

Waco CG-4A Hadrian

Country: USA/UK

Service Entry Date: July 1943

A/C Type: Assault Glider
 Engine(s): None
 Eng. Pwr: N/A
 A/C Crew: Pilot, Copilot

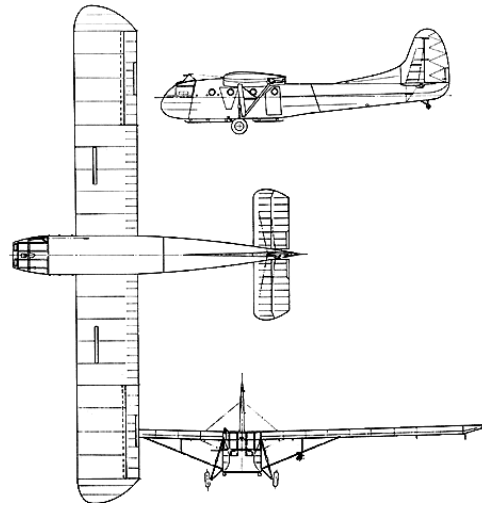
Maximum Speed: 120 mph in glidel
 Maximum Ceiling: 14,760

Defense factor: 5 Size Modifier: +1
 Damage Factor: 3/5 Endurance: N/A
 Cockpit View: Fair Blind Area: Rear,Low

Protection: Cockpit +0 Fuel +0 Engine +0

Climb Dece/ Dive Accel: 2.0 / 0.5
 Weight and Load Limit: 3800 / 3-6

Wpn Stations	Weight	Allowed Loads
1 Cargo bay	3,800	3,800 lbs cargo or 13 troops



Class: G

Victory Points: 2-4

AIRCRAFT PERFORMANCE CHART

Altitude Levels		Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(1)	Min HT(1)	Min BT(-)	Min ET(-)	Altitude Levels		Average 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	1.0	2.5	3.5	2.0	3.0	--	--	13-18	ML	500
7-12	LO	1.0	2.5	3.5	1.5	2.5	--	--	7-12	LO	500
1-6	VL	1.0	2.5	3.5	1.5	2.0	--	--	1-6	VL	500

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals

GUN ATTACK FACTORS

Range

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 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	--	--	--	--	ML
7-12	LO	--	--	--	--	LO
1-6	VL	--	--	--	--	VL
Banking FPs		2	--	--	--	
Side Slip FPs		3	--	--	--	

NOTES AND VARIANTS

Waco CG-4A Hadrian: Troop/cargo glider. Used during Sicily (Jul-43), Burma (Mar-44), D-Day, Southern France (Jun-44) and Operation Market-Garden (Sep-44). Usually carried 1 jeep or small (up to 75mm cannon and crew or 13 troops. More than 13,000 built.

Gliding: Any turn not spent diving earns additional 3 dec. No vertical dives or inverted banks. Ignore engine and fuel crits (count as hollow space).

Towing: Max tow speed 180 mph (3.5). roc = 500.

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

Landing: +1 for landing incidents.

Airspeed Horsa I

A/C Type: Assault Glider
 Engine(s): None
 Eng. Pwr: N/A
 A/C Crew: Pilot, Copilot

Maximum Speed: 100 mph while Gliding
 Maximum Ceiling:

Defense factor: 5 Size Mod: +1
 Damage Factor: 5/7 Endurance: --
 Cockpit View: Fair Blind Area: Rear,low

Protection: Cockpit +0 Fuel +0 Engine +0

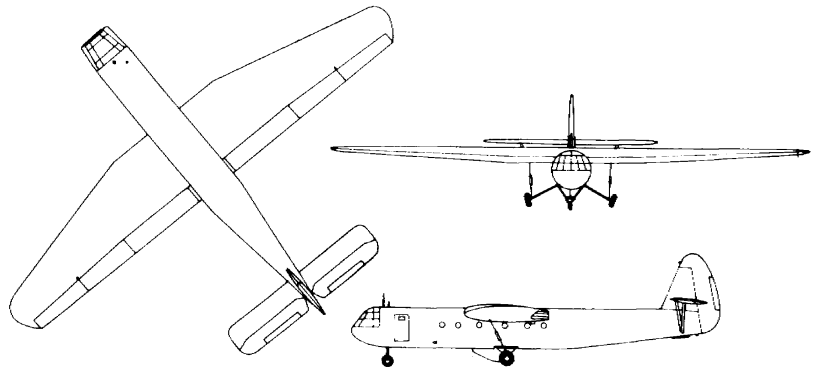
Climb Dece/ Dive Accel: 3.0 / 0.5

Weight and Load Limit: 7, 260 lbs / 6-12

Wpn Stations	Weight	Allowed Loads
Cargo bay	7260	1 Jeep or 1 small cannon or 25 troops

Country: UK

Service Entry Date: June, 1942



Class: G

Victory Points: 2-4

AIRCRAFT PERFORMANCE CHART

Altitude		Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(1)	Min HT(2)	Min BT(-)	Min ET(-)	Altitude		Average Rate of Climb (towed)
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	1.0	2.0	3.0	2.0	3.0	--	--	13-18	ML	500
7-12	LO	1.0	2.0	3.0	1.5	2.5	--	--	7-12	LO	500
1-6	VL	1.0	2.0	2.5	1.5	2.0	--	--	1-6	VL	500

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals

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

NOTES AND VARIANTS

Horsa I: British assault glider. 3900 built.

Gliding: Any turn not spent diving earns additional 3 dec. No vertical dives or inverted banks. Ignore engine and fuel crits (count as hollow space).

Towing: Max tow speed 150 mph (3.0). roc = 500. EZ turns only.

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

Landing: +1 for landing incidents.

General Aircraft Hamilcar

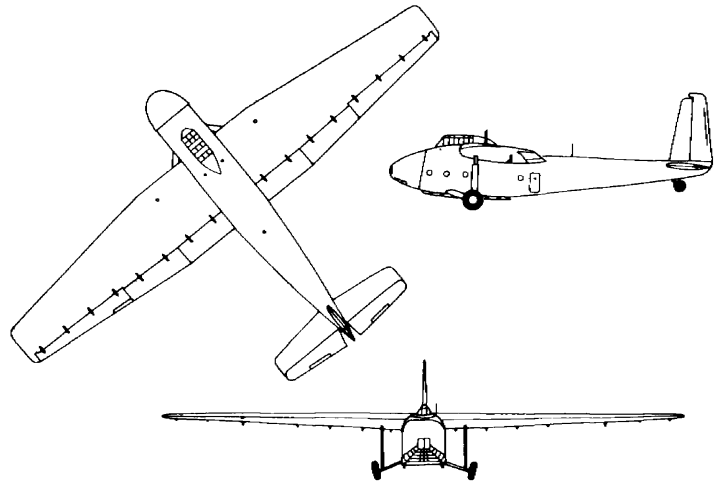
Country: UK

Service Entry Date: June 1944

A/C Type: Heavy Assault Glider
 Engine(s): None
 Eng. Pwr: N/A
 A/C Crew: Pilot, Copilot

Maximum Speed: 145 mph (in glide)
 Maximum Ceiling: (13,000 / 10,000 / 8,000 ft)
 Defense factor: 6 Size Modifier: +2
 Damage Factor: 6/9 Endurance: --
 Cockpit View: Poor Blind Area: Rear
 Protection: Cockpit +0 Fuel +0 Engine +0
 Climb Decel/ Dive Accel: 2.0 / 0.5 (1.0)
 Weight and Load Limit: 17500 / 10-15

<u>Wpn Stations</u>	<u>Weight</u>	<u>Allowed Loads</u>
		2 Bren carriers or
		1 Tetrarch Lt tank or
		40 troops or
		cargo



Class: G (H)

Victory Points: 3-5

AIRCRAFT PERFORMANCE CHART

Altitude Levels	Bands	Minimum Speed	Maximum Speed	Maximum Dive Spd	Min TT(4)	Min HT(5)	Min BT(6)	Min ET(7)	Altitude Levels	Bands	Average 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	1.5	3.0	3.5	2.5	3.5	--	--	13-18	ML	(200)
7-12	LO	1.5	3.0	3.5	2.0	3.0	--	--	7-12	LO	(400)
1-6	VL	1.5	3.0	3.5	2.0	2.5	--	--	1-6	VL	(400)

FIRE POWER CHART

Guns	Type Weapons	Ammo	Criticals

GUN ATTACK FACTORS

Rng

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 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	(0.5)	--	--	--	ML
7-12	LO	(1)	--	--	--	LO
1-6	VL	(1)	--	--	--	VL
Banking FPs		3	--	--	--	
Side Slip FPs		4	--	--	--	

NOTES AND VARIANTS

Hamilcar Mk I: Heavy assault glider capable of carrying light armored vehicles: 2 Bren gun carriers or 1 Tetrarch light tank. First used at Normandy. Nose opened as a cargo door. 420 built.

Gliding: Any turn not spent diving earns additional 3 dec. No vertical dives or inverted banks. Ignore engine and fuel crits (count as hollow space).

Towing: Max tow speed 150 mph (3.0). roc = 500. EZ turns only.

Load: 17,500 lb cargo, a Tetrarch light tank, 2 Bren gun carriers, or 40 troops.

Landing: +1 for landing incidents.

Hamilcar Mk X: had two 965-hp Bristol Mercury 31 engines. Max level speed 148 mph. Use figures in parentheses. 22 built.