



Aoba

CA JAPAN

2717-3 AOBA Class

1943 to 1944

Displacement
Complement
Sunk 07/28/1945

7,100 ts
625

Length
Beam
Draft

602 ft
58 ft
18.7 ft

Mitsubishi, Nagasaki
Launched 09/25/1926
Completed 09/20/1927



SHIP LOG SHEET

Version 2/18/2009



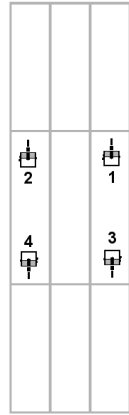
6 x 20cm/50 Type 3 No.2

25

Max ROF		Range		Shell Size/Weight	
4.0	sh/min	31,600 yds	63.2"	8.0"	277.4 lbs.
Fire Control		FC Radar		+ 0	
2	1F3	None		AP	SAP
				COM	HE
AA	0.0	Level	S	Ammunition	120 rpg 720

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	23	16	18	13	15	11	14	10		
10 - 18	18	12	14	10	12	8	10	7		
19 - 27	15	11	12	8	10	7	9	6		
28 - 36	13	9	10	7	9	6	8	5		
37 - 45	12	9	10	7	8	6	7	5		

SAPBC		PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000		
ROF	7.9	6.8	5.9	5.1	4.5	3.9	3.3	2.7	2.3	2.0	1.7	1.4	1.3			
Rge	S	S	S	S	M	M	M	L	L	L	E	E	E			
H	0.3	0.5	0.7	0.8	0.9	1.0	1.2	1.4	1.8	2.5	3.4	4.4	5.0			
V	15.0	13.3	11.7	10.3	9.0	7.8	6.4	5.4	4.7	4.0	3.3	2.7	2.2			



4 x 12cm/45 Type 10

12

Max ROF		Range		Shell Size/Weight	
8.0	sh/min	17,500 yds	35.0"	4.7"	45.0 lbs.
Fire Control		FC Radar		+ 0	
2	2G2	None		AP	SAP
				COM	HE
AA	2.1	Level	V	Ammunition	360 rpg 1440

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	16	10	12	7	9	6	8	5		
10 - 18	12	7	8	5	7	4	6	4		
19 - 27	10	6	7	4	5	3	5	3		
28 - 36	8	5	6	4	5	3	4	2		
37 - 45	7	5	5	3	4	3	4	2		

HE		PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000		
ROF	7.8	6.4	5.3	4.3	3.5	2.9	2.2	1.5								
Rge	S	S	S	M	M	L	E	E								
H	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7								
V	3.6	2.6	1.9	1.5	1.3	1.2	1.1	1.2								

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	2	Catapult	1
E13A-1 Jake		0 1 31	
203 kts	120 kts	28600 ft	

TORPEDOES			
TT	8	Ammo	16
61cm Type 93 M1-2			
Damage Class	A		
Settings			
22,000/48			
35,000/40			
43,700/36			
MINES			
0			

RAPID FIRE BATTERIES

RF1	15	25mm/60 Type 96			
Max Rg	7,440	14.9"	9	7	
Eff Rg	3,348	6.7"	13	10	

RF	Port	8	6	4	2	1
5	Stbd	8	6	4	2	1

AA	Port	31	24	17	10	5
M	Stbd	31	24	17	10	5

RF2	None					
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					

AA	Port					
	Stbd					

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	2000	Radius (nm/kts)	Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	Parsons GT			8000	14	No.13 Type 3 M1		0	Rack	0
Boilers	12 Kampon					None		None	Ammo	0



Aoba
CA JAPAN
2717-4 AOBA Class

1944 to 1945

Displacement
Complement
Sunk 07/28/1945

7,100 ts Length 602 ft Mitsubishi, Nagasaki
625 Beam 58 ft Launched 09/25/1926
Draft 18.7 ft Completed 09/20/1927



SHIP LOG SHEET

Version 2/18/2009



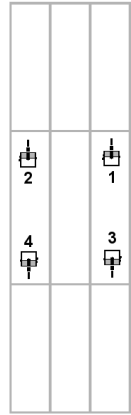
6 x 20cm/50 Type 3 No.2

25

Max ROF 4.0 sh/min		Range 31,600 yds 63.2"		Shell Size/Weight 8.0" 277.4 lbs.	
Fire Control 2 1F3		FC Radar None		AP SAP COM HE	
AA	0.0	Level	S	Ammunition	120 rpg 720

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	23	16	18	13	15	11	14	10		
10 - 18	18	12	14	10	12	8	10	7		
19 - 27	15	11	12	8	10	7	9	6		
28 - 36	13	9	10	7	9	6	8	5		
37 - 45	12	9	10	7	8	6	7	5		

SAPBC		PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000		
ROF	7.9	6.8	5.9	5.1	4.5	3.9	3.3	2.7	2.3	2.0	1.7	1.4	1.3			
Rge	S	S	S	M	M	M	L	L	E	E	E					
H	0.3	0.5	0.7	0.8	0.9	1.0	1.2	1.4	1.8	2.5	3.4	4.4	5.0			
V	15.0	13.3	11.7	10.3	9.0	7.8	6.4	5.4	4.7	4.0	3.3	2.7	2.2			



4 x 12cm/45 Type 10

12

Max ROF 8.0 sh/min		Range 17,500 yds 35.0"		Shell Size/Weight 4.7" 45.0 lbs.	
Fire Control 2 2G2		FC Radar None		AP SAP COM HE	
AA	2.1	Level	V	Ammunition	360 rpg 1440

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	16	10	12	7	9	6	8	5		
10 - 18	12	7	8	5	7	4	6	4		
19 - 27	10	6	7	4	5	3	5	3		
28 - 36	8	5	6	4	5	3	4	2		
37 - 45	7	5	5	3	4	3	4	2		

HE		PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000		
ROF	7.8	6.4	5.3	4.3	3.5	2.9	2.2	1.5								
Rge	S	S	S	M	M	L	E	E								
H	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7								
V	3.6	2.6	1.9	1.5	1.3	1.2	1.1	1.2								

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	2	Catapult	1
E13A-1 Jake		0 1 31	
203 kts	120 kts	28600 ft	

TORPEDOES			
TT	8	Ammo	16
61cm Type 93 M1-2			
Damage Class	A		
Settings			
22,000/48			
35,000/40			
43,700/36			
MINES			
0			

RAPID FIRE BATTERIES

RF1	42	25mm/60 Type 96			
Max Rg	7,440	14.9"	9	7	
Eff Rg	3,348	6.7"	13	10	

RF	5	Port	21	17	12	7	3
		Stbd	21	17	12	7	3

AA	M	Port	85	68	47	28	13
		Stbd	85	68	47	28	13

RF2	None						
Max Rg							
Eff Rg							

RF	0	Port					
		Stbd					

AA							
	Port						
	Stbd						

RF3	None						
Max Rg							
Eff Rg							

RF							
	Port						
	Stbd						

AA							
	Port						
	Stbd						

Coal (ts)	0	Oil (ts)	2000	Radius (nm/kts)	Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	Parsons GT			8000 14	No.13 Type 3 M1		0	Rack	0	
Boilers	12 Kampon				No.22 M4		None	Ammo	0	



Kinugasa

CA JAPAN
0482-0 AOBA Class

1927 to 1937

Displacement
Complement
Sunk 11/14/1942

7,100 ts
625
Length
Beam
Draft
602 ft
52 ft
18.7 ft

Kawasaki, Kobe
Launched
Completed
10/24/1926
09/30/1927



SHIP LOG SHEET

Version 2/18/2009

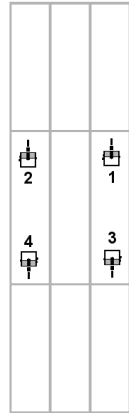


6 x 20cm/50 Type 3 No.1 24

Max ROF		Range		Shell Size/Weight	
4.0 sh/min		29,200 yds 58.4"		7.9" 242.5 lbs.	
Fire Control		FC Radar	+ 0	AP	SAP
2 1G2		None		COM	HE
AA	0.0	Level	S	Ammunition	120 rpg 720

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	21	13	15	10	12	8	10	7		
10 - 18	15	9	11	7	9	5	7	5		
19 - 27	12	8	9	6	7	4	6	4		
28 - 36	10	7	7	5	6	4	5	3		
37 - 45	9	6	7	4	5	3	5	3		

AP PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.9	6.8	5.9	5.1	4.4	3.8	3.1	2.6	2.2	1.8	1.5	1.3		
Rge	S	S	S	S	M	M	M	L	E	E	E	E		
H	0.3	0.5	0.7	0.8	0.9	1.0	1.1	1.5	2.1	3.0	4.1	4.7		
V	14.9	12.9	11.0	9.4	7.9	6.7	5.3	4.5	3.8	3.1	2.5	1.8		



4 x 12cm/45 Type 10 12

Max ROF		Range		Shell Size/Weight	
8.0 sh/min		17,500 yds 35.0"		4.7" 45.0 lbs.	
Fire Control		FC Radar	+ 0	AP	SAP
2 2J2		None		COM	HE
AA	2.1	Level	V	Ammunition	360 rpg 1440

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	15	9	11	7	8	5	7	5		
10 - 18	10	7	7	5	6	4	5	3		
19 - 27	9	5	6	4	5	3	4	3		
28 - 36	7	5	5	3	4	3	4	2		
37 - 45	7	4	5	3	4	2	3	2		

HE PENETRATION TABLE														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.8	6.4	5.3	4.3	3.5	2.9	2.2	1.5						
Rge	S	S	S	M	M	L	E	E						
H	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7						
V	3.6	2.6	1.9	1.5	1.3	1.2	1.1	1.2						

Crew	Sea	BR	Targ Sz	Ops
			1	

Captain _____

AIRCRAFT

Aircraft	1	Catapult	1
E2N-1/2 0 1 19			
93 kts	80 kts		

TORPEDOES

2	1
4	3
6	5
TT 12 Ammo 24	
61cm Type 8 M2	
Damage Class C	
Settings	
11,000/38	
16,400/32	
21,900/27	
MINES	
0	

RAPID FIRE BATTERIES

RF1	None			
Max Rg				
Eff Rg				

RF	Port				
0	Stbd				

AA	Port				
	Stbd				

RF2	None			
Max Rg				
Eff Rg				

RF	Port				
0	Stbd				

AA	Port				
	Stbd				

RF3	None			
Max Rg				
Eff Rg				

RF	Port				
	Stbd				

AA	Port				
	Stbd				

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND	HITS

Coal (ts)	450	Oil (ts)	1800	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	Curtis GT			6000	14	None		0		Rack	0
Boilers	12 Kampon					None		None		Ammo	0



Kinugasa

CA JAPAN

0482-1 AOBA Class

1938 to 1942

Displacement Complement Sunk 11/14/1942

7,100 ts Length 602 ft Kawasaki, Kobe
625 Beam 58 ft Launched 10/24/1926
Draft 18.7 ft Completed 09/30/1927



SHIP LOG SHEET

Version 2/18/2009



6 x 20cm/50 Type 3 No.2

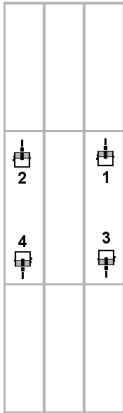
25

Max ROF		Range		Shell Size/Weight	
4.0	sh/min	31,600 yds	63.2"	8.0"	277.4 lbs.
Fire Control		FC Radar		+ 0	
2	1F3	None		None	
AA	0.0	Level	S	Ammunition	120 rpg 720

FIRE CONTROL TABLE

T Kts	Short	Medium	Long	Extreme				
0 - 9	23	16	18	13	15	11	14	10
10 - 18	18	12	14	10	12	8	10	7
19 - 27	15	11	12	8	10	7	9	6
28 - 36	13	9	10	7	9	6	8	5
37 - 45	12	9	10	7	8	6	7	5

SAPBC		PENETRATION TABLE													
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000	
ROF	7.9	6.8	5.9	5.1	4.5	3.9	3.3	2.7	2.3	2.0	1.7	1.4	1.3		
Rge	S	S	S	S	M	M	M	L	L	L	E	E	E		
H	0.3	0.5	0.7	0.8	0.9	1.0	1.2	1.4	1.8	2.5	3.4	4.4	5.0		
V	15.0	13.3	11.7	10.3	9.0	7.8	6.4	5.4	4.7	4.0	3.3	2.7	2.2		



4 x 12cm/45 Type 10

12

Max ROF		Range		Shell Size/Weight	
8.0	sh/min	17,500 yds	35.0"	4.7"	45.0 lbs.
Fire Control		FC Radar		+ 0	
2	2G2	None		None	
AA	2.1	Level	V	Ammunition	360 rpg 1440

FIRE CONTROL TABLE

T Kts	Short	Medium	Long	Extreme				
0 - 9	16	10	12	7	9	6	8	5
10 - 18	12	7	8	5	7	4	6	4
19 - 27	10	6	7	4	5	3	5	3
28 - 36	8	5	6	4	5	3	4	2
37 - 45	7	5	5	3	4	3	4	2

HE		PENETRATION TABLE													
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000	
ROF	7.8	6.4	5.3	4.3	3.5	2.9	2.2	1.5							
Rge	S	S	S	M	M	L	E	E							
H	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7							
V	3.6	2.6	1.9	1.5	1.3	1.2	1.1	1.2							

Crew	Sea	BR	Targ Sz	Ops
			1	

Captain

AIRCRAFT

Aircraft	2	Catapult	1
E7K-2 Alf		1 1 26	
149 kts	100 kts	23160 ft	

TORPEDOES

TT	8	Ammo	16
61cm Type 93 M1-2			
Damage Class	A		
Settings			
22,000/48			
35,000/40			
43,700/36			
MINES			
0			

RAPID FIRE BATTERIES

RF1	8	25mm/60 Type 96			
Max Rg	7,440	14.9"	9	7	
Eff Rg	3,348	6.7"	13	10	

RF	Port	4	3	2	1	1
5	Stbd	4	3	2	1	1
AA	Port	16	13	9	5	2
M	Stbd	16	13	9	5	2

RF2	None					
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					
AA	Port					
	Stbd					

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					
AA	Port					
	Stbd					

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND	HITS

Coal (ts)	0	Oil (ts)	2000	Radius (nm/kts)	Search Radar			ASW MORTARS/ATW			DEPTH CHARGES		
Engines	Curtis GT			8000 14	None			0			Rack 0		
Boilers	12 Kampon				None			None			Ammo 0		

