



# LOAD & TRIM SHEET

5.Dec.2017

B777 Freighter

Flight No	A/C Reg TC-	From	To	Date	Crew	ALL WEIGHTS IN KILOS
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**INDEX FORMULA** =  $W \times (B.arm - 1258) + 50$

250000						Index
Weight			-			+
Dry Operating Weight	=					
Corrected DOW	=					
ZONE A (max.10262kg)	+					
ZONE B (max.14479kg)	+					
ZONE C (max.10806kg)	+					
ZONE D (max.10806kg)	+					
ZONE E (max.10262kg)	+					
ZONE F (max.14850kg)	+					
ZONE G (max.14850kg)	+					
ZONE H (max.14850kg)	+					
ZONE J (max.10806kg)	+					
ZONE K (max.10262kg)	+					
ZONE L (max.12126kg)	+					
ZONE M (max.10806kg)	+					
ZONE P (max.11007kg)	+					
ZONE R (max.3527kg)	+					
ZERO FUEL WEIGHT	=					
max.248115KG	LMC [+/-]					
Take-Off Fuel =						
max.347814KG	LMC [+/-]					
Trip Fuel =						
LANDING WEIGHT	=					
max.260815KG	LMC [+/-]					

MAX.WEIGHT FOR TAKE-OFF FUEL	ZERO FUEL	TAKE-OFF (RTOW)	LANDING
+		TRIP FUEL	+
ALLOWED WEIGHT FOR TAKE-OFF (Lowest of 1,2,3)	=		
OPERATING WEIGHT (DOW+Takeoff fuel)	(-)		
ALLOWED LOAD	=		
TOTAL LOAD	(-)		
UNDERLOAD BEFORE LMC	=		

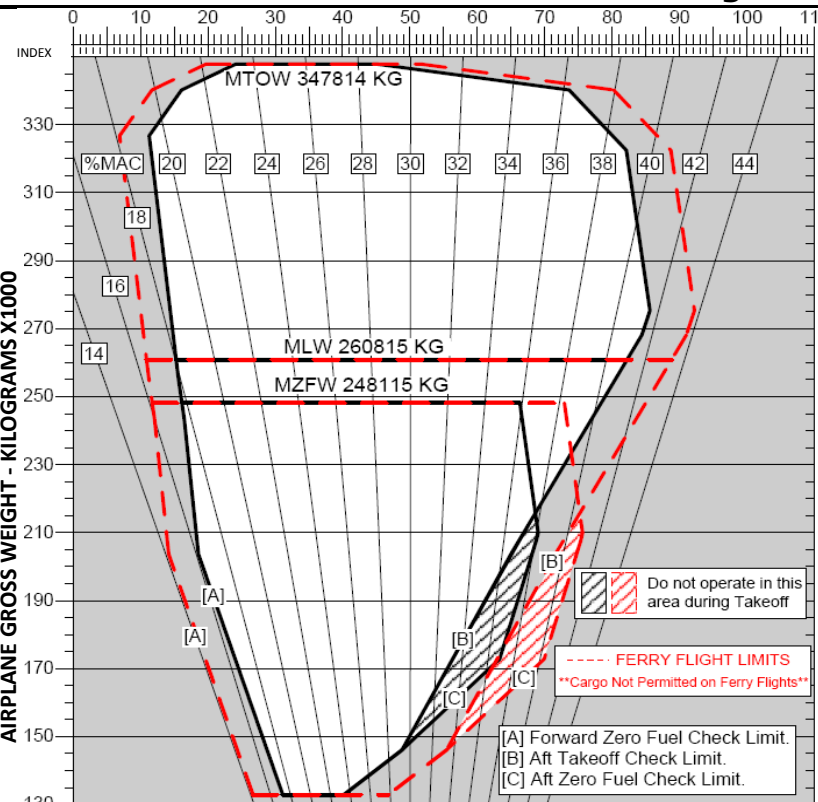
**LAST MINUTE CHANGES**

SPECIFICATION	CPT	Wt.	WEIGHT	+/-	INDEX

**LMC TOTAL**  
A/C new Weight and CG after LMC should be checked. Combined load limitations should be checked.

**SI and NOTES:**

ZFW	%MAC ZFW
TOW	%MAC TOW



A	B	C	D	E	F	G	H	J	K	L	M	P	R
DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD	DEADLOAD
I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.	I.U.
1 156 0	1 186 0	1 228 0	1 297 0	1 425 0	1 744 0	1 2976 0	1 1488 0	1 595 0	1 372 0	1 271 0	1 208 0	1 172 0	1 149 0
157 469 -1	187 558 -1	229 686 -1	298 892 -1	426 1275 -1	745 2232 -1	2977 8928 -1	1489 4464 1	596 1785 1	373 1116 1	272 813 2	209 625 1	173 516 1	150 448 1
470 783 -2	559 930 -2	687 1144 -2	893 1488 -2	1276 2125 -2	2233 3720 -2	8929 14850 -2	4465 7440 2	1786 2976 2	1117 1860 2	814 1355 2	626 1041 2	517 860 2	449 746 2
784 1096 -3	931 1302 -3	1145 1602 -3	1489 2083 -3	2126 2976 -3	3721 5208 -3		7441 10416 3	2977 4166 3	1861 2604 3	1356 1898 3	1042 1458 3	861 1205 3	747 1045 3
1097 1409 -4	1675 2046 -4	1603 2060 -4	2084 2678 -4	3274 4676 -4	5209 6696 -4		10417 13392 4	4167 5357 4	2605 3348 4	1899 2440 4	1459 1875 4	1206 1549 4	1046 1344 4
1410 1723 -5	2047 2418 -5	2061 2518 -5	2679 3273 -5	3827 4676 -5	5209 6696 -5			5358 6547 5	2441 2982 5	2441 2982 5	1876 2291 5	1550 1893 5	1345 1642 5
1724 2036 -6	2419 2790 -6	2519 2976 -6	3274 3869 -6	4677 5527 -6	6697 8184 -5			7739 10119 7	3349 4092 5	2983 3524 6	2292 2708 6	1894 2238 6	1643 1941 6
2037 2349 -7	2791 3162 -7	2977 3434 -7	3870 4464 -7	4677 5527 -6	6173 7227 -8				4093 4836 6	3525 4067 7	2709 3125 7	2239 2582 7	1942 2240 7
2350 2662 -8	3163 3534 -9	3435 3892 -8	4465 5059 -8	5528 6377 -7	6697 8184 -5				4837 5580 7	4068 4609 8	3126 3541 8	2583 2926 8	2241 2538 8
2663 2976 -9	3535 3906 -10	3892 4349 -9	5060 5654 -9	6378 7227 -8	8185 9672 -6				5581 6324 8	4610 5151 9	3542 3958 9	2927 3271 9	2539 2837 9
2977 3289 -10	4279 4650 -12	4350 4807 -10	5655 6250 -10	7228 8078 -9	9173 11160 -7				6325 7068 9	5152 5694 10	3959 4375 10	3272 3615 10	2838 3136 10
3290 3602 -11	4651 5022 -13	4808 5265 -11	6151 6845 -11	8079 8928 -10	11261 12648 -8				7069 7812 10	6237 6778 11	4792 5208 11	3961 4304 11	3137 3434 11
3603 3916 -12	5023 5394 -14	5266 5723 -12	6846 7440 -12	8929 9778 -11	12649 14136 -9				7813 8556 11	6695 6695 12	5209 5625 13	4305 4648 13	3435 3527 12
3917 4229 -13	5395 5766 -15	5724 6181 -13	7441 8035 -13	9779 10262 -12					8837 9580 12	7322 7863 14	5626 6041 14	4649 4993 14	
4230 4542 -14	5767 6138 -16	6139 6510 -17	7998 8510 -17						10120 10806 9	7644 8045 15	6042 6458 15	5338 5681 15	
4543 4855 -15	6139 6510 -17	6511 6882 -18	8036 8630 -14							8406 8947 16	6459 6875 16	5682 6026 16	
4856 5169 -16	6511 6882 -18	6883 7254 -19	8631 9226 -15							8948 9490 17	6876 7291 17	6027 6370 18	
5170 5482 -17	6883 7254 -19	7255 7626 -20	9227 9821 -16							9491 10032 18	7292 7708 18	6371 6714 19	
5483 5795 -18	7255 7626 -20	7627 7998 -21	9822 10416 -17							10033 10574 19	7709 8125 19	6715 7059 20	
5796 6109 -19	7627 7998 -21	7999 8370 -22								10575 11117 20	8126 8541 20	7060 7403 21	
6110 6422 -20	7999 8370 -22	8371 8742 -23								11118 11659 21	8542 8958 21	7404 7747 22	
6423 6735 -21	8371 8742 -23	8743 9114 -24								11660 12126 22	8959 9375 22	7748 8092 23	
6736 7048 -22	8743 9114 -24	9115 9486 -25									9376 9791 23	8093 8436 24	
7049 7362 -23	9115 9486 -25	9487 9858 -26									9792 10208 24	8437 8780 25	
7363 7675 -24	9487 9858 -26	9859 10230 -27									10209 10625 25	8781 9125 26	
7676 7988 -25	9859 10230 -27	10231 10602 -28									10626 10806 26	9126 9469 27	
7989 8302 -26	10231 10602 -28	10603 10974 -29										9470 9814 28	
8303 8615 -27	10603 10974 -29	10975 11346 -30										9815 10158 29	
8616 8928 -28	10975 11346 -30	11347 11718 -31										10159 10502 30	
8929 9241 -29	11347 11718 -31	11719 12090 -32										10503 10847 31	
9242 9555 -30	11719 12090 -32	12091 12462 -33										10848 11007 32	
9556 9868 -31	12091 12462 -33	12463 12834 -34											
9869 10181 -32	12463 12834 -34	12835 13206 -35											
10182 10262 -33	12835 13206 -35	13207 13578 -36											
	13207 13578 -36	13579 13950 -37											
	13579 13950 -37	13951 14322 -38											
	14323 14479 -39												

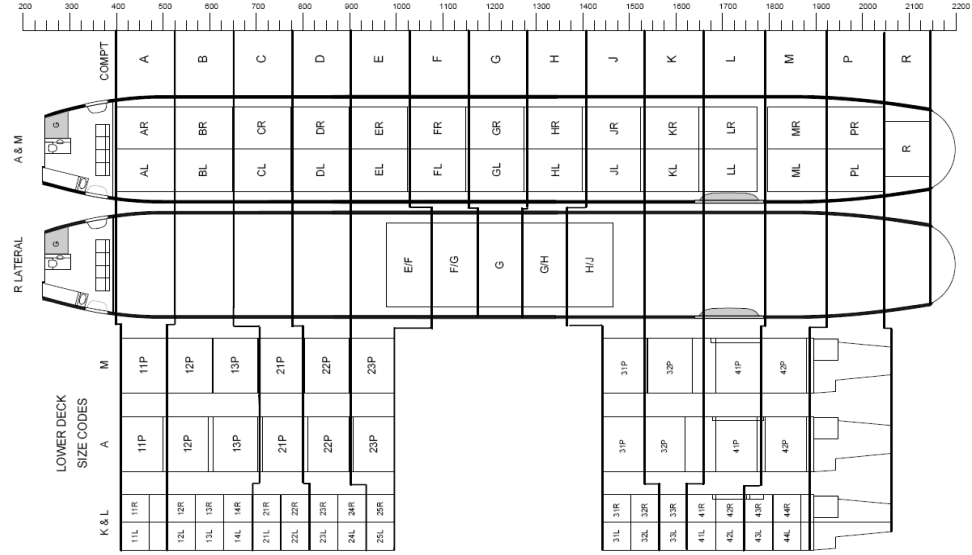
**Prepared by** \_\_\_\_\_ **Approved by** \_\_\_\_\_

**FUEL / INDEX TABLE (1)**

WEIGHT KG	DENSITY KG/L							
	0.76	0.77	0.78	0.79	0.8	0.81	0.82	0.83
2000	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0
6000	0	0	0	0	0	0	0	0
8000	0	0	0	0	0	0	0	0
10000	0	0	0	0	0	0	0	0
12000	0	0	0	0	0	0	0	0
14000	0	0	0	0	0	0	0	0
16000	0	0	0	0	0	0	0	0
18000	0	0	0	0	0	0	0	0
20000	0	0	0	0	0	0	0	0
22000	0	0	0	0	0	0	0	0
24000	0	0	0	0	0	0	0	0
26000	0	0	0	0	0	0	0	0
28000	0	0	0	0	0	0	0	0
30000	0	0	0	0	0	0	0	0
32000	1	1	1	1	1	0	0	0
34000	1	1	1	1	1	1	1	1
36000	1	1	1	1	1	1	1	1
38000	2	2	2	2	2	1	1	1
40000	3	2	2	2	2	2	2	2
42000	3	3	3	3	3	3	2	2
44000	4	4	4	4	3	3	3	3
46000	5	5	5	4	4	4	4	4
48000	6	6	6	5	5	5	5	4
50000	7	7	7	6	6	6	6	5
52000	9	8	8	8	7	7	7	6
54000	10	10	9	9	9	8	8	8
56000	12	11	11	10	10	10	9	9
58000	14	13	13	12	12	11	11	10
60000	15	15	15	14	13	13	12	12
62000	14	14	15	15	15	15	14	14
64000	13	14	14	15	15	16	16	16
66000	12	13	13	14	14	15	15	16
68000	11	12	12	13	13	14	15	15
70000	10	11	11	12	13	13	14	14
72000	9	10	10	11	12	12	13	13
74000	8	9	10	10	11	11	12	12
76000	8	8	9	9	10	10	11	11
78000	7	7	8	8	9	9	10	10
80000	6	6	7	7	8	8	9	10
82000	5	5	6	6	7	8	8	9
84000	4	5	5	6	6	7	7	8
86000	3	4	4	5	5	6	6	7
88000	2	3	3	4	4	5	5	6
90000	1	2	2	3	4	4	5	5

**FUEL / INDEX TABLE (2)**

WEIGHT KG	DENSITY KG/L							
	0.76	0.77	0.78	0.79	0.8	0.81	0.82	0.83
92000	1	1	2	2	3	3	4	4
94000	0	0	1	1	2	2	3	3
96000	-1	-1	0	0	1	1	2	3
98000	-2	-1	-1	0	0	1	1	2
100000	-3	-2	-2	-1	-1	0	0	1
102000	-4	-3	-3	-2	-2	-1	-1	0
104000	-5	-4	-4	-3	-2	-2	-1	-1
106000	-5	-5	-4	-4	-3	-3	-2	-2
108000	-6	-6	-5	-5	-4	-4	-3	-3
110000	-7	-7	-6	-6	-5	-5	-4	-3
112000	-8	-8	-7	-6	-6	-5	-5	-4
114000	-9	-8	-8	-7	-7	-6	-6	-5
116000	-10	-9	-9	-8	-8	-7	-7	-6
118000	-11	-10	-10	-9	-9	-8	-7	-7
120000	-11	-11	-10	-10	-9	-9	-8	-8
122000	-12	-12	-11	-11	-10	-10	-9	-9
124000	-13	-13	-12	-12	-11	-11	-10	-10
126000	-14	-14	-13	-13	-12	-11	-11	-10
128000	-15	-15	-14	-13	-13	-12	-12	-11
130000	-16	-16	-15	-14	-14	-13	-13	-12
132000	-17	-17	-16	-15	-15	-14	-14	-13
134000	-18	-18	-17	-16	-16	-15	-14	-14
136000	-19	-19	-18	-17	-17	-16	-15	-16
137774	-20	-19	-19	-18	-17	-17	-16	-16
138000		-20	-19	-18	-18	-17	-16	-16
138680		-20	-19	-19	-18	-17	-17	-16
139586		-20	-20	-19	-18	-18	-17	-16
140000			-20	-19	-19	-18	-17	-17
140493			-20	-20	-19	-18	-18	-17
141399			-21	-20	-19	-19	-18	-17
142000				-20	-20	-19	-18	-18
142306				-20	-20	-19	-18	-18
143212				-21	-20	-20	-19	-18
144000					-21	-20	-19	-19
144118					-21	-20	-19	-19
145025					-21	-21	-20	-19
145931						-21	-20	-20
146000						-21	-20	-20
146838						-21	-21	-20
147744							-21	-21
148000							-21	-21
148650							-22	-21
149557								-21
150000								-22
150463								-22



**FOR R LATERAL ONLY. FOR G OR R LONGITUDINAL, USE INDEX TABLES ON FORM B**

MAIN DECK											
R-LATERAL	E/F *		F/G		G		G/H		H/J *		
Main Deck											
Lower Holds	25								31		
	R								R		
Zone Totals	23P								31P		
	L								L		
DEADLOAD I.U. DEADLOAD I.U. DEADLOAD I.U. DEADLOAD I.U. DEADLOAD I.U.											
1 - 425		0	1 - 744		0	1 - 2976		0	1 - 595		0
426 - 1275		-1	745 - 2232		-1	2277 - 8928		-1	1489 - 4464		1
1276 - 2125		-2	2233 - 3720		-2	8929 - 11339		-2	4465 - 7440		2
2126 - 2976		-3	3721 - 5208		-3				7441 - 10416		3
2977 - 3826		-4	5209 - 6696		-4				10417 - 11339		4
3827 - 4676		-5	6697 - 8184		-5						5
4677 - 5527		-6	8185 - 9672		-6						6
5528 - 6377		-7	9673 - 11160		-7						7
6378 - 7227		-8	11161 - 11339		-8						8
7228 - 8078		-9									
8079 - 8711		-10									

\* When loading positions E/F or H/J, lower deck positions 23P, 31P, 25L/R and 31L/R must use basic lower deck limits.