

MILITARY CARGO PARACHUTE G-12D/E

Updated: April 15, 2021

All parachute assemblies are qualified, manufactured and inspected in strict accordance with current applicable MIL-DTL-7620 and MIL-STD-849.

Cargo Parachute Systems
64 feet diameter

Part number	G-12D	G-12E
Complete set (NSN)	55A6045 (1670-00-893-2371)	11-1-2620 (1670-01-065-3755)
Canopy	48K6076	48K6076
Pilot chute	53E6803-1	53E6803-1
Risers (2)	51D6183	51D6183
Deployment bag	11-1-3967-1	11-1-3967-1
Deployment line	53D6805	53D6805
Static line	59J6171	59J6171
Center line	N/A	11-1-568

Specification	G-12D	G-12E
Canopy shape	Flat circular	Flat circular
Canopy diameter [ft]	64, nominal	64, nominal
Number of gores	64	64
Canopy material	PIA-C-7350 Type I	PIA-C-7350 Type I
Standard color	Olive green	Olive green
Suspension line material	PIA-C-7515 Type IV	PIA-C-7515 Type IV
Suspension line length [ft]	51	51
Suspension line tensile strength [lbf]	1,000	1,000
Assembled weight [lbs]	128	128
Payload capacity, max. [lbs/canopy]	2,200	2,200
Deployment altitude, min. [ft. AGL]	475	475
Center line length [ft]	N/A	57

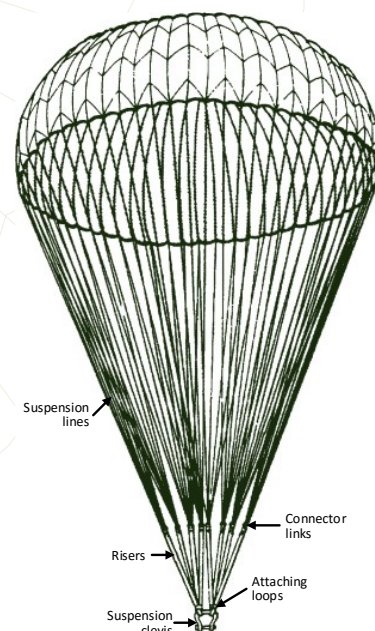
The G-12 cargo parachute is designed for medium capacity use with the A-22 aerial delivery cargo bag and with variations of platform rigged loads.

The G-12 64 feet cargo parachute assembly was developed primarily for use in the deceleration and stabilization of bulk-type platform air delivery cargo loads. The G-12 can be used singularly or in clusters of two or more, depending upon air delivery load weight, and can be dropped from minimum altitudes ranging from 475 to 550 feet AGL. In its basic configuration, the G-12 is capable of supporting up to 2,200 lbs payload and when in a cluster of two (2), the assembly is capable of supporting up to 3,500 lbs.

- Capable of supporting 2,200 lbs
- Can be used for air delivery of fragile items
- Designed for deceleration and stabilization of bulk-type platform air delivery cargo loads

Canopy assembly

The canopy consists of a 64 feet diameter hemispherical nylon canopy, with gores and suspension lines numbered clockwise when viewed from the canopy vent; and two riser assemblies, each composed of four suspension risers, terminating in two riser attaching loops connected to a suspension clevis. Each of the eight (8) suspension risers is connected to eight (8) consecutively numbered suspension lines by a link assembly.



Deployment bag

The deployment bag is of the locking-closure type. It is used for packing the G-12D and G-12E parachutes.

Deployment line; Pilot chute and static line

The 111 inches long deployment line, the 68 inches diameter pilot chute and the 15 feet long static line are used with the G-12D and G-12E parachutes when the A-22 aerial delivery cargo bag is used.

Center line

Used with G-12E parachute to pull down canopy vent.

Difference between models

Model	Difference
G-12D	No centerline
G-12E	Uses 57 feet centerline to pull down canopy vent

