ENTERPRISE 1940

Total Points	56	HANGER
Forward	19	(26)
11-26		, ,
VF Only	6	
31-36		
0.00		
VF, VB w/	4	
	7	
500lb		
31-36		
\/E \/D /	4	
VF, VB w/	4	
700lb		
31-36		
VF, VB w/	12	
1000lb		
41-46		
All Aircraft	11	
51-66		
" " " " " " " " " " " " " " " " " " "		

Elevators:

- Forward, locations 15-22, 3 factors/AOS
- Amidships, locations 42-45, 3 factors/AOS
- Aft, locations 56-62, 3 factors/AOS

Catapults: 2 on forward flight deck, fighters only, may launch up to 8 AF/turn

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 9 points

Landing Zone: location 51 aft (45 points forward)

Handling Points: 12 (2217)

Notes: Open hanger deck, 1/2 handling point to move one AF from hanger to flight deck. May conduct all refueling and rearming operations on both flight and hanger decks without penalty. Fair fuel fire suppression system.

F2F, F3F, F4F, F2A BT	Deck Space 2 3	Arm Cost 2 4	Search Range
SBC, SB2U TBD	2	4	5
Endurance and speed:			
F2A-1	17 turn	s	Normal
F2F-1	14 turn	s	Normal
F3F-1	17 turn	s	Normal
F3F-2	16 turn	S	Normal
F3F-3	15 turn	S	Normal
F4F-3	13 turn	S	Normal
SBC-3, 500 lb bomb	16 turn	S	Normal
SBC-4, 500 lb bomb	15 turn	S	Normal
SBC-4, 1000 lb bomb	11 turn	S	Normal
SB2U-1, 500 lb bomb	14 turn	S	Normal
SB2U-1, 1000 lb bomb	11 turn	S	Normal
SB2U-2, 500 lb bomb	14 turn	S	Normal
SB2U-2, 1000 lb bomb	11 turn	S	Normal
BT-1, 500 lb bomb	14 turn	S	Normal
BT-1, 1000 lb bomb	11 turn	S	Normal
TBD, torpedo	14 turn	S	Normal
TBD, 12 100 lb bombs	17 turn	s	Normal
TBD, 2 500 lb bombs	20 turn	S	Normal

BT-1 and F2A-1 were prone to landing accidents. Roll for crashes for every 2 BT-1 or F2A-1 AFs landing rather than every 3 AFs.

ENTERPRISE

Total Points Forward 11-26	56 19	HANGER (26)	 Elevators: Forward, locations 15-22, 3 factors/AOS Amidships, locations 42-45, 3 factors/AOS Aft, locations 56-62, 3 factors/AOS
VF Only 31-36	6		Catapults: 2 on forward flight deck, F4Fs only, launch 8 AF/turn Launch 12 AF/turn without catapults, land 6 AF/turn Space lost per 1/6 deck: 9 points Landing Zone: location 51 aft (45 points forward)
VF, VB w/ 500lb 31-36	4		Handling Points: 12 (2217) Notes: Open hanger deck, 1/2 handling point to move one AF from the hanger to the flight deck. May conduct all refueling and rearming operations on both flight and hanger decks without penalty. Fair fuel fire protection.
VF, VB w/ 700lb 31-36	4		Deck Arm Search Space Cost Range F4F-3 2 2 F4F-3A 2 2 F4F-4 1 2 SBD-2 3 4 5 SBD-3 3 4 6 TBD 2 4 TBF 2 4 6
VF, VB w/ 1000lb 41-46	12		Endurance and speed: F4F-3 13 turns Normal F4F-3A 14 turns Normal F4F-4 11 turns Normal F4F-4, 42 gal drop tank 16 turns Normal F4F-4, 58 gal drop tank 17 turns Normal F4F-4, 2 58 gal dt 19 turns Normal SBD-2, 500 lb bomb 16 turns Normal SBD-2, 500, 2 100 lb 15 turns Normal
All Aircraft 51-66	11		SBD-2, 500, 2 100 lb 15 turns Normal SBD-2, 1000 lb bomb 13 turns Normal SBD-3, 500 lb bomb 20 turns Normal SBD-3, 500, 2 100 lb 18 turns Normal SBD-3, 1000 lb bomb 16 turns Normal TBD, torpedo 14 turns Normal TBD, 2 500 lb bombs 20 turns Normal TBF, torpedo 17 turns Normal TBF, 4 500 lb bombs 17 turns Normal TBF, torpedo, 2 58g dt 22 turns Normal TBF, 4 500 lb b, 2 58g 22 turns Normal

HORNET

Total Points	56	HANGER
Forward 11-26	19	(26)
VF Only 31-36	6	
VF, VB w/ 500lb 31-36	4	
VF, VB w/ 700lb 31-36	4	
VF, VB w/ 1000lb 41-46	12	
All Aircraft 51-66	11	

Elevators:

- Forward, locations 15-22, 3 factors/AOS
- Amidships, locations 42-45, 3 factors/AOS
- Aft, locations 56-62, 3 factors/AOS

Catapults: 2 on forward flight deck, F4Fs only, launch 8 AF/turn

Launch 12 AF/turn without catapults, land 6 AF/turn

Space lost per 1/6 deck: 9 points

Landing Zone: location 51 aft (45 points forward)

Handling Points: 12 (2217)

Notes: Open hanger deck, 1/2 handling point to move one AF from the hanger to the flight deck. May conduct all refueling and rearming operations on both flight and hanger decks without penalty. Fair fuel fire protection.

	Deck	Arm	Search
	Space	Cost	Range
F4F-3	2	2	
F4F-3A	2	2	
F4F-4	1	2	
SBD-2	3	4	5
SBD-3	3	4	6
TBD	2	4	
TBF	2	4	6

F4F-3	13 turns	Normal
F4F-3A	14 turns	Normal
F4F-4	11 turns	Normal
F4F-4, 42 gal drop tank	16 turns	Normal
F4F-4, 58 gal drop tank	17 turns	Normal
F4F-4, 2 58 gal dt	19 turns	Normal
SBD-2, 500 lb bomb	16 turns	Normal
SBD-2, 500, 2 100 lb	15 turns	Normal
SBD-2, 1000 lb bomb	13 turns	Normal
SBD-3, 500 lb bomb	20 turns	Normal
SBD-3, 500, 2 100 lb	18 turns	Normal
SBD-3, 1000 lb bomb	16 turns	Normal
TBD, torpedo	14 turns	Normal
TBD, 2 500 lb bombs	20 turns	Normal
TBF, torpedo	17 turns	Normal
TBF, 4 500 lb bombs	17 turns	Normal
TBF, torpedo, 2 58g dt	22 turns	Normal
TBF, 4 500lb b, 2 58g	22 turns	Normal

LEXINGTON

Total Points	60	
Forward	17	
11-26		
\/F.O.1	_	LIANOED
VF Only 31-36	5	HANGER (20)
VF, VB w/ 500lb 31-36	3	
VF, VB w/ 700lb 31-36	4	
VF, VB w/ 1000lb 41-46	12	
All Aircraft 51-66	19	

Elevators:

Forward, locations 31-32, 2 factors/AOS

Aft, locations 43-44, not operating

Catapults: None

Space lost per 1/6 deck: 10 points

Landing Zone: location 51 aft (41 points forward)

Handling Points: 12 (2791)

Notes: Closed hanger deck. May conduct refueling and rearming operations on both flight and hanger decks without penalty. Closed hanger deck, 1 handling point to move AF from hanger to flight deck. Poor fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
F4F-3	2	2	_
F4F-4	1	2	
SBD-2	3	4	5
SBD-3	3	4	6
TBD	2	4	
TBF	2	4	6

F4F-3	13 turns	Normal
F4F-3A	14 turns	Normal
F4F-4	11 turns	Normal
F4F-4, 42 gal drop tank	16 turns	Normal
F4F-4, 58 gal drop tank	17 turns	Normal
F4F-4, 2 58 gal dt	19 turns	Normal
SBD-2, 500 lb bomb	16 turns	Normal
SBD-2, 500, 2 100 lb	15 turns	Normal
SBD-2, 1000 lb bomb	13 turns	Normal
SBD-3, 500 lb bomb	20 turns	Normal
SBD-3, 500, 2 100 lb	18 turns	Normal
SBD-3, 1000 lb bomb	16 turns	Normal
TBD, torpedo	14 turns	Normal
TBD, 2 500 lb bombs	20 turns	Normal
TBF, torpedo	17 turns	Normal
TBF, 4 500 lb bombs	17 turns	Normal
TBF, torpedo, 2 58g dt	22 turns	Normal
TBF, 4 500lb b, 2 58g	22 turns	Normal

SARATOGA 1940

Total Points	57]
Forward 11-26	57 14	
VF Only 31-36	5	HANGER (20)
VF, VB w/ 500lb 31-36	3	
VF, VB w/ 700lb 31-36	4	
VF, VB w/ 1000lb 41-46	12	
All Aircraft 51-66	19	

Elevators:

Forward, locations 31-32, 2 factors/AOS

• Aft, locations 43-44, 2 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 10 points

Landing Zone: location 51 aft (38 points forward)

Handling Points: 12 (2791)

Notes: Closed hanger deck, 1 handling point to move one AF from hanger to flight deck. May conduct refueling and rearming operations on both flight and hanger decks without penalty. Poor fuel fire supression systems.

F2F, F3F, F4F, F2A BT SBC, SB2U TBD	Deck Space 2 3 2	Arm Cost 2 4 4	Search Range 5
Endurance and speed: F2A-1 F2F-1 F3F-1 F3F-2 F3F-3 F4F-3 SBC-3, 500 lb bomb SBC-4, 500 lb bomb SBC-4, 1000 lb bomb SB2U-1, 500 lb bomb SB2U-1, 1000 lb bomb SB2U-2, 500 lb bomb SB2U-2, 1000 lb bomb SB2U-2, 1000 lb bomb SB2U-1, 1000 lb bomb SB2U-2, 1000 lb bomb SB2U-1, 1000 lb bomb SB2U-2, 1000 lb bomb SB2U-2, 1000 lb bomb SB2U-2, 1000 lb bomb	14 turn: 11 turn: 14 turn:		Normal Normal Normal Normal Normal Normal Normal Normal Normal Normal Normal Normal Normal

BT-1 and F2A-1 were prone to landing accidents. Roll for crashes for every 2 BT-1 or F2A-1 AFs landing rather than every 3 AFs.

SARATOGA 1941

Total Points	57	
Forward 11-26	<u>57</u> 14	
VF Only 31-36	5	HANGER (20)
VF, VB w/ 500lb 31-36	3	
VF, VB w/ 700lb 31-36	4	
VF, VB w/ 1000lb 41-46	12	
All Aircraft 51-66	19	

Elevators:

• Forward, locations 31-32, 2 factors/AOS

• Aft, locations 43-44, not operating

Catapults: None

Launche 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 10 points

Landing Zone: location 51 aft (38 points forward)

Handling Points: 12 (2791)

Notes: Closed hanger deck, 1 handling point to move one AF from the hanger to the flight deck. May conduct refueling and rearming operations on both flight and hanger decks without penalty. Poor fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
F2A-3	2	2	•
F4F-3	2	2	
F4F-4	1	2	
SBD-2	3	4	5
SBD-3	3	4	6
TBD	2	4	
עם ו	_	4	

	44.	
F2A-3	14 turns	Normal
F4F-3	13 turns	Normal
F4F-3A	14 turns	Normal
F4F-4	11 turns	Normal
F4F-4, 42 gal drop tank	16 turns	Normal
F4F-4, 58 gal drop tank	17 turns	Normal
F4F-4, 2 58 gal dt	19 turns	Normal
SBD-2, 500 lb bomb	16 turns	Normal
SBD-2, 500, 2 100 lb	15 turns	Normal
SBD-2, 1000 lb bomb	13 turns	Normal
SBD-3, 500 lb bomb	20 turns	Normal
SBD-3, 500, 2 100 lb	18 turns	Normal
SBD-3, 1000 lb bomb	16 turns	Normal
TBD, torpedo	14 turns	Normal
TBD. 2 500 lb bombs	20 turns	Normal

SARATOGA

Total Points	60	
Forward 11-26	17	
VF Only 31-36	5	HANGER (20)
VF, VB w/ 500lb 31-36	3	
VF, VB w/ 700lb 31-36	4	
VF, VB w/ 1000lb 41-46	12	
All Aircraft 51-66	19	

Elevators:

• Forward, locations 31-32, 2 factors/AOS

Aft, locations 43-44, not operating

Catapults: None

Space lost per 1/6 deck: 10 points

Landing Zone: location 51 aft (41 points forward)

Handling Points: 12 (2791)

Notes: Closed hanger deck. May conduct refueling and rearming operations on both flight and hanger decks without penalty. Closed hanger deck, 1 handling point to move AF from hanger to flight deck. Poor fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
F4F-3	2	2	_
F4F-4	1	2	
SBD-2	3	4	5
SBD-3	3	4	6
TBD	2	4	
TBF	2	4	6

F4F-3	13 turns	Normal
F4F-3A	14 turns	Normal
F4F-4	11 turns	Normal
F4F-4, 42 gal drop tank	16 turns	Normal
F4F-4, 58 gal drop tank	17 turns	Normal
F4F-4, 2 58 gal dt	19 turns	Normal
SBD-2, 500 lb bomb	16 turns	Normal
SBD-2, 500, 2 100 lb	15 turns	Normal
SBD-2, 1000 lb bomb	13 turns	Normal
SBD-3, 500 lb bomb	20 turns	Normal
SBD-3, 500, 2 100 lb	18 turns	Normal
SBD-3, 1000 lb bomb	16 turns	Normal
TBD, torpedo	14 turns	Normal
TBD, 2 500 lb bombs	20 turns	Normal
TBF, torpedo	17 turns	Normal
TBF, 4 500 lb bombs	17 turns	Normal
TBF, torpedo, 2 58g dt	22 turns	Normal
TBF, 4 500lb b, 2 58g	22 turns	Normal

YORKTOWN

Forward	56 HANGER 19 (26)	Elevators: • Forward, locations 15-22, 3 factors/AOS
11-26		 Amidships, locations 42-45, 3 factors/AOS Aft, locations 56-62, 3 factors/AOS
		Catapults: 2 on forward flight deck, F4Fs only, launch 8 AF/turn
VF Only	6	Launch 12 AF/turn without catapults, land 6 AF/turn
31-36		Space lost per 1/6 deck: 9 points
		Landing Zone: location 51 aft (45 points forward)
		Handling Points: 12 (2217)
VF, VB w/	4	Notes: Open hanger deck, 1/2 handling point to move one AF from the hanger to the flight deck. May conduct
500lb 31-36		all refueling and rearming operations on both flight and hanger decks without penalty. Fair fuel fire protection.
		Deck Arm Search Space Cost Range
		Space Cost Range F4F-3 2 2 F4F-3A 2 2
VF, VB w/ 700lb	4	F4F-4 1 2
31-36		SBD-2 3 4 5 SBD-3 3 4 6
		TBD 2 4 TBF 2 4 6
		Endurance:
VF, VB w/	12	F4F-3 13 turns Normal
1000lb	12	F4F-3A 14 turns Normal
41-46		F4F-4 11 turns Normal
		F4F-4, 42 gal drop tank 16 turns Normal F4F-4, 58 gal drop tank 17 turns Normal
		F4F-4, 2 58 gal dt 19 turns Normal
		SBD-2, 500 lb bomb 16 turns Normal
		SBD-2, 500, 2 100 lb 15 turns Normal
	11	SBD-2, 1000 lb bomb 13 turns Normal SBD-3, 500 lb bomb 20 turns Normal
51-66		SBD-3, 500 ib bornb 20 turns Normal
		SBD-3, 1000 lb bomb 16 turns Normal
		TBD, torpedo 14 turns Normal
		TBD, 2 500 lb bombs 20 turns Normal
		TBF, torpedo 17 turns Normal TBF, 4 500 lb bombs 17 turns Normal
		TBF, torpedo, 2 58g dt 22 turns Normal
		TBF, 4 500lb b, 2 58g 22 turns Normal

HIRYU 1940

	1	
Total Points	42	HANGER
Forward	13	(42)
12-26		
\/E I		
VFonly	6	
31-36		
VE VE	40	
VF, VT	12	
w/551 lb		
41-56		
All Aircraft	11	
61-66	11	
01-00		
<u> </u>		

Elevators:

Forward, locations 31-32, 2 factors/AOS

• Amidships, locations 43-44, 2 factors/AOS

Aft, locations 43-44, 2 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 7 points

Landing Zone: location 41 aft (21 points forward)

Handling Points: 8 (1100)

Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1handling point to move one AF from the hanger to the flight deck. Poor fuel fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
A5M	2	2	_
D1A	3	4	
B4Y	2	4	5
B5N	2	4	5

Endurance and speed:

A5M4, 35ig drop tank	12 turns	Normal
D1A2, 551 lb bomb	12 turns	Normal
B4Y1, unarmed	24 turns	Normal
B4Y1, 2 551 lb bombs	22 turns	Normal
B4Y1, torpedo	19 turns	Normal
B5N1, unarmed	31 turns	Normal
B5N1, 1760 lb bomb	27 turns	Normal
B5N1, torpedo	24 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, 1760 lb bomb	24 turns	Normal
B5N2, torpedo	21 turns	Normal

B5N1 had unreliable engines. Roll D10 for any B5N1 AF returning to from a search or strike mission of more than 6 turns duration. On a 1, the AF is lost.

HIRYU

Total Points Forward 12-26	13	HANGER (42)
VFonly 31-36	6	
VF, VB, unarmed VT 41-56	12	
All Aircraft 61-66	11	

Elevators:

- Forward, locations 31-32, 2 factors/AOS
- Amidships, locations 43-44, 2 factors/AOS
- Aft, locations 43-44, 2 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 7 points

Landing Zone: location 41 aft (21 points forward)

Handling Points: 8 (1100)

Notes: May not arm torpedo bombers on flight deck. Double handling point costs for all other aircraft armed or fueled on flight deck. Closed hanger deck, 1 handling point to move one AF from the hanger to the flight deck. Poor fuel fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
A6M	2	2	_
D3A	3	4	
B5N	2	4	7

A6M, clean	20 turns	Fast
A6M, 77 gal drop tank	34 turns	Fast
D3A1, 551 lb bomb	21 turns	Normal
D3A2, 551 lb bomb	17 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, torpedo	21 turns	Normal
B5N2, 1762 lb bomb	23 turns	Normal
B5N2, 6 112 lb bombs	25 turns	Normal

KAGA 1940

Total Points	62	HANGER
Forward	18	(82)
12-26		(/
12-20		
VFonly	7	
VEOLITY	′	
31-36		
VF, VB,	15	
unarmed VT		
41-46		
41-40		
All Aircraft	00	
All Aircraft	22	
51-66		

Elevators:

Forward, locations 21-23, 2 factors/AOS

• Amidships, locations 31-33, 2 factors/AOS

Aft, locations 54-56, 2 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 10 points

Landing Zone: location 41 aft (23 points forward)

Handling Points: 12 (2016)

Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1handling point to move one AF from the hanger to the flight deck. Poor fuel fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
A5M	2	2	_
D1A	3	4	
B4Y	2	4	5
B5N	2	4	5

Endurance and speed:

A5M4, 35ig drop tar	nk 12 turns	Normal
D1A2, 551 lb bomb	12 turns	Normal
B4Y1, unarmed	24 turns	Normal
B4Y1, 2 551 lb bom	bs 22 turns	Normal
B4Y1, torpedo	19 turns	Normal
B5N1, unarmed	31 turns	Normal
B5N1, 1760 lb bomb	b 27 turns	Normal
B5N1, torpedo	24 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, 1760 lb boml	b 24 turns	Normal
B5N2, torpedo	21 turns	Normal

B5N1 had unreliable engines. Roll D10 for any B5N1 AF returning to from a search or strike mission of more than 6 turns duration. On a 1, the AF is lost.

KAGA

Total Points	62	HANGER	Elevators:
Forward 12-26	18	(82)	 Forward, locations 21-23, 2 factors/AOS Amidships, locations 31-33, 2 factors/AOS
			Aft, locations 54-56, 2 factors/AOS, cannot take D3As
			Catapults: None
			Launch 12 AF/turn, land 6 AF/turn
			Space lost per 1/6 deck: 10 points
			Landing Zone: location 41 aft (23 points forward)
			Handling Points: 12 (2016)
VF only 31-36	7		Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1 handling point to move one AF from the hanger to the flight deck. Poor fuel fire supression systems.
VF, VB,	15		Deck Arm Search Space Cost Range A6M 2 2 D3A 3 4
unarmed VT 41-46			B5N 2 4 7
41 40			Endurance and speed: A6M, clean 20 turns Fast
			A6M, 77 gal drop tank 34 turns Fast D3A1, 551 lb bomb 21 turns Normal
			D3A2, 551 lb bomb 17 turns Normal
All Aircraft 51-66	22		B5N2, unarmed 27 turns Normal B5N2, torpedo 21 turns Normal
31-00			B5N2, 1762 lb bomb 23 turns Normal B5N2, 6 112 lb bombs 25 turns Normal

SHOHO

Total Points Forward 13-26	34 13		Elevators:Forward, locations 31-33, 2 factors/AOSAft, locations 52-54, 2 factors/AOS
		Catapults: None	
			Launch 12 AF/turn, land 6 AF/turn
		HANGER	Space lost per 1/6 deck: 6 points
		(16)	Landing Zone: location 31 aft (9 points forward)
			Handling Points: 6 (785)
VFonly 31-36	6		Notes: May not arm torpedo bombers on flight deck. Double handling point costs for all other aircraft armed or fueled on flight deck. Closed hanger deck, 1 handling point to move AF from hanger to flight deck. Poor fuel fire supression systems.
VF, VB,	12		Deck Arm Search Space Cost Range A5M 1 2 A6M 2 2 B5N 2 4 7
unarmed VT 41-56	12		Endurance and speed: A5M, clean 12 turns Normal A6M, clean 20 turns Fast A6M, 77 gal drop tank 34 turns Fast B5N2, unarmed 27 turns Normal B5N2, torpedo 21 turns Normal B5N2, 1762 lb bomb 23 turns Normal B5N2, 6 112 lb bombs 25 turns Normal
All Aircraft 61-66	3		

SHOKAKU

Total Points	62	HANGER
Forward	17	(58)
12-26		()
12 20		
VFonly	7	
31-36		
VF, VB,	15	
VI, VD,	13	
unarmed VT		
41-46		
All Aircraft	23	
51-66		

Elevators:

• Forward, locations 24-26, 3 factors/AOS

• Amidships, locations 42-44, 3 factors/AOS

Aft, locations 56-62, 3 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 10 points

Landing Zone: location 31 aft (23 points forward)

Handling Points: 10 (1660)

Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1 handling point to move one AF from the hanger to the flight deck. Fair fuel fire supression systems.

Deck	Arm	Search
Space	Cost	Range
2	2	
3	4	
2	4	7
	Space 2 3	3 4

A6M, clean:	20 turns	Fast
A6M, 77 gal drop tank	34 turns	Fast
D3A1, 551 lb bomb	21 turns	Normal
D3A2, 551 lb bomb	17 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, torpedo	21 turns	Normal
B5N2, 1762 lb bomb	23 turns	Normal
B5N2, 6 112 lb bombs	25 turns	Normal

SORYU 1940

Total Points	40	HANGER
Forward	13	(42)
12-26		` '
VFonly	6	
VFonly 31-36		
01 00		
VF, VT	11	
w/551 lb		
41-56		
All Aircraft	10	
61-66		

Elevators:

Forward, locations 26-31, 2 factors/AOS

• Amidships, locations 43-44, 2 factors/AOS

Aft, locations 56-61, 2 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 7 points

Landing Zone: location 41 aft (20 points forward)

Handling Points: 8 (1100)

Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1handling point to move one AF from the hanger to the flight deck. Poor fuel fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
A5M	2	2	_
D1A	3	4	
B4Y	2	4	5
B5N	2	4	5

Endurance and speed:

A5M4, 35ig drop tank	12 turns	Normal
D1A2, 551 lb bomb	12 turns	Normal
B4Y1, unarmed	24 turns	Normal
B4Y1, 2 551 lb bombs	22 turns	Normal
B4Y1, torpedo	19 turns	Normal
B5N1, unarmed	31 turns	Normal
B5N1, 1760 lb bomb	27 turns	Normal
B5N1, torpedo	24 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, 1760 lb bomb	24 turns	Normal
B5N2, torpedo	21 turns	Normal

B5N1 had unreliable engines. Roll D10 for any B5N1 AF returning to from a search or strike mission of more than 6 turns duration. On a 1, the AF is lost.

SORYU

Total Points	40	HANGER
Forward	13	(42)
12-26		()
VFonly 31-36	6	
31-36		
VF, VB,	11	
unarmed VT		
41-56		
11.00		
All Aircraft	10	
61-66		

Elevators:

- Forward, locations 26-31, 2 factors/AOS
- Amidships, locations 43-44, 2 factors/AOS
- Aft, locations 56-61, 2 factors/AOS, cannot fit D3As

Launch 12 AF/turn, land 6 AF/turn

Catapults: None

Space lost per 1/6 deck: 7 points

Landing Zone: location 41 aft (20 points forward)

Handling Points: 8 (1100)

Notes: May not arm torpedo bombers on flight deck. Double handling point costs for all other aircraft armed or fueled on flight deck. Closed hanger deck, 1 handling point to move one AF to from the hanger deck to the flight deck. Poor fuel fire supression systems.

	Deck	Arm	Search
	Space	Cost	Range
A6M	2	2	_
D3A	3	4	
B5N	2	4	7

A6M, clean	20 turns	Fast
A6M, 77 gal drop tank	34 turns	Fast
D3A1, 551 lb bomb	21 turns	Normal
D3A2, 551 lb bomb	17 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, torpedo	21 turns	Normal
B5N2, 1762 lb bomb	23 turns	Normal
B5N2. 6 112 lb bombs	25 turns	Normal

ZUIKAKU

Total Points Forward 12-26	62 17	HANGER (58)
VFonly 31-36	7	
VF, VB, unarmed VT 41-46	15	
All Aircraft 51-66	23	

Elevators:

• Forward, locations 24-26, 3 factors/AOS

• Amidships, locations 42-44, 3 factors/AOS

Aft, locations 56-62, 3 factors/AOS

Catapults: None

Launch 12 AF/turn, land 6 AF/turn

Space lost per 1/6 deck: 10 points

Landing Zone: location 31 aft (23 points forward)

Handling Points: 10 (1660)

Notes: May not arm torpedo bombers on flight deck. Double handling point cost to arm aircraft on the flight deck. Closed hanger deck, 1 handling point to move one AF from the hanger to the flight deck. Fair fuel fire supression systems.

Deck	Arm	Search
Space	Cost	Range
2	2	
3	4	
2	4	7
	Space 2 3	3 4

A6M, clean:	20 turns	Fast
A6M, 77 gal drop tank	34 turns	Fast
D3A1, 551 lb bomb	21 turns	Normal
D3A2, 551 lb bomb	17 turns	Normal
B5N2, unarmed	27 turns	Normal
B5N2, torpedo	21 turns	Normal
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