

CESSNA 208B WEIGHT AND BALANCE SHEET

DATE	/ /	A/C REG			
FLIGHT NO		SECTOR	TO		

ACFT	OEW	ARM	INDEX
	WEIGHT (lbs)	ARM (ins)	INDEX lb.-in./1000

OPERATING EMPTY WEIGHT

USABLE FUEL (2224lbs) 204.8

ROW	1 (seats 1-3)	173.9
	2 (seats 4-6)	209.9
	3 (seats 7-9)	245.9
	4 (seats 10-12)	281.9

CARGO (pod location)

ZONE	A (230lbs)	132.4
	B (310lbs)	182.1
	C (270lbs)	233.4
	D (280lbs)	287.6

RAMP WEIGHT (8785lbs)

FUEL ALLWANCE START/TAXI 35 206.1 -1

TAKE OFF WEIGHT (8750lbs)

FUEL BURN OFF 205.1

LANDING WEIGHT (8500lbs)

ADJUSTMENT

ADJUSTED TAKEOFF WEIGHT

ADJUSTED LANDING WEIGHT

FUEL INDICES

WT	INDEX	WT	INDEX	WT	INDEX
50	1	800	21	1550	38
100	3	850	22	1600	39
150	4	900	23	1650	40
200	5	950	24	1700	41
250	7	1000	25	1750	42
300	8	1050	27	1800	44
350	9	1100	28	1850	45
400	10	1150	29	1900	46
450	12	1200	30	1950	47
500	13	1250	31	2000	48
550	14	1300	33	2050	49
600	16	1350	34	2100	50
650	17	1400	35	2150	51
700	18	1450	36	2200	52
750	19	1500	37	2224	53

		FEMALE			
MALE		0	1	2	3
0		0	150	300	450
1		190	340	490	
2		380	530		
3		570			

PAX WEIGHTS (lbs)	
MALE	190
FEMALE	150
CHILD	77

		1 CHILD			FEMALE			
MALE		0	1	2	MALE	0	1	2
0		77	227	377	0	77	227	377
1		267	417		1	267	417	
2		457			2	457		

2 CHILD		FEMALE	
MALE		0	1
0		154	304
1		344	
3 CHILD		450	

77	150	154	190	227	231	267	300	304	340	344	377	380	417	450	457	490	530	570
-3	-5	-6	-7	-8	-8	-10	-11	-11	-12	-12	-14	-14	-15	-16	-17	-18	-19	-21
3	5	6	7	8	8	10	11	11	12	12	13	14	15	16	16	18	19	20
8	16	17	20	24	25	29	32	33	37	37	41	41	45	49	49	53	57	61
14	27	28	34	41	42	48	54	55	61	62	68	68	75	81	82	88	95	102
15	30	45	60	75	90	105	120	135	150	165	180	195	210	230	250	270	280	310
-2	-4	-5	-7	-9	-11	-13	-14	-16	-18	-20	-21	-23	-25	-27				
0	-1	-1	-1	-1	-2	-2	-2	-3	-3	-3	-4	-4	-4	-5	-5	-5	-6	-6
1	2	4	5	6	7	9	10	11	12	14	15	16	17	19	21	22		
3	6	9	11	14	17	20	23	26	29	32	34	37	40	44	48	52	54	

Certified correct
Signature _____
Name _____
Notes _____

Formulas:
Index = (arm-192)*wtg/500
Acraft index = (arm - 192)*wtg/500 +500 (ie. Index +500)
% mac =(500/wgt(index-500)+14.43)/0.664
C of G = 500/wgt (index-500) +192

