

**15 FT. CARGO EXTRACTION ASSEMBLY**  
**P/N 11-1-2583**  
**NSN 1670-01-063-3715**

**TECHNICAL DATA**  
**UPDATED MAY 22, 2007**

**U.S. PART NO:**                      **The standard assembly consists of:**

**11-1-2583**                                      **15 FT. CARGO EXTRACTION ASSEMBLY**

- |    |           |                         |
|----|-----------|-------------------------|
| 1. | 57J6032   | 15 Ft. Ring Slot Canopy |
| 2. | 58J6100   | Deployment Bag          |
| 3. | 68C380-10 | 36" Adapter Web         |

**15 FT. DIAMETER CARGO EXTRACTION PARACHUTES**

All 15 Ft. Cargo Extraction Assemblies are manufactured using the latest revision of material listed in Technical Data.

All 15 Ft. Cargo Assemblies material color was changed to the new U.S. Army color, Camouflage Green #483 in 1995. Adapter web P/N 68C380-10 Buffers and Canopy Bridle Type VIII cotton webbing, PIA-W-5665 which is no longer available, was also replaced with nylon webbing Type VIII/X as noted in technical data.

The Deployment Bag, P/N 58J6100, was revised in 2001 to eliminate the outer and inner loop with Nylon Cord, Type VI and buffer. Two new nylon reinforcement straps, PIA-W-27265, Type VIII, crossing opposite corners of the bag have been added. Pendulum line, Nylon Cord, PIA-C-7515, Type IV, is now looped around center of new reinforcement straps.

All 15 Ft. Cargo Extraction Assemblies are manufactured in strict accordance with Cargo Parachute U.S. Military Specification MIL-DTL-7620, MIL-DTL-9401 and MIL-STD-849, latest revision.

All 15 Ft. Cargo Extraction Assemblies are preserved, packaged and packed in accordance with U.S. Military Specification or customer's specific packaging instructions.

***Mills Manufacturing Corporation***  
*P.O. Box 8100      Asheville, NC 28814*  
*Telephone: 828-645-3061      Fax: 828-645-3065*  
*Website: www.millsmanufacturing.com      Email: info@millsmanufacturing.com*

15 FT. CARGO EXTRACTION ASSEMBLY  
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P/N 11-1-2583  
UPDATED 5/22/07  
TECHNICAL DATA

This new style 15 Ft. Cargo Extraction Parachute was developed in the late 1980's for extracting the 28 Ft. Heavy Duty Extraction Parachute used on the LAPES system platform loads. The 15 Ft. Canopy has 16 gores, each of which contains 5 rings, using the latest U.S. Military patterns for the required material. The 15 Ft. packed assembly weighs approximately 20 pounds.

The canopy and deployment bag are the same as on the older assembly, P/N 61A4312, with the reefing line and extraction line omitted and replaced by the adapter web, P/N 68C380-10, which connects directly to the 28' Heavy Duty Deployment Bag.

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1. **15 Ft. Canopy, P/N 57J6032:**

Shape:	Ring Slot
Diameter:	15 Ft.
Number of Gores	16
Number of Rings Per Gore	5
Number of Suspension Lines	16
Number of Suspension Lines	15'
Ring Panel Material:	Nylon Cloth, PIA-C-7350, Type I, Camouflage Green #483, 85# tensile strength warp and fill; 90-140 CFM air permeability
Suspension Line and Vent Line Material:	Nylon Cord, PIA-C-7515, Type IV, Camouflage Green #483, 1000# tensile strength
Vent and Skirt Reinforcements:	Nylon Webbing, PIA-W-4088, 1", Type II, Class 2A, Camouflage Green #483, 600# tensile strength
Ring Reinforcements:	Nylon Webbing, PIA-W-4088, 9/16", Type I, Class 2A, Camouflage Green #483, Natural, 525# tensile strength
Radial Tapes; Pocket Bands:	Nylon Webbing, PIA-W-4088, 1", Type II, Camouflage Green #483, Class 2A, 600# tensile strength
Bridle Loop:	Nylon Webbing, PIA-W-27265, Type VIII, 1-23/32", Class 2A, Camouflage Green #483, 4000# tensile strength
Suspension Line Links:	PS 70118-2, 3000# proof load

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Canopy Stitching: Nylon Thread, V-T-295, Type I/II, Class A, Size E,  
3-C, Camouflage Green #483

2. **Deployment Bag, P/N 58J6100:**

Type Bag: Locking Closure

Bag Material: Nylon Cloth, PIA-C-7219, Type III, Class 3, Camouflage  
Green #483, 325# warp tensile strength, 275# fill tensile  
strength

Reinforcing Straps & Loops: Nylon Webbing, PIA-W-27265, Type VIII, 1-23/32",  
Class 2A, Camouflage Green #483, 4000# tensile strength

Tie Down; Tie Loops; Stow  
Loops; Closure Bands &  
Panel Reinforcements: Nylon Tape, PIA-T-5038, Type IV, 1", Class 2A,  
Camouflage Green #483, 1000# tensile strength

Handle and Pendulum Line: Nylon Cord, PIA-C-7515, Camouflage Green #483,  
Type IV, 1000# tensile strength

Log Record Pocket: P/N 11-1-2587, Camouflage Green #483

Binding Material: Nylon Tape, PIA-T-5038, Type III, Class 2, 3/4",  
Camouflage Green #483, 400# tensile strength

"V" Ring: PS 22045-2, 2500# proof load

Bent "V" Ring: PS 70115, carbon steel

Stitching: Nylon Thread, V-T-295, Type II, Class A, Size E,

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Camouflage Green #483

3. **36" Adapter Web, P/N 68C380-10:**

Web Material: Nylon Webbing, PIA-W-27265, Type XXVI, Class 1A, 1-23/32", Camouflage Green #483, 15000# tensile strength

Keeper; Short Buffer Material: Nylon Webbing, PIA-W-27265, Type VIII, Class 2A, 1-23/32", Camouflage Green #483, 4000# tensile strength

Long Buffer Material: Nylon Webbing, PIA-W-27265, Type X, Class 2, 1-23/32", Camouflage Green #483, 9500# tensile strength

Stitching: Nylon Thread, V-T-295, Type I/II, Class A, Camouflage Green #483, Size E, 5-C

3. **36" Adapter Web, P/N 68C380-10 (Cont.):**

Handstitching: Cotton Thread, A-A-52094, Type V, Size 8/7, Camouflage Green #483

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