



VARESH AIRLINES

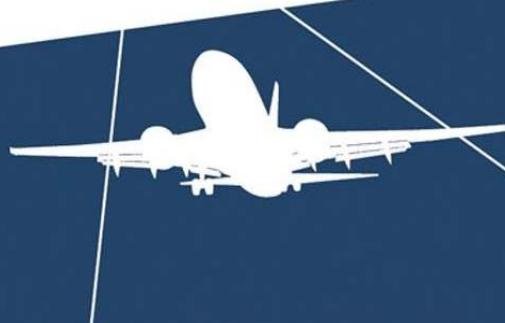
WEIGHT & BALANCE DATA



5th Issue

Revision:06

Date:26 Mar 2023



Weight & Balance Management System Vahres Airlines

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Carrier
VR

5th Issue - Revision:06
Date:26 Mar 2023

Weight & Balance Data

A
Sheet1

The Aircraft Weight and Balance Data has been prepared in recognition of the importance of weight and balance technology in conducting safe and efficient flight. The objective of this Weight and Balance Data is twofold: to provide the airframe and power plant mechanic (A&P) with the method of determining the empty weight and empty weight center of gravity (EWCG) of an aircraft and to furnish the flight crew with information on loading and operating the aircraft to ensure its weight is within the allowable limit and the center of gravity (CG) is within the allowable range.

Load Control Principles

The safety of a flight requires accurate planning, recording and reporting of all actual load boarded on an aircraft. Documented communication is required to ensure correct weight & balance calculations are conducted prior to an aircraft's departure.

Regulatory Requirements

Operational load control records must be retained in accordance with all applicable regulatory and operating Varesh airline requirements to include:

- (a) Load control documentation for each flight in accordance with requirements of the Varesh airline; The Load Control process must have an audit trail for each departure.
- (b) Weight and balance records must be retained for a period in accordance with applicable regulations and/or requirements of the Varesh airline, but no less than a period of three months.
- (c) Forms used in the Load Control process must be in compliance with the Varesh airlines weight and balance data.
- (d) The Varesh airline will identify specific weight and balance within each aircraft type for the purpose of planning and positioning the load in the aircraft.

Weight and Balance Calculation be based on current aircraft weight and balance data as determined by Varesh airline.

- This Manual is include Current/Valid Manual Wight & Balance Data, Trim sheets, Loading Instruction/Reports (LIRs) ofVaresh fleetand shall be used by Load controllers, Dispatchers and Pilots for Weight & Balance calculations .
- This Manual conditionally revised by Varesh Airlines weight & balance management ,
- This Manual(Weght& Balance Data) is Instead to all previous Weight & Balance Documents any other documents.
- The person supervising the loading of the aircraft shall confirm by hand signature or equivalent that the load and its distribution are in accordance with the mass & balance and Loading Instruction Reports documentation given to the commander. The commander shall indicate his/her acceptance by hand signature or equivalent.

SUPPLIERS`CONTACTS

Completed sheets and changes of basic data and procedure smuts be forward to:

Email: Commercial@varesh.aero

Email: vahm565.iran@gmail.com

MOB:+989129155921



Carrier
VR

5th Issue - Revision:06
Date:26 Mar 2023

Weight & Balance Data

A
Sheet 2

Record of Revisions:

Row	ISSUE NO - REV	Remarks (Revised/affected sheets)	Revision Date
1	04-00		29 Jan 2022
2	05-00	Aircraft Weight and Balance Data - Load And Trim Sheet (EP-VAA)	24 Mar 2022
3	05-01	Aircraft Weight and Balance Data - Load And Trim Sheet (EP-RBC)	16 JUN 2022
4	05-02	Aircraft Weight and Balance Data - Load And Trim Sheet (EP-VAI)	30 Aug 2022
5	05-03	Aircraft Weight and Balance Data - Load And Trim Sheet (EP-VBM)	06 NOV 2022
6	05-04	Aircraft Weight and Balance Data (EP-VAA)	01Jan 2023
7	05-04	Aircraft Weight and Balance Data (EP-VAA)	09 Dec 2022
8	05-05	Aircraft Weight and Balance Data (EP-RBC)	21Jan 2023
9	05-06	Aircraft Weight and Balance Data (EP-VAR)	26 Mar 2023

Documents contained in this manual are Valid for following registration(s):

Title	Form No. Issue. Revision. Date	Remarks
Aircraft Weight and Balance Data		
EP-VAA	Form No.: VRH-OPS-71 Issue 06- Rev. 00 - Date 01.Jan .2023	
EP-VAI	Form No.: VRH-OPS-72 Issue 04- Rev. 01- Date 30.Aug .2022	
EP-VAF	Form No.: VRH-OPS-73 Issue 05- Rev. 00 - Date 09.Dec .2022	
EP-VAR	Form No.: VRH-OPS-74 Issue 05- Rev. 00 - Date 26.Mar .2023	
EP-VBM	Form No.: VRH-OPS-75 Issue 05- Rev. 00 - Date 06.Nov.2022	
EP-RBC	Form No.: VRH-OPS-76 Issue 02- Rev. 00 - Date 21.Jan .2023	
LOAD AND TRIM SHEET		
EP-VAA	Form No.: VRH-OPS-71 Issue 05- Rev. 00 - Date 24.Mar .2022	
EP-VAI	Form No.: VRH-OPS-72 Issue 04- Rev. 00 - Date 29.Jan .2022	
EP-VAF	Form No.: VRH-OPS-73 Issue 04- Rev. 00 - Date 29.Jan .2022	
EP-VAR&VBM	Form No.: VRH-OPS-74 Issue 04- Rev. 00 - Date 29.Jan .2022	
EP-RBC	Form No.: VRH-OPS-76 Issue 01- Rev. 00 - Date 16.Jun .2022	
Loading Instruction/Report (LIR)		
B737-300	Form No.: VRH-OPS-76 Issue 04- Rev. 00 - Date 29.Jan .2022	
B737-500	Form No.: VRH-OPS-77 Issue 04- Rev. 00 - Date 29.Jan .2022	



Carrier
VR

5th Issue - Revision:06
Date:26 Mar 2023

Manual Distribution

A
Sheet 3

Dear Colleague:

Please Confirm That You Have Received The Following Weight And Balance Data .

Recipient:

Title:

Weight And Balance Data	ISSUE No.	Revision No.	Revision Date
	05	06	26 MAR 2023

Acknowledgement

Name :.....

Signature

WEIGHT & BALANCE REPORT

VARESH AIRLINES

B737-300



B737-300 Weight and Balance Card [KGS]

Reference: Weight Report NOV.2022

Type: BOEING 737

Model: 300

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-VAA	29245	47,627	62,822	51,709
MAX TAXI WEIGHT	63,049	BASIC WEIGHT: 32134		BASIC INDEX: 40.74

Standard Passenger Distribution Configuration Y 144

Pantry	Number of Crew					
	2/0	2/1	2/2	2/3	2/4	2/5
A DOW/DOI	32304 / 37.91	32379 / 36.89	32454 / 35.86	32529 / 36.89	32604 / 37.92	32679 / 38.96
B DOW/DOI	32431 / 38.13	32506 / 37.10	32581 / 36.08	32656 / 37.11	32731 / 38.14	32806 / 39.18
C DOW/DOI	32558 / 38.35	32633 / 37.32	32708 / 36.29	32783 / 37.33	32858 / 38.36	32933 / 39.40
D DOW/DOI	32662 / 39.00	32737 / 37.97	32812 / 36.94	32887 / 37.98	32962 / 39.01	33037 / 40.04
E DOW/DOI	32782 / 39.48	32857 / 38.45	32932 / 37.42	33007 / 38.45	33082 / 39.49	33157 / 40.52

Pantry	Number of Crew					
	3/0	3/1	3/2	3/3	3/4	3/5
A DOW/DOI	32389 / 36.60	32464 / 35.57	32539 / 34.54	32614 / 35.58	32689 / 36.61	32764 / 37.64
B DOW/DOI	32516 / 36.82	32591 / 35.79	32666 / 34.76	32741 / 35.80	32816 / 36.83	32891 / 37.86
C DOW/DOI	32643 / 37.04	32718 / 36.01	32793 / 34.98	32868 / 36.01	32943 / 37.05	33018 / 38.08
D DOW/DOI	32747 / 37.69	32822 / 36.66	32897 / 35.63	32972 / 36.66	33047 / 37.70	33122 / 38.73
E DOW/DOI	32867 / 38.16	32942 / 37.14	33017 / 36.11	33092 / 37.14	33167 / 38.17	33242 / 39.21

Pantry	Number of Crew					
	4/0	4/1	4/2	4/3	4/4	4/5
A DOW/DOI	32474 / 35.27	32549 / 34.24	32624 / 33.21	32699 / 34.24	32774 / 35.28	32849 / 36.31
B DOW/DOI	32601 / 35.49	32676 / 34.46	32751 / 33.43	32826 / 34.46	32901 / 35.50	32976 / 36.53
C DOW/DOI	32728 / 35.71	32803 / 34.68	32878 / 33.65	32953 / 34.68	33028 / 35.72	33103 / 36.75
D DOW/DOI	32832 / 36.35	32907 / 35.33	32982 / 34.30	33057 / 35.33	33132 / 36.36	33207 / 37.40
E DOW/DOI	32952 / 36.83	33027 / 35.80	33102 / 34.77	33177 / 35.81	33252 / 36.84	33327 / 37.88

Pantry Code	Specification
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)
B	ONE WAY FLIGHT
C	TWO WAY FLIGHT
D	THREE WAY FLIGHT
E	FOUR WAY FLIGHT

Standard Weight of Passengers			
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg	Infant Carried by an Adult : 00 kg
Crew Variation From Standard in Passenger Seat	Weight	Index	EDP
	DOW Adj.	Manual Load Sheet	LOAD SHEET
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat	84 Kg	Add Index of Occupied Seat/ Zone	DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat	84 Kg	Add Index of Occupied Seat/ Zone	DOI Adj.

WEIGHT & BALANCE REPORT

VARESH AIRLINES

B737-300



B737-300 Weight and Balance Card [KGS]

Reference: Weight Report 10.AUG.2022

Type: BOEING 737

Model: 300

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-VAI	29055	48,307	63,276	52,888
MAX TAXI WEIGHT	63,502	BASIC WEIGHT: 32565		BASIC INDEX: 39.38

Standard Passenger Distribution Configuration Y 144

Pantry	Number of Crew					
	2/0	2/1	2/2	2/3	2/4	2/5
A DOW/DOI	32735 / 36.56	32810 / 35.53	32885 / 34.50	32960 / 35.53	33035 / 36.57	33110 / 37.60
B DOW/DOI	32862 / 36.78	32937 / 35.75	33012 / 34.72	33087 / 35.75	33162 / 36.79	33237 / 37.82
C DOW/DOI	32989 / 36.99	33064 / 35.97	33139 / 34.94	33214 / 35.97	33289 / 37.00	33364 / 38.04
D DOW/DOI	33093 / 37.64	33168 / 36.61	33243 / 35.59	33318 / 36.62	33393 / 37.65	33468 / 38.69
E DOW/DOI	33213 / 38.12	33288 / 37.09	33363 / 36.06	33438 / 37.10	33513 / 38.13	33588 / 39.16

Pantry	Number of Crew					
	3/0	3/1	3/2	3/3	3/4	3/5
A DOW/DOI	32820 / 35.24	32895 / 34.21	32970 / 33.19	33045 / 34.22	33120 / 35.25	33195 / 36.29
B DOW/DOI	32947 / 35.46	33022 / 34.43	33097 / 33.40	33172 / 34.44	33247 / 35.47	33322 / 36.51
C DOW/DOI	33074 / 35.68	33149 / 34.65	33224 / 33.62	33299 / 34.66	33374 / 35.69	33449 / 36.72
D DOW/DOI	33178 / 36.33	33253 / 35.30	33328 / 34.27	33403 / 35.31	33478 / 36.34	33553 / 37.37
E DOW/DOI	33298 / 36.81	33373 / 35.78	33448 / 34.75	33523 / 35.78	33598 / 36.82	33673 / 37.85

Pantry	Number of Crew					
	4/0	4/1	4/2	4/3	4/4	4/5
A DOW/DOI	32905 / 33.91	32980 / 32.88	33055 / 31.85	33130 / 32.89	33205 / 33.92	33280 / 34.95
B DOW/DOI	33032 / 34.13	33107 / 33.10	33182 / 32.07	33257 / 33.11	33332 / 34.14	33407 / 35.17
C DOW/DOI	33159 / 34.35	33234 / 33.32	33309 / 32.29	33384 / 33.32	33459 / 34.36	33534 / 35.39
D DOW/DOI	33263 / 35.00	33338 / 33.97	33413 / 32.94	33488 / 33.97	33563 / 35.01	33638 / 36.04
E DOW/DOI	33383 / 35.47	33458 / 34.45	33533 / 33.42	33608 / 34.45	33683 / 35.48	33758 / 36.52

Pantry Code	Specification
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)
B	ONE WAY FLIGHT
C	TWO WAY FLIGHT
D	THREE WAY FLIGHT
E	FOUR WAY FLIGHT

Standard Weight of Passengers			
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg	Infant Carried by an Adult : 00 kg
Crew Variation From Standard in Passenger Seat	Weight	Index	EDP
	DOW Adj.	Manual Load Sheet	LOAD SHEET
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat	84 Kg	Add Index of Occupied Seat/ Zone	DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat	84 Kg	Add Index of Occupied Seat/ Zone	DOI Adj.

WEIGHT & BALANCE REPORT
VARESH AIRLINES
B737-500



B737-500 Weight and Balance Card [KGS]

Reference: Weight Report 03.DEC.2022

Type: BOEING 737

Model: 500

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-VAF	28201	46,493	58,966	49,895
MAX TAXI WEIGHT	59,193	BASIC WEIGHT: 30925		BASIC INDEX: 36.57

Standard Passenger Distribution Configuration Y 135

Pantry		Number of Crew					
		2/0	2/1	2/2	2/3	2/4	2/5
A	DOW/DOI	31095 / 34.05	31170 / 33.15	31245 / 32.25	31320 / 33.17	31395 / 34.10	31470 / 33.32
B	DOW/DOI	31207 / 34.80	31282 / 33.90	31357 / 33.00	31432 / 33.92	31507 / 34.85	31582 / 34.07
C	DOW/DOI	31320 / 35.24	31395 / 34.34	31470 / 33.44	31545 / 34.36	31620 / 35.29	31695 / 34.51
D	DOW/DOI	31431 / 35.22	31506 / 34.32	31581 / 33.42	31656 / 34.35	31731 / 35.27	31806 / 34.50
E	DOW/DOI	31543 / 36.51	31618 / 35.61	31693 / 34.71	31768 / 35.64	31843 / 36.56	31918 / 35.78

Pantry		Number of Crew					
		3/0	3/1	3/2	3/3	3/4	3/5
A	DOW/DOI	31180 / 32.89	31255 / 31.99	31330 / 31.09	31405 / 32.01	31480 / 32.94	31555 / 32.16
B	DOW/DOI	31292 / 33.64	31367 / 32.74	31442 / 31.84	31517 / 32.76	31592 / 33.69	31667 / 32.91
C	DOW/DOI	31405 / 34.08	31480 / 33.18	31555 / 32.28	31630 / 33.20	31705 / 34.13	31780 / 33.35
D	DOW/DOI	31516 / 34.06	31591 / 33.16	31666 / 32.26	31741 / 33.19	31816 / 34.11	31891 / 33.34
E	DOW/DOI	31628 / 35.35	31703 / 34.45	31778 / 33.55	31853 / 34.48	31928 / 35.40	32003 / 34.62

Pantry		Number of Crew					
		4/0	4/1	4/2	4/3	4/4	4/5
A	DOW/DOI	31265 / 31.71	31340 / 30.81	31415 / 29.91	31490 / 30.83	31565 / 31.76	31640 / 30.98
B	DOW/DOI	31377 / 32.46	31452 / 31.56	31527 / 30.66	31602 / 31.58	31677 / 32.51	31752 / 31.73
C	DOW/DOI	31490 / 32.90	31565 / 32.00	31640 / 31.10	31715 / 32.02	31790 / 32.95	31865 / 32.17
D	DOW/DOI	31601 / 32.88	31676 / 31.98	31751 / 31.08	31826 / 32.01	31901 / 32.93	31976 / 32.16
E	DOW/DOI	31713 / 34.17	31788 / 33.27	31863 / 32.37	31938 / 33.29	32013 / 34.22	32088 / 33.44

Pantry Code	Specification
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)
B	ONE WAY FLIGHT
C	TWO WAY FLIGHT
D	THREE WAY FLIGHT
E	FOUR WAY FLIGHT

Standard Weight of Passengers					
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg		Infant Carried by an Adult : 00 kg	
Crew Variation From Standard in Passenger Seat		Weight	Index		EDP
		DOW Adj.	Manual Load Sheet		LOAD SHEET
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.

WEIGHT & BALANCE REPORT

VARESH AIRLINES

B737-500



B737-500 Weight and Balance Card [KGS]

Reference: Weight Report 15.Mar.2023

Type: BOEING 737

Model: 500

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-VAR	28927	46,720	60,554	49,895
MAX TAXI WEIGHT	60,761	BASIC WEIGHT: 31251		BASIC INDEX: 40.22
Standard Passenger Distribution Configuration Y 126				

Pantry	Number of Crew					
	2/0	2/1	2/2	2/3	2/4	2/5
A	DOW/DOI	31421 / 37.70	31496 / 36.80	31571 / 35.90	31646 / 36.82	31721 / 37.75
B	DOW/DOI	31524 / 37.44	31599 / 36.54	31674 / 35.63	31749 / 36.56	31824 / 37.49
C	DOW/DOI	31627 / 37.71	31702 / 36.81	31777 / 35.91	31852 / 36.83	31927 / 37.76
D	DOW/DOI	31731 / 37.73	31806 / 36.83	31881 / 35.93	31956 / 36.85	32031 / 37.78
E	DOW/DOI	31834 / 38.03	31909 / 37.12	31984 / 36.22	32059 / 37.15	32134 / 38.08
						32209 / 39.00

Pantry	Number of Crew					
	3/0	3/1	3/2	3/3	3/4	3/5
A	DOW/DOI	31506 / 36.54	31581 / 35.64	31656 / 34.74	31731 / 35.66	31806 / 36.59
B	DOW/DOI	31609 / 36.28	31684 / 35.38	31759 / 34.47	31834 / 35.40	31909 / 36.33
C	DOW/DOI	31712 / 36.55	31787 / 35.65	31862 / 34.75	31937 / 35.67	32012 / 36.60
D	DOW/DOI	31816 / 36.57	31891 / 35.67	31966 / 34.77	32041 / 35.69	32116 / 36.62
E	DOW/DOI	31919 / 36.87	31994 / 35.96	32069 / 35.06	32144 / 35.99	32219 / 36.92
						32294 / 37.84

Pantry	Number of Crew					
	4/0	4/1	4/2	4/3	4/4	4/5
A	DOW/DOI	31591 / 35.36	31666 / 34.46	31741 / 33.56	31816 / 34.48	31891 / 35.41
B	DOW/DOI	31694 / 35.10	31769 / 34.20	31844 / 33.29	31919 / 34.22	31994 / 35.15
C	DOW/DOI	31797 / 35.37	31872 / 34.47	31947 / 33.57	32022 / 34.49	32097 / 35.42
D	DOW/DOI	31901 / 35.39	31976 / 34.49	32051 / 33.59	32126 / 34.51	32201 / 35.44
E	DOW/DOI	32004 / 35.69	32079 / 34.78	32154 / 33.88	32229 / 34.81	32304 / 35.74
						32379 / 36.66

Pantry Code	Specification					
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)					
B	ONE WAY FLIGHT					
C	TWO WAY FLIGHT					
D	THREE WAY FLIGHT					
E	FOUR WAY FLIGHT					

Standard Weight of Passengers						
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg		Infant Carried by an Adult : 00 kg		
Crew Variation From Standard in Passenger Seat		Weight	Index		EDP	
		DOW Adj.	Manual Load Sheet		LOAD SHEET	
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat			84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat			84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.

WEIGHT & BALANCE REPORT

VARESH AIRLINES

B737-500



B737-500 Weight and Balance Card [KGS]

Reference: Weight Report 01.NOV.2022

Type: BOEING 737

Model: 500

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-VBM	28291	46,720	60,554	49,895
MAX TAXI WEIGHT	60,761	BASIC WEIGHT: 30956		BASIC INDEX: 38.05
Standard Passenger Distribution Configuration Y 126				

Pantry		Number of Crew					
		2/0	2/1	2/2	2/3	2/4	2/5
A	DOW/DOI	31126 / 35.53	31201 / 34.63	31276 / 33.73	31351 / 34.65	31426 / 35.58	31501 / 36.51
B	DOW/DOI	31229 / 35.27	31304 / 34.37	31379 / 33.47	31454 / 34.39	31529 / 35.32	31604 / 36.24
C	DOW/DOI	31332 / 35.54	31407 / 34.64	31482 / 33.74	31557 / 34.67	31632 / 35.59	31707 / 36.52
D	DOW/DOI	31436 / 35.56	31511 / 34.66	31586 / 33.76	31661 / 34.68	31736 / 35.61	31811 / 36.54
E	DOW/DOI	31539 / 35.86	31614 / 34.96	31689 / 34.05	31764 / 34.98	31839 / 35.91	31914 / 36.83

Pantry		Number of Crew					
		3/0	3/1	3/2	3/3	3/4	3/5
A	DOW/DOI	31211 / 34.37	31286 / 33.47	31361 / 32.57	31436 / 33.49	31511 / 34.42	31586 / 35.35
B	DOW/DOI	31314 / 34.11	31389 / 33.21	31464 / 32.31	31539 / 33.23	31614 / 34.16	31689 / 35.08
C	DOW/DOI	31417 / 34.38	31492 / 33.48	31567 / 32.58	31642 / 33.51	31717 / 34.43	31792 / 35.36
D	DOW/DOI	31521 / 34.40	31596 / 33.50	31671 / 32.60	31746 / 33.52	31821 / 34.45	31896 / 35.37
E	DOW/DOI	31624 / 34.70	31699 / 33.80	31774 / 32.89	31849 / 33.82	31924 / 34.75	31999 / 35.67

Pantry		Number of Crew					
		4/0	4/1	4/2	4/3	4/4	4/5
A	DOW/DOI	31296 / 33.19	31371 / 32.29	31446 / 31.39	31521 / 32.31	31596 / 33.24	31671 / 34.17
B	DOW/DOI	31399 / 32.93	31474 / 32.03	31549 / 31.13	31624 / 32.05	31699 / 32.98	31774 / 33.90
C	DOW/DOI	31502 / 33.20	31577 / 32.30	31652 / 31.40	31727 / 32.32	31802 / 33.25	31877 / 34.18
D	DOW/DOI	31606 / 33.22	31681 / 32.32	31756 / 31.42	31831 / 32.34	31906 / 33.27	31981 / 34.19
E	DOW/DOI	31709 / 33.52	31784 / 32.62	31859 / 31.71	31934 / 32.64	32009 / 33.57	32084 / 34.49

Pantry Code	Specification
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)
B	ONE WAY FLIGHT
C	TWO WAY FLIGHT
D	THREE WAY FLIGHT
E	FOUR WAY FLIGHT

Standard Weight of Passengers					
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg		Infant Carried by an Adult : 00 kg	
Crew Variation From Standard in Passenger Seat		Weight	Index		EDP
		DOW Adj.	Manual Load Sheet		LOAD SHEET
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.

WEIGHT & BALANCE REPORT

VARESH AIRLINES

B737-500



B737-500 Weight and Balance Card [KGS]

Reference: Weight Report 10.jan.2023

Type: BOEING 737

Model: 500

AIRCRAFT REG.	MSN	MAX ZERO FUEL WEIGHT	MAX TAKE-OFF WEIGHT	MAX LANDING WEIGHT
EP-RBC	28922	46,493	60,554	49,895
MAX TAXI WEIGHT	60,761	BASIC WEIGHT: 31559		BASIC INDEX: 42.21
Standard Passenger Distribution Configuration Y 126				

Pantry		Number of Crew					
		2/0	2/1	2/2	2/3	2/4	2/5
A	DOW/DOI	31729 / 39.69	31804 / 38.79	31879 / 37.89	31954 / 38.81	32029 / 39.74	32104 / 40.67
B	DOW/DOI	31832 / 39.43	31907 / 38.53	31982 / 37.62	32057 / 38.55	32132 / 39.48	32207 / 40.40
C	DOW/DOI	31935 / 39.70	32010 / 38.80	32085 / 37.90	32160 / 38.82	32235 / 39.75	32310 / 40.68
D	DOW/DOI	32039 / 39.72	32114 / 38.82	32189 / 37.92	32264 / 38.84	32339 / 39.77	32414 / 40.69
E	DOW/DOI	32142 / 40.02	32217 / 39.12	32292 / 38.21	32367 / 39.14	32442 / 40.07	32517 / 40.99

Pantry		Number of Crew					
		3/0	3/1	3/2	3/3	3/4	3/5
A	DOW/DOI	31814 / 38.53	31889 / 37.63	31964 / 36.73	32039 / 37.65	32114 / 38.58	32189 / 39.51
B	DOW/DOI	31917 / 38.27	31992 / 37.37	32067 / 36.46	32142 / 37.39	32217 / 38.32	32292 / 39.24
C	DOW/DOI	32020 / 38.54	32095 / 37.64	32170 / 36.74	32245 / 37.66	32320 / 38.59	32395 / 39.52
D	DOW/DOI	32124 / 38.56	32199 / 37.66	32274 / 36.76	32349 / 37.68	32424 / 38.61	32499 / 39.53
E	DOW/DOI	32227 / 38.86	32302 / 37.96	32377 / 37.05	32452 / 37.98	32527 / 38.91	32602 / 39.83

Pantry		Number of Crew					
		4/0	4/1	4/2	4/3	4/4	4/5
A	DOW/DOI	31899 / 37.35	31974 / 36.45	32049 / 35.55	32124 / 36.47	32199 / 37.40	32274 / 38.33
B	DOW/DOI	32002 / 37.09	32077 / 36.19	32152 / 35.28	32227 / 36.21	32302 / 37.14	32377 / 38.06
C	DOW/DOI	32105 / 37.36	32180 / 36.46	32255 / 35.56	32330 / 36.48	32405 / 37.41	32480 / 38.34
D	DOW/DOI	32209 / 37.38	32284 / 36.48	32359 / 35.58	32434 / 36.50	32509 / 37.43	32584 / 38.35
E	DOW/DOI	32312 / 37.68	32387 / 36.78	32462 / 35.87	32537 / 36.80	32612 / 37.73	32687 / 38.65

Pantry Code	Specification
A	POSITIONING/FERRY FLIGHT (WITHOUT CATERING)
B	ONE WAY FLIGHT
C	TWO WAY FLIGHT
D	THREE WAY FLIGHT
E	FOUR WAY FLIGHT

Standard Weight of Passengers					
Adult Passenger Including Hand Baggage : 84 kg		Children Passenger Including Hand Baggage : 35 kg		Infant Carried by an Adult : 00 kg	
Crew Variation From Standard in Passenger Seat		Weight	Index		EDP
		DOW Adj.	Manual Load Sheet		LOAD SHEET
Per Additional Cockpit Crew and Cabin Crew in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.
Per Flight Security Officer (FSO) and XCR in Passenger Seat		84 Kg	Add Index of Occupied Seat/ Zone		DOI Adj.

Priority Address(es)
 [] ► [] ► [] ► []

Originator Recharge/Date/Time Initials
 [] ► / []

L D M

Flight A/C Reg Config / Version Crew Date:
 [] • [] / [] / [] / [] / [] / [] / [] /

DRY OPERATING WEIGHT			MAXIMUM WEIGHT FOR		MAX ZERO FUEL	MAX TAKE-OFF (RTOW)	MAX LANDING
Crew	Cockpit +	Cabin					
XCR:	FSO:	+ +					
DRY OPERATING WEIGHT (Adjusted)	=		Take-off Fuel	+ +			
Take-off Fuel	+ +		Operating Weight	⊖			
OPERATING WEIGHT	=		ALLOWED TRAFFIC LOAD	=			

Dest.	No. of passengers			Total	Distribution weight				Remarks	
	ADULT	CH	INF		FWD HOLD		AFT HOLD		PAX	PAD
					1	2	3	4	Y	Y
-				Tr						
-				B						
-				C						
-				M				.PAX/ / /	.PAD/ / /	
•	/ / /	• T		.1/	.2/	.3/	.4/			
-				Tr						
-				B						
-				C						
-				M				.PAX/ / /	.PAD/ / /	
•	/ / /	• T		.1/	.2/	.3/	.4/			
-				Tr						
-				B						
-				C						
-				M				.PAX/ / /	.PAD/ / /	
•	/ / /	• T		.1/	.2/	.3/	.4/			
TTL										
Total Passenger Weight	+ +			ALLOWED TRAFFIC LOAD				Si ►		
TOTAL TRAFFIC LOAD	=									
Dry operating weight (Adjusted)	+ +			UNDER LOAD BEFORE LMC	=			◀	NOTES:	
ZERO FUEL WEIGHT				LAST MINUTE CHANGE (LMC)						
Max. LMC ± =				Dest. Specification cpt +/- Weight					Balance Cond	
LMC ± =									Seating Cond	
Take-off Fuel	+ +								% MAC: ZONE :	
TAKE-OFF WEIGHT									ZFW A:	
Lowest of a,b,c LMC ± =									TOW B:	
LMC ± =									STAB TRIM C:	
Trip fuel	⊖								As per Trimsheet D:	
LANDING WEIGHT				LMC TOTAL +/-				◀	Total Passenger Total Onboard	
Max. LMC ± =									Prepared by: Approved by:	
LMC ± =										

Check LMC total with Underload

Boeing737/300

WEIGHT AND BALANCE SHEET

PAX Version 144Y



FLIGHT NO.

DATE:

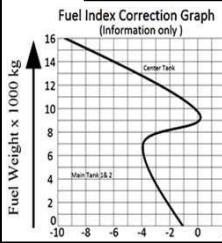
EP-VAA

GROSS WEIGHT LIMITATIONS

MAX.TAXI WEIGHT	63049 KG
MAX.TAKEOFF WEIGHT	62822 KG
MAX.LANDING WEIGHT	51709 KG
MAX.ZERO FUEL WEIGHT	47627 KG

Total Fuel Table (AllTanks)

Total Fuel INDEX TABLE			
FUEL WEIGHT kg	Index	FUEL WEIGHT kg	Index
1000	-1	10000	-1
2000	-2	10500	-2
3000	-3	11000	-2
4000	-3	11500	-3
5000	-4	12000	-4
6000	-4	12500	-5
7000	-4	13000	-5
8000	-2	13500	-6
9000	0	14000	-7
9110	1	14500	-8
		15000	-8
		15500	-9
		16140**	-11



Note:

- 1)Tanks No1 & No2 - Full (9110kg)
- 2)Tanks No1 . No2 & Central - Full (16140 kg)
- 3)Fuel Density .08 Kg/L

Cargo Compartments Index Correction

Load in Compartment /kg	Index Correction			
	FWD Cargo Compartment COMP 1	FWD Cargo Compartment COMP 2	AFT Cargo Compartment COMP 3	AFT Cargo Compartment COMP 4
100-200	-2	-1	1	2
201-300	-2	-2	2	3
301-400	-3	-2	2	4
401-500	-4	-3	3	5
501-600	-5	-4	3	6
601-700	-6	-4	4	7
701-800	-7	-5	4	8
801-900	-8	-6	5	9
901-1085	-9	-6	5	10
1086-1118	Weight	-5	6	12
1119-1300	Index	Weight	7	Weight
1301-1500		Index	8	Index
1501-1700			9	
1701-1900			10	
1901-2100			11	
2101-2337			12	
			Weight	
			Index	

Maximum Allowable Weight of Cargo :

FWD Cargo Compartment (cpt1) 1085 kg

FWD Cargo Compartment (cpt2) 1118 kg

TOTAL FWD CPT 2203 KG

AFT Cargo Compartment (cpt3) 2337 kg

AFT Cargo Compartment (cpt4) 1132 kg

TOTAL AFT CPT 3469 KG

Passengers Cabin Index Correction

No of PAX	Index Correction			
	PAX Sec. OA 36	PAX Sec. OB 36	PAX Sec. OC 36	PAX Sec. OD 36
1_2	-1	0	0	1
3_4	-3	-1	1	3
5_6	-4	-1	2	4
7_8	-6	-2	2	6
9_10	-7	-2	3	7
11_12	-9	-3	3	9
13_14	-10	-3	4	10
15_16	-12	-4	4	12
17_18	-13	-4	5	13
19_20	-15	-5	5	15
21_22	-16	-5	6	17
23_24	-18	-6	7	18
25_26	-19	-6	7	20
27_28	-21	-7	8	21
29_30	-23	-7	8	23
31_32	-24	-8	9	24
33_34	-26	-8	9	26
35_36	-27	-9	10	27
PAX :	PAX :	PAX :	PAX :	
Index :	Index :	Index :	Index :	

NOTE: MAX CAPACITY PAX.SEC. OA - 36 pax

MAX CAPACITY PAX.SEC. OB - 36 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

ZFW CG (%MAC)

		.
		.
		.

TOW CG (%MAC)

		.
		.
		.

LDW CG (%MAC)

		.
		.
		.

ZERO FUEL WEIGHT

TAKE - OFF WEIGHT

LANDING WEIGHT

Prepared by:

Approved by:

Use only the first two digits

Balance

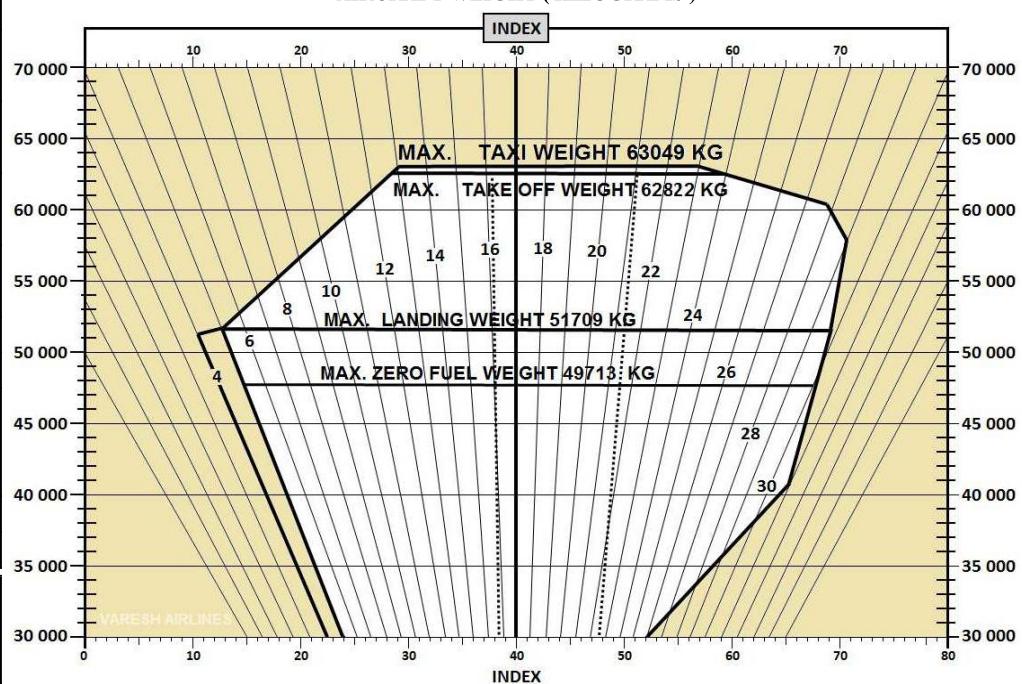
INDEX

Calculation Table

- +

CG%MAC	6	8	10	12	14	16	18	20	22	24	26	28	30
FLAPS 1°&5°	6 1/4	6	5 3/4	5 1/2	5 1/4	5	4 3/4	4 1/2	4 1/4	4	3 3/4	3 1/2	3 1/4
FLAPS 15°	5 3/4	5 1/2	5	4 3/4	4 1/2	4	3 3/4	3 1/2	3	2 3/4	2 1/2	2	1 1/4

AIRCRAFT WEIGHT (KILOGRAMS)



Boeing 737/300 WEIGHT AND BALANCE SHEET PAX Version 144Y



VARESH AIRLINES هواپیمایی وارش

FLIGHT NO.
DATE:

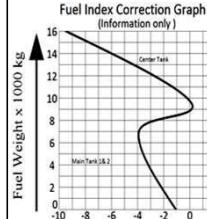
EP-VAI

GROSS WEIGHT LIMITATIONS

MAX.TAXI WEIGHT	63502 KG
MAX.TAKEOFF WEIGHT	63276 KG
MAX.LANDING WEIGHT	52888 KG
MAX.ZERO FUEL WEIGHT	48307 KG

Total Fuel Table (AllTanks)

Total Fuel INDEX TABLE			
FUEL WEIGHT kg	Index	FUEL WEIGHT kg	Index
1000	-1	10000	-1
2000	-2	10500	-2
3000	-3	11000	-2
4000	-3	11500	-3
5000	-4	12000	-4
6000	-4	12500	-5
7000	-4	13000	-5
8000	-2	13500	-6
9000	0	14000	-7
9110	1	14500	-8
		15000	-8
		15500	-9
		16140**	-11



Note:

- 1) Tanks No1 & No2 - Full (9110kg)
- 2) Tanks No1 . No2 & Central - Full (16140 kg)
- 3) Fuel Density . 08 Kg/L

Maximum Allowable Weight of Cargo :

FWD Cargo Compartment (cpt1) 1085 kg

FWD Cargo Compartment (cpt2) 1118 kg

TOTAL FWD CPT 2203 KG

AFT Cargo Compartment (cpt3) 2337 kg

AFT Cargo Compartment (cpt4) 1132 kg

TOTAL AFT CPT 3469 KG

Passengers Cabin Index Correction

No of PAX	Index Correction			
	PAX Sec. OA 36	PAX Sec. OB 36	PAX Sec. OC 36	PAX Sec. OD 36
1_2	-1	0	0	1
3_4	-3	-1	1	3
5_6	-4	-1	2	4
7_8	-6	-2	2	6
9_10	-7	-2	3	7
11_12	-9	-3	3	9
13_14	-10	-3	4	10
15_16	-12	-4	4	12
17_18	-13	-4	5	14
19_20	-15	-5	6	15
21_22	-16	-5	6	17
23_24	-18	-6	7	18
25_26	-19	-6	7	20
27_28	-21	-7	8	21
29_30	-22	-7	8	23
31_32	-24	-8	9	24
33_34	-25	-8	10	26
35_36	-27	-9	10	28
PAX : Index	PAX : Index	PAX : Index	PAX : Index	

NOTE: MAX CAPACITY PAX.SEC. OA - 36 pax

MAX CAPACITY PAX.SEC. OB - 36 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

ZFW CG (%MAC) .
TOW CG (%MAC) .
LDW CG (%MAC) .

ZERO FUEL WEIGHT
TAKE - OFF WEIGHT
LANDING WEIGHT

Prepared by: _____

Approved by: _____

Use only the first two digits

Balance	INDEX	
	-	+

CalculationTable

DOI

FWD CARGO CPT

Cpt .1

Cpt .2

AFT CARGO CPT

Cpt .3

Cpt .4

Pax Section OA

Pax Section OB

Pax Section OC

Pax Section OD

Sup Total =

LI ZFW =

FUEL index -

LI TOW =

LAST MINUTE CHANGE (+/-)

Corrected LITOW

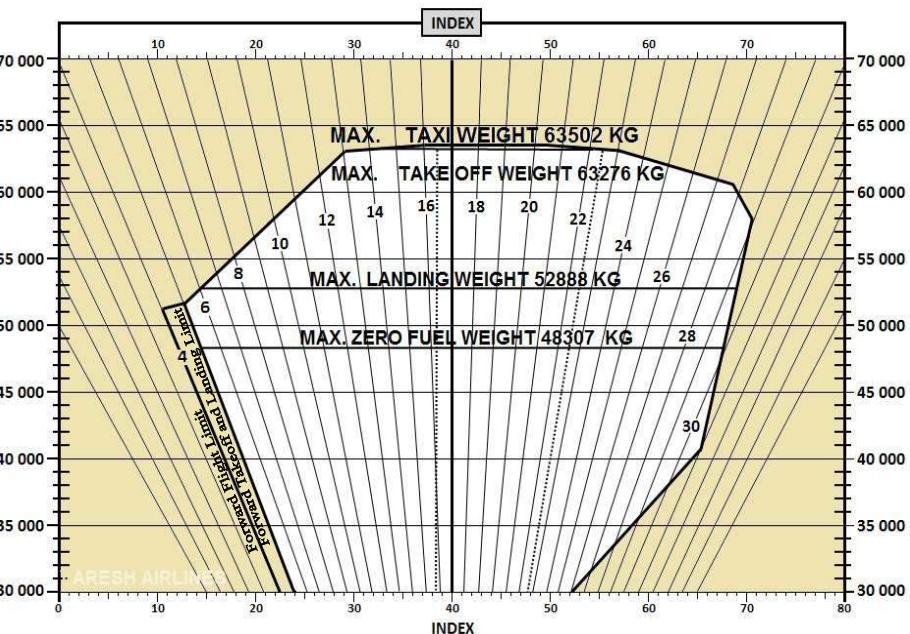
LI ZFW

Landing Fuel index -

LI LDW =

CG%MAC	6	8	10	12	14	16	18	20	22	24	26	28	30
FLAPS 1°&5°	6½	6	5¾	5½	5¼	5	4¾	4½	4¼	4	3¾	3½	3¼
FLAPS 15°	5¾	5½	5	4¾	4½	4	3¾	3½	3	2¾	2½	2	1¾

AIRCRAFT WEIGHT (KILOGRAMS)



Boeing737/500
WEIGHT AND BALANCE SHEET
PAX Version 135Y
EP-VAF



VARESH AIRLINES
 هواپیمایی وارش

FLIGHT NO.
 AIRCRAFT .
 DATE:

GROSS WEIGHT LIMITATIONS

MAX.TAXI WEIGHT	59193 KG
MAX.TAKEOFF WEIGHT	58966 KG
MAX.LANDING WEIGHT	49895 KG
MAX.ZERO FUEL WEIGHT	46493 KG

Total Fuel Table (AllTanks)

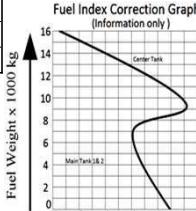
Total Fuel INDEX TABLE			
FUEL WEIGHT kg	Index	FUEL WEIGHT kg	Index
1000	-1	10000	-1
2000	-2	10500	-2
3000	-3	11000	-2
4000	-3	11500	-3
5000	-4	12000	-4
6000	-4	12500	-5
7000	-4	13000	-5
8000	-2	13500	-6
9000	0	14000	-7
9110	1	14500	-8
		15000	-8
		15500	-9
		16140**	-11

Note:

1)Tanks No1 & No2 - Full (9110kg)

2)Tanks No1 . No2 & Central - Full (16140 kg)

ZFW CG (%MAC)	<input type="text"/>	<input type="text"/>	<input type="text"/>
TOW CG (%MAC)	<input type="text"/>	<input type="text"/>	<input type="text"/>
LDW CG (%MAC)	<input type="text"/>	<input type="text"/>	<input type="text"/>



Maximum Allowable Weight of Cargo :

FWD Cargo Compartment (cpt1) 703 kg

FWD Cargo Compartment (cpt2) 869 kg

TOTAL FWD CPT 1572 KG

AFT Cargo Compartment (cpt3) 1756 kg

AFT Cargo Compartment (cpt4) 1132 kg

TOTAL AFT CPT 2888 KG

ZERO FUEL WEIGHT
 TAKE - OFF WEIGHT
 LANDING WEIGHT

Passengers Cabin Index Correction

No of PAX	Index Correction			
	PAX Sec. OA 30	PAX Sec. OB 36	PAX Sec. OC 36	PAX Sec. OD 33
1_2	-1	0	0	1
3_4	-2	-1	1	2
5_6	-4	-1	1	4
7_8	-5	-2	2	5
9_10	-7	-2	2	7
11_12	-8	-3	3	8
13_14	-10	-3	3	9
15_16	-11	-4	4	11
17_18	-12	-4	5	12
19_20	-14	-4	5	13
21_22	-15	-5	6	15
23_24	-17	-5	6	16
25_26	-18	-6	7	18
27_28	-19	-6	7	19
29_30	-21	-7	8	20
31_32	PAX : -7	8	22	
33_34	Index -8	9	23	
35_36	PAX : Index 9	PAX : Index	PAX : Index	PAX : Index

NOTE: Total : 136 Passengers

MAX CAPACITY PAX.SEC. OA - 30 pax

MAX CAPACITY PAX.SEC. OB - 36 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

MAX CAPACITY PAX.SEC. OC - 33 pax

Use only the first two digits

Balance INDEX

CalculationTable

- +

DOI

FWD CARGO CPT
 Cpt .1
 Cpt .2

AFT CARGO CPT
 Cpt .3
 Cpt .4

Pax Section OA

Pax Section OB

Pax Section OC

Pax Section OD

Sup Total =

LI ZFW =

FUEL index -

LI TOW =

LAST MINUTE CHANGE (+/-)

Corrected LITOW

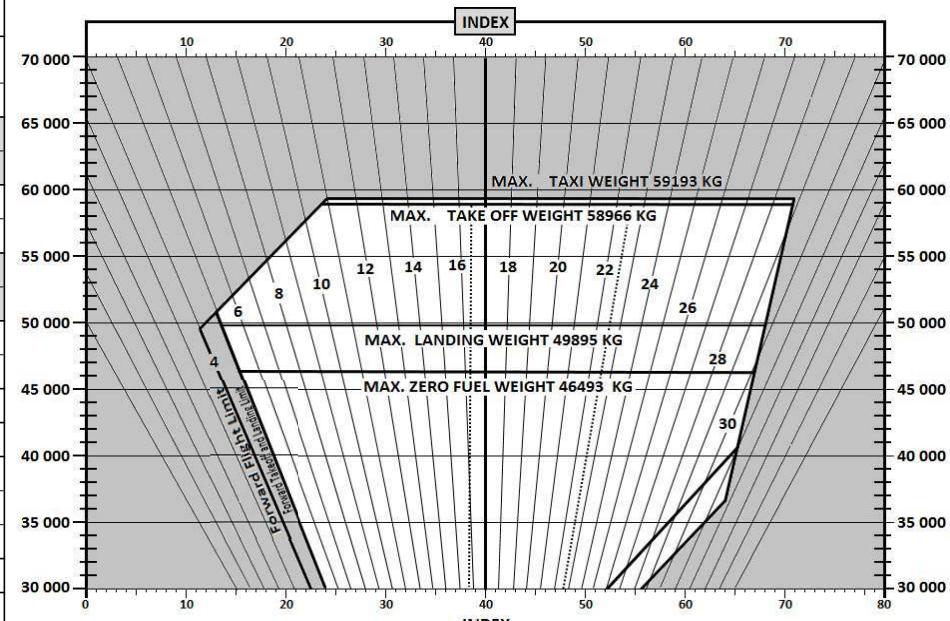
LI ZFW

Landing Fuel index -

LI LDW =

AIRCRAFT WEIGHT (KILOGRAMS)

NOTE : Ideal Trim Line CG position for Fuel Saving purposes , where possible should be maintained within 16-22% MAC(normal CG17% MAC)



STAB TRIM FOR TAKE -OFF

CG%MAC	5	6	8	10	12	14	16	18	20	22	24	26	28	30
FLAPS 5°&15°	6½	6¼	6	5¾	5¼	5	4¾	4½	4	3¾	3½	3¼	2¾	2½

Boeing737/500
WEIGHT AND BALANCE SHEET
PAX Version 126Y



VARESH AIRLINES
 هواپیمایی وارش

FLIGHT NO.

AIRCRAFT .

DATE:

GROSS WEIGHT LIMITATIONS

MAX.TAXI WEIGHT	60781 KG
MAX.TAKEOFF WEIGHT	60554 KG
MAX.LANDING WEIGHT	49895 KG
MAX.ZERO FUEL WEIGHT	46720 KG

Total Fuel Table (AllTanks)

Total Fuel INDEX TABLE			
FUEL WEIGHT kg	Index	FUEL WEIGHT kg	Index
1000	-1	10000	-1
2000	-2	10500	-2
3000	-3	11000	-2
4000	-3	11500	-3
5000	-4	12000	-4
6000	-4	12500	-5
7000	-4	13000	-5
8000	-2	13500	-6
9000	0	14000	-7
9110	1	14500	-8
		15000	-8
		15500	-9
		16140**	-11

Note:

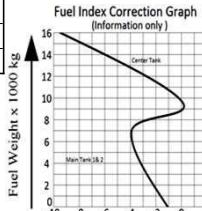
1)Tanks No1 & No2 - Full (9110kg)

2)Tanks No1 . No2 & Central - Full (16140 kg)

ZFW CG (%MAC)
 TOW CG (%MAC)
 LDW CG (%MAC)

Cargo Compartments Index Correction

Load in Compartment /kg	Index Correction			
	FWD Cargo Compartment COMP 1	FWD Cargo Compartment COMP 2	AFT Cargo Compartment COMP 3	AFT Cargo Compartment COMP 4
100	-1	-1	0	1
200	-2	-1	1	2
300	-3	-2	1	3
400	-3	-2	2	4
500	-4	-3	2	5
600	-5	-4	3	6
700-703	-6	-4	3	7
800-869	Weight	-5	4	7
900		4	8	
1000		5	9	
1100		5	10	
1162-1200	Index	6	Weight	Index
1300		6		
1400		7		
1500		7		
1600-1756		8		



Maximum Allowable Weight of Cargo :

FWD Cargo Compartment (cpt1) 703 kg

FWD Cargo Compartment (cpt2) 869 kg

TOTAL FWD CPT 1572 KG

AFT Cargo Compartment (cpt3) 1756 kg

AFT Cargo Compartment (cpt4) 1162 kg

TOTAL AFT CPT 2918 KG

Passengers Cabin Index Correction

No of PAX	Index Correction			
	PAX Sec. OA 30	PAX Sec. OB 30	PAX Sec. OC 36	PAX Sec. OD 30
1_2	-1	0	0	1
3_4	-2	-1	1	2
5_6	-4	-1	1	4
7_8	-5	-2	2	5
9_10	-6	-2	2	7
11_12	-8	-3	3	8
13_14	-9	-3	3	9
15_16	-10	-4	4	11
17_18	-12	-4	4	12
19_20	-13	-5	5	13
21_22	-14	-5	5	15
23_24	-16	-6	6	16
25_26	-17	-6	6	17
27_28	-18	-7	7	19
29_30	-20	-7	7	20
31_32	PAX : Index	PAX : Index	PAX : Index	PAX : Index
33_34				
35_36				

NOTE: Total : 136 Passengers

MAX CAPACITY PAX.SEC. OA - 30 pax

MAX CAPACITY PAX.SEC. OB - 30 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

MAX CAPACITY PAX.SEC. OC - 30 pax

ZERO FUEL WEIGHT
 TAKE - OFF WEIGHT
 LANDING WEIGHT

Prepared by:

Approved by:

Use only the first two digits

Balance INDEX

Calculation Table

DOI - +

FWD CARGO CPT .1

CPT .2

AFT CARGO CPT .3

CPT .4

Pax Section OA

Pax Section OB

Pax Section OC

Pax Section OD

Sup Total =

LI ZFW =

FUEL index -

LI TOW =

LAST MINUTE CHANGE (+/-)

Corrected LITOW

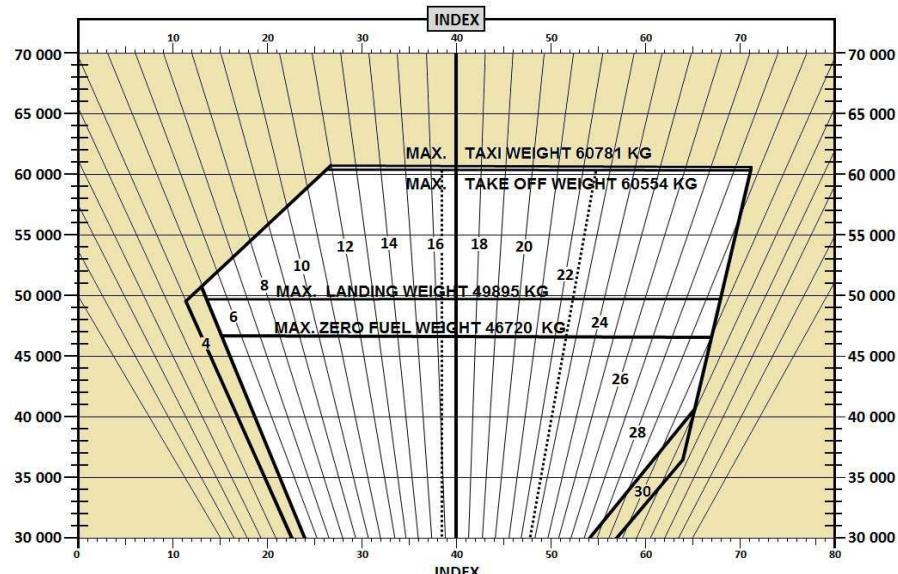
LI ZFW

Landing Fuel index -

LI LDW =

AIRCRAFT WEIGHT (KILOGRAMS)

NOTE : Ideal Trim Line CG position for Fuel Saving purposes , where possible should be maintained within 16-20% MAC(normal CG 17% MAC)



STAB TRIM FOR TAKE -OFF

CG%MAC	5	6	8	10	12	14	16	18	20	22	24	26	28	30
FLAPS 5°&15°	6½	6¼	6	5¾	5¼	5	4¾	4½	4	3¾	3½	3¼	2¾	2½

Boeing737/500
WEIGHT AND BALANCE SHEET
PAX Version 126Y

EP-RBC



VARESH AIRLINES
هواپیمایی وارش

FLIGHT NO.
AIRCRAFT .
DATE:

GROSS WEIGHT LIMITATIONS

MAX.TAXI WEIGHT	60781 KG
MAX.TAKEOFF WEIGHT	60554 KG
MAX.LANDING WEIGHT	49895 KG
MAX.ZERO FUEL WEIGHT	46493 KG

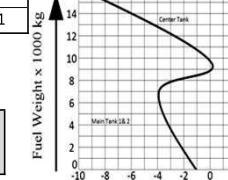
Total Fuel Table (AllTanks)

Total Fuel INDEX TABLE			
FUEL WEIGHT kg	Index	FUEL WEIGHT kg	Index
1000	-1	10000	-1
2000	-2	10500	-2
3000	-3	11000	-2
4000	-3	11500	-3
5000	-4	12000	-4
6000	-4	12500	-5
7000	-4	13000	-5
8000	-2	13500	-6
9000	0	14000	-7
9110	1	14500	-8
		15000	-8
		15500	-9
		16140**	-11

Note:

1)Tanks No1 & No2 - Full (9110kg)

2)Tanks No1 , No2 & Central - Full (16140 kg)



Maximum Allowable Weight of Cargo :

FWD Cargo Compartment (cpt1) 703 kg

FWD Cargo Compartment (cpt2) 869 kg

TOTAL FWD CPT 1572 KG

AFT Cargo Compartment (cpt3) 1756 kg

AFT Cargo Compartment (cpt4) 1162 kg

TOTAL AFT CPT 2918 KG

Passengers Cabin Index Correction

No of PAX	Index Correction			
	PAX Sec. OA 30	PAX Sec. OB 30	PAX Sec. OC 36	PAX Sec. OD 30
1_2	-1	0	0	1
3_4	-2	-1	1	2
5_6	-4	-1	1	4
7_8	-5	-2	2	5
9_10	-6	-2	2	7
11_12	-8	-3	3	8
13_14	-9	-3	3	9
15_16	-10	-4	4	11
17_18	-12	-4	4	12
19_20	-13	-5	5	13
21_22	-14	-5	5	15
23_24	-16	-6	6	16
25_26	-17	-6	6	17
27_28	-18	-7	7	19
29_30	-20	-7	7	20
31_32	PAX : 7	PAX : 8	PAX : 8	PAX : Index
33_34	Index	Index	Index	Index
35_36	PAX : Index	PAX : Index	PAX : Index	PAX : Index

NOTE: Total : 136 Passengers

MAX CAPACITY PAX.SEC. OA - 30 pax

MAX CAPACITY PAX.SEC. OB - 30 pax

MAX CAPACITY PAX.SEC. OC - 36 pax

MAX CAPACITY PAX.SEC. OC - 30 pax

ZFW CG (%MAC)
 TOW CG (%MAC)
 LDW CG (%MAC)

ZERO FUEL WEIGHT
 TAKE - OFF WEIGHT
 LANDING WEIGHT

Prepared by: Approved by:

Use only the first two digits

Balance

INDEX

CalculationTable

-

+

DOI

FWD CARGO CPT

Cpt .1

Cpt .2

AFT CARGO CPT

Cpt .3

Cpt .4

Pax Section OA

Pax Section OB

Pax Section OC

Pax Section OD

Sup Total =

LI ZFW =

FUEL index -

LI TOW =

LAST MINUTE CHANGE (+/-)

Corrected LITOW

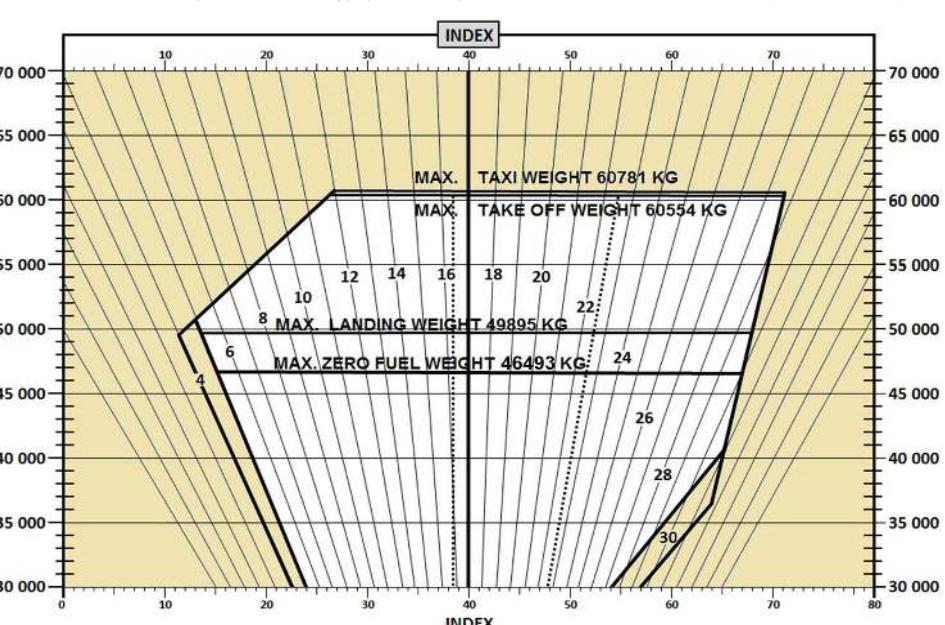
LI ZFW

Landing Fuel index -

LI LDW =

AIRCRAFT WEIGHT (KILOGRAMS)

NOTE : Ideal Trim Line CG position for Fuel Saving purposes , where possible should be maintained within 16-20% MAC(normal CG17% MAC)



STAB TRIM FOR TAKE -OFF

CG%MAC	5	6	8	10	12	14	16	18	20	22	24	26	28	30
FLAPS 5°&15°	6½	6¼	6	5¾	5¼	5	4¾	4½	4	3¾	3½	3¼	2¾	2½



VARESH AIRLINES
ລາວຍິ່ງ ດູວລະມະກຳ

LOADING INSTRUCTIONS / REPORT

VARESH AIRLINES
B737/300



PREPARED BY :

DATE .

FLIGHT . NO :

ORIGIN .

A/C REG .

DEST .

PREPARED BY :

AFT COMPARTMENT

COMPARTMENT NO.4		COMPARTMENT NO.3	COMPARTMENT NO.2	COMPARTMENT NO.1
max 1132 kg		max 2337 kg	max 1118 kg	max 1085 kg
		max 3469 kg		max 2203 kg

Departure

FWD▲

SPECIAL INSTRUCTIONS Loading instructions

Loading report

FWD▲

SPECIAL INSTRUCTIONS Loading instructions

Arrival

FWD▲

SPECIAL INSTRUCTIONS Loading instructions

INFORMATION CODES	
B - BAGGAGE	D - CREW BAGGAGE
C-CARGO	E - EQUIPMENT
M-MAIL	F - F/C BAGGAGE
S-SORT	J - PRIORITY BAGS
	N - NO LOAD AT POSITION
	P - PALLET
	T - TRANSFER
	U - U/S CONTAINER
	3 - ¾ VOLUME AVAILABLE

THIS AIRCRAFT HAS BEEN LOADED IN ACCORDANCE WITH INSTRUCTIONS INCLUDING THE DEVIATIONS SHOWN ON THE REPORT
ALL CONTAINERS/PALLETS AND BULK LOAD HAVE BEEN SECURED IN ACCORDANCE WITH COMPANY REGULATIONS

PERSON RESPONSIBLE FOR LOADING

Form No.: VRH-OPS-76 Issue 04 - Rev. 00 - Date 29 Jan 2022



VARESH AIRLINES
વારેશ એરલિન્સ

VARESH AIRLINES
B737/500

LOADING INSTRUCTIONS / REPORT

LOAD	ADDRESS .	ORIGIN .	FLIGHT . NO :	A/C REG .	DEST .	DATE .	PREPARED BY :
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AFT COMPARTMENT		FWD COMPARTMENT	
COMPARTMENT NO .4	COMPARTMENT NO .3	COMPARTMENT NO .2	COMPARTMENT NO .1
max1162 kg	max 1756 kg	max 869 kg	max 703 kg
max 2918 kg		max 1572 kg	
Departure		Loading instructions	
Arrival		Loading report	
SPECIAL INSTRUCTIONS		SPECIAL INSTRUCTIONS	
SPECIAL INSTRUCTIONS		SPECIAL INSTRUCTIONS	

FWD►

FWD►

FWD►

FWD►

THIS AIRCRAFT HAS BEEN LOADED IN ACCORDANCE WITH INSTRUCTIONS, INCLUDING THE DEVIATIONS SHOWN ON THE REPORT ALL CONTAINERS/PALLETS AND BULK LOAD HAVE BEEN SECURED IN ACCORDANCE WITH COMPANY REGULATIONS

PERSON RESPONSIBLE FOR LOADING

Form No.: VRH-OPS-377Issue 04 - Rev. 00 - Date 29-Jan-2022

INFORMATION CODES	
B - BAGGAGE	D - CREW BAGGAGE
C-CARGO	E - EQUIPMENT
M-MAIL	P - PALLET
S-SORT	F - F/C BAGGAGE
	J - PRIORITY BAGS
	U - U/S CONTAINER
	0 - FULL X - EMPTY
	1 - ¼ VOLUME AVAILABLE
	2 - ½ VOLUME AVAILABLE
	3 - ¾ VOLUME AVAILABLE

Weight and Balance Data



The Aircraft W&B data was produced by the Weight and Balance Management System Vahres Airlines

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MOB:+989129155921

This Data begins with the basic principle of aircraft weight and balance control, emphasizing its importance and including examples of documentation furnished by the aircraft manufacturer and by the Varesh airlines to ensure the aircraft weight and balance records contain the proper data. Procedures for the preparation and the actual weighing of an aircraft are described, as are the methods of determining the location of the empty weight center of gravity (EWCG) relative to both the datum and the mean aerodynamic chord (MAC).

Loading computations for aircraft type MD/82-3 and B737/400-500 are discussed using both loading graphs and tables of weight and moment indexes. Information is included that allows an Weight & Balance Management System to determine the weight and center of gravity (CG) changes caused by repairs and alterations or removal and installation of equipment. This includes instructions for conducting adverse-loaded CG checks, also explaining the way to determine the amount and location of the CG within allowable limits.

