

Dornier Do 217M-1

Country: Germany

Service Entry Date: September 1942

A/C Type: Twin Engine Medium Bomber
 Engine(s): Two Daimler-Benz DB 603A
 Eng. Pwr: 1750-1850 HP, Liquid Cooled
 A/C Crew: Pilot, bombardier (FG gunner),
 turret gunner, radioman-gunner

Maximum Speed: 348 MPH at 18,700
 Maximum Ceiling: 32,300 / 24,200 / 19,500 Feet

Defense Factor: 6 Size Modifier: +1
 Damage Factor: 20 / 30 Endurance: 360
 Cockpit View: Fair Blind Area: None

Protection: Cockpit +1 Fuel +2 Engines +0

Climb Decel / Dive Accel: 2.0 / 1.0
 Weight and Load Limit: 8,800 / 6 - 18

Wpn. Stations Weight Allowed Loads

Bomb bays 1, 2 2,750 Bombs, Aux. Fuel
 3, 4 2,200 Bomb

Class: M

Victory Points: 9 - 18

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT (5)	Min. HT (6)	Min. BT	Min. ET	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37 - 42	EH	—	—	—	—	—	—	—	EH	37 - 42	—
31 - 36	VH	3.0	5.5	8.5	5.0	6.5	—	—	VH	31 - 36	300
25 - 30	HI	3.0	6.0	8.5	4.5	6.0	—	—	HI	25 - 30	500
19 - 24	MH	2.5	6.5	9.0	4.0	5.5	—	—	MH	19 - 24	800
13 - 18	ML	2.5	7.0	9.0	3.5	5.0	—	—	ML	13 - 18	1,000
7 - 12	LO	2.5	6.5	8.5	3.0	4.5	—	—	LO	7 - 12	1,200
1 - 6	VL	2.0	5.5	8.0	3.0	4.0	—	—	VL	1 - 6	1,400

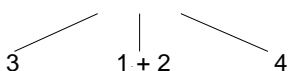
DEFENSIVE FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
FG	One 7.9mm MG-81Z	6	4
RG, LG	One 7.9mm MG-81J	8	4
DG	One 13mm MG-131	18	3
VG	One 13mm MG-131	33	3

GUN ATTACK FACTORS

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

WEAPON STATIONS DIAGRAM



POWER VERSUS SPEED CHART (per engine)

Levels	Band	1.0 - 4.5	5.0 - 7.5	8.0 - 9.5	10.0 +	Band
43+	UH	—	—	—	—	UH
37 - 42	EH	—	—	—	—	EH
31 - 36	VH	1	0.5	—	—	VH
25 - 30	HI	1	0.5	—	—	HI
19 - 24	MH	2.0	1	—	—	MH
13 - 18	ML	2.5	1.5	—	—	ML
7 - 12	LO	2.5	1.5	—	—	LO
1 - 6	VL	2.5	1.5	—	—	VL
Banking FPs:		3	4	6	8	
Side Slip FPs:		3	5	7	10	

DEFENSIVE GUN COVERAGE:

FG: Front, low to high.
 DG: Rear +30, level to high except 6:00 line is high only.
 RG: Right rear -30, level to high.*
 LG: Left rear -30, level to high.*
 VG: Rear, low only.*
 *Radioman may fire either RG, LG, or VG in a turn.

NOTES AND VARIANTS:

- **All Do 217s:** If attacked from front arc, cockpit prot. = +0. Bomb bays may carry fuel instead of bombs (+70 endurance each).
- **Bomb bays:** Each bay may hold 4 x 550lb., 2 x 1,100lb., or one 2,200lb. bomb. Stations 3 & 4 may carry one bomb of up to 2,200lbs.
- FG may be replaced by an MG-131. Firepower(range 0 to 7)= 5, 4, 3, 2, 1, 1, 1, —. Ammo= 8, Criticals= 3.