
Stations Manned and Ready

2nd Edition

Maritime and ASW Aircraft Data Booklet

A and A Game Engineering

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The data in this booklet is intended to be transferred by the player to game record sheets, for use when playing a wargame using the Stations Manned and Ready 2nd Edition Rules.

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STATIONS MANNED AND READY

MARITIME PATROL AND ASW AIRCRAFT BOOKLET

BY ANDREW FINCH AND ALAN BUTLER

EDITION 2.0

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Introductory remark to Edition 2.0

This edition has been introduced because of a few changes in the data. There are a few new aircraft, added at the request of users. The Anti-Submarine aircraft now have a cost attached to the weapons. Finally, the costs for all aircraft have been revised so that the Crew Quality now has an effect on the total cost of the aircraft. The previous calculation did not, and this anomaly came to light while we were processing other data for use with our rules.

How to Use this booklet

The information presented in this booklet is laid out in alphabetical order by Nation.

In each nation, the data is subdivided according to the role of the aircraft, and then the aircraft themselves are listed in alphabetical order of manufacturer.

Aircraft Roles:

The aircraft roles shown in this booklet appear in the following order.

- Floatplane
- Flying Boat
- Reconnaissance, Patrol and Other
- ASW

Aircraft data

Individual aircraft types may come with a variety of different attacks within one role. In this case they are grouped together. Aircraft that have multiple entries show a code letter on the far left in italics. It may be that the other roles appear elsewhere in the data tables.

As this is an extract booklet, you will not necessarily find all the variants.

Each set of data is laid out from the left as follows:

- The variant code
- The date band in which the aircraft was in service.
- The aircraft hit points
- The game speed
- The aircraft defence value when loaded (DVL), or clean, after the aircraft has expended all its payload, (DVC).
- The Air Combat factors (ACF) are then shown. An ACF with a value of 0 can be used in combat. If the ACF is shown as “-” it is not available.

ACF – I shows the Intercept factor and is only available to fighters.

ACF – D1 shows the factor for Dogfight 1 which is used by fighters and also by a fighter-bomber after it has released all its payload.

ACF – D2 shows the factor for Dogfight 2 which is used by loaded fighter-bombers and all other aircraft.

ACF – S shows the Strafing factor which can be used once against a small ship target (type “X”) after which the aircraft must return to base to reload. When the strafing factor has been used the aircraft cannot use an Intercept or Dogfight 1 ACF (both pf which become “-”). If it has a Dogfight 2 value this can be used if in combat with another aircraft.

ACF – A/S shows the anti-shipping gun ACF which can be used once against an unarmoured ship target of types “A%”, “C%” or “X”.

- Payload follows. This shows any attacks that the aircraft can make against a ship or other surface target (usually an air base). The attack type is shown along with any “to hit” modifier, the IP, CV and PEN of the attack where appropriate.

If there are multiple attacks, then the entry starts with ‘n x’.

ASW attacks also show a saving throw modifier for the submarine, and the number of factors (attack dice).

Some aircraft may carry several attacks, each of which appears in a separate row.

- Finally the cost of a single aircraft appears, shown for each of the Crew Quality types. The rules only allow for air crew of quality A to D, but if you wish to make them worse (E) you can.

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Austria-Hungary

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
(The modifiers are copied from the rules)

Flying Boat

Hansa-Brandenburg CC

1917/02 to 1917/12 3 36 9 9 - - 1 0 - Nil 18.2 17.4 16.5 15.7 14.9

Lohner L

a 1915/08 to 1917/05 3 28 7 7 - - 1 - - Nil 11.6 11.1 10.6 10.0 9.5

France

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:

(The modifiers are copied from the rules)

Floatplane

Besson MB-411

1937 to 1941 2 37 9 9 - - - - - Nil 10.0 9.5 9.1 8.6 8.2

Farman (Centre) NC-470

a 1939 to 1943 5 41 9 9 - - 1 - - Nil 31.3 29.9 28.4 27.0 25.6

Gourdou-Leseurre GL.810

1931 to 1943 4 36 9 9 - - 1 0 - Nil 23.0 22.0 20.9 19.9 18.9

Gourdou-Leseurre GL.832Hy

1939 to 1941 3 37 9 9 - - 0 - - Nil 15.0 14.3 13.6 12.9 12.3

Latecoere 29.O

a 1935 to 1940 5 39 8 8 - - 1 0 - Nil 26.6 25.4 24.2 23.0 21.8

Latecoere 298D

a 1939 to 1945 5 46 10 10 - - 1 0 - Nil 38.5 36.8 35.0 33.3 31.5

d 1939 to 1945 5 46 10 10 - - 1 0 - ASW Attack +1 to hit/-1 save with 2 Factors 64.9 62.0 59.0 56.1 53.1

Latecoere 523

a 1938 to 1942 12 44 8 8 - - 1 - - Nil 66.6 63.5 60.5 57.5 54.5

Latecoere 611

a 1942 to 1945 11 50 9 9 - - 2 - - Nil 79.3 75.7 72.1 68.5 64.9

Liore et Olivier H-257bis

a 1937 to 1941 6 41 9 9 - - 1 - - Nil 36.8 35.1 33.5 31.8 30.1

Flying Boat

Breguet 521 Bizerte

a 1938 to 1945 8 42 9 9 - - 1 - - Nil 49.0 46.7 44.5 42.3 40.1

C.A.M.S. 37.2

a 1930 to 1942 4 36 8 8 - - 1 - - Nil 20.5 19.5 18.6 17.7 16.8

C.A.M.S.55.10

a 1930 to 1942 6 40 9 9 - - 1 - - Nil 36.0 34.4 32.7 31.1 29.5

Latecoere 302

a 1936 to 1941 10 42 8 8 - - 1 - - Nil 53.6 51.2 48.7 46.3 43.9

France

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload **Cost With Crew - A: B: C: D: E:**
(The modifiers are copied from the rules)

Flying Boat

Loire 130M																		
<i>a</i>	1936	to	1945	4	40	10	10	-	-	1	-	-	Nil	28.0	26.7	25.5	24.2	22.9
Loire 70																		
<i>a</i>	1936	to	1940	7	41	9	9	-	-	2	-	-	Nil	43.8	41.8	39.9	37.9	35.9

Germany

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
(The modifiers are copied from the rules)

Heavy Bomber

Heinkel He 177A-1/R2

d 1942/03 to 1944 11 61 10 10 - - 2 - - Nil 106.3 101.5 96.6 91.8 87.0

Floatplane

Albatros W.4

1916/09 to 1917/12 3 34 8 8 - - 0 0 - Nil 12.2 11.7 11.1 10.6 10.0

Arado Ar 196A-1

1939 to 1945 5 47 11 11 - - 1 0 - Nil 43.2 41.2 39.3 37.3 35.3

Arado Ar 196A-3

1940 to 1945 5 47 11 11 - - 2 1 - Nil 46.1 44.0 41.9 39.8 37.7

Dornier Do 22

1938 to 1944 5 50 10 10 - - 1 0 - Nil 41.5 39.6 37.7 35.8 34.0

Friedrichshafen FF33A

1915 to 1916 3 29 6 6 - - 0 - - Nil 7.8 7.5 7.1 6.8 6.4

Friedrichshafen FF33B

1915 to 1917 3 29 7 7 - - 0 - - Nil 9.1 8.7 8.3 7.9 7.5

Friedrichshafen FF33E

1915 to 1917 3 29 7 7 - - 0 - - Nil 9.1 8.7 8.3 7.9 7.5

Friedrichshafen FF33J

1917/01 to 1918/11 3 29 7 7 - - 1 0 - Nil 11.9 11.4 10.9 10.3 9.8

Hansa-Brandenburg KDW

1916/09 to 1918/02 3 35 8 8 - - 0 0 - Nil 12.6 12.0 11.5 10.9 10.3

Hansa-Brandenburg W.12

a 1917/04 to 1918/03 3 34 7 7 - - 1 0 - Nil 13.5 12.9 12.3 11.7 11.1

b 1917/04 to 1918/03 3 34 8 8 - - - 0 - Nil 12.2 11.7 11.1 10.6 10.0

Hansa-Brandenburg W.19

1918/01 to 1918/11 3 34 8 8 - - 1 0 - Nil 15.4 14.7 14.0 13.3 12.6

Hansa-Brandenburg W.29

1918/02 to 1918/11 3 36 7 7 - - 1 0 - Nil 14.1 13.5 12.9 12.2 11.6

Germany

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

Floatplane

Hansa-Brandenburg W.33

1918/06 to 1918/11 3 36 8 8 - - 1 0 - Nil 16.2 15.4 14.7 14.0 13.2

Heinkel He 114A-2

1939 to 1943 4 49 12 12 - - 1 0 - Nil 40.1 38.3 36.4 34.6 32.8

Heinkel He 115A-0

1938 to 1944 6 48 10 10 - - 1 - - Nil 47.2 45.1 42.9 40.8 38.6

Heinkel He 115A-3

a 1939/06 to 1944 7 47 9 9 - - 1 - - Nil 51.8 49.4 47.1 44.7 42.4

Heinkel He 115B-1

a 1939/06 to 1944 7 47 9 9 - - 1 - - Nil 48.0 45.8 43.7 41.5 39.3

Heinkel He 115C-1

a 1939/06 to 1944 7 47 9 9 - - 2 0 - Nil 49.5 47.3 45.0 42.8 40.5

Heinkel He 59B-2

1935/06 to 1943 6 40 9 9 - - 1 - - Nil 36.0 34.4 32.7 31.1 29.5

Heinkel He 60C-1

1935 to 1943 5 41 9 9 - - 1 - - Nil 31.3 29.9 28.4 27.0 25.6

Rumpler 6B-I

1916/07 to 1917/10 3 33 8 8 - - 0 0 - Nil 11.9 11.3 10.8 10.3 9.7

Sablatnig SF.5

1917/01 to 1918/02 3 31 7 7 - - 0 0 - Nil 9.8 9.3 8.9 8.4 8.0

Flying Boat

Blohm und Voss Bv 138B-1

a 1940/06 to 1945 9 46 9 9 - - 3 - - Nil 62.1 59.3 56.5 53.7 50.8

Blohm und Voss Bv 138B-1/U1

1940/06 to 1945 9 46 9 9 - - 3 - - ASW Attack +1 to hit/-1 save with 2 Factors 85.9 82.0 78.1 74.2 70.3

Blohm und Voss Bv 138C-1

a 1941 to 1945 9 45 9 9 - - 3 - - Nil 60.9 58.1 55.4 52.6 49.8

Blohm und Voss Bv 138C-1/U1

1941 to 1945 9 45 8 9 - - 3 - - ASW Attack +1 to hit/-1 save with 2 Factors 84.7 80.8 77.0 73.1 69.3

Germany

	Hit Pt:	Spd:	DVL:	DVC:	ACF-I:	D1:	D2:	S:	A/S:	Payload	Cost With Crew -	A:	B:	C:	D:	E:
	(The modifiers are copied from the rules)															
Flying Boat																
Blohm und Voss Bv 222C Wiking																
1942/05 to 1945	15	53	8	8	-	-	4	-	-	Nil	101.8	97.2	92.5	87.9	83.3	
Dornier Do 18D-1																
<i>a</i> 1936 to 1943	7	44	9	9	-	-	1	-	-	Nil	45.2	43.1	41.1	39.0	37.0	
Dornier Do 18G-1																
<i>a</i> 1938/09 to 1943	7	44	9	9	-	-	2	-	-	Nil	46.7	44.5	42.4	40.3	38.2	
Dornier Do 24T-1																
<i>a</i> 1939 to 1945	8	49	10	10	-	-	2	-	-	Nil	64.5	61.5	58.6	55.7	52.7	
Dornier Do 26D																
1938 to 1940	9	49	9	9	-	-	2	-	-	Nil	64.6	61.7	58.8	55.8	52.9	
Hansa-Brandenburg CC																
1917/02 to 1917/12	3	36	8	8	-	-	0	0	-	Nil	13.0	12.4	11.8	11.2	10.6	
Reconnaissance, Patrol and Other																
Focke-Wulf Fw 200C-1																
<i>b</i> 1939/06 to 1944	9	51	10	10	-	-	2	-	-	Nil	74.5	71.1	67.7	64.3	61.0	
Focke-Wulf Fw 200C-3, C3/U1 and C3/U2																
<i>b</i> 1941/06 to 1944	10	51	10	10	-	-	2	-	-	Nil	82.2	78.4	74.7	71.0	67.2	
Focke-Wulf Fw 200C-3/U3 and /U4																
<i>b</i> 1941/06 to 1944	10	51	10	10	-	-	3	-	-	Nil	83.4	79.6	75.8	72.1	68.3	
Focke-Wulf Fw 200C-4																
<i>b</i> 1942 to 1944	10	49	10	10	-	-	3	-	-	Nil	80.4	76.8	73.1	69.5	65.8	
Heinkel He 177A-1/R1 and /R4																
<i>d</i> 1942/03 to 1944	11	61	10	10	-	-	3	-	-	Nil	107.6	102.7	97.8	92.9	88.0	
Heinkel He 177A-3/R2																
<i>b</i> 1943 to 1944	11	61	10	11	-	-	3	-	-	Nil	118.3	113.0	107.6	102.2	96.8	
Junkers Ju 188D-2																
1943/05 to 1945	9	63	11	11	-	-	2	-	-	Nil	99.8	95.2	90.7	86.2	81.6	
Junkers Ju 290A-5																
1943/04 to 1945	14	56	9	9	-	-	4	-	-	Nil	113.0	107.9	102.8	97.6	92.5	

Great Britain

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

Floatplane

Fairey F.17 Campania

a 1917/11 to 1919/08 4 31 7 7 - - 1 - - Nil 15.8 15.1 14.4 13.7 12.9

Fairey Seafox

1937 to 1943 4 38 9 9 - - 1 - - Nil 24.1 23.0 21.9 20.8 19.7

Fairey Seal

a 1933 to 1938 4 40 10 10 - - 1 0 - Nil 28.0 26.7 25.5 24.2 22.9

Fairey Swordfish Mk I (Floatplane)

a 1936/02 to 1945 4 40 10 10 - - 1 0 - Nil 28.0 26.7 25.5 24.2 22.9

b 1936/02 to 1945 4 40 10 10 - - 1 0 - ASW Attack +1 to hit/-1 save with 1 Factor 41.2 39.3 37.5 35.6 33.7

Sopwith Baby

a 1917/01 to 1918/11 2 34 9 9 - - 1 0 - Nil 12.8 12.2 11.6 11.0 10.5

Flying Boat

Blackburn Iris Mk III

a 1930 to 1935 9 37 7 7 - - 1 - - Nil 37.8 36.0 34.3 32.6 30.9

Felixstowe F.2A

a 1917/11 to 1918/11 6 33 7 7 - - 1 - - Nil 23.6 22.5 21.4 20.4 19.3

Saro A.27 London

a 1938 to 1941 6 43 10 10 - - 1 - - Nil 42.7 40.8 38.8 36.9 34.9

c 1938 to 1941 6 43 9 10 - - 1 - - ASW Attack +1 to hit/-1 save with 2 Factors 69.1 66.0 62.8 59.7 56.5

Short S.19 Singapore Mk III

a 1935 to 1945 8 41 9 9 - - 1 - - Nil 47.9 45.7 43.5 41.4 39.2

Short S.25 Sunderland Mk I

a 1938/08 to 1945 10 49 9 9 - - 2 - - Nil 71.2 68.0 64.8 61.5 58.3

c 1938/08 to 1940 10 49 9 9 - - 2 - - ASW Attack +1 to hit/-1 save with 3 Factors 106.9 102.0 97.2 92.3 87.4

d 1941 to 1942 10 49 9 9 - - 2 - - ASW Attack +1 to hit/-1 save with 4 Factors 118.8 113.4 108.0 102.6 97.2

e 1943 to 1945 10 49 9 9 - - 2 - - ASW Attack +2 to hit/-1 save with 4 Factors 123.1 117.5 111.9 106.3 100.7

Short S.25 Sunderland Mk II/III

a 1941/08 to 1945 10 49 9 9 - - 2 - - Nil 71.2 68.0 64.8 61.5 58.3

c 1941/08 to 1942 10 49 9 9 - - 2 - - ASW Attack +1 to hit/-1 save with 4 Factors 118.8 113.4 108.0 102.6 97.2

d 1943 to 1945 10 49 9 9 - - 2 - - ASW Attack +2 to hit/-1 save with 4 Factors 123.1 117.5 111.9 106.3 100.7

Great Britain

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

Flying Boat

Short S.25 Sunderland Mk V

<i>a</i>	1943	to	1945	11	50	9	9	-	-	2	0	-	Nil	79.3	75.7	72.1	68.5	64.9
<i>c</i>	1943	to	1945	11	50	9	9	-	-	2	0	-	ASW Attack +2 to hit/-1 save with 4 Factors	131.2	125.2	119.3	113.3	107.3

Supermarine Walrus I

<i>a</i>	1936	to	1945	4	40	10	10	-	-	1	-	-	Nil	28.0	26.7	25.5	24.2	22.9
<i>b</i>	1936	to	1945	4	40	9	10	-	-	1	-	-	ASW Attack +1 to hit/-1 save with 2 Factors	54.4	51.9	49.5	47.0	44.5

Supermarine Walrus II

<i>a</i>	1940	to	1945	4	40	10	10	-	-	1	-	-	Nil	28.0	26.7	25.5	24.2	22.9
<i>b</i>	1940	to	1945	4	40	9	10	-	-	1	-	-	ASW Attack +1 to hit/-1 save with 2 Factors	54.4	51.9	49.5	47.0	44.5

Reconnaissance, Patrol and Other

Armstrong Whitworth A.W.38 Whitley B.Mk VII

<i>a</i>	1941	to	1942	8	50	9	9	-	-	1	-	-	Nil	57.6	55.0	52.4	49.7	47.1
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Armstrong Whitworth Atlas

<i>a</i>	1927	to	1935	3	41	10	10	-	-	1	0	-	Nil	22.4	21.4	20.4	19.4	18.4
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Avro 652A Anson GR.Mk I

<i>a</i>	1936/01	to	1942	4	47	10	10	-	-	1	0	-	Nil	32.2	30.7	29.3	27.8	26.3
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Avro Bison Mk II

	1923	to	1929	4	36	8	8	-	-	1	-	-	Nil	20.5	19.5	18.6	17.7	16.8
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Blackburn Ripon Mk IIF

	1929/08	to	1938	4	40	10	10	-	-	1	0	-	Nil	28.0	26.7	25.5	24.2	22.9
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Boeing Fortress GR.Mk II

<i>a</i>	1942/08	to	1945	11	61	10	10	-	-	3	-	-	Nil	107.6	102.7	97.8	92.9	88.0
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Consolidated Liberator GR.Mk VI

<i>a</i>	1943/08	to	1945	11	59	10	10	-	-	3	-	-	Nil	104.3	99.5	94.8	90.1	85.3
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Fairey III D

	1924	to	1930	4	35	9	9	-	-	1	-	-	Nil	22.5	21.5	20.5	19.4	18.4
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Hawker Hardy Mk I

	1934/10	to	1941	3	43	11	11	-	-	1	0	-	Nil	25.7	24.5	23.4	22.2	21.0
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Great Britain

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:

(The modifiers are copied from the rules)

Reconnaissance, Patrol and Other

Lockheed A-29 Hudson Mk I/II

b 1941 to 1944 6 51 11 11 - - 1 0 - Nil 54.9 52.4 49.9 47.4 44.9

Lockheed A-29 Hudson Mk IV

b 1941 to 1944 7 54 11 11 - - 2 0 - Nil 68.6 65.5 62.4 59.2 56.1

Lockheed A-29A Hudson Mk III

b 1941/03 to 1944 6 51 11 11 - - 2 0 - Nil 56.7 54.1 51.6 49.0 46.4

Lockheed Ventura Mk I

b 1942/10 to 1945 8 59 10 10 - - 2 0 - Nil 76.5 73.0 69.5 66.0 62.6

Lockheed Ventura Mk II/Mk III

b 1942/10 to 1945 8 59 10 10 - - 3 0 - Nil 77.7 74.2 70.7 67.1 63.6

Vickers 271 Wellington GR.Mk XI

d 1943 to 1945 8 52 10 10 - - - - - Nil 62.4 59.6 56.7 53.9 51.1

ASW

Armstrong Whitworth A.W.38 Whitley B.Mk VII

c 1941 to 1942 8 50 9 9 - - 1 - - ASW Attack +1 to hit/-1 save with 3 Factors 93.2 89.0 84.8 80.5 76.3

d 1941 to 1942 8 50 9 9 - - 1 - - ASW Attack +1 to hit/-1 save with 4 Factors 105.1 100.3 95.6 90.8 86.0

Blackburn Ripon Mk IIA

b 1929 to 1936 4 38 9 9 - - 1 0 - ASW Attack +1 to hit/-1 save with 1 Factor 36.0 34.4 32.7 31.1 29.5

Boeing Fortress GR.Mk II

b 1942/08 to 1942 11 61 10 10 - - 3 - - ASW Attack +1 to hit/-1 save with 4 Factors 160.4 153.1 145.8 138.5 131.2

c 1943 to 1945 11 61 10 10 - - 3 - - ASW Attack +2 to hit/-1 save with 4 Factors 165.2 157.7 150.2 142.7 135.1

Consolidated Liberator GR.Mk VI

d 1943/08 to 1943 11 59 9 10 - - 3 - - ASW Attack +2 to hit/-1 save with 2 Factors 133.1 127.0 121.0 114.9 108.9

Fairey Albacore Mk I

f 1940/03 to 1942 5 43 10 10 - - 1 0 - ASW Attack +1 to hit/-1 save with 3 Factors 75.8 72.4 69.0 65.5 62.1

g 1943 to 1944 5 43 10 10 - - 1 0 - ASW Attack +2 to hit/-1 save with 3 Factors 79.4 75.8 72.2 68.6 65.0

Fairey Barracuda Mk I

e 1942/02 to 1942 6 56 11 11 - - 1 - - ASW Attack +1 to hit/-1 save with 2 Factors 88.9 84.8 80.8 76.8 72.7

f 1943 to 1945 6 56 11 11 - - 1 - - ASW Attack +2 to hit/-1 save with 2 Factors 91.5 87.4 83.2 79.0 74.9

Great Britain

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

ASW

Fairey Barracuda Mk II

d 1943/01 to 1945 6 56 11 12 - - 1 - - ASW Attack +2 to hit/-1 save with 2 Factors 99.8 95.3 90.8 86.2 81.7

Fairey Barracuda Mk III

d 1944 to 1945 6 56 11 12 - - 1 - - ASW Attack +2 to hit/-1 save with 2 Factors 99.8 95.3 90.8 86.2 81.7

Fairey Swordfish Mk II

h 1943 to 1945 4 40 11 11 - - 1 0 - ASW Attack +2 to hit/-1 save with 1 Factor 46.6 44.5 42.4 40.3 38.2

Lockheed A-29 Hudson Mk I/II

c 1941 to 1942 6 51 11 11 - - 1 0 - ASW Attack +1 to hit/-1 save with 2 Factors 83.9 80.1 76.3 72.5 68.7

d 1943 to 1944 6 51 11 11 - - 1 0 - ASW Attack +2 to hit/-1 save with 2 Factors 86.6 82.6 78.7 74.8 70.8

Lockheed A-29 Hudson Mk IV

c 1941 to 1942 7 54 11 11 - - 2 0 - ASW Attack +1 to hit/-1 save with 2 Factors 97.6 93.2 88.8 84.3 79.9

d 1943 to 1944 7 54 11 11 - - 2 0 - ASW Attack +2 to hit/-1 save with 2 Factors 100.3 95.7 91.2 86.6 82.0

Lockheed A-29A Hudson Mk III

c 1941/03 to 1942 6 51 11 11 - - 2 0 - ASW Attack +1 to hit/-1 save with 2 Factors 85.8 81.9 78.0 74.1 70.2

d 1943 to 1944 6 51 11 11 - - 2 0 - ASW Attack +2 to hit/-1 save with 2 Factors 88.4 84.4 80.4 76.3 72.3

Lockheed Ventura Mk I

c 1943 to 1945 8 59 10 10 - - 2 0 - ASW Attack +2 to hit/-1 save with 1 Factor 90.9 86.7 82.6 78.5 74.3

Lockheed Ventura Mk II/Mk III

c 1943 to 1945 8 59 10 10 - - 3 0 - ASW Attack +2 to hit/-1 save with 1 Factor 92.1 87.9 83.8 79.6 75.4

Italy

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload **Cost With Crew - A: B: C: D: E:**
(The modifiers are copied from the rules)

Floatplane

CANT Z.506B Serie I

a 1937/12 to 1945 8 52 9 9 - - 1 - - Nil 59.8 57.0 54.3 51.6 48.9

CANT Z.506B Serie XII

a 1940 to 1945 8 52 9 9 - - 1 - - Nil 59.8 57.0 54.3 51.6 48.9

Fiat R.S.14

a 1938 to 1945 6 53 10 10 - - 1 - - Nil 51.7 49.4 47.0 44.7 42.3

c 1938 to 1945 6 53 10 10 - - 1 - - ASW Attack +1 to hit/-1 save with 1 Factor 64.9 62.0 59.0 56.1 53.1

I.M.A.M. Ro 43

1936 to 1943 4 47 11 11 - - 1 0 - Nil 35.4 33.8 32.2 30.6 29.0

Flying Boat

CANT Z.501 Gabbiano

a 1936 to 1945 5 45 9 9 - - 1 - - Nil 34.0 32.4 30.9 29.3 27.8

Macchi M.41 bis

a 1929 to 1939 3 43 10 10 - - 1 0 - Nil 23.3 22.3 21.2 20.2 19.1

Macchi M.5

1917/10 to 1918/11 3 37 9 9 - - 1 0 - Nil 18.6 17.7 16.9 16.1 15.2

Reconnaissance, Patrol and Other

Caproni Ca.111bis RC

1934 to 1942 5 47 9 9 - - 1 - - Nil 35.3 33.7 32.1 30.5 28.9

Japan

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload
Cost With Crew - A: B: C: D: E:

(The modifiers are copied from the rules)

Floatplane

Aichi E13A1 "Jake"

a 1941/10 to 1945 4 52 12 12 - - 0 - - Nil 37.4 35.7 34.0 32.3 30.6

c 1941/10 to 1945 4 52 11 12 - - 0 - - ASW Attack +1 to hit/-1 save with 2 Factors 37.4 35.7 34.0 32.3 30.6

Aichi E16A1 Zui-Un "Paul"

a 1943/08 to 1945 5 56 13 13 - - 2 0 - Nil 62.0 59.1 56.3 53.5 50.7

Aichi M6A1 Seiran

a 1945 to 1945 5 59 13 13 - - 1 - - Nil 62.7 59.9 57.0 54.2 51.3

Kawanishi E7K1 "Alf"

1934 to 1943 4 42 10 10 - - 1 0 - Nil 29.2 27.9 26.5 25.2 23.9

Kawanishi E7K2 "Alf"

1934 to 1943 4 45 11 11 - - 1 0 - Nil 34.1 32.6 31.0 29.5 27.9

Mitsubishi F1M1 "Pete"

1939 to 1945 4 52 12 12 - - 1 0 - Nil 42.2 40.3 38.4 36.5 34.6

Mitsubishi F1M2 "Pete"

1939 to 1945 4 52 13 13 - - 1 0 - Nil 45.8 43.7 41.6 39.5 37.4

Nakajima E8N1 "Dave"

1935 to 1942 3 47 12 12 - - 1 0 - Nil 30.2 28.8 27.4 26.1 24.7

Nakajima E8N2 "Dave"

1935 to 1942 3 47 13 13 - - 1 0 - Nil 32.7 31.2 29.7 28.2 26.8

Watanabe E9W1 "Slim"

1937 to 1942 3 41 11 11 - - 0 - - Nil 20.3 19.4 18.5 17.5 16.6

Yokosuka E14Y1 "Glen"

1939 to 1945 3 42 10 10 - - - - - Nil 18.9 18.0 17.2 16.3 15.5

Flying Boat

Aichi E11A1 "Laura"

1939 to 1942 4 40 10 10 - - 0 - - Nil 24.0 22.9 21.8 20.7 19.6

Kawanishi H6K2 "Mavis"

a 1938/01 to 1943 9 50 10 10 - - 1 - - Nil 71.5 68.3 65.0 61.8 58.5

Japan

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

Flying Boat

Kawanishi H6K4 "Mavis"

a 1940 to 1943 9 50 10 10 - - 2 - - Nil 73.2 69.8 66.5 63.2 59.9

Kawanishi H6K5 "Mavis"

a 1941 to 1943 10 53 10 10 - - 2 - - Nil 85.2 81.3 77.4 73.5 69.7

Kawanishi H8K1 "Emily"

a 1941/12 to 1945 11 56 10 10 - - 2 - - Nil 98.1 93.6 89.1 84.7 80.2

g 1941/12 to 1945 11 56 10 10 - - 2 - - ASW Attack +1 to hit/-1 save with 4 Factors 98.1 93.6 89.1 84.7 80.2

Kawanishi H8K2 "Emily"

a 1942/04 to 1945 12 58 10 10 - - 4 - - Nil 112.4 107.3 102.2 97.1 92.0

f 1942/04 to 1945 12 58 10 10 - - 4 - - ASW Attack +1 to hit/-1 save with 4 Factors 165.2 157.7 150.2 142.7 135.2

Yokosuka H5Y1 "Cherry"

a 1939 to 1942 7 47 9 9 - - 1 - - Nil 48.0 45.8 43.7 41.5 39.3

Reconnaissance, Patrol and Other

Kawasaki Type 88 (KDA-2)

1928 to 1937 5 39 8 8 - - 1 0 - Nil 26.6 25.4 24.2 23.0 21.8

Mitsubishi Ki.46-II "Dinah"

1940 to 1943 5 66 15 15 - - 1 - - Nil 80.2 76.6 73.0 69.3 65.7

Nakajima J1N1-C "Irving"

1942 to 1944 6 61 13 13 - - 1 - - Nil 76.6 73.1 69.6 66.1 62.6

ASW

Kyushu Q1W1 Tokai "Lorna"

1943/09 to 1945 5 48 11 11 - - 2 0 - ASW Attack +1 to hit/-1 save with 1 Factor 60.3 57.6 54.9 52.1 49.4

Jugoslavia

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload **Cost With Crew - A: B: C: D: E:**
(The modifiers are copied from the rules)

Floatplane

Rogozarski SIM-XII-H

1940	to	1943	4	42	9	9	-	-	1	0	-	Nil	26.3	25.1	23.9	22.7	21.5
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Netherlands

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
(The modifiers are copied from the rules)

Floatplane

Fokker C.XI-W

1938 to 1942 4 45 12 12 - - 1 0 - Nil 37.2 35.5 33.8 32.1 30.4

Fokker T.IV a

1935 to 1942 6 43 9 9 - - 1 - - Nil 38.4 36.7 34.9 33.2 31.4

Fokker T.VIII-W/G

a 1940 to 1942 5 45 10 10 - - 1 0 - Nil 37.7 36.0 34.3 32.6 30.9

Norway

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload **Cost With Crew - A: B: C: D: E:**
(The modifiers are copied from the rules)

Floatplane

Hover M.F.11

1933	to	1944	4	41	10	10	-	-	1	0	-	Nil	28.6	27.3	26.0	24.7	23.4
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Russia

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload **Cost With Crew - A: B: C: D: E:**
(The modifiers are copied from the rules)

Floatplane

Beriev Be-1 (KOR-1)

1934 to 1941 4 42 11 11 - - 1 0 - Nil 32.1 30.7 29.2 27.7 26.3

Beriev Be-2 (KOR-2)

1939 to 1942 4 47 13 13 - - 1 0 - Nil 41.9 40.0 38.1 36.2 34.2

Flying Boat

Beriev MBR-2bis

a 1935 to 1945 4 42 10 10 - - 1 - - Nil 29.2 27.9 26.5 25.2 23.9

b 1935 to 1945 4 42 10 10 - - 1 - - ASW Attack +1 to hit/-1 save with 1 Factor 42.4 40.5 38.5 36.6 34.7

Chetverikov MDR-6A

a 1938 to 1945 6 56 13 13 - - 1 - - Nil 70.7 67.5 64.3 61.1 57.9

d 1938 to 1945 6 56 12 13 - - 1 - - ASW Attack +1 to hit/-1 save with 1 Factor 87.9 83.9 79.9 75.9 71.9

United States

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:
 (The modifiers are copied from the rules)

Floatplane

Curtiss H.12

a 1917/01 to 1918/11 5 32 8 8 - - 1 - - Nil 22.4 21.4 20.4 19.3 18.3

Curtiss SO3C-1 Seamew

a 1942 to 1944 4 44 10 10 - - 1 0 - Nil 30.4 29.0 27.6 26.3 24.9

b 1942 to 1944 4 44 10 10 - - 1 0 - ASW Attack +1 to hit/-1 save with 1 Factor 43.6 41.6 39.6 37.7 35.7

Curtiss SO3C-2 Seamew

a 1942 to 1944 4 44 10 10 - - 1 0 - Nil 30.4 29.0 27.6 26.3 24.9

Curtiss SOC-1 Seagull

a 1935 to 1944 4 44 11 11 - - 1 0 - Nil 33.4 31.9 30.4 28.9 27.4

Curtiss SOC-3 Seagull

1936 to 1945 4 44 11 11 - - 1 0 - Nil 33.4 31.9 30.4 28.9 27.4

Grumman J2F-6 Duck

a 1941 to 1945 4 47 12 12 - - - - - Nil 33.8 32.3 30.8 29.2 27.7

b 1941 to 1945 4 47 11 12 - - - - - ASW Attack +1 to hit/-1 save with 1 Factor 49.7 47.4 45.2 42.9 40.6

Loening OL-9

1927 to 1933 4 38 9 9 - - - - - Nil 20.5 19.6 18.7 17.7 16.8

Vought O2U-1 Corsair

1927 to 1932 3 42 10 10 - - 1 0 - Nil 22.9 21.9 20.8 19.8 18.7

Vought OS2U-1 Kingfisher

a 1940/08 to 1945 4 44 10 10 - - 1 0 - Nil 30.4 29.0 27.6 26.3 24.9

b 1940/08 to 1945 4 44 9 10 - - 1 0 - ASW Attack +1 to hit/-1 save with 1 Factor 43.6 41.6 39.6 37.7 35.7

Flying Boat

Consolidated P2Y Model 22

1932/12 to 1940 7 42 9 9 - - 2 - - Nil 44.8 42.7 40.7 38.7 36.6

Consolidated PB2Y-3 Coronado

a 1941 to 1945 12 51 9 9 - - 3 - - Nil 88.9 84.8 80.8 76.7 72.7

c 1941 to 1942 12 51 9 9 - - 3 - - ASW Attack +1 to hit/-1 save with 2 Factors 112.6 107.5 102.4 97.3 92.1

d 1942 to 1942 12 51 9 9 - - 3 - - ASW Attack +1 to hit/-1 save with 3 Factors 124.5 118.8 113.2 107.5 101.9

e 1943 to 1945 12 51 9 9 - - 3 - - ASW Attack +2 to hit/-1 save with 3 Factors 127.7 121.9 116.1 110.3 104.5

United States

Hit Pt: Spd: DVL: DVC: ACF-I: D1: D2: S: A/S: Payload Cost With Crew - A: B: C: D: E:

(The modifiers are copied from the rules)

Flying Boat

Consolidated PBY-2 to PBY-5A Catalina

<i>a</i>	1936/11 to 1945	8	48	9	9	-	-	2	-	-	Nil	56.9	54.3	51.8	49.2	46.6
<i>c</i>	1936/11 to 1942	8	48	9	9	-	-	2	-	-	ASW Attack +1 to hit/-1 save with 2 Factors	80.7	77.0	73.4	69.7	66.0
<i>d</i>	1943 to 1945	8	48	9	9	-	-	2	-	-	ASW Attack +2 to hit/-1 save with 2 Factors	82.9	79.1	75.3	71.6	67.8

Martin PBM-3D Mariner

<i>a</i>	1942 to 1945	11	50	9	9	-	-	3	-	-	Nil	80.5	76.8	73.2	69.5	65.9
<i>c</i>	1942 to 1942	11	50	8	9	-	-	3	-	-	ASW Attack +1 to hit/-1 save with 3 Factors	116.1	110.8	105.6	100.3	95.0
<i>d</i>	1942 to 1942	11	50	8	9	-	-	3	-	-	ASW Attack +1 to hit/-1 save with 4 Factors	128.0	122.2	116.4	110.6	104.7
<i>e</i>	1943 to 1945	11	50	8	9	-	-	3	-	-	ASW Attack +2 to hit/-1 save with 4 Factors	132.3	126.3	120.3	114.3	108.3

Reconnaissance, Patrol and Other

Curtiss O1-E Falcon

	1926 to 1941	3	41	10	10	-	-	1	0	-	Nil	22.4	21.4	20.4	19.4	18.4
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Curtiss O1-G Falcon

	1926 to 1941	3	46	10	10	-	-	1	0	-	Nil	24.7	23.6	22.5	21.3	20.2
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Douglas B-18A

<i>a</i>	1937 to 1943	8	51	9	9	-	-	1	-	-	Nil	58.7	56.0	53.3	50.7	48.0
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Lockheed PV-1 Ventura

<i>e</i>	1942/10 to 1945	8	59	10	10	-	-	2	0	-	Nil	76.5	73.0	69.5	66.0	62.6
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Lockheed PV-2 Harpoon

<i>d</i>	1942/10 to 1945	8	59	10	10	-	-	3	1	-	Nil	78.7	75.1	71.6	68.0	64.4
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ASW

Grumman TBM-3 Avenger

<i>d</i>	1943/02 to 1945	6	54	11	11	-	-	2	0	-	ASW Attack +2 to hit/-1 save with 2 Factors	91.4	87.2	83.1	78.9	74.8
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Lockheed PV-1 Ventura

<i>f</i>	1943 to 1945	8	59	10	10	-	-	2	0	-	ASW Attack +2 to hit/-1 save with 1 Factor	90.9	86.7	82.6	78.5	74.3
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Lockheed PV-2 Harpoon

<i>e</i>	1943 to 1945	8	59	10	10	-	-	3	1	-	ASW Attack +2 to hit/-1 save with 2 Factors	107.5	102.6	97.8	92.9	88.0
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