

## Fiat CR.32

A/C Type: Biplane Fighter  
 Engine(s): One Fiat A.30 R.A. bis  
 Eng. Pwr: 600 HP, Liquid Cooled  
 A/C Crew: Pilot

Maximum Speed: 221 MPH at 10000  
 Maximum Ceiling: 28900

Defense Factor: 5      Size Modifier: +0  
 Damage Factor: 6/9      Endurance: 150  
 Cockpit View: Good      Blind Area: Rear Low

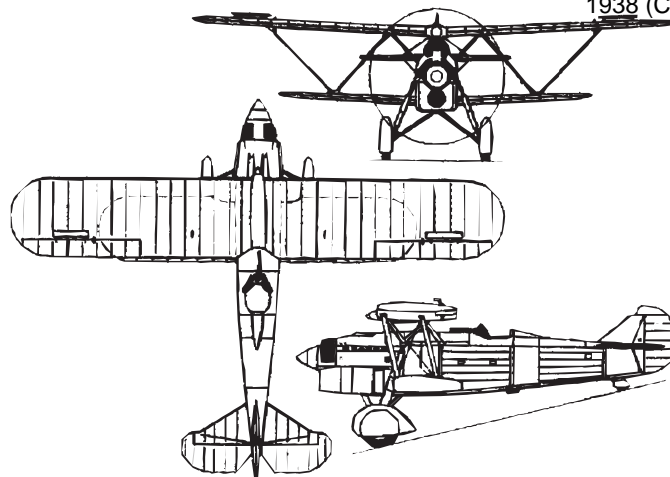
Protection: Cockpit +0 Fuel +0 Engine +0

Climb Decel / Dive Accel: 2.0/1.0  
 Weight and Load Limit: 220/2-NA

Wpn Stations	Weight	Allowed Loads
1	220	1x 100kg or 2x 50kg bombs

Country: Italy

Service Entry Date: 1935 (CR.32)  
 1936 (CR.32bis), 1937 (CR.32ter)  
 1938 (CR.32quater)



Class: F

Victory Points: 3-5

### AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(1)	Min. HT(2)	Min. BT(2)	Min. ET(3)	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	2.0	3.5	8.0	2.5	3.5	4.5	5.0	HI	25-30	300
19-24	MH	1.5	4.0	8.0	2.5	3.5	4.0	4.5	MH	19-24	600
13-18	ML	1.5	4.0	8.0	2.0	3.0	3.5	4.0	ML	13-18	1,000
7-12	LO	1.5	4.5(4.0)	7.5	2.0	2.5	3.0	4.0	LO	7-12	1,600
1-6	VL	1.0	4.0	7.0	1.5	2.5	3.0	3.5	VL	1-6	2,100

### FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	One 12.7mm Breda S	15	3
N2	One 12.7mm Breda S	15	3
W1	One 7.7mm Breda MG	13	4
W2	One 7.7mm Breda MG	13	4

### GUN ATTACK FACTORS

Range	N1	N2	W1	W2	(Total)
0	7	7	4	4	14/22
1	5	5	3	3	10/16
2	4	4	2	2	8/12
3	3	3	1	1	6/8
4	2	2	1	1	4/6
5	1	1	1	1	2/4
6	1	1	—	—	2/2
7	—	—	—	—	—

Simple gunsight

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

### NOTES AND VARIANTS

**All CR.32s:** Fixed gear. No flaps. Open cockpit. -2 to stall/spin rolls.

**CR.32:** Initial model with no weapon station or wing guns. End=120. Use total to left of slash.

**CR.32bis, CR.32ter:** Add weapon W1/2. Use total to right of slash. Use speed in (). ROC - 200.

**CR.32quater:** Delete W1/2. Use total to left of slash. **Chirri:** Spanish built CR.32quater.

Gun attack values updated per JD's CR.42

# Fiat G.50 "Freccia"

A/C Type: Fighter  
 Engine(s): One Fiat A.74 RC.38  
 Eng. Pwr: 840 HP, Radial Air Cooled  
 A/C Crew: Pilot

Maximum Speed: 294 MPH at 20000  
 Maximum Ceiling: 34000

Defense Factor: 5      Size Modifier: +0  
 Damage Factor: 7/11      Endurance: 100  
 Cockpit View: Fair      Blind Area: Rear

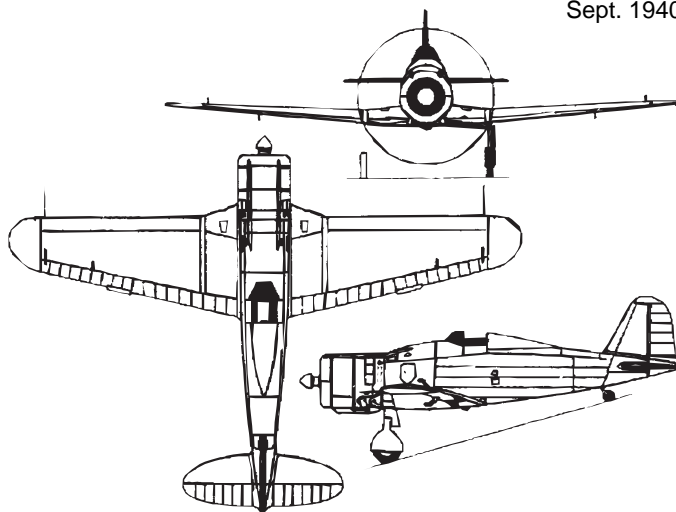
Protection: Cockpit +0 Fuel +0 Engine +0

Climb Decel / Dive Accel: 3.0/1.0  
 Weight and Load Limit: 110/2-NA

Wpn Stations      Weight      Allowed Loads  
 Bomb Bay 1      110      Bombs

Country: Italy

Service Entry Date: 1939 (G.50)  
 Sept. 1940 (G.50bis)



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	2.5	5.0	10.0	3.5	5.0	6.0	7.0	VH	31-36	400
25-30	HI	2.0	5.5	10.0	3.0	4.5	5.5	6.0	HI	25-30	1,000
19-24	MH	2.0	6.0	10.5	3.0	4.0	5.0	5.5	MH	19-24	1,700
13-18	ML	2.0	5.5	10.0	2.5	3.5	4.5	5.0	ML	13-18	2,000
7-12	LO	1.5	5.0	9.5	2.5	3.5	4.0	4.5	LO	7-12	2,200
1-6	VL	1.5	4.5	8.5	2.0	3.0	3.5	4.0	VL	1-6	2,600

## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
<b>N1</b>	One 12.7mm Breda S	13	3
<b>N2</b>	One 12.7mm Breda S	13	3

## GUN ATTACK FACTORS

Range	N1	N2	(Total)
0	7	7	14
1	5	5	10
2	4	4	8
3	3	3	6
4	2	2	4
5	1	1	2
6	1	1	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	2/-	1/-	—	—	VH
25-30	HI	3/-	2/-	—	—	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:		2	2	4	7	
Side Slip FPs:		3	4	6	8	

## NOTES AND VARIANTS

**All G.50s:** Bomb bay may carry up to 50 1 kg AP or incendiary bombs.

**G.50:** 12 sent to Spain in 1938. 20 Gruppo sent to Belgium Fall '40. 35 sent to Finland; arrived after Winter War to equip LeLV 26 until 1944.

**G.50bis:** September, 1940 model. Sent to Greece with 2 Gruppo, Oct '40. Also served in N. Africa. Fuel and cockpit protection +1. Endurance 150. Semi-open cockpit; view = Good. Ceiling 32500. Subtract 100 from ROC.

Gun attack values updated per JDW's CR.42.

Max level speeds & roc adjusted per Finn documentation.

# Fiat G.55 "Centauro"

A/C Type: Interceptor/day fighter  
 Engine(s): One DB605A  
 Eng. Pwr: 1200-1475 HP, Liquid Cooled  
 A/C Crew: Pilot

Maximum Speed: 388 MPH at 24000  
 Maximum Ceiling: 40700

Defense Factor: 5      Size Modifier: +0  
 Damage Factor: 10/15      Endurance: 180  
 Cockpit View: Fair      Blind Area: Rear

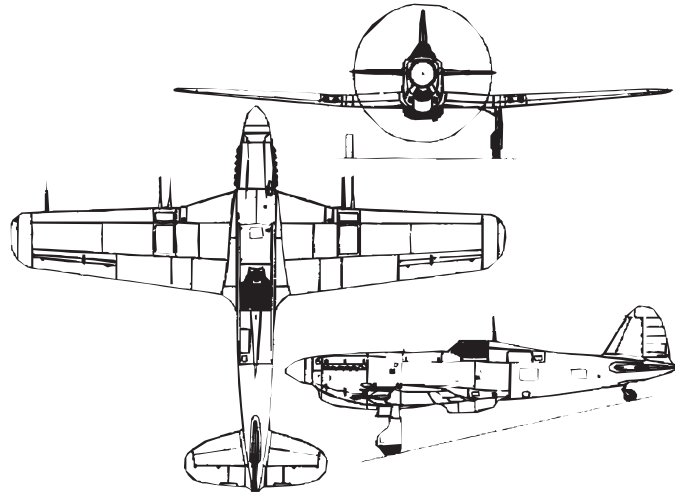
Protection: Cockpit +2 Fuel +2 Engine +0

Climb Decel / Dive Accel: 3.0/1.0  
 Weight and Load Limit: 2000/3-7

Wpn Stations	Weight	Allowed Loads
1	1000	Bomb
2	1000	Bomb

Country: Italy

Service Entry Date: May 1943



Class: F

## AIRCRAFT PERFORMANCE CHART

Altitude Levels	Band	Minimum Speed	Maximum Speed	Maximum Dive Spd.	Min. TT(2)	Min. HT(3)	Min. BT(4)	Min. ET(5)	Altitude Band	Levels	Average Rate Of Climb
43+	UH	—	—	—	—	—	—	—	UH	43+	—
37-42	EH	3.5	7.0	10.5	5.0	7.0	8.5	10.0	EH	37-42	700
31-36	VH	3.0	7.5	11.0	4.5	6.5	7.5	9.0	VH	31-36	1,200
25-30	HI	3.0	7.5	11.0	4.0	5.5	6.5	8.0	HI	25-30	1,900
19-24	MH	2.5	7.5	11.5	3.5	5.0	6.0	7.0	MH	19-24	2,400
13-18	ML	2.5	7.5	11.0	3.0	4.5	5.5	6.5	ML	13-18	2,800
7-12	LO	2.0	7.0	10.5	3.0	4.0	5.0	6.0	LO	7-12	3,200
1-6	VL	2.0	6.5	10.0	2.5	4.0	4.5	5.5	VL	1-6	3,400

## FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	Two 12.7mm Breda MG	11	3
N2	One 20mm MG-151	7	2
W1	One 20mm MG-151	10	2
W2	One 20mm MG-151	10	2

## GUN ATTACK FACTORS

Range	N1	N2	W1	W2	(Total)
0	14	26	26	26	92
1	10	20	20	20	70
2	8	13	13	13	47
3	6	9	9	9	33
4	4	6	6	6	22
5	2	4	4	4	14
6	2	3	3	3	11
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	2/-	1/-	—	—	EH
31-36	VH	4/-	2/-	—	—	VH
25-30	HI	6/-	3/-	—	—	HI
19-24	MH	7/8	4/5	—	—	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:		2	3	4	5	
Side Slip FPs:		3	4	6	8	

**G.55/0:** Early model without wing cannon. W1/2 = One 12.7mm Breda S: Ammo = 14, Crit = 3, firepower 7/5/4/3/2/1/1/-

**G.55/II:** Prototype heavily armed variant. Delete N1, add W1/2. with ammo 7. Reduce average ROC by 100.

**G.55/S:** Prototype torpedo-bomber variant. Replace stations 1, 2 with station 1 for single bomb or torpedo: weight 1000, load 5.0.

**G.55A-1:** Postwar model with 4x12.7mm: delete N2, add W1/2 Add 100 to average ROC.

**160kg bomb:** weight 350, load 2.0.

Gun attack values updated per JDW's CR.42