

Cant Z.501 Gabbiano

Country: Italy

Service Entry Date: March, 1936

A/C Type: Recon Flying Boat
 Engine(s): One Isotta-Fraschini Asso XI R2
 Eng. Pwr: 900-hp, liquid-cooled, Non-F.I.
 A/C Crew: Pilot, 3 gunners

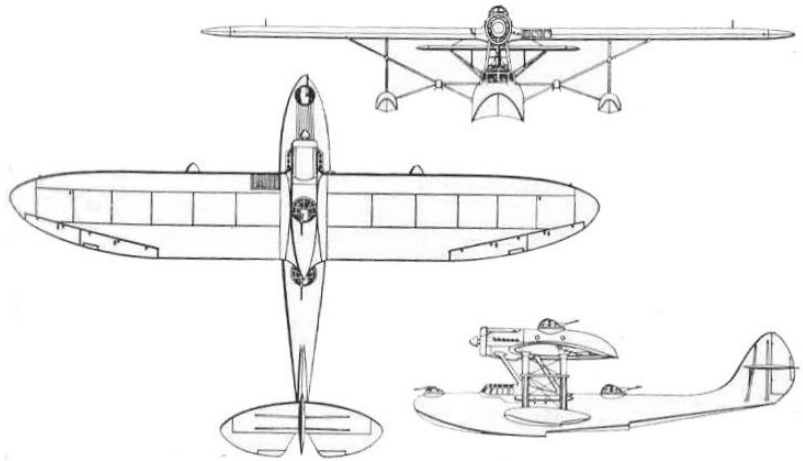
Maximum Speed: 171 mph at 8,200 ft
 Maximum Ceiling: 22,900 / 18,500 / 13,000 ft.
 Defense factor: 6 Size Modifier: 1
 Damage Factor: 10/15 Endurance: 360
 Cockpit View: Good Blind Area: Rear,low

Protection: Cockpit +0 Fuel +0 Engine +0

Climb Dece/ Dive Accel: 2.0 / 1.0

Weight and Load Limit: 1300 / 5-9

Wpn Stations	Weight	Allowed Loads
1,2	1250 lb	1x 250 kg bomb or 2x 150 kg bomb or 2 x 100 kg bomb



Class: M

Victory Points: 4-6

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	Bands								Levels	Bands	
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	--	--	--	--	--	--	--	31-36	VH	--
25-30	HI	--	--	--	--	--	--	--	25-30	HI	--
19-24	MH	2.0	3.0	6.0	2.5	4.0	--	--	19-24	MH	400
13-18	ML	1.5	3.0	6.0	2.5	3.5	--	--	13-18	ML	700
7-12	LO	1.5	3.5	6.0	2.0	3.0	--	--	7-12	LO	900
1-6	VL	1.5	3.0	5.0	2.0	2.5	--	--	1-6	VL	1,000

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
FG	One 7.9mm Breda Safat	18	4
TT	One 7.9mm Breda Safat	18	4
RT	One 7.9mm Breda Safat	18	4

GUN ATTACK FACTORS

Rng	FG	TT	RT
0	3	3	3
1	2	2	2
2	1	1	1
3	1	1	1
4	1	1	1
5	1	1	1
6	--	--	--
7	--	--	--

WEAPON STATION LOCATION



1 2

POWER VERSUS SPEED CHART

		(per engine)				
Levels	Bands	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	2	--	--	--	MH
13-18	ML	2	--	--	--	ML
7-12	LO	3	--	--	--	LO
1-6	VL	3	--	--	--	VL
Banking FPs		2	3	--	--	
Side Slip FPs		3	4	--	--	

NOTES AND VARIANTS

Defensive Gunnery Arcs

FG: Front + 30, Level to high. Removed by 1940.

TT: All level to high

RT: Rear+ 60, level to high. 6:00 line high only.

Cant Z.501 Gabbiano: Available 1935. Slow, but reliable. Used for aerial survey, air-sea rescue, and patrol. Used as a bomber only in a pinch; its slow speed and weak defensive armament made it an easy target. Wooden construction. Equipped 26 squadrons in 1941. 450 built.

Cant Z.506B XII Airone

Country: Italy

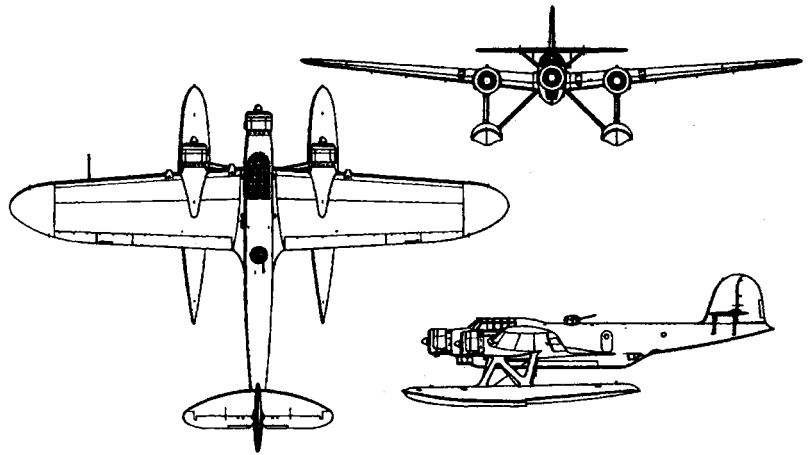
Service Entry Date: 1938

A/C Type: Maritime Recon Bomber Seaplane
 Engine(s): Three Alfa-Romeo 126 RC 34
 Eng. Pwr: 2250-hp, liquid-cooled, Non-F.I.
 A/C Crew: Pilot, Bombadier, Gunner

Maximum Speed: 230 mph at 13,100 ft
 Maximum Ceiling: 21,325 / 16,700 / 12,000 ft.
 Defense factor: 6 Size Modifier: +0
 Damage Factor: 11/17 Endurance: 230
 Cockpit View: Fair Blind Area: Rear Low

Protection: Cockpit +0 Fuel +0 Engine +0
 Climb Dece/ Dive Accel: 2.0 / 1.0
 Weight and Load Limit: 2645 / 6-9

Wpn Stations	Weight	Allowed Loads
1 (bombbay)	2645 lb	16x15 or 20 kg BB 9x50 or 100 kg BB 4x165kg+3x50 kg 2x250kg +3x50 kg 2x500kg or 1 Torp



Class: M

Victory Points: 4-6

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum	Maximum	Maximum	Min	Min	Min	Min	Altitude		Average
Levels	Bands	Speed	Speed	Dive Spd	TT(3)	HT(4)	BT(-)	ET(-)	Levels	Bands	Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	--	--	--	--	--	--	--	31-36	VH	--
25-30	HI	--	--	--	--	--	--	--	25-30	HI	--
19-24	MH	2.0	4.0	7.0	2.5	3.5	--	--	19-24	MH	300
13-18	ML	2.0	4.5	7.5	2.5	3.0	--	--	13-18	ML	600
7-12	LO	1.5	4.5	7.0	2.0	3.0	--	--	7-12	LO	800
1-6	VL	1.5	4.0	6.0	2.0	2.5	--	--	1-6	VL	800

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
LG	One 7.9mm Breda SAFAT	12	4
RG	One 7.9mm Breda SAFAT	12	4
VG	One 7.9mm Breda SAFAT	12	4
TT	One 12.7mm Scotti MG	6	3

GUN ATTACK FACTORS

Rng	LG	RG	VG	TT
0	3	3	3	5
1	2	2	2	3
2	1	1	1	2
3	1	1	1	1
4	1	1	1	1
5	1	1	1	1
6	--	--	--	1
7	--	--	--	--

WEAPON STATION LOCATION



1

POWER VERSUS SPEED CHART

		(per engine)				
Levels	Bands	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	0.5	--	--	--	MH
13-18	ML	0.5	--	--	--	ML
7-12	LO	0.75	--	--	--	LO
1-6	VL	0.75	--	--	--	VL
Banking FPs		2	3	5	--	
Side Slip FPs		2	4	6	--	

NOTES AND VARIANTS

Defensive Gunnery Arcs

LG: Left, Left Rear, level. **RG:** Right, Right Rear, level.
VG: Rear, Low. **TT:** All, level to high. 6:00 line high only.

Cant Z.506B seriesXII: Available 1938. Large sea plane introduced at the beginning of the Spanish Civil War and used through WW2. 96 in service in Jun-40. Used as a bomber in 1940-1, then as maritime recon, convoy escort, and anti-sub patrols. Extremely gentle handling characteristics. Could take off in Force 4 wind, and land in Force 5. Survivors used until 1950. 300 built.

Cant Z.506S: Unarmed Air-Sea rescue version.

Fiat RS.14C

Country: Italy

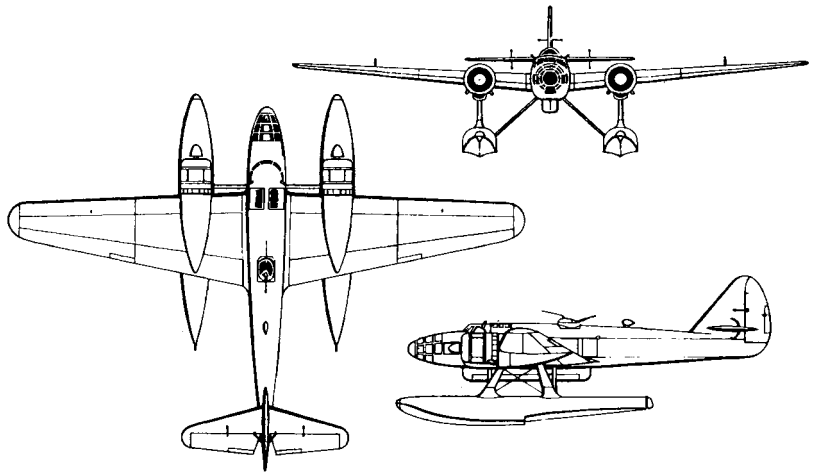
Service Entry Date: March, 1942

A/C Type: Maritime Recon Bomber Seaplane
 Engine(s): Two Fiat A.74 RC.38 radial
 Eng. Pwr: 1740-hp, air-cooled, No FI
 A/C Crew: Pilot, CoPilot, Observer/Bombardier,
 Radio Op/Gunner, Gunner

Maximum Speed: 245 mph at 13,120 ft
 Maximum Ceiling: 20,600 / 15,800 / 11,000 ft.
 Defense factor: 6 Size Modifier: +0
 Damage Factor: 12/18 Endurance: 290
 Cockpit View: Fair Blind Area: None

Protection: Cockpit +0 Fuel +0 Engine +0
 Climb Dece/ Dive Accel: 2.0 / 1.0
 Weight and Load Limit: 880 / 4-6

Wpn Stations	Weight	Allowed Loads
1	880	2x 165 kg BB / DC 4x 100 kg BB 6x 40 or 50 kg BB



Class: M

Victory Points: 3-5

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum	Maximum	Maximum	Min	Min	Min	Min	Altitude		Average
Levels	Bands	Speed	Speed	Dive Spd	TT(2)	HT(3)	BT(-)	ET(-)	Levels	Bands	Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	--	--	--	--	--	--	--	31-36	VH	--
25-30	HI	--	--	--	--	--	--	--	25-30	HI	--
19-24	MH	2.0	4.0	7.5	3.0	4.5	--	--	19-24	MH	300
13-18	ML	1.5	4.5	7.5	3.0	4.0	--	--	13-18	ML	600
7-12	LO	1.5	4.5	7.0	2.5	3.5	--	--	7-12	LO	900
1-6	VL	1.5	4.0	6.0	2.5	3.0	--	--	1-6	VL	1,100

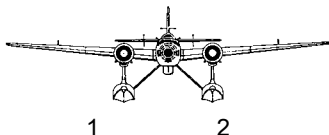
FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
LG	One 7.9mm Breda SAFAT	12	4
RG	One 7.9mm Breda SAFAT	12	4
TT	One 12.7mm Scotti MG	6	3

GUN ATTACK FACTORS

Range	LG	RG	TT
0	3	3	5
1	2	2	3
2	1	1	2
3	1	1	1
4	1	1	1
5	1	1	1
6	--	--	1
7	--	--	--

WEAPON STATION LOCATION



POWER VERSUS SPEED CHART

		(per engine)				
Levels	Bands	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	1.0	--	--	--	MH
13-18	ML	1.0	--	--	--	ML
7-12	LO	1.5	--	--	--	LO
1-6	VL	1.5	--	--	--	VL
Banking FPs		2	3	5	--	
Side Slip FPs		3	4	6	--	

NOTES AND VARIANTS

Defensive Gunnery Arcs

LG: Left Rear to 9:00 line, level.

RG: Right Rear to 3:00 line, level.

TT: All, level to high. 6:00 line high only.

Fiat RS-14C: Available Jun-42. Maritime recon seaplane used throughout the Med for recon, and anti-ship duties. Very-well regarded aircraft. 150 built.

Fiat RS-14B: Available Jun-41. Similar to RS-14C; 24 built.

Caproni Ca.316

Country: Italy

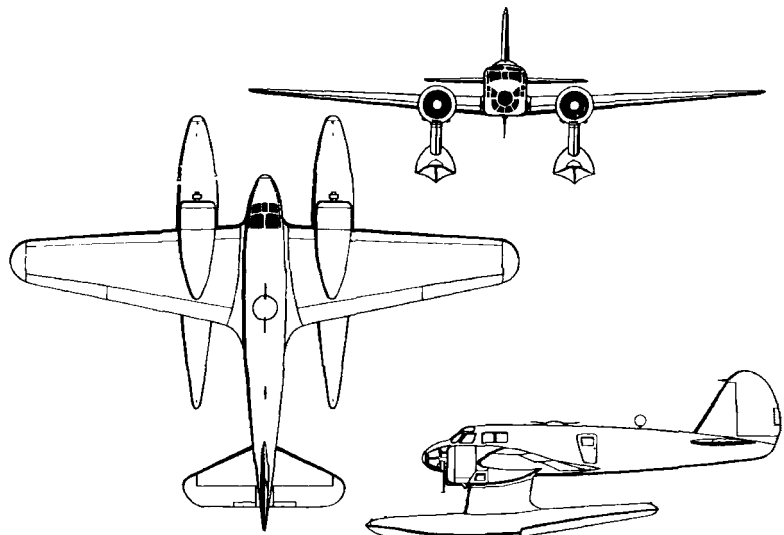
Service Entry Date: 1940

A/C Type: Patrol Seaplane
 Engine(s): Two piaggio P.VII C.16 7-cyl radial
 Eng. Pwr: 920-hp, air-cooled, Non-F.I.
 A/C Crew: Pilot, Gunner, observer

Maximum Speed: 205 mph at 4,900 ft
 Maximum Ceiling: 19,685 ft.
 Defense factor: 5 Size Modifier: +0
 Damage Factor: 10/15 Endurance: 150
 Cockpit View: Fair Blind Area: Rear, Low

Protection: Cockpit +0 Fuel +0 Engine +0
 Climb Dece/ Dive Accel: 3.0 / 1.0
 Weight and Load Limit: 880 / 3-6

Wpn Stations	Weight	Allowed Loads
1 (bombbay)	880 lbs	400 kg bombs



Class: L

Victory Points: 4-6

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum	Maximum	Maximum	Min	Min	Min	Min	Altitude		Average
Levels	Bands	Speed	Speed	Dive Spd	TT(3)	HT(4)	BT(-)	ET(-)	Levels	Bands	Rate of Climb
43+	UH	--	--	--	--	--	--	--	43+	UH	--
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	--	--	--	--	--	--	--	31-36	VH	--
25-30	HI	--	--	--	--	--	--	--	25-30	HI	--
19-24	MH	2.0	3.0	7.0	4.0	4.5	5.0	5.6	19-24	MH	200
13-18	ML	1.5	3.5	7.0	2.5	3.5	4.5	5.0	13-18	ML	500
7-12	LO	1.5	4.0	6.5	2.0	3.0	4.0	4.5	7-12	LO	900
1-6	VL	1.5	4.0	6.0	2.0	3.0	3.5	4.0	1-6	VL	1,200

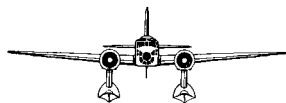
FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
W1	One 12.7mm Breda Safat	11	3
TT	One 7.7mm Breda Safat	10	4

GUN ATTACK FACTORS

Range	W1	DG
0	7	3
1	4	2
2	3	1
3	2	1
4	1	1
5	1	1
6	--	--
7	--	--

WEAPON STATION LOCATION



1

POWER VERSUS SPEED CHART

		(per engines)				
Levels	Bands	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	1.0	--	--	--	MH
13-18	ML	1.0	--	--	--	ML
7-12	LO	1.5	--	--	--	LO
1-6	VL	1.5	--	--	--	VL
Banking FPs		2	3	5	--	
Side Slip FPs		3	4	6	--	

NOTES AND VARIANTS

Defensive Gun Arcs

DG: All, level to high; 6:00 high only.

Ca.316: Prototype for a seaplane version of the Ca.300 family of light bombers. Tested and accepted, but never allocated enough production priority to rate a facility. 1 built.