

LOGO

B737-400 AEI

LOAD PLANNER AND CARGO INDEX

TABLE

REG: XX-XXX

LOADPLANNER

POS 1 (A) MAX 1814 KG	POS 2 (B) MAX 2948 KG	POS 3 (C) MAX 2948 KG	POS 4 (D) MAX 2948 KG	POS 5 (E) MAX 3628 KG	POS 6 (F) MAX 3628 KG	POS 7 (G) MAX 2948 KG	POS 8 (H) MAX 2948 KG	POS 9 (J) MAX 2948 KG	POS 10 (K) MAX 1700 KG	POS 11 (L) MAX 1133 KG

Max Combined Load Upper Deck 20865 KG

HOLD 1 (MAX 1245 KG)	HOLD 2 (MAX 2059 KG)

Max Combined Load 3304 KG

HOLD 3 (3062 KG)	HOLD 4 (MAX 1125 KG)

Max combined Load 4187 KG

COMULATIVE LIMIT CHECK

1814 KG (POS1)									2948 KG (POS 10+11)	
4862 KG (POS 1+2)									4762 KG (POS 9+10+11)	
7711 KG (POS 1+2+3)									7711 KG (POS 8+9+10+11)	
10659 (POS 1+2+3+4)									10659 KG (POS 7+8+9+10+11)	
20 865 KG MAX COMBINED (POS 1 TO 11)										

MAXIMUM COMBINED LOAD UPPER AND LOWER DECK 20865 KG*

*NOTE 9G Barrier limitation with pax . Adjust for each pax (2) in FWD facing seats attached to 9G barrier, one pax redces the MAX combined to 20776 kg and two pax to 20668 kg.

Cargo Deck Index table UPPER DECK

POS 1		POS 2		POS 3		POS 4		POS 5		POS 6		POS 7		POS 8		POS 9		POS 10		POS 11	
Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX
250	-3.4	500	-5.3	500	-3.8	500	-2.3	500	-0.9	500	0.6	500	2.1	500	3.7	500	5.1	500	6.6	500	7.8
500	-6.8	1000	-10.6	1000	-7.7	1000	-4.7	1000	-1.7	1000	1.2	1000	4.2	1000	7.4	1000	10.1	750	9.8	750	11.7
750	-10.2	1250	-13.3	1250	-9.6	1250	-5.9	1250	-2.1	1250	1.6	1250	5.3	1250	9.2	1250	12.7	1000	13.1	1000	15.6
1000	-13.6	1500	-15.9	1500	-11.5	1500	-7.0	1500	-2.6	1500	1.9	1500	6.3	1500	11.1	1500	15.2	1250	16.4	1133	17.7
1250	-17	1750	-18.6	1750	-13.4	1750	-8.2	1750	-3.0	1750	2.2	1750	7.4	1750	12.9	1750	17.8	1500	19.7		
1500	-20.4	2000	-21.2	2000	-15.3	2000	-9.4	2000	-3.4	2000	2.5	2000	8.4	2000	14.8	2000	20.3	1700	22.3		
1814	-24.6	2000	-21.2	2000	-15.3	2000	-9.4	2000	-3.4	2000	2.5	2000	8.4	2000	14.8	2000	20.3				
		2250	-23.9	2250	-17.2	2250	-10.5	2250	-3.9	2250	2.8	2250	9.5	2250	16.6	2250	22.8				
		2500	-26.5	2500	-19.1	2500	-11.7	2500	-4.3	2500	3.1	2500	10.5	2500	18.5	2500	25.4				
		2948	-31.3	2948	-22.6	2948	-13.8	3000	-5.2	3000	3.7	2948	12.4	2948	21.8	2948	29.9				
								3250	-5.6	3250	4.1										
								3500	-6.0	3500	4.4										
								3628	-6.2	3628	4.5										

LOWER HOLDS Index Table

HOLD 1(FWD)		HOLD 2(FWD)		HOLD 3(AFT)		HOLD 4(AFT)	
Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX	Weight(Kg)	INDEX
250	-3.2	500	-3.8	500	3.1	250	3.1
500	-6.3	750	-5.7	750	4.7	500	6.2
750	-9.5	1250	-9.5	1250	7.8	750	9.2
1245	-15.7	1750	-13.2	1750	10.9	1125	13.9
		2059	-15.6	2250	14		
				2750	17.1		
				3062	19.1		

TOTAL CARGO INDEX

		+	-
POS 1			
POS 2			
POS 3			
POS 4			
POS 5			
POS 6			
POS 7			
POS 8			
POS 9			
POS 10			
POS 11			
HOLD 1			
HOLD 2			
HOLD 3			
HOLD 4			
TOTAL			
		=	

Transfer Total Cargo Index to Balance Sheet

NOTES

- MAIN DECK CARGO DOOR 2.18 x 3.56M, CLEAR DOOR OPENING 2.16 X 3.48M
- POS 1 TO 10 88 X 125 IN (2.24 X 3.18M) CONTAINERS TYPE AAA,AAC,AA,AA4,AAK AND PALLETS TYES P1P,PAG,PAP,PAJ,P1G,PAH.
- POS 1 TO 10 OPTION 88 X 108 (2.24 X 2.75M) CONTAINER ABB OR PALLET
- POS 5 TO 9 OPTION 61.5 X 88 IN DEMI CONTAINER TYPE AYY
- POS 11 STANDARD 53 X 88 IN (1.35 X 2.24) TYPE ULD AEP OR AEH , PALLET TYPE PEA, PEB
POS 11 OPTION 61.5 X 88 IN DEMI CONTAINER AYY OR LD3 AKE AKN

Index Table and Loadplanner created by Flyware

email: support@flyware.net www.flyware.net

Filename: LP02 DEMO Cargo 74AEI / DD/MM/YYYY Revision 0

LOGO

Flight Number

Reg: XX-XXX
Crew: __ / __

From:

To:

Date:

Type:
B737-400 AEI

CDB:
FO: _____

Item	Weight	Index		A Zero Fuel	B Take-Off	C Landing
Dry Operating Weight(DOW) and Index				Max strutral weights for		
Dry Operating Weight(KG) and Index Correction:				Corrected max weight for		
				Take-Off Fuel +		
					Trip Fuel +	
CORRECTED DOW AND INDEX				Allowed for Take-Off (Lowest of A,B,C)		
				Operating Weight -		
				Allowed Traffic Load =		

TOTAL CARGO(KG) / INDEX	=				
EXTRA CREW(KG) and INDEX	=				
PAYLOAD FUEL(KG) AND INDEX	=				
NOTE: DETAILS ON LOAD PLAN	LMC	±			
		=			
TOTAL TRAFFICE LOAD / INDEX	=				
Dry Operating Weight and Index					
	+				
ZERO FUEL WEIGHT / INDEX	=				
	LMC	±			
		=			
MAX 53070 KG					
Take-off fuel and index	+				
Ramp: fuel					
TAKE-OFF WEIGHT(KG) / INDEX					
	LMC	±			
		=			
MAX 68038 KG					
Trip Fuel	-				
EST. LANDING WEIGHT(KG) /INDEX					
	LMC	±			
		=			
MAX 56245 KG					

LAST MINUTE CHANGE			Weight (KG)			Index
Item	Location	±				
		=				
NOTE> MAXIMUM LMC IS 500 KG or 5% OF MAC						

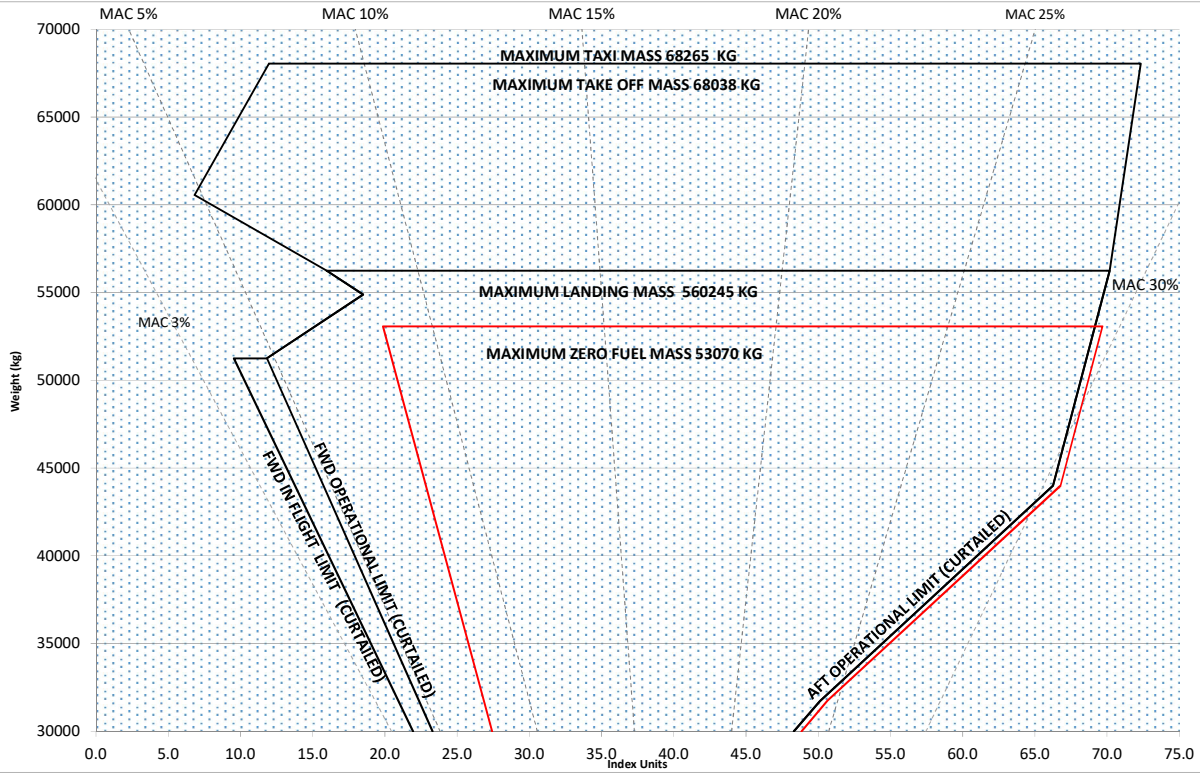
Fuel Loading Index Table (Density 0.8 kg/Ltr)					
Liters	Weight (kg)	Index Units	Liters	Weight (kg)	Index Units
400	320	-0.5	12148	9718.4	-0.4
1200	960	-1.2	12548	10038	-0.9
2000	1600	-1.8	13348	10678	-1.8
2800	2240	-2.3	13748	10998	-2.3
3600	2880	-2.7	14548	11638	-3.3
4400	3520	-3.0	14948	11958	-3.8
5200	4160	-3.3	15748	12598	-4.8
6000	4800	-3.5	16148	12918	-5.3
6800	5440	-3.7	16948	13558	-6.3
7600	6080	-3.8	17348	13878	-6.8
8400	6720	-3.8	18148	14518	-7.7
9200	7360	-3.1	18548	14838	-8.2
10000	8000	-2.1	19348	15478	-9.1
10800	8640	-0.6	19748	15798	-10.0
(1) 11348	9078.4	0.7	(2) 20103	16082	-10.3
(1) Wing Tanks 1-2 Full					
(2) All Tanks Full (Wing tanks 1-2 and Center Tank)					

DRY OPERATING INDEX FORMULA

$$\frac{WT * (ARM - 648.5)}{30000} + 40$$

Crew Loading Index Table					
Extra Crew Member(s)	Weight (kg)	Index Units	Crew Comoposition	Weight (kg)	Index Units
Flight Crew	85.0	-1.6	Pilots(2pos)	170.0	-2.8
Observer #1	85.0	-1.5	Obs (1pos)	85.0	-3.0
Observer #2	85.0	-1.5	Obs (1pos)	85.0	-3.0
Subnumaries near door	85.0	-1.4	Sub (2pos)	170.0	-2.8
Subnumaries seats (9G barrier)	85.0	-1.3	Sub 9G (2pos)	170.0	-2.6

UNDER LOAD BEFORE LMC ALLOWED TRAFFIC LOAD				
(-)ACTUAL TRAFFIC LOAD				
=				



MAC (Flaps 1-5)							
Weights	5	7.9	10	15	20	25	30
45359 KG(-)	5.2		4.5	3.8	3.2	2.4	1.7
45359 KG(+)	5.7		5.0	4.3	3.6	2.9	2.2
61234 KG(+)		5.8	5.5	4.8	4.2	3.0	2.7
MAC (Flaps 15)							
Weights	5	10	15	20	25	30	
45359 KG(-)	5.4	4.6	3.8	3.0	2.2	1.3	
45359 KG(+)	5.9	5.1	4.3	3.4	2.6	1.8	
61234 KG(+)	5.6	4.8	4.0	3.2	2.4	1.6	

DANGEROUS GOODS

(DRG) Dangerous Goods Carried YES ☐ NO ☐

Cargo Aircraft Only DRG YES ☐ NO ☐

(PER) Perishable Goods Carried YES ☐ NO ☐

(AVI) Live Animals Carried YES ☐ NO ☐

Mark positions Loaded with Dangerous Goods with Cross Over (X)

HOLD 1

HOLD 2

HOLD 3

HOLD 4

Total Persons On Board	MAC % -Take off	Prepared by
Notes	Stab Trim Setting	PIC Signature