

Macchi MC 200 "Saetta"

A/C Type: Short range day fighter
 Engine(s): One Fiat A.74 RC.38
 Eng. Pwr: 870 HP, Radial Air Cooled
 A/C Crew: Pilot

Maximum Speed: 318 MPH at 16000
 Maximum Ceiling: 28700

Defense Factor: 5 Size Modifier: +0
 Damage Factor: 7/11 Endurance: 75
 Cockpit View: Fair Blind Area: Rear

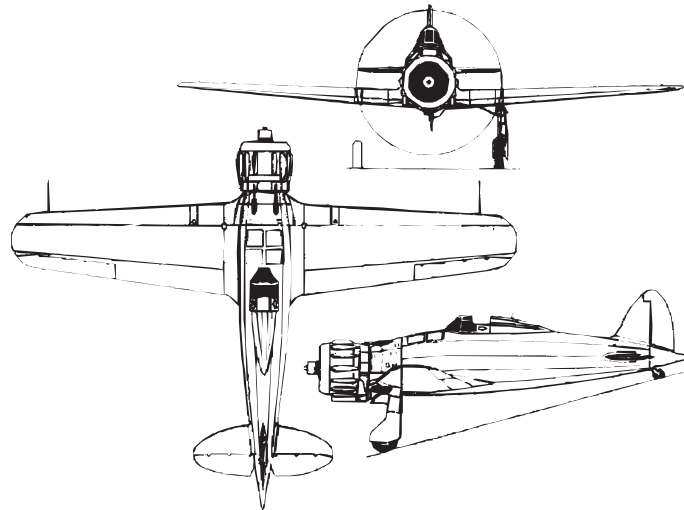
Protection: Cockpit +1 Fuel +1 Engine +0

Climb Decel / Dive Accel: 3.0/1.0
 Weight and Load Limit: 1050/2-5

Wpn Stations	Weight	Allowed Loads
1, 3	350	Bombs
2	350	Fuel Tank

Country: Italy

Service Entry Date: 1940



Class: F

Victory Points: 3-7

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(2)	Min. HT(3)	Min. BT(3)	Min. ET(4)	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	2.5	5.5	10.0	3.5	4.5	5.5	6.5	HI	25-30	900
19-24	MH	2.0	6.0	10.5	3.0	4.5	5.0	6.0	MH	19-24	1,800
13-18	ML	2.0	6.0	10.5	2.5	4.0	4.5	5.5	ML	13-18	2,400
7-12	LO	2.0	6.0	10.0	2.5	3.5	4.0	5.0	LO	7-12	2,700
1-6	VL	1.5	5.5	9.0	2.5	3.0	4.0	4.5	VL	1-6	3,000

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	Two 12.7mm Breda S	16	3
W1	One 7.7mm Breda S	19	4
W1	One 7.7mm Breda S	19	4

GUN ATTACK FACTORS

Range	N1	W1	W1	(Total)
0	13	4	4	13/21
1	10	3	3	10/16
2	8	2	2	8/12
3	6	1	1	6/8
4	4	1	1	4/6
5	3	1	1	3/5
6	2	—	—	2/2
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	2/-	1/-	—	—	HI
19-24	MH	4/5	2/3	—	—	MH
13-18	ML	5/6	3/4	—	—	ML
7-12	LO	6/7	4/5	—	—	LO
1-6	VL	6/7	4/5	—	—	VL
Banking FPs:		1	2	3	5	
Side Slip FPs:		2	3	5	7	

NOTES AND VARIANTS

Open cockpit.

Stations 1 and 3 can carry four 15 kg bombs or one larger bomb.

MC.200 Serie I: Early model with enclosed cockpit and reduced ammunition (N1 ammo = 14). Delete W1&W2.

MC.200 Serie II-XX: 1940-1941 models with no wing guns (delete W1&W2).

MC.200 Serie XXI: July, 1941 model with wing guns (add W1&W2).

Fuel tank data: weight 340, +40 endurance, load 2.0/1.5.

160kg bomb: weight 350, load 2.0.

Macchi MC 202 "Folgore"

A/C Type: Short range day fighter
 Engine(s): One DB601A
 Eng. Pwr: 1050-1175 HP, Liquid Cooled
 A/C Crew: Pilot

Maximum Speed: 372 MPH at 18000
 Maximum Ceiling: 37700

Defense Factor: 5 Size Modifier: +0
 Damage Factor: 8/12 Endurance: 90
 Cockpit View: Fair Blind Area: Rear

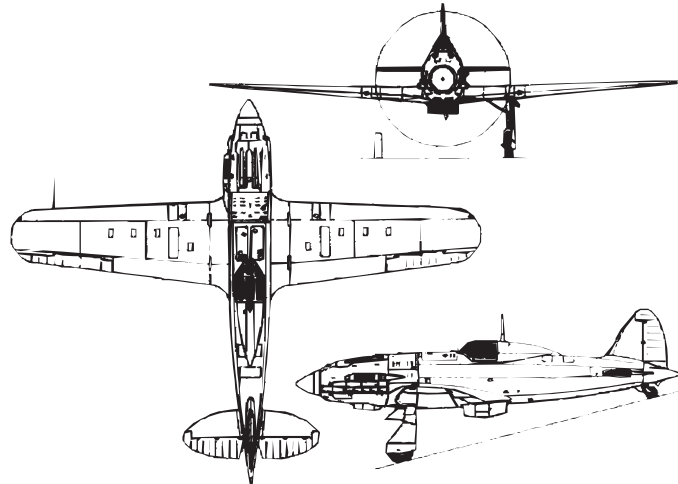
Protection: Cockpit +2 Fuel +2 Engine +0

Climb Decel / Dive Accel: 3.0/1.0
 Weight and Load Limit: 700/2-5

Wpn Stations	Weight	Allowed Loads
1	350	Bomb, Fuel Tank
2	350	Bomb, Fuel Tank

Country: Italy

Service Entry Date: Nov. 1941



Class: F

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(3)	Min. HT(4)	Min. BT(5)	Min. ET(6)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37-42	EH	3.5	6.5	10.5	5.0	7.0	8.5	9.5	EH	37-42	300
31-36	VH	3.0	6.5	10.5	4.5	6.0	7.5	8.5	VH	31-36	800
25-30	HI	2.5	7.0	11.0	4.0	5.5	6.5	7.5	HI	25-30	1,300
19-24	MH	2.5	7.5	11.0	3.5	5.0	6.0	7.0	MH	19-24	2,100
13-18	ML	2.5	7.5	11.0	3.0	4.5	5.5	6.5	ML	13-18	2,900
7-12	LO	2.0	7.0	10.5	3.0	4.0	5.0	5.5	LO	7-12	3,300
1-6	VL	2.0	6.5	9.5	2.5	3.5	4.5	5.0	VL	1-6	3,700

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	Two 12.7mm MG	14	3
W1	One 7.7mm Breda S	19	4
W1	One 7.7mm Breda S	19	4

GUN ATTACK FACTORS

Range	N1	W1	W1	(Total)
0	13	4	4	21
1	10	3	3	16
2	8	2	2	12
3	6	1	1	8
4	4	1	1	6
5	3	1	1	5
6	2	—	—	2
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	1/-	1/-	—	—	EH
31-36	VH	2/-	1/-	—	—	VH
25-30	HI	4/-	2/-	—	—	HI
19-24	MH	6/7	3/4	—	—	MH
13-18	ML	7/8	5/6	—	—	ML
7-12	LO	7/8	5/6	—	—	LO
1-6	VL	7/8	5/6	—	—	VL
Banking FPs:		1	2	3	5	
Side Slip FPs:		3	4	6	7	

NOTES AND VARIANTS

Later models had wing cannon. W1&W2 = 20mm MG-151.
 Ammo = 6, Crit = 2, firepower 26/20/13/9/6/4/3/-
 total 65/50/34/24/16/11/8/-. Subtract 1 from power
 and 200 from ROC.

Fuel tank data: weight 340, +30 endurance, load 2.0/1.5.
 160kg bomb: weight 350, load 2.0.

Macchi MC 205V "Veltro"

A/C Type: Medium Altitude Day Fighter
 Engine(s): One Daimler-Benz DB 605A
 Eng. Pwr: 1355-1475 HP, Liquid Cooled
 A/C Crew: Pilot

Maximum Speed: 399 MPH at 24000
 Maximum Ceiling: 37200

Defense Factor: 5 Size Modifier: +0
 Damage Factor: 8/12 Endurance: 115
 Cockpit View: Fair Blind Area: Rear

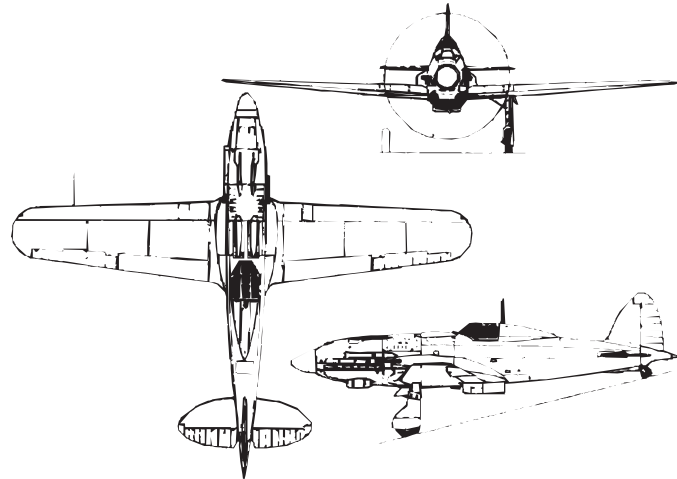
Protection: Cockpit +2 Fuel +2 Engine +0

Climb Decel / Dive Accel: 3.0/1.0
 Weight and Load Limit: 700/2-5

Wpn Stations	Weight	Allowed Loads
1	350	Bomb, Fuel Tank
2	350	Bomb, Fuel Tank

Country: Italy

Service Entry Date: July 1943



Class: F

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(3)	Min. HT(4)	Min. BT(5)	Min. ET(6)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37-42	EH	3.5	6.5	10.5	5.0	7.5	9.0	10.5	EH	37-42	200
31-36	VH	3.5	7.0	10.5	4.5	6.5	8.0	9.5	VH	31-36	800
25-30	HI	3.0	7.5	11.0	4.0	6.0	7.0	8.0	HI	25-30	1,800
19-24	MH	2.5	8.0	11.0	3.5	5.5	6.5	7.5	MH	19-24	2,800
13-18	ML	2.5	7.5	11.0	3.5	5.0	6.0	6.5	ML	13-18	3,300
7-12	LO	2.0	7.5	10.5	3.0	4.5	5.5	6.0	LO	7-12	3,700
1-6	VL	2.0	7.0	10.0	3.0	4.0	5.0	5.5	VL	1-6	4,100

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	Two 12.7mm MG	14	3
W1	One 20mm MG-151	6	2
W2	One 20mm MG-151	6	2

GUN ATTACK FACTORS

Range	N1	W1	W2	(Total)
0	13	26	26	65
1	10	20	20	50
2	8	13	13	34
3	6	9	9	24
4	4	6	6	16
5	3	4	4	11
6	2	3	3	8
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	1/-	1/-	—	—	EH
31-36	VH	3/-	2/-	—	—	VH
25-30	HI	5/-	3/-	—	—	HI
19-24	MH	7/8	4/5	2/3	—	MH
13-18	ML	8/9	5/6	—	—	ML
7-12	LO	8/9	5/6	—	—	LO
1-6	VL	8/9	5/6	—	—	VL
Banking FPs:		1	2	3	5	
Side Slip FPs:		2	3	5	7	

NOTES AND VARIANTS

MC 205V: Some early models had light machine guns in place of cannon. Delete W2. W1 = Two 7.7mm MG, Ammo = 18, Crit = 4, firepower 4/3/2/1/1/1/-/- (each). Total 21/16/12/8/6/5/2/-.
 Add 200 to ROC.

Fuel tank data: weight 340, +25 endurance, load 2.0/1.5.
 160kg bomb: weight 350, load 2.0.