic Empty Index, units	Center of Gravity, %
	31 730	43.86	19.74

Configuration Data	Max Passenger Capacity	Available Version
	114	8C + 106Y

Pantry Data	Pantry Code "A" Normal Flight		Pantry Code "R" Reduced Flight		Pantry Code "S" Short Flight		Pantry Code "O" Training or Ferry Flight	
	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.	Weight, kg	Ind.
	526	+3.07	463	+2.36	392	+1.73	288	+2.03

Dry Operating Data

Crew Code	Cockpit Crew	Cabin Crew	Cabin crew Location		Pantry Code "A"		Pantry Code "R"		Pantry Code "S"		Pantry Code "O"	
			FWD Utility Zone	Aft Utility Zone	DOW	DOI	DOW	DOI	DOW	DOI	DOW	DOI
2 / 5	2	5	2	3	33 332	45.38	33 269	44.67	33 198	44.05	-	-
2 / 4	2	4	2	2	33 227	44.72	33 164	44.01	33 093	43.38	-	-
2 / 3	2	3	1	2	33 122	45.88	33 059	45.17	32 988	44.54	-	-
3 / 5	3	5	2	3	33 442	44.02	33 379	43.31	33 308	42.69	-	-
3 / 4	3	4	2	2	33 337	43.36	33 274	42.65	33 203	42.02	-	-
3 / 3	3	3	1	2	33 232	44.52	33 169	43.81	33 098	43.18	-	-
4 / 5	4	5	2	3	33 552	42.66	33 489	41.95	33 418	41.33	-	-
4 / 4	4	4	2	2	33 447	41.99	33 384	41.28	33 313	40.66	-	-
4 / 3	4	3	1	2	33 342	43.16	33 279	42.45	33 208	41.82	-	-
2 / 0	2	0	-	-	-	-	-	-	-	-	32 569	44.67
3 / 0	3	0	-	-	-	-	-	-	-	-	32 679	43.31
4 / 0	4	0	-	-	-	-	-	-	-	-	32 789	41.95

Note: Flight with Crew Configuration **2 / 4** and Pantry Code "A" is accepted as **Normal Flight**

NOTE:

- Pantry Code "A": Normal flight (maximum Operational capacity of pantry)
- Pantry Code "R": Reduced flight (3/4 of Normal Flight Pantry)
- Pantry Code "S": Short flight (half capacity of Normal Flight Pantry)
- Pantry Code "O": Training or ferry flight only



Aircraft

VP-BVL VP-BYK VP-BYL

VP-BVZ

VP-BYM

WEIGHT AND BALANCE
SHEET

Boeing 737-500

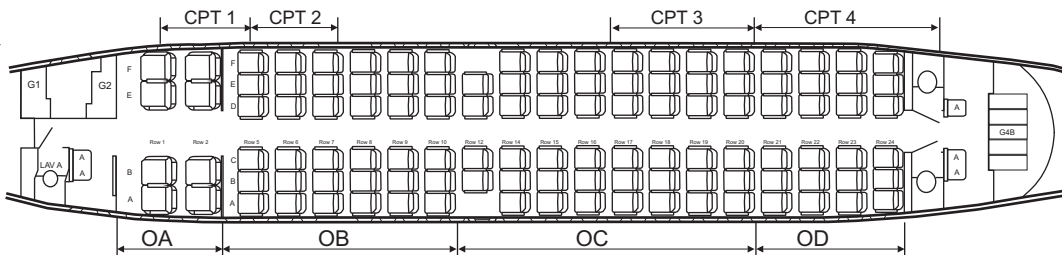
PAX VERSION 8C + 106 Y Seats

FLIGHT № _____

DATE _____

PREPARED BY _____

Configuration 8C + 106Y
MTW 60 781 kg
MTOW 60 554 kg
MLW 49 895 kg
MZFW 46 720 kg
MFC (0.8 kg/l) 16 100 kg



Cargo Compartment Index Corrections

CPT 1		CPT 2		CPT 3		CPT 4	
Cargo Weight kg	Index	Cargo Weight kg	Index	Cargo Weight kg	Index	Cargo Weight kg	Index
57	0	82	0	105	0	54	0
171	-1	245	-1	315	+1	161	+1
286	-2	408	-2	525	+2	268	+2
400	-3	571	-3	735	+3	375	+3
514	-4	734	-4	945	+4	482	+4
629	-5	869	-5	1 155	+5	589	+5
703	-6			1 365	+6	696	+6
				1 125	+7	804	+7
				1 575	+8	911	+8
				1 756	+9	1 018	+9
						1 132	+10
							+11

Passenger Compartment Index Corrections

OA		OB		OC		OD	
Pax	Index	Pax	Index	Pax	Index	Pax	Index
1 - 2	-1	1	0	1	0	1	+1
3	-2	2 - 4	-1	2 - 5	+1	2 - 3	+2
4	-3	5 - 7	-2	6 - 9	+2	4	+3
5 - 6	-4	8 - 10	-3	10 - 13	+3	5 - 6	+4
7	-5	11 - 12	-4	14 - 17	+4	7	+5
8	-6	13 - 15	-5	18 - 22	+5	8	+6
		16 - 18	-6	23 - 26	+6	9 - 10	+7
		19 - 21	-7	27 - 30	+7	11	+8
		22 - 24	-8	31 - 34	+8	12	+9
		25 - 27	-9	35 - 38	+9	13 - 14	+10
		28 - 30	-10	39 - 42	+10	15	+11
		31 - 33	-11	43 - 46	+11	16 - 17	+12
		34 - 36	-12			18	+13
						19	+14
						20 - 21	+15
						22	+16
						23	+17
						24	+18

BALANCE CALCULATION TABLE

	INDEX		WEIGHT (kg)
	-	+	
DOI / DOW			
PAX CABIN	OA		
	OB		
	OC		
	OD		
FWD CPT	CPT 1		
	CPT 2		
AFT CPT	CPT 3		
	CPT 4		
EXTRA CREW			
EXTRA GALLEY			
TOTALS			

Miscellaneous Index Corrections

Place	Number/Weight	Index
Cockpit	+1person / 80 kg	- 1.1
Cabin Crew		
FWD Attend.	-1person / 75 kg	- 0.9
AFT Attend.	-1person / 75 kg	+ 0.93
Galleys		
G1	+ 100 kg	- 1.31
G2	+ 100 kg	- 1.12
G4B	+ 100 kg	+1.11
Cargo CPTs		
FWD CPT 1	+ 100 kg	- 0.88
FWD CPT 2	+ 100 kg	- 0.61
AFT CPT 3	+ 100 kg	+0.48
AFT CPT 4	+ 100 kg	+0.93

Last Minute Change

Specification	Pax Zone or Cargo CPT	Index	Weight
LMC Total			

Note: If Last Minute Change is more than 500 kg new Weight and Balance Sheet must be prepared

% MAC and Stab Setting

	% MAC	Stab
Takeoff		
Zero Fuel		
Landing		

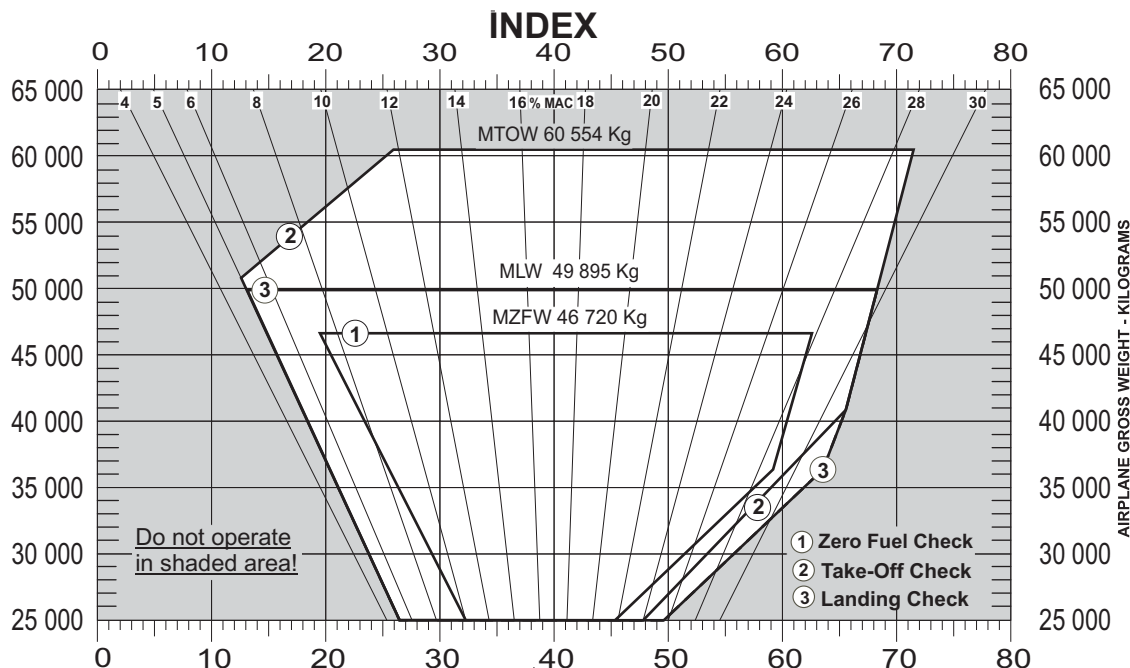
	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- TO Fuel IND Corr.		
Loaded Index TOW (LITOW)		

Trip Fuel (kg)

	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- Landing Fuel IND Corr.		
Loaded Index LAW (LILAW)		

Fuel Adjustment Index

Fuel Weight kg	Index	Fuel Weight kg	Index
	0	9 800	
365	-1	10 500	-1
1 300	-2	11 100	-2
2 600	-3	11 800	-3
4 800	-4	12 400	-4
7 000	-5	13 000	-5
7 800	-6	13 700	-6
8 300	-7	14 400	-7
8 700	-8	15 000	-8
9 000	-9	15 600	-9
9 200	-10	16 000	-10
9 800	-10.6	16 100	-10.6



For more accuracy see the next page

WEIGHT AND BALANCE SHEET

Boeing 737-500

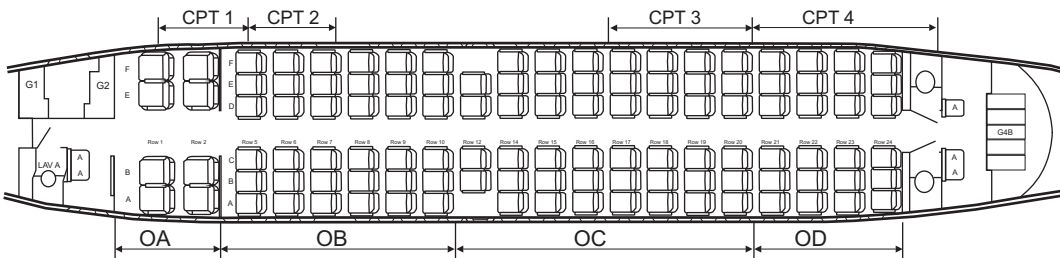
PAX VERSION 8C + 106 Y Seats

FLIGHT № _____

DATE _____

PREPARED BY _____

Configuration 8C + 106Y
 MTW 58 967 kg
 MTOW 58 740 kg
 MLW 49 895 kg
 MZFW 46 720 kg
 MFC (0.8 kg/l) 16 100 kg



Cargo Compartment Index Corrections

CPT 1	CPT 2	CPT 3	CPT 4
Cargo Weight kg	Cargo Weight kg	Cargo Weight kg	Cargo Weight kg
Index	Index	Index	Index
57	82	105	54
171	245	315	161
286	408	525	268
400	571	735	375
514	734	945	482
629	869	1 155	589
703		1 365	696
		1 575	804
		1 756	911
			1 018
			1 125
			1 132

Passenger Compartment Index Corrections

OA	OB	OC	OD
Pax	Pax	Pax	Pax
Index	Index	Index	Index
1 - 2	1	1	1
3	2 - 4	2 - 5	2 - 3
4	5 - 7	6 - 9	4
5 - 6	8 - 10	10 - 13	5 - 6
7	11 - 12	14 - 17	7
8	13 - 15	18 - 22	8
	16 - 18	23 - 26	9 - 10
	19 - 21	27 - 30	11
	22 - 24	31 - 34	12
	25 - 27	35 - 38	13 - 14
	28 - 30	39 - 42	15
	31 - 33	43 - 46	16 - 17
	34 - 36		18
			19
			20 - 21
			22
			23
			24

BALANCE CALCULATION TABLE

	INDEX	WEIGHT (kg)
	-	+
DOI / DOW		
PAX CABIN	OA	
	OB	
	OC	
	OD	
FWD CPT	CPT 1	
	CPT 2	
AFT CPT	CPT 3	
	CPT 4	
EXTRA CREW		
EXTRA GALLEY		
TOTALS		

Miscellaneous Index Corrections

Place	Number/Weight	Index
Cockpit	+1person / 80 kg	- 1.1
Cabin Crew		
FWD Attend.	-1person / 75 kg	- 0.9
AFT Attend.	-1person / 75 kg	+ 0.93
Galleys		
G1	+ 100 kg	- 1.31
G2	+ 100 kg	- 1.12
G4B	+ 100 kg	+1.11
Cargo CPTs		
FWD CPT 1	+ 100 kg	- 0.88
FWD CPT 2	+ 100 kg	- 0.61
AFT CPT 3	+ 100 kg	+0.48
AFT CPT 4	+ 100 kg	+0.93

Last Minute Change

Specification	Pax Zone or Cargo CPT	Index	Weight
LMC	Total		

Note: If Last Minute Change is more than 500 kg new Weight and Balance Sheet must be prepared

% MAC and Stab Setting

	% MAC	Stab
Takeoff		
Zero Fuel		
Landing		

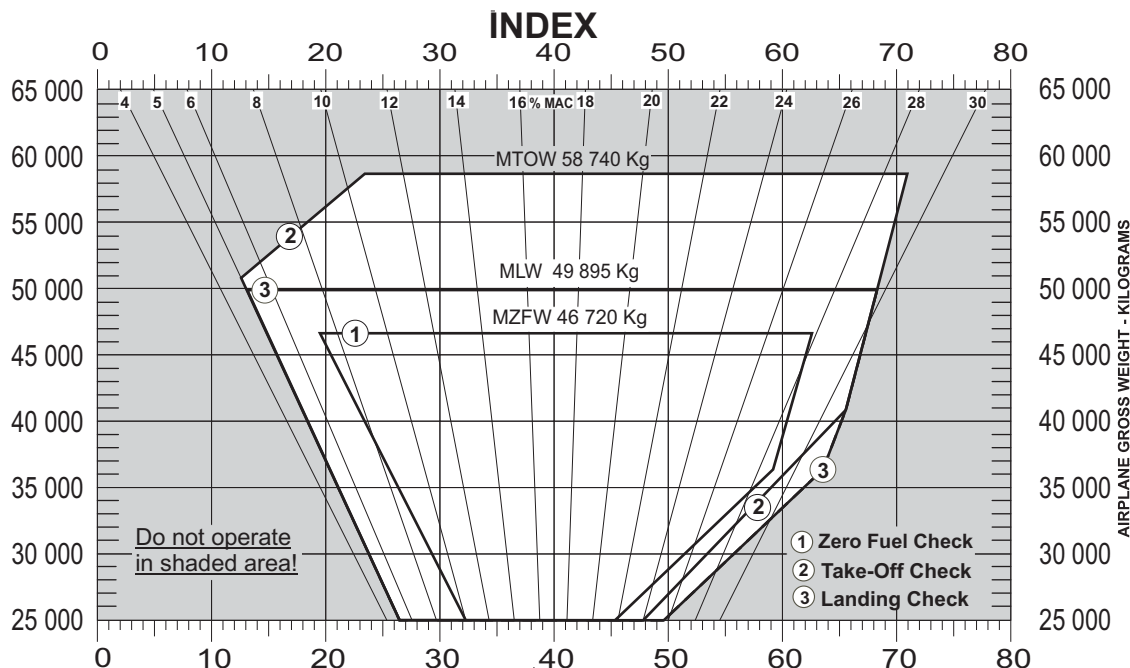
	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- TO Fuel IND Corr.		
Loaded Index TOW (LITOW)		

Trip Fuel (kg)

	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- Landing Fuel IND Corr.		
Loaded Index LAW (LILAW)		

Fuel Adjustment Index

Fuel Weight kg	Index	Fuel Weight kg	Index
365	0	9 800	-1
1 300	-1	10 500	-2
2 600	-2	11 100	-3
4 800	-3	11 800	-4
7 000	-4	12 400	-5
7 800	-3	13 000	-6
8 300	-2	13 700	-7
8 700	-1	14 400	-8
9 000	0	15 000	-9
9 200	+1	15 600	-10
9 800	0	16 000	-10.6
		16 100	



For more accuracy see the next page



Aircraft

VQ-BAC VQ-BAD VQ-BAE
VP-BXO VP-BXQ VP-BXR
VP-BXV VP-BXU VP-BXY
VP-BXZ

WEIGHT AND BALANCE SHEET

Boeing 737-500

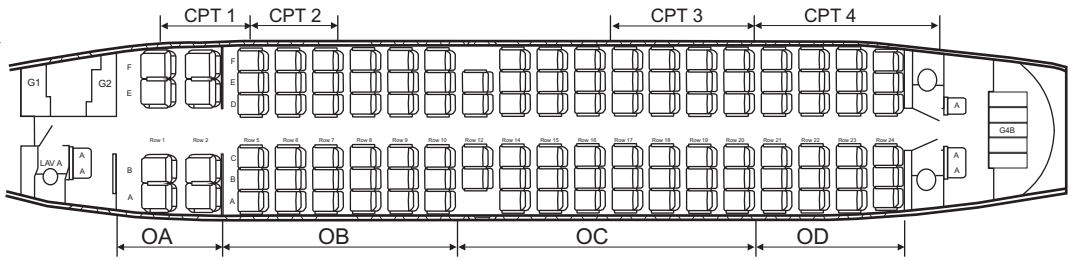
PAX VERSION 8C + 106 Y Seats

FLIGHT № _____

DATE _____

PREPARED BY _____

Configuration 8C + 106Y
MTW 58 967 kg
MTOW 58 740 kg
MLW 49 895 kg
MZFV 46 720 kg
MFC (0.8 kg/l) 16 100 kg



Cargo Compartment Index Corrections

CPT 1		CPT 2		CPT 3		CPT 4	
Cargo Weight kg	Index	Cargo Weight kg	Index	Cargo Weight kg	Index	Cargo Weight kg	Index
58	0	82	0	105	0	54	0
173	-1	245	-1	315	+1	161	+1
289	-2	408	-2	525	+2	268	+2
405	-3	571	-3	735	+3	375	+3
520	-4	734	-4	945	+4	482	+4
638	-5	869	-5	1 155	+5	589	+5
				1 365	+6	696	+6
				1 575	+7	804	+7
				1 756	+8	911	+8
						1 018	+9
						1 125	+10
						1 132	+11

Passenger Compartment Index Corrections

OA		OB		OC		OD	
Pax	Index	Pax	Index	Pax	Index	Pax	Index
1 - 2	-1	1	0	1	0	1	+1
3	-2	2 - 4	-1	2 - 5	+1	2 - 3	+2
4	-3	5 - 7	-2	6 - 9	+2	4	+3
5 - 6	-4	8 - 10	-3	10 - 13	+3	5 - 6	+4
7	-5	11 - 12	-4	14 - 17	+4	7	+5
8	-6	13 - 15	-5	18 - 22	+5	8	+6
		16 - 18	-6	23 - 26	+6	9 - 10	+7
		19 - 21	-7	27 - 30	+7	11	+8
		22 - 24	-8	31 - 34	+8	12	+9
		25 - 27	-9	35 - 38	+9	13 - 14	+10
		28 - 30	-10	39 - 42	+10	15	+11
		31 - 33	-11	43 - 46	+11	16 - 17	+12
		34 - 36	-12			18	+13
						19	+14
						20 - 21	+15
						22	+16
						23	+17
						24	+18

BALANCE CALCULATION TABLE

	INDEX		WEIGHT (kg)
	-	+	
DOI / DOW			
PAX CABIN	OA		
	OB		
	OC		
	OD		
FWD CPT	CPT 1		
	CPT 2		
AFT CPT	CPT 3		
	CPT 4		
EXTRA CREW			
EXTRA GALLEY			
TOTALS			

Miscellaneous Index Corrections

Place	Number/Weight	Index
Cockpit	+1 person / 80 kg	- 1.1
Cabin Crew		
FWD Attend.	-1 person / 75 kg	- 0.9
AFT Attend.	-1 person / 75 kg	+ 0.93
Galleys		
G1	+ 100 kg	- 1.31
G2	+ 100 kg	- 1.12
G4B	+ 100 kg	+ 1.11
Cargo CPTs		
FWD CPT 1	+ 100 kg	- 0.87
FWD CPT 2	+ 100 kg	- 0.61
AFT CPT 3	+ 100 kg	+ 0.48
AFT CPT 4	+ 100 kg	+ 0.93

Last Minute Change

Specification	Pax Zone or Cargo CPT	Index	Weight
LMC Total			

Note: If Last Minute Change is more than 500 kg new Weight and Balance Sheet must be prepared

% MAC and Stab Setting

	% MAC	Stab
Takeoff		
Zero Fuel		
Landing		

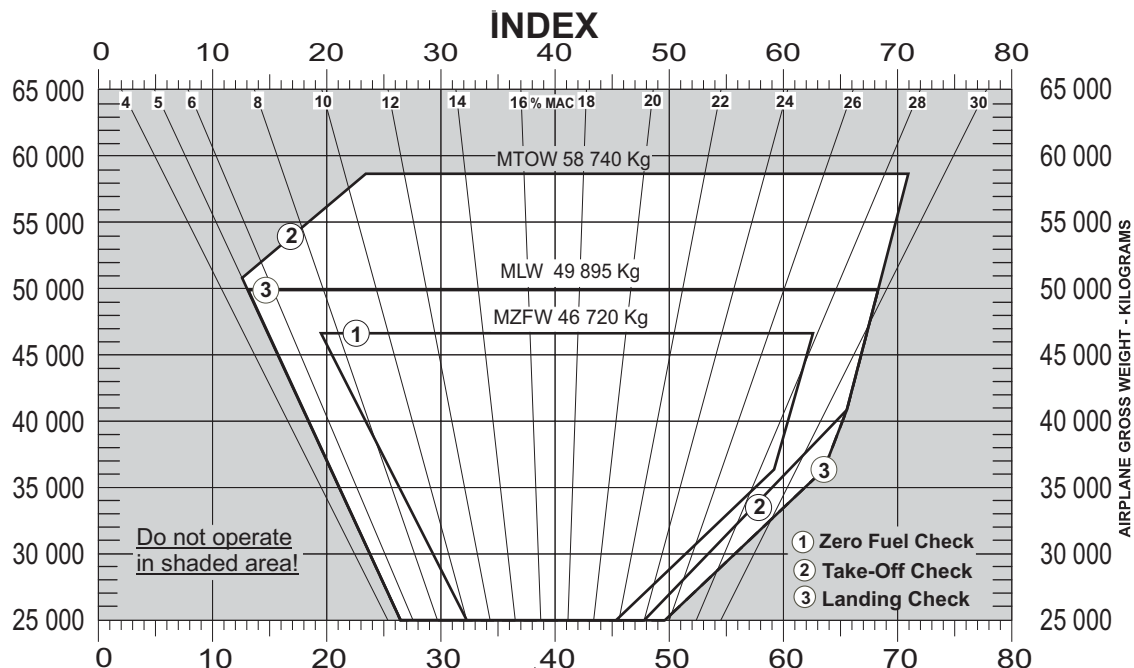
	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- TO Fuel IND Corr.		
Loaded Index TOW (LITOW)		

Trip Fuel (kg)

	INDEX	WEIGHT kg
Loaded Index ZFW (LIZFW)		
+/- Landing Fuel IND Corr.		
Loaded Index LAW (LILAW)		

Fuel Adjustment Index

Fuel Weight kg	Index	Fuel Weight kg	Index
365	0	9 800	-1
1 300	-1	10 500	-2
2 600	-2	11 100	-3
4 800	-3	11 800	-4
7 000	-4	12 400	-5
7 800	-3	13 000	-6
8 300	-2	13 700	-7
8 700	-1	14 400	-8
9 000	0	15 000	-9
9 200	+1	15 600	-10
9 800	0	16 000	-10.6
		16 100	



For more accuracy see the next page



WEIGHT AND BALANCE SHEET

Boeing 737-500 Configuration 114 seats (8C + 106Y)

Stab Trim Setting on Takeoff

% M A C	For Weight 45 359 kg or less		For Weight 45 360 – 54 430 kg		For Weight 54 431 kg or more	
	FLAPS		FLAPS		FLAPS	
	1	5 and 15	1	5 and 15	1	5 and 15
6	6	5 3/4	6 1/2	6 1/4	7	6 3/4
8	5 3/4	5 1/2	6 1/4	6	6 3/4	6 1/2
10	5 1/2	5	6	5 1/2	6 1/2	6
12	5 1/4	4 3/4	5 3/4	5 1/4	6 1/4	5 3/4
14	5	4 1/2	5 1/2	5	6	5 1/2
16	4 3/4	4 1/4	5 1/4	4 3/4	5 3/4	5 1/4
18	4 1/2	3 3/4	5	4 1/4	5 1/2	4 3/4
20	4 1/4	3 1/2	4 3/4	4	5 1/4	4 1/2
22	4	3 1/4	4 1/2	3 3/4	5	4 1/4
24	3 3/4	3	4 1/4	3 1/2	4 3/4	4
26	3 1/2	2 1/2	4	3	4 1/2	3 1/2
28	3 1/4	2 1/4	3 3/4	2 3/4	4 1/4	3 1/4
30	3	2	3 1/2	2 1/2	4	3

Fuel Index Correction

Fuel Weight	0	100	200	300	400	500	600	700	800	900
0	0	-0,14	-0,28	-0,42	-0,54	-0,66	-0,79	-0,90	-1,00	-1,11
1000	-1,21	-1,31	-1,40	-1,50	-1,59	-1,67	-1,76	-1,84	-1,92	-2,01
2000	-2,08	-2,15	-2,22	-2,29	-2,36	-2,43	-2,49	-2,55	-2,61	-2,67
3000	-2,72	-2,77	-2,83	-2,88	-2,93	-2,98	-3,03	-3,07	-3,12	-3,16
4000	-3,20	-3,25	-3,29	-3,32	-3,35	-3,38	-3,42	-3,45	-3,49	-3,52
5000	-3,55	-3,58	-3,60	-3,63	-3,65	-3,67	-3,68	-3,70	-3,71	-3,72
6000	-3,74	-3,75	-3,75	-3,75	-3,75	-3,76	-3,76	-3,76	-3,77	-3,77
7000	-3,55	-3,45	-3,33	-3,21	-3,08	-2,92	-2,76	-2,60	-2,43	-2,25
8000	-2,08	-1,86	-1,65	-1,43	-1,19	-0,95	-0,70	-0,45	-0,16	+ 0,13
9000	+ 0,42	+ 0,63	+ 0,47	+ 0,31	+ 0,16	0,00	-0,16	-0,32	-0,48	-0,63
10000	-0,79	-0,94	-1,10	-1,25	-1,40	-1,56	-1,71	-1,87	-2,02	-2,18
11000	-2,33	-2,48	-2,63	-2,79	-2,94	-3,10	-3,25	-3,40	-3,56	-3,71
12000	-3,86	-4,02	-4,17	-4,33	-4,48	-4,63	-4,78	-4,94	-5,09	-5,24
13000	-5,40	-5,55	-5,71	-5,86	-6,02	-6,17	-6,33	-6,48	-6,64	-6,79
14000	-6,94	-7,09	-7,24	-7,39	-7,55	-7,70	-7,86	-8,01	-8,16	-8,32
15000	-8,48	-8,64	-8,81	-8,99	-9,18	-9,36	-9,56	-9,76	-9,95	-10,17
16000	-10,39	-10,56								