

## Sea Wings Scenario

**The Battle of Santa Cruz.** In October of 1942, the Japanese Navy committed massive forces to support the Japanese Army's attempts to wrest Guadalcanal's Henderson Field from the US Marines. Once this airfield was in Japanese hands, the Japanese were confident that they could sweep the Allies from the Solomon Islands. While the US Navy could not hope to match the strength of the Japanese, it did commit two carriers to try to keep the Japanese force at bay.

### Decks:

	United States Navy	Imperial Japanese Navy
Event Cards in Deck	4	4
Dummy Cards in Deck	20	20
Cards in Hand	2 random	2 random
Draw	1	1

### Initial Deployment:

The south edge is the American edge, the north edge the Japanese edge.

#### United States Navy and Army Air Force:

No more than 8 dummies and no more than 12 total task forces and dummies. May deploy anywhere east and south of Guadalcanal. They deploy second.

Small land base at Henderson Field, 21 inches east of the west edge and 19 inches south of the north edge. Large land base at Espiritu Santo, 38 inches east of the west edge and 33 inches south of the north edge.

#### Imperial Japanese Navy:

No more than 6 dummies and no more than 12 total task forces and dummies. May deploy anywhere east and north of Guadalcanal, except that no task force can be east of Espiritu Santo and up to 1 light cruiser and 6 destroyers can begin west of Guadalcanal but north of the Guadalcanal-Rabaul line. No unit can begin within 10 inches of Guadalcanal. They deploy first.

Large land base at Rabaul, 1 inch east of the west edge and 7 inches south of the north edge. Small land base at Buin, 9 inches east of the west edge and 12 inches south of the north edge.

**Game Length:** From 2400 October 24, 1942 through 2000 October 27, 1942 (18 turns).

### Special Rules:

1. The US damage control number is 2 (4 for quick surface combat).
2. The US AA fire control number is 2.
3. The Japanese damage control number is 1 (2 for quick surface combat).
4. The Japanese AA fire control number is 1.
5. The Japanese receive a +1 initiative die roll modifier for night surface combat.
6. Tone and Chikuma operate the CruDiv 8 aircraft.
7. Hornet can launch strikes during night turns. Treat these as strikes launched in the last day turn at ranges of greater than 5 inches.
8. The "Slot" – the Solomons Islands chain, runs southeast on the line from Rabaul to Guadalcanal. No aircraft carrier within 3 inches of this line can operate aircraft, due to the restricted waters around the islands.
9. Japanese searchers cannot be armed.
10. American searchers can be armed. PBYs and B-17s can search as far as their strike distance with weapons.
11. All PBY-5s are radar-equipped. They search at night as they do in daylight. PBY-5s may launch 1 torpedo attack only in the course of the game.
12. US carrier-based aircraft must search in pairs – their arc coverages are halved, but 2 factors can attack in the search segment.

**Victory Conditions:** Normal victory conditions apply. In addition, the Japanese player receives 1 point for each full turn that a Japanese carrier with less than 2 A hits is maintained within 20 inches of Esperitu Santo, while the American player received 1 point for each full turn that an American carrier with less than 2 A hits is maintained within 15 inches of Guadalcanal. The Japanese player also receives victory points for bombarding Guadalcanal. The Japanese player can bombard Guadalcanal by maintaining a task force adjacent to the base. If the task force is not engaged in a turn, it bombards Guadalcanal, and the Japanese

player receives victory points equal to the total number of quick combat primary gun strength points of the bombarding ships divided by 10. For this computation, halve the strengths of all CA guns and disregard CL guns and DD guns. Each point also destroys 1 air factor in the base's Disperse boxes or 2 air factors in its Ready boxes. The American player select the air factors to be destroyed.

**Outcome:** The Americans managed only one disjointed strike against the Japanese, but this was good enough to take Shokaku out of action. SBD scouts managed to hit Zuiho, sending her home unable to operate aircraft. The Japanese struck the American carriers repeatedly, sinking Hornet and damaging Enterprise, but took such heavy plane losses that their carrier air groups were out of action until 1943. When the Japanese launched their next offensive in November they had insufficient air strength to prevent the Allied aircraft at Herderson Field from tilting the balance decisively against them.

## Santa Cruz – Japanese Forces

### Aircraft Ratings:

Type	Attack	Defense	Armor	Guns	Role	To Hit	Pen	Range
A6M2	5	2	2	2	Fighter (land)	--	--	25"
					Fighter (carrier)			15"
B5N2	1/1	4	2	0	Search	--	--	12.5"
					Bomb	0	6	12.5"
					Bomb	1	4	12.5"
					Torpedo	3	3	11.5"
D3A2	3/1	4	2	0	Bomb	3	4	10"
					Fighter	--	--	CAP
F1M2	3	3	2	0	Search	--	--	8.5"
					Fighter	--	--	4"
E13A1	1/1	4	2	0	Search	--	--	12.5"
G4M1	1/1	4	1	0	Search	--	--	35"
					Bomb	0	4	30"
					Torpedo	1	3	25"

### Carriers and Bases:

Name:	Shokaku	Zuikaku	Zuiho	Junyo	Rabaul	Buin
Class:	CV	CV	CVL	CV	LL	SL
Speed:	5.5"	5.5"	4.5"	4"	--	--
Armor:	-1	-1	2	1	0	0
Size:	5/6	5/6	4/5	5/5	6	4
CAP:	4	4	4	4	4	3
Radar:	No	No	No	No	No	No
AA	3/3	3/3	2/1	2/2	3/3	1/2
Air Factors:	12	12	5	8	30	12
Launch:	6	6	2	5	12	6
Secondary:	8DD	8DD	4DD	6DD	--	--
Defense:	15C	15C	6M	12M	--	--

Size numbers are against bombs/torpedoes. AA numbers are heavyAA/light AA. While Shokaku historically did have radar, it was not used effectively in this engagement.

Other IJN Ships:

Name	Type	Speed	Armor	Size	AA	Pri	Sec	Torp	Def
Kongo Haruna Hiei Kirishima	BC	5"	-2	5/5	2/1	14BB	14CL 4DD	--	9B
Tone Chikuma	CA	5.5"	0	3/5	2/1	8CA	4DD	18LL	9C
Atago Takao Myoko	CA	5.5"	0	4/5	2/1	10CA	4DD	24LL	10C
Maya	CA	5.5"	0	4/5	2/1	10CA	4DD	12LL	10C
Kumano Suzuya	CA	5.5"	0	3/5	2/1	10CA	4DD	18LL	8C
Nagara Isuzu Yura	CL	5.5"	0	2/4	0/1	10CL	--	8LL	5C
Terutsuki	DD	5.5"	2	1/3	2/1	6DD	--	4LL	4D
Amatsukaze Hatsukaze Tokitsukaze Yukikaze Arashi Maikaze Akigumo Isokaze Kazegumo Yugumo Tanikaze Urakaze Hayashio Kuroshio Naganami Takanami Makinami Ooshio Kagero	DD	5.5"	2	1/3	1/1	6DD	--	12LL	5D
Yamakaze Umikaze Kawakaze Suzukaze Murasame Samidare Yudachi Harusame Shiratsuyu	DD	5.5"	2	1/3	1/0	5DD	--	12LL	4D
Akatsuki Ikazuchi	DD	5.5"	2	1/3	1/0	5DD	--	9LL	5D

**Santa Cruz – Japanese Air Formations**

SHOKAKU HIKOKATAI		
Hanger 4 A6M2	Hanger 4 D3A2	Hanger 4 B5N2
On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike
		Search
CAP	CAP	

ZUIKAKU HIKOKATAI		
Hanger 3 A6M2	Hanger 4 D3A2	Hanger 3 B5N2
On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike
		Search
CAP	CAP	

ZUIHO HIKOKATAI	
Hanger 3 A6M2	Hanger 1 B5N2
On Strike	On Strike
Return from Strike	Return from Strike
	Search
CAP	

JUNYO HIKOKATAI		
Hanger 3 A6M2	Hanger 3 D3A2	Disperse 1 B5N2
On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike
		Search
CAP	CAP	

CRUDIV 8
Hanger 1 E13A1
Search

RABAU	
Disperse 6 A6M2	Disperse 4 G4M2
On Strike	On Strike
Return from Strike	Return from Strike
	Search
CAP	

BUIN
Disperse 2 A6M2
On Strike
Return from Strike
CAP

IJN Ships – Surface Action Values

Name	Type	Speed	Armor	Size	AA	Battery	Number
Shokaku Zuikaku	CV	5.5"	-1	5/6	3/3	5"	4/4
Junyo	CV	4"	1	5/5	2/2	5"	3/3
Zuiho	CVE	4.5"	2	4/5	2/1	5"	2/2
Kongo	BC	5"	-2	5/5	2/1	14"	2-4-2
Haruna						6"	6/6
Hiei						5"	2/2
Kirishima							
Tone	CA	5.5"	0	4/5	2/1	8" P	2-4-0
Chikuma						5"S 24"T	2/2 6(6)
Atago	CA	5.5"	0	4/5	2/1	8" P	2-5-1
Takao						5"S	2/2
Myoko						24"T	8(8)
Maya	CA	5.5"	0	4/5	2/1	8" P	2-5-1
						5"S 24"T	2/2 4(4)
Kumano	CA	5.5"	0	4/5	2/1	8"P	2-5-2
Suzuya						5"S 24"T	2/2 6(6)
Nagara	CL	5.5"	0	2/4	0/1	5.5"P	2-4-1
Isuzu						24"T	4
Yura							
Terutsuki	DD	5.5"	2	1/3	2/1	3.9"P 21"T	2-4-2 2
Amatsukaze	DD	5.5"	2	1/3	1/1	5"P 24"T	1-3-2 4(4)
Hatsukaze							
Tokitsukaze							
Yukikaze							
Arashi							
Maikaze							
Akigumo							
Isokaze							
Kazegumo							
Yugumo							
Tanikaze							
Urakaze							
Hayashio							
Kuroshio							
Naganami							
Takanami							
Makinami							
Ooshio							
Kagero							
Yamakaze	DD	5.5"	2	1/3	1/0	5"P 24"T	1-3-1 4(4)
Umikaze							
Kawakaze							
Suzukaze							
Murasame							
Samidare							
Yudachi							
Harusame							
Shiratsuyu							
Akatsuki	DD	5.5"	2	1/3	1/0	5"P 24"T	1-3-2 4(4)
Ikazuchi							

IJN Weapons:

Type:	6"	12"	24"	36"	Penetration
14"	3	2	2	1	5
8"	4	3	2	1	4
6"	5	3	1		3
5.5"	5	3	1		2
5"	5	2			2
3.9"	5	2			1
24"	4	2	1		5

## Santa Cruz – Allied Forces

### Aircraft Ratings:

Type	Attack	Defense	Armor	Guns	Role	To Hit	Pen	Range
F4F-4	3	3	0	3	Fighter	--	--	9.5"
SBD-3	3/1	4	0	1	Search	1	4	10"
					Bomb	3	4	10"
					Bomb	3	5	8.5"
					Fighter	--	--	CAP
TBF-1	1/1	4	0	1	Search	0	4	12.5"
					Bomb	1	4	10"
					Torpedo	2	3	10"
					Search	--	--	35"
PBY-5	1/1	4	0	1	Bomb	0*	4	25"
					Torpedo	1*	2	25"
					Fighter	--	--	5"
P-39/ 400	2	4	0	2				
B-17E	2/2	4	-1	1	Search	**	3	35"
					Strike	**	4	25"

\*PBY-5s may only attack at night. \*\*B-17s roll on "0" to hit table, but only against targets moving at a speed of 1½ inches or slower.

### Carriers and Bases:

Name:	Hornet	Enterprise	Espiritu Santo	Guadalcanal
Class:	CV	CV	LL	SL
Speed:	6"	6"	--	--
Armor:	-1	-1	0	0
Size:	5/5	5/5	6	4
CAP:	4	4	5	4
Radar:	R1	R1	R1	No
AA	2/5	4/4	3/3	2/1
Admin:	2	2	2	1
Air Factors:	14	14	36	12
Launch:	7	7	12	6
Secondary:	11DD	11DD	--	--
Defense:	12C	12C	--	--

Size numbers are against bombs/torpedoes. AA numbers are heavy AA/light AA. Note: CAP values reflect substandard radar performance.

Other USN Ships:

Name	Type	Speed	Armor	Size	AA	Pri	Sec	Torp	Def
South Dakota	BB	4.5"	-3	6/6	6/3	20BB	8DD	--	17B
Washington	BB	4.5"	-3	6/6	7/3	20BB	10DD	--	18B
San Francisco	CA	5"	-1	3/5	5/0	8CA	4DD	--	9C
Northampton Portland	CA	5"	0	3/5	5/1	8CA	4DD	--	7C
Pensacola	CA	5"	0	3/5	5/0	9CA	4DD	--	8C
Helena	CA	5"	-1	3/5	5/1	20CL	4DD	--	9C
Juneau San Diego San Juan Atlanta	CL	5"	1	2/4	6/1	14DD	--	3	5C
Fletcher	DD	6"	1	1/3	1/2	7DD	--	5	6D
Morris Anderson Russell Mustin Hughes	DD	5.5"	2	1/3	1/1	7DD	--	6	4D
Cushing Preston Conyningham Smith Mahan	DD	6"	2	1/3	1/1	7DD	--	4	4D
Porter	DD	6"	2	1/3	0/1	8DD	--	4	6D
Maury Benham	DD	6"	3	1/3	1/1	5DD	--	8	4D
Barton Aaron Ward Lansdowne Lardner McCalla	DD	5.5"	2	1/3	1/1	5DD	--	5	4D

**Santa Cruz – Allied Air Formations**

HORNET AIR GROUP (VF-72, VS-8, VB-8, VT-6)			
Hanger 6 F4F-4	Hanger 3 SBD-3	Hanger 3 SBD-3	Hanger 2 TBF-1
On Strike	On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike	Return from Strike
	Search	Search	Search
CAP	CAP	CAP	

ENTERPRISE AIR GROUP (VF-10, VS-10, VB-10, VT-10)			
Hanger 6 F4F-4	Hanger 3 SBD-3	Hanger 3 SBD-3	Hanger 2 TBF-1
On Strike	On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike	Return from Strike
	Search	Search	Search
CAP	CAP	CAP	

ESPIRITU SANTO		
Disperse 6 B-17E	Disperse 5 PB-5	Disperse 4 F4F-4
On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike
Search	Search	
		CAP

GUADALCANAL		
Disperse 2 P-39/400	Disperse 4 F4F-4	Disperse 3 SBD-3
On Strike	On Strike	On Strike
Return from Strike	Return from Strike	Return from Strike
		Search
CAP	CAP	

Other USN Ships:

Name	Type	Speed	Armor	Size	AA	Battery	Number
Enterprise	CV	5.5"	-1	5/5	4/4	5"/38S	2/2
Hornet					2/5	5"/38S	2/2
South Dakota	BB	4.5"	-3	6/6	6/3	16"P	3-4-1
Washington						5"S	4/4
						16"P	3-4-1
						5"S	5/5
San Francisco	CA	5"	-1	3/5	5/0	8"P	3-4-1
Northampton						5"/25 S	2/2
Portland	CA	5"	0	3/5	5/1	8"P	3-4-1
Pensacola						5"/25 S	2/2
						8"P	2-5-2
						5"/25 S	2/2
Helena	CA	5"	-1	3/5	5/1	6"P	3-7-3
						5"/25 S	2/2
Juneau	CL	5"	1	2/4	6/1	5"P	4-8-3
San Diego						21"T	3
San Juan							
Atlanta							
Fletcher	DD	6"	1	1/3	1/2	5"P	2-4-2
						21"T	5
Morris	DD	5.5"	2	1/3	1/1	5"P	2-3-2
Anderson						21"T	4
Russell							
Mustin							
Hughes	DD	6"	2	1/3	1/1	5"P	2-4-2
Cushing						21"T	4
Preston							
Conyningham							
Smith	DD	6"	2	1/3	0/1	5"P	2-4-2
Mahan						21"T	4
Porter							
Maury	DD	6"	3	1/3	1/1	5"P	2-3-2
Benham						21"T	8
Barton	DD	5.5"	2	1/3	1/1	5"P	2-3-2
Aaron Ward						21"T	5
Lansdowne							
Lardner							
McCalla							

Weapons:

Type:	6"	12"	24"	36"	Penetration
16"	3	2	2	1	6
8"	4	3	2	1	4
5"	5	2			2
5"/25	5	1			1
21"	2	1			2