

Kawanishi H6K4 "Mavis"

A/C Type: Modified Type 97 m23 Flying Boat
 Engine(s): Four Mitsubishi Kinsei 46, (No F.I.)
 Eng. Pwr: 930 - 1070 HP, Radial Air Cooled
 A/C Crew: Two pilots, navigator / bomb-aimer (FG),
 engineer, radioman, four to six gunners.

Max Speed: 207 MPH at 13,100 Feet
 Max Ceiling: 22,700 / 17,500 / 12,200 Feet

Defense Factor: 6 Size Modifier: +2
 Damage Factor: 22 / 32 Endurance: (notes)
 Cockpit View: Fair Blind Area: None

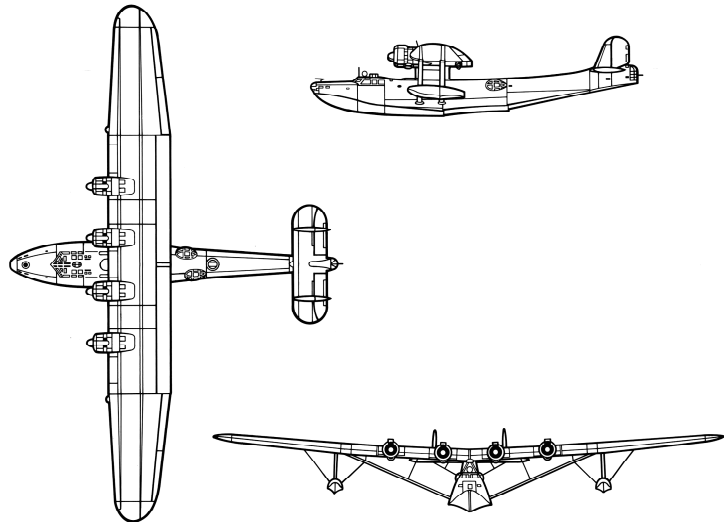
Protection: Cockpit +1 Fuel (var.) Engine +0

Climb Decel / Dive Accel: 2.0 / 1.0
 Weight and Load Limit: 3,800 / 8 - 16

Wpn. Stations	Weight	Allowed Loads
1, 2	1,900	Torpedo, Bombs

Country: Japan

Service Entry Date: December 1942



Class: HT

Victory Points: 8 - 16

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT (2)	Min. HT (3)	Min. BT	Min. ET	Altitude		Average Rate of Climb
Levels	Band								Band	Levels	
31 - 36	VH	—	—	—	—	—	—	—	VH	31 - 36	—
25 - 30	HI	—	—	—	—	—	—	—	HI	25 - 30	—
19 - 24	MH	2.0	3.5	5.0	2.5	4.0	—	—	MH	19 - 24	400
13 - 18	ML	2.0	3.5	5.5	2.5	3.5	—	—	ML	13 - 18	800
7 - 12	LO	1.5	4.0	5.5	2.0	3.0	—	—	LO	7 - 12	1,000
1 - 6	VL	1.5	4.0	5.0	2.0	3.0	—	—	VL	1 - 6	1,100

FIRE POWER CHART

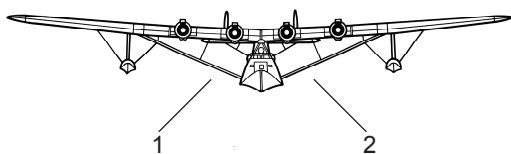
Guns	Type Weapons	Ammo	Criticals
FG1	One 7.7mm Type 92	(6x5)*	4
FG2	One 7.7mm Type 92	(6x5)*	4
FG3	One 7.7mm Type 92	(6x5)*	4
RG	One 20mm Type 99m1	(6x3)*	2
LG	One 20mm Type 99m1	(6x3)*	2
DG	One 7.7mm Type 92	(8x5)*	4
VG	One 7.7mm Type 92	(6x5)*	4
TG	One 20mm Type 99m1	(6x3)*	2

*See Chapter 10 for gun reloading rules.

GUN ATTACK FACTORS

Range	FGs	LG	RG	DG	VG	TG
0	3	9	9	3	3	9
1	2	7	7	2	2	7
2	2	5	5	2	2	5
3	1	3	3	1	1	3
4	1	2	2	1	1	2
5	1	1	1	1	1	1
6	—	—	—	—	—	—

WEAPON STATIONS



POWER VERSUS SPEED CHART (per engine)

Levels	Band	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0 +	Band
25 - 30	HI	—	—	—	—	HI
19 - 24	MH	0.50	—	—	—	MH
13 - 18	ML	0.75	—	—	—	ML
7 - 12	LO	1.00	—	—	—	LO
1 - 6	VL	1.00	—	—	—	VL
Banking FPs:		3	5	8	—	
Side Slip FPs:		4	6	9	—	

NOTES & VARIANTS

H6K4 model 23 Combat Upgrade: This ADC is only for the field modified H6K4s of the 851st Naval Air Group operating in the South Pacific. After a spate of heavy losses in the latter half of 1942, this air group (on their own) added armor, extra guns and fuel protection to their A/C although at a slight cost in performance. D10 ≤ 3, minus 1 per month after December 1942 to have, else use standard Model 23 (separate ADC). Stations 1 and 2 may each carry up to one 1,900 lb. torpedo, or one 1,100, two 550, or six 132 lb. bombs. HT rates, if used, risk overstress. Max Endurance = 1,600. Fuel protection and fuel load varies as indicated below:

Range	Endurance	Fuel Prot.	Load
Normal	≤ 800	+1	0
Extended	≤ 1,200	-0	9
Long	≤ 1,600	-1	17

Fuel Load: For each 50 minutes or less of endurance over 820, add 1 point of load due to weight of fuel carried. This is in addition to any external stores load points.

DEFENSIVE GUN ARCS

FG1: 09 - 03, 10+ to 4-.
FG2: 10 - 11, 3+ to 2-.
RG: 03 - 05, 4+ to 3-.
VG: 05 - 07, AC-1 to 6-.
DG: (09) - (03), 3+ to 6+.

FG3: 01 - 02, 3+ to 2-.
LG: 07 - 09, 4+ to 3-.
TG: (03) - (09), 10+ to 6-.
DG: 03 - 09, 6+ to 2-.