

Gotha Go242B-2

A/C Type: Glider
 Engine(s): None
 Eng. Pwr: N/A
 A/C Crew: Pilot, up to 15 paratroops

Maximum Speed: 100 mph at Sea Level
 Maximum Ceiling: 11,600 ft.

Defense factor: 5 Size Modifier: +0
 Damage Factor: 5/8 Endurance: 96
 Cockpit View: Good Blind Area: Rear

Protection: Cockpit +1 Fuel +0 Engine +0

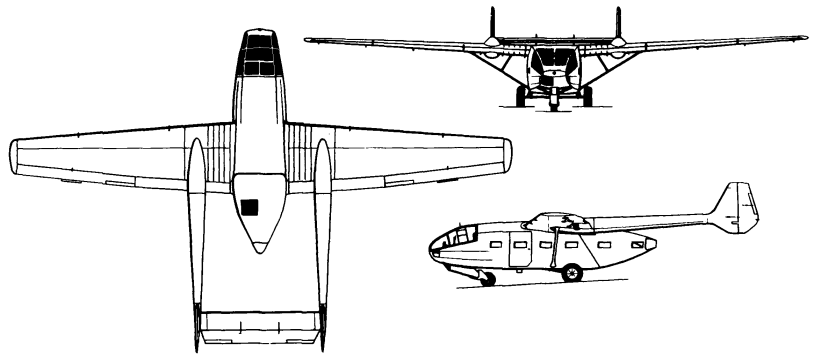
Climb Decel/ Dive Accel: 3.0 / 0.5

Weight and Load Limit: 500 / 2-4

Wpn Stations	Weight	Allowed Loads
1 Cargo bay	880 lbs	7,900 lbs cargo or 21 troops or 1 Kubelwagen

Country: Germany

Service Entry Date: March, 1942



Class: G

Victory Points: 2-4

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(2)	Min HT(3)	Min BT(4)	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	--	--	--	--	--	--	--	19-24	MH	--
13-18	ML	--	--	--	--	--	--	--	13-18	ML	--
7-12	LO	1.0	2.0	3.5	2.0	2.5	3.0	--	7-12	LO	--
1-6	VL	1.0	2.0	3.5	1.5	2.0	2.5	--	1-6	VL	--

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
N1	2x 20mm MG151 cannon	9	2
N2	2x 7.92mm MG17 mg	25	4
N3	2x 7.92mm MG17 mg	25	4
N4	2x 20mm MG151 cannon	9	2
DG	1x 13mm MG131 mg (J)	15	3

GUN ATTACK FACTORS

Range	N1	N2	N3	N4	DG	Total
0	46	12	12	46	9	120
1	35	8	8	35	7	86
2	23	6	6	23	5	58
3	15	4	4	15	3	38
4	11	3	3	11	2	28
5	8	2	2	8	2	20
6	6	--	--	6	1	12
7	--	--	--	--	1	--

WEAPON STATION LOCATION

POWER VERSUS SPEED CHART

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	--	--	--	--	MH
13-18	ML	--	--	--	--	ML
7-12	LO	--	--	--	--	LO
1-6	VL	--	--	--	--	VL
Banking FPs		3	4	--	--	
Side Slip FPs		4	5	--	--	

NOTES AND VARIANTS

Defensive Gun Arcs

L/RG: Left/Right level.

Gotha Go242: Cargo glider. 1528 built.

Go242A-1/2: Skid lander (+1 to landings). A-1 was cargo, A-2 was troops.

Go242B-1/B-2: A-1/A-2 with wheeled gear.

Go242B-3/B-4: Carried paratroops. **B-5:** Dual-control trainer version.

Gotha Go242C-1: Trimaran landing gear for water landing. One skid loaded with explosives. Was to glide to water landing next to target vessel. Developed for raid on Scapa Flow that was not carried out. 6 xferred to KG200

Gliding: Any turn not in a dive costs 2 dec in addition to other maneuvers. No vertical dives or inverted banks allowed. **Towed:** Usually towed by He111. Max speed 3.0.

Loading: 500 lbs cargo or 2 troops = 1 load point.

Messerschmitt Me323D-1

A/C Type: Heavy Transport
 Engine(s): 6x Gnome-Rhone 14N 48/49 radial
 Eng. Pwr: 6840-hp, air-cooled
 A/C Crew: Pilot, navigator, radio-operator
 radar operator/gunner

Maximum Speed: 177 mph at Sea level
 Maximum Ceiling: 13,120 ft. / 9,500 ft. / 7,000 ft.

Defense factor: 7 Size Modifier: +2
 Damage Factor: 10/15 Endurance: 300
 Cockpit View: Fair Blind Area: Rear, Low

Protection: Cockpit +0 Fuel +0 Engine +0

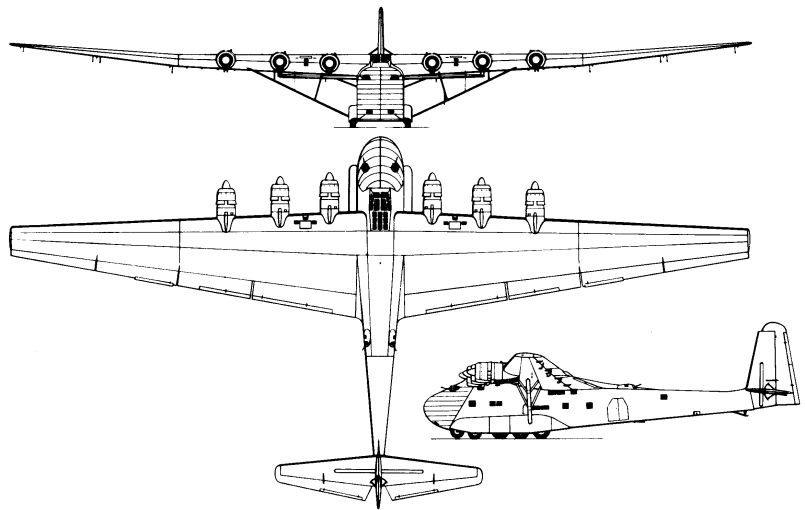
Climb Decel/ Dive Accel: 2.0 / 1.0

Weight and Load Limit: 35,000 / 25-35

<u>Wpn Stations</u>	<u>Weight</u>	<u>Allowed Loads</u>
1 Cargo bays	35,000	35,000 lbs cargo or 130 troops

Country: Germany

Service Entry Date: September 1942



Class: H

Victory Points: 6-12

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	--	--	--	--	--	--	--	19-24	MH	--
13-18	ML	2.0	3.0	4.5	2.5	4.0	--	--	13-18	ML	200
7-12	LO	1.5	3.0	4.5	2.5	3.5	--	--	7-12	LO	600
1-6	VL	1.5	3.5	4.0	2.0	3.0	--	--	1-6	VL	700

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
FG1/2	1x 7.92mm MG17 MG	12	4
L/RG	1x 7.92mm MG17 MG	12	4
DG	1x 7.92mm MG17 MG	12	4
port	1x 7.92mm MG34 MG	3x3	4
FG3/4	1x 13mm MG131 MG	10	3

GUN ATTACK FACTORS

Range	FG1/2	L/RG	DG	port	FG3/4
0	3	4	4	2	5
1	2	3	3	1	4
2	1	2	2	1	3
3	1	1	1	1	2
4	1	1	1	1	1
5	1	1	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	--	--	--	--	MH
13-18	ML	0.25	--	--	--	ML
7-12	LO	0.25	--	--	--	LO
1-6	VL	0.25	--	--	--	VL
Banking FPs		4	6	--	--	
Side Slip FPs		5	7	--	--	

NOTES AND VARIANTS

Defensive Gun Arcs

FG1: 12:00-Right front, level

FG2: 12:00-Left front, level

RG: Right-Rear, low to level

LG: Left-Rear, low to level

DG: Rear, lvl to high; 6:00 high only

port: Left or right +/-30 level

Me323D Gigant: Engined versions of heavy cargo glider. Carried a lot, but vulnerable due to slow speed. D models had 5 ports/side for infantry MGs. Used in Med to reinforce (then evacuate) Rommel. They took quite a beating. 201 total Me323s built.

Me323D-5: Avail Jan-43. FG3/4 = MG131s 5/4/3/2/1/1/1/- (vice FG1/2)

Loading: 500 lbs cargo or 2 troops = 1 load point.

Messerschmitt Me323E-2

Country: Germany

Service Entry Date: November 1943

A/C Type: Heavy Transport
 Engine(s): 6x Gnome-Rhone 14N 48/49 radial
 Eng. Pwr: 6840-hp, air-cooled
 A/C Crew: Pilot, navigator, radio-operator
 radar operator/gunner

Maximum Speed: 149 mph at 4720 ft
 Maximum Ceiling: 14,760 / 10,500 / 7,500 ft.

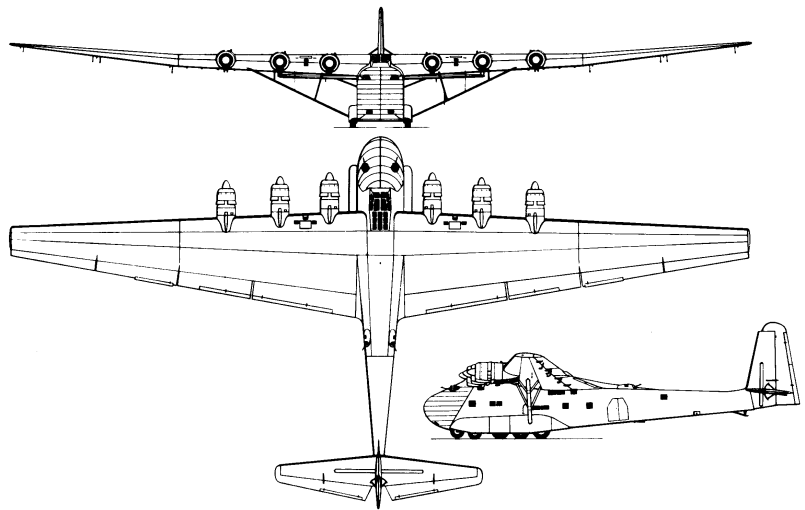
Defense factor: 7 Size Modifier: +2
 Damage Factor: 13/19 Endurance: 390
 Cockpit View: Fair Blind Area: Rear, Low

Protection: Cockpit +1 Fuel +0 Engine +1

Climb Decel/ Dive Accel: 2.0 / 1.0

Weight and Load Limit:

Wpn Stations	Weight	Allowed Loads
1 Cargo bays	24,500	24,500 lbs cargo or 130 troops



Class: H

Victory Points: 7-14

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	--	--	--	--	--	--	--	19-24	MH	--
13-18	ML	2.0	3.0	4.5	2.5	4.0	--	--	13-18	ML	200
7-12	LO	1.5	3.0	4.5	2.5	3.5	--	--	7-12	LO	600
1-6	VL	1.5	3.0	4.0	2.0	3.0	--	--	1-6	VL	700

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
FG1/2	1x 13mm MG131 MG	10	3
L/RG	1x 13mm MG131 MG	10	3
L/RB	2x 13mm MG131 MG	10	3
port	1x 7.92mm MG34 MG	3x3	4
L/RT	1x 20mm MG151 MG	6	2

GUN ATTACK FACTORS

Range	FG1/2	L/RG	L/RB	port	L/RT
0	5	6	6	2	14
1	4	4	4	1	10
2	3	3	3	1	7
3	2	2	2	1	5
4	1	1	1	1	3
5	1	1	1	1	2
6	1	1	1	--	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	--	--	--	--	MH
13-18	ML	0.25	--	--	--	ML
7-12	LO	0.25	--	--	--	LO
1-6	VL	0.25	--	--	--	VL
Banking FPs		4	6	--	--	
Side Slip FPs		5	7	--	--	

NOTES AND VARIANTS

Defensive Gun Arcs

FG1: 12:00-Right front, level
 FG2: 12:00-Left front, level
 RG: Right-Rear, low to level
 LG: Left-Rear, low to level
 L/RB: Left/right Beam, level
 port: Left or right +/-30 level

Me323E-2 Gigant: After high losses of Ds, defensive armament & armor were beefed up. Used on Eastern Front from late 43. 201 total Me323s built.

Me323E-2/WT: Waffentrager (Weapon-carrier). Armed with 1 20mm MG-151 in turret on the nose, 4 more in turrets on the wing between the nacelles, and 4 13mm MG131 MGs, 2 for each side, plus additional armor. 1 built.

Messerschmitt Me321B-1

Country: Germany

Service Entry Date: Nov, 1941

A/C Type: Heavy Cargo Glider
 Engine(s): None
 Eng. Pwr: N/A
 A/C Crew: Pilot, radio operator, Gunner

Maximum Speed: 87 mph while Gliding
 Maximum Ceiling:

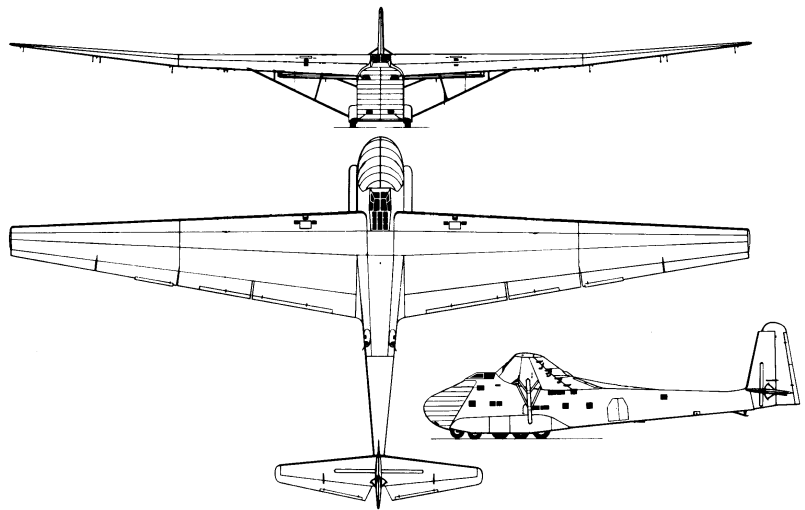
Defense factor: 7 Size Mod: +2
 Damage Factor: 8/12 Endurance: --
 Cockpit View: Fair Blind Area: Rear,low

Protection: Cockpit +1 Fuel +0 Engine +0

Climb Dece/ Dive Accel: 2.0 / 0.5

Weight and Load Limit: 48,500 lbs

Wpn Stations	Weight	Allowed Loads
		48,500 lbs or
		130 troops



Class: G

Victory Points: 4-9

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	(towed)
37-42	EH	--	--	--	--	--	--	--	37-42	EH	--
31-36	VH	--	--	--	--	--	--	--	31-36	VH	--
25-30	HI	--	--	--	--	--	--	--	25-30	HI	--
19-24	MH	--	--	--	--	--	--	--	19-24	MH	--
13-18	ML	1.5	1.5	3.0	3.0	4.0	--	--	13-18	ML	--
7-12	LO	1.0	1.5	3.0	2.5	3.5	--	--	7-12	LO	--
1-6	VL	1.0	1.5	3.0	2.0	3.0	--	--	1-6	VL	--

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals
LG	Two 7.62mm MG15	10	4
RG	Two 7.62mm MG15	10	4
port	One 7.62mm MG34	4x3	4

GUN ATTACK FACTORS

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

WEAPON STATION LOCATION

POWER VERSUS SPEED CHART

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	3	--	--	--	HI
19-24	MH	5	2	--	--	MH
13-18	ML	7	4	--	--	ML
7-12	LO	8	5	--	--	LO
1-6	VL	8	5	--	--	VL
Banking FPs		4	--	--	--	
Side Slip FPs		5	--	--	--	

NOTES AND VARIANTS

Defensive Gun Arcs

LG: 12:00-Right front, level 5 beam gunports on either side for infantry mgs.
 RG: 12:00-Left front, level

Messerschmitt 321 Gigant: As its name implies, a giant-sized glider. Towed either by three Me110s (a Troika Schlepp) or one He111Z-1. Generally used for rear-area logistics run, but was used for Baltic area assaults, and was planned for assault use against Malta in 1942. Withdrawn 1943. 175 built.

Gliding: Any turn not spent diving earns additional 3 dec. No vertical dives or inverted banks. **Towing:** Max tow speed 99 mph (2.0). roc = 500. EZ turns only. **Troika Schlepp:** Due to the additional coordination required to manage this, +1 to Join Up and Join Up incident rolls.

Loading: 500 lbs cargo or 2 troops = 1 load point.

