

# Z.501 "Gabbiano"

A/C Type: Flying Boat Reconnaissance Bomber  
 Engine(s): One Asso XI RC.15  
 Eng. Pwr: 900 HP, Liquid Cooled  
 A/C Crew: Pilot, Copilot, 2 gunners,  
 Engineer

Maximum Speed: 180 MPH at 7000  
 Maximum Ceiling: 13000

Defense Factor: 5      Size Modifier: +0  
 Damage Factor: 9/13      Endurance: 800  
 Cockpit View: Good      Blind Area: None

Protection: Cockpit +0 Fuel +0 Engine +0

Climb Decel / Dive Accel: 2.0/1.0

Weight and Load Limit: 1400/4-NA

Wpn Stations	Weight	Allowed Loads
1,2	700	Bombs

Country: Italy

Service Entry Date: 1935

Class: L

Victory Points: 3-7

## AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(1)	Min. HT(2)	Min. BT	Min. ET	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37-42	EH	—	—	—	—	—	—	—	EH	37-42	—
31-36	VH	—	—	—	—	—	—	—	VH	31-36	—
25-30	HI	—	—	—	—	—	—	—	HI	25-30	—
19-24	MH	—	—	—	—	—	—	—	MH	19-24	—
13-18	ML	1.5	3.0	5.5	2.0	2.5	—	—	ML	13-18	100
7-12	LO	1.5	3.5	5.5	2.0	2.5	—	—	LO	7-12	400
1-6	VL	1.0	3.5	5.0	1.5	2.5	—	—	VL	1-6	900

## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
FG	One 7.7mm MG	17	4
RG1	One 7.7mm MG	17	4
RG2	One 7.7mm MG	17	4

## GUN ATTACK FACTORS

Range	FG	RG1	RG2
0	4	4	4
1	3	3	3
2	2	2	2
3	1	1	1
4	1	1	1
5	1	1	1
6	—	—	—
7	—	—	—

## WEAPONS STATIONS DIAGRAM

## POWER VERSUS SPEED CHART

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	—	—	—	—	VH
25-30	HI	—	—	—	—	HI
19-24	MH	—	—	—	—	MH
13-18	ML	1	—	—	—	ML
7-12	LO	3	—	—	—	LO
1-6	VL	4(3)	—	—	—	VL
Banking FPs:		3	6	—	—	
Side Slip FPs:		2	5	—	—	

## DEFENSIVE GUN COVERAGE

RG1: Rear +30 level to high; 6:00 high+  
 RG2: Rear +30 level to high (Engineer)  
 FG: Front +30 level to high

## NOTES AND VARIANTS

Each station can carry 1 250kg bomb, or two 160 kg, 100 kg, or 50kg  
 Flaps do not reduce minimum speed below 1.0.  
 Early Z.501s had 2 blade prop: reduce VL power to 3.  
 Some later models omitted the front defensive gun.