Air Hit Tables			Air to Air (b)	Air Mod	Air vs. Base (e)						Air vs. Ship (d,e,f)						Air v Sub (e)	
					Level Bombing				Dive Bomb		Level Bombing				Dive Bomb		Level	
					High		Low		Low		High	Low			Low		Low	Possible
MF	EF	Plane			GP	AP	GP	AP	GP	AP	AP	GP	AP	T	GP	AP	GP	Armament
9	6	A-20 Havoc	4		6	3	9	4			2	3	6				1	GP, AP
7	8	Avenger	4c	-1	5	3	7	3			1	3	6	7			1	GP, AP, Torp
8	12	B-17 Fortress	9	-2	13	6					3							GP, AP
8	15	B-24 Liberator	9	-1	14	6					3							GP, AP
9	7	B-25 Mitchell	5		9	4	12	6			2	4	8					GP, AP
10	6	B-26 Marauder	5	-1	7	3	11	5			2	3	6	6				GP, AP, Torp
7	6	Buffalo	7															-
6	20	Catalina	5		7	3	10	4			1	3	8	10			2	GP, AP, Torp
9	6	Dauntless	4c	-1	4	1	6	2	7	3		1	6		3	8	1	GP, AP
6	5	Devastator	3		4	1	6	3				1	6	7			1	GP, AP, Torp
12	5	P-38 Lightening	8a	-1			6					1						GP
11	5	P-39 Airacobra	7a				6					1						GP
11	5	P-40 Warhawk	8a				5					1						GP
7	5	Vindicator	3		4	1	4	2	5	3		1	5		3	6	1	GP, AP, Torp
8	6	Wildcat	9a	-1			4					1						GP
5	10	Albacore	1	+2	3	1	5	1				1	5	8			1	GP, AP, Torp
9	6	Beaufighter	7a				6					2	4					GP, AP
7	8	Beaufort	4		5	3	7	3			2	3	7	8			1	GP,AP, Torp
7	7	Fulmar	6	+1			4					1						GP
7	10	Hudson	4	-1	4	1	7	3			2	1	5					GP, AP
8	6	Martlet	9	-1			4					1						GP
8	5	Sea Hurricane	9	-1			4					1						GP
10	4	Seafire	10	-1			3					1						GP
4	8	Swordfish	1	+2	4	2	5	1				1	5	8			1	GP, AP, Torp
9	10	Betty	4		5	3	7	3			1	3	6	10			1	GP, AP, Torp
4	4	Dave	1	+1			1											GP
9	24	Emily	6	+1	9	4	10	5			1	4	8	16			2	GP, AP, Torp
4	9	Jake	2				2					1					1	GP
11	6	Judy	4	+1	3	2	4	2	5	3		2	6		3	8	1	GP, AP
7	7	Kate	3		5	3	7	3			2	3	7	12			1	GP, AP, Torp
8	23	Mavis	6	-1	7	3	8	4			1	3	7	14			2	GP, AP, Torp
8	8	Nell	4		5	3	7	3			1	3	5	10			1	GP, AP, Torp
4	4	Pete	1	+1			1					1					1	GP
9	6	Rufe	7a	+1			4					1						GP
9	7	Val	3	+1	3	2	4	2	5	3		2	7		3	9	1	GP, AP
10	7	Zero	11a				4					1						GP

Air Hit Table Modifiers and Notes (modifiers change the BHT)

- a - 6 if plane is carrying bombs, - 6 if endurance not used
- b - 6 for CV in clouds, storms or night. -1 or -2 for FT
- c Special Interceptors
- d + 2 against Anchored or dead in the water ships
- e - 6 at night and/or in Clouds or Storms
- f + 1 for combined Low/DB bombing and torpedo bombing

Hit Effects	Gun	AA	Torp	LF Mi/N/Ma	Planes H / L
Bases	-1	-2		-1 / -1 / -2	-.5 / -1
CV				-1 / -3 / -6	-1 / -1
CVL				-1 / -2 / -4	-1 / -1
Other Ships	-1	-1	-1	-1 / -1 / -2	-1 / -1

Planes in Ready or Landed, DB or High attacker = 2 X Hits
Planes in Rearming & Refueling, Torpedo attacker = 2 X Hits

Surface Hit Tables	Ships			Bases	Subs		Ground		Modifiers & Notes	
	US	RN	IJN		US	IJN	A	D		
AA	5	5	5	5	4	4			a, b, c, d, e, f	
Ship to Ship	Dice Sum								g	Expends Ammo
Surf Torp	10		15						g	Expends Torpedo
Bombardment	8	8	8	9					h	Expends Ammo
Ground							3	9	i	
Anti-Sub (ASW)	2	2	1						j,k	CL & PG 1, DD 2
Sub Torp					9	12			g,l,m	Expends Torpedo

Anti-Aircraft (AA) Modifiers

- a Per Base display, the AAF figure
- b -3 vs High Altitude. (DB's engaged at low altitude)
- c -2 at night and/or in Clouds or Storms
- d -2 if Ships also in Surface Combat
- e The Air Modifier applies
- f If Screen Ships attacked, only Screen and Support can use AA

Ship to Ship Modifiers and Notes

- g +2 against anchored or dead in water ships
  A 3:1 advantage required for breakthrough combat
  AS, AV, CL, CV, CVL and DD may not hurt a BB

Surface Torpedo Modifiers and Notes

Only if Ship to Ship BHT is 10+ (day) or 7+ Night/Storm

Bombardment Modifiers and Notes

- h BB, CA and CAV may use long range bombardment with -4

Ground (originally CV only)

- i -1 per hit scored on ground units this turn

Anti-Submarine Modifiers and Notes

- j -1 at night or in storm
- k +1 if sub at periscope depth, -1 if sub at deep depth

Submarine Torpedo Attack Modifiers

- l +1 at night or in storm
- m -1 per DD in Anti Sub combat, +3 if no anti-sub combat

CRT	Basic Hit Table Numbers															
# of Factors	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-2	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	1
3-4	*	*	*	0	0	0	0	1	1	1	1	1	1	1	1	2
5-6	*	0	0	0	1	1	1	1	1	2	2	2	2	2	2	3
7-8	0	0	0	1	1	1	2	2	2	2	2	3	3	3	3	4
9-10	0	0	1	1	1	2	2	2	2	3	3	3	4	4	4	5
11-12	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	6
13-15	1	1	1	2	2	3	3	3	4	4	5	5	6	6	7	7
16-20	1	1	1	2	2	3	4	4	5	5	6	6	7	7	8	9
21-25	1	1	2	2	3	4	5	5	6	7	7	8	9	9	10	11
26-30	1	1	2	3	4	5	6	7	7	8	9	10	11	11	12	13
31-35	1	1	2	3	4	6	7	8	9	10	11	12	13	13	14	16
36-40	1	2	3	4	5	6	8	9	10	11	12	13	15	16	17	18
41-50	1	2	3	4	6	7	9	10	12	13	15	16	18	19	21	22
51+	2	3	4	5	7	9	10	12	14	16	17	19	21	23	24	25