

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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AT&T Co Standard

G AERIAL TENT

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1. GENERAL

1.01 This section describes the G Aerial Tent and outlines its installation and removal. The G Aerial Tent supersedes the C Aerial Tent.

1.02 The G Aerial Tent is designed to provide shelter on aerial platforms when required. The translucent top provides improved light conditions for work operations.

2. DESCRIPTION

2.01 The cover of the tent is composed of two materials. The sidewalls consist of fire and water resistant canvas. The roof consists of a translucent reinforced plastic material which is securely stitched to the sidewalls. The entire cover is securely laced and tied to a collapsible metal frame. The complete tent weighs about 38 pounds. A "T" shaped opening is provided at both ends to accommodate two cables when they

are supported on opposite sides of a pole. The openings are equipped with grommets and ropes for closing them when required. Fig. 1 illustrates the G Aerial Tent.

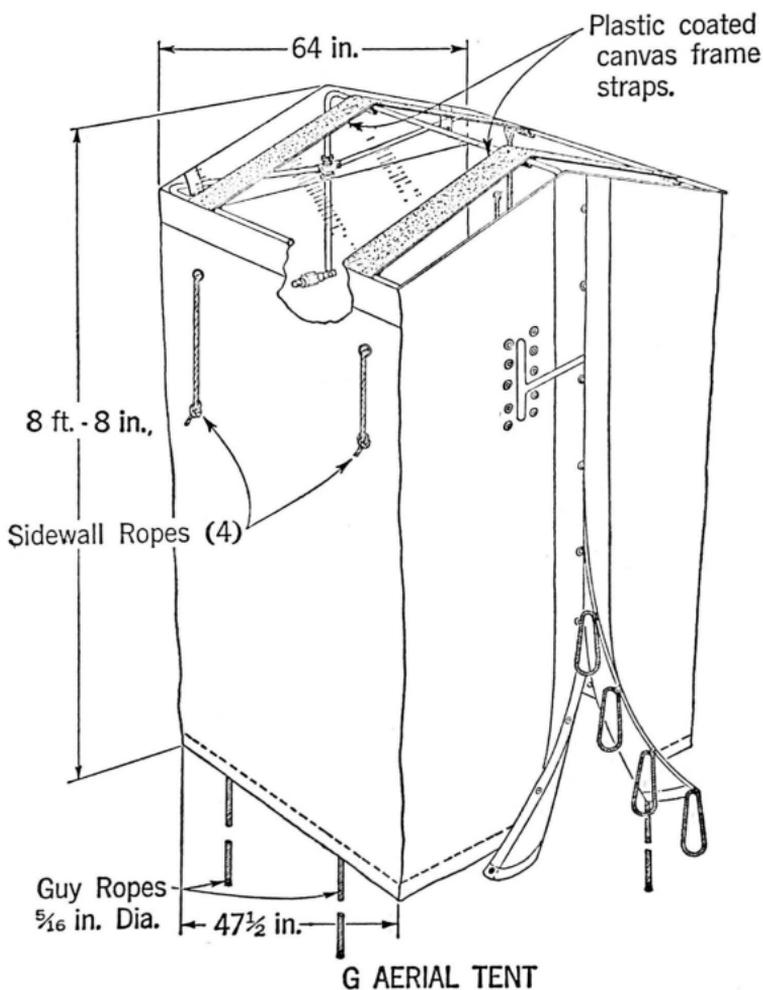


Fig. 1

2.02 The frame consists of a rigid center bow and two side bows of aluminum alloy tubing that are hinged to sliding sleeves on the center bow. The sliding sleeves are equipped with latches for locking the side bows in an open position.

2.03 Strand clamps at the ends of the center bows are arranged to provide the necessary clearance when the tent is installed at poles having guard arms. The clamps are secured to the strand by means of threaded sleeves.

2.04 Two plastic coated canvas frame straps are attached to the bows to minimize strain on the tent cover (see Fig. 1).

2.05 The side bows are equipped with guy ropes for anchoring the tent on a platform. Each guy rope is equipped with a tent slide (tensioning device) and a snap hook. These facilitate the installation and removal of the tent. The tent slide and snap hook are illustrated in Fig. 2.

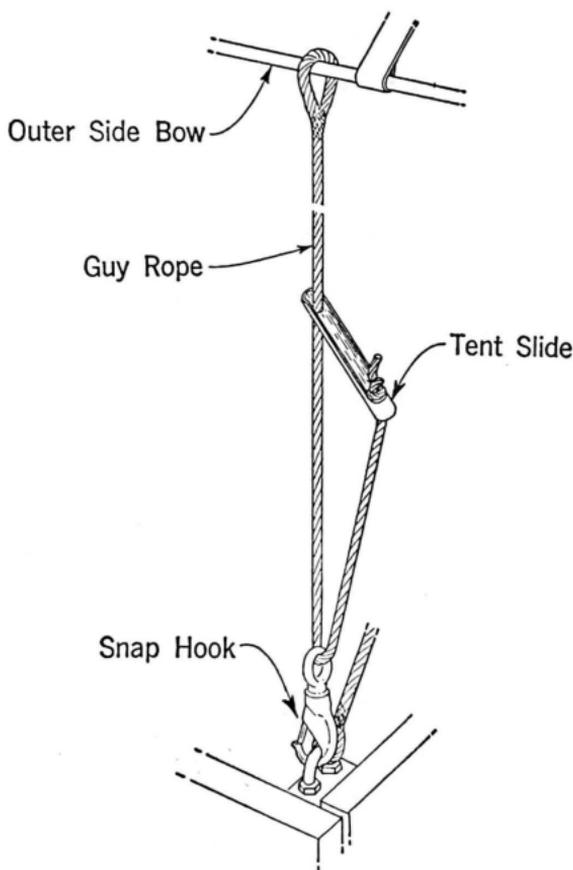


Fig. 2

2.06 The end openings are equipped with grommets and ropes for closing the tent after it is installed.

2.07 Two ropes in each sidewall provide a means of securing the sidewalls when they have been rolled up. These facilitate the installation and removal of the tent. Fig. 3 illustrates the tent with the sides rolled up and tied with the sidewall ropes.

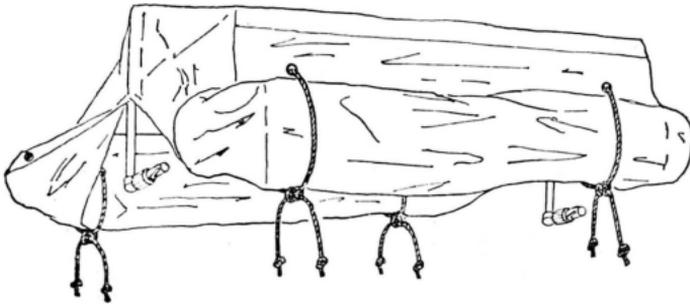


Fig. 3

2.08 To minimize soiling of the canvas when the tent is not in use, the tent should be kept in the **Aerial Tent Bag**.

3. PRECAUTIONS

3.01 Because this tent is bulky, it should be installed and removed by two men.

3.02 A body belt and safety strap shall be used when installing or removing a tent aloft as well as while working aloft.

3.03 Care should be exercised when handling a tent to avoid contact with electric power wires or attachments.

3.04 Care should be exercised to protect the tent from sharp objects during use or storage to avoid punctures or tears.

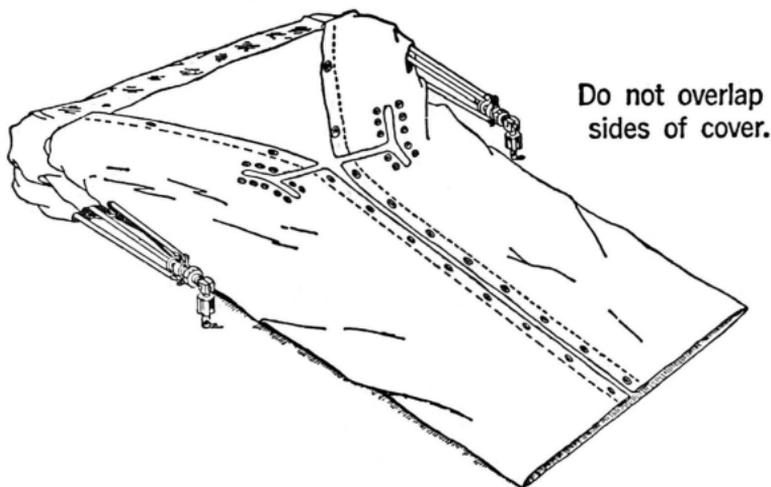
3.05 **SINCE EACH LAUNDERING REMOVES SOME OF THE FIREPROOFING, WATERPROOFING, AND LIFE FROM THE FABRIC, LAUNDERING OF THE TENTS SHOULD BE KEPT TO A MINIMUM.**

4. INSTALLATION ON AERIAL PLATFORM

4.01 Prepare the tent for installation or storage by laying it out flat on the ground, fold the ends, roll up the sidewalls, and tie them with the sidewall ropes. Lay each rolled up sidewall on the roof of the tent between the center and outer bow on each side.

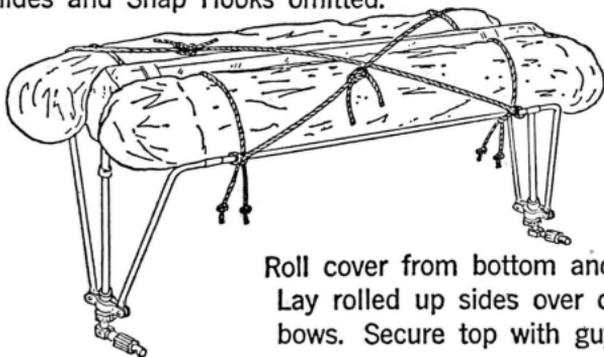
Note: Having the sidewalls rolled up and tied prevents them from accidentally falling free and presenting a large sail area during installation or removal.

Secure the entire tent by tying the guy ropes around the top as illustrated in Fig. 4.



Do not overlap
sides of cover.

Tent Slides and Snap Hooks omitted.



Roll cover from bottom and tie.
Lay rolled up sides over outer side
bows. Secure top with guy ropes.

Fig. 4

4.02 With the handline block in place on the strand, tie one end of the handline around the tent at the midpoint and raise the tent to the platform. The workman aloft, with his safety strap attached to the strand, should place the tent on the platform, remove the handline, release the guy ropes from around the top of the tent, and wait for assistance to erect the tent.

4.03 Raise the tent into position on the strand, engage the clamps, and tighten the threaded sleeves. Engage the two guy rope snap hooks (on the side opposite the threaded sleeves) in their respective platform support rope U bolts, and loosely tension these two guy ropes. Fig. 5 illustrates the tent at this time.

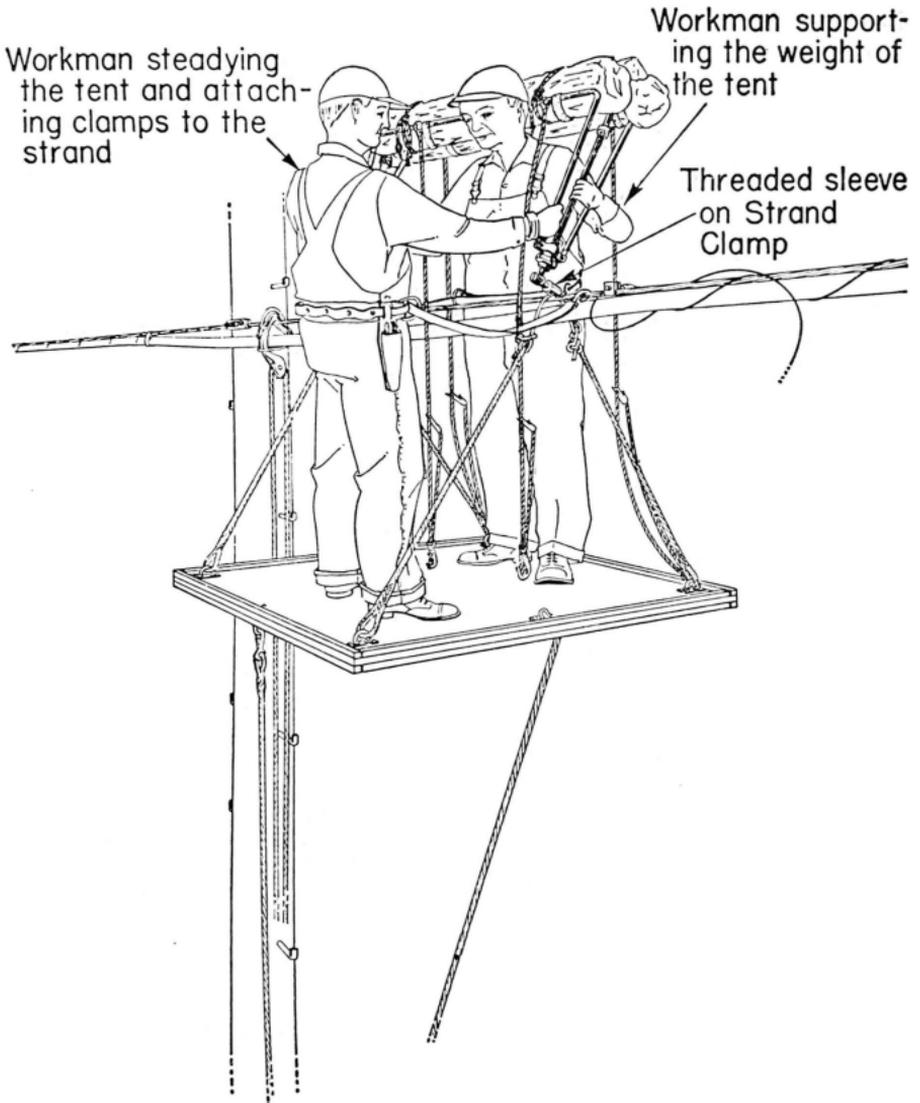


Fig. 5

4.04 Engage the remaining two guy rope snap hooks in their respective platform support rope U bolts and loosely tension these two guy ropes.

4.05 Raise the side bows and turn the latches on the sliding sleeves to lock the bows in position.

4.06 Retension all guy ropes. Lower both sidewalls from the tent roof. Release the sidewall ropes, unroll the sidewalls, and lace up the ends as required.

5. REMOVING THE TENT

5.01 Secure the safety strap to the strand while on the platform.

5.02 Roll up and tie both sidewalls. Lay each rolled up sidewall on the roof of the tent between the center and outer bow on each side. Lower the side bows, slack off the guy ropes, loosen the clamps on the strand, and remove the tent from the strand. Remove the guy rope snap hooks from the platform support rope U bolts.

5.03 Tie the collapsed tent with the guy ropes, and attach the handline at about the midpoint of the tent. With one workman holding the free end of the handline (on the ground), lower the tent.

5.04 Prepare the tent for storage or use at another location as outlined in Paragraph 4.01.

5.05 The tent cover should be dry before the tent is stored. At times it may be necessary to transport a tent with a wet cover. In that event, the cover should be dried at the first opportunity.

6. MAINTENANCE

6.01 Recommended rope for use on frame straps, tabs, or seams is as follows:

- (1) Rope, cotton, gray, 3/16 inch diameter, 3 strand.
- or (2) #4 braided nylon or cotton, venetian blind cord (1/8 inch dia.).

Procure the rope or cord locally.

6.02 The plastic coated canvas frame strap installation is illustrated in Fig. 6. These straps are a replacement item.

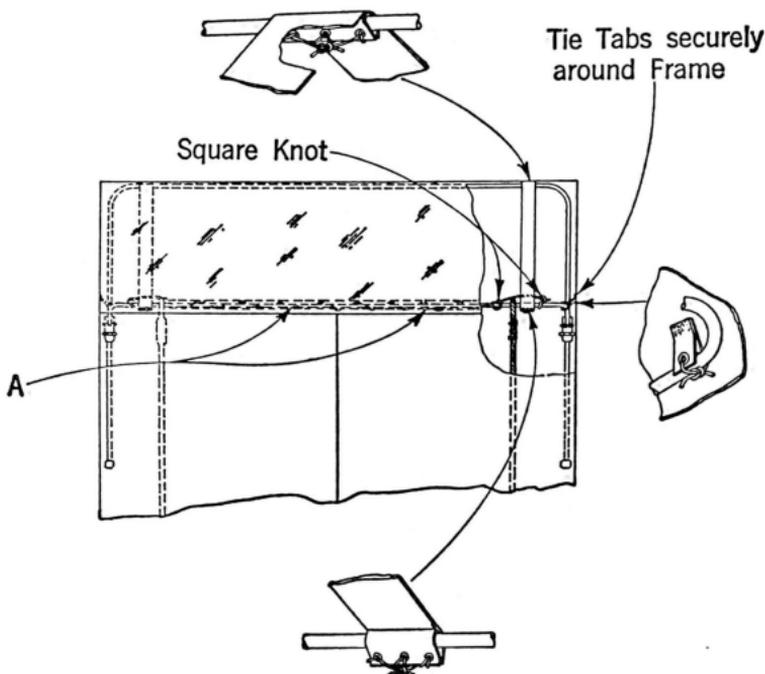


Fig. 6

6.03 Each frame strap is laced to the bows at three locations. About two feet of rope is required at each location on each strap. If in good condition, the existing rope can be reused. If replacement of the rope is required refer to Paragraph 6.01.

6.04 G tent covers are a replacement item. To install a new G tent cover on a G tent frame proceed as follows:

- (1) Carefully insert the frame (**with frame straps in place**) into the cover. Properly fit the cover on the frame.
- (2) Tie the tabs securely around the frame. A tab is illustrated in Fig. 6. The tabs require four 12-inch pieces of rope.
- (3) Lace the two seams (one on each side of the tent) to their respective bows using one piece of rope 5 feet long on each side. On each end of the seam, this piece of rope secures the frame strap and guy rope in place on the bows. This tie is illustrated in Fig. 6. "A" in Fig. 6 illustrates the location of the seam.

- 6.05 Refer to Paragraph 3.05 for precautions regarding laundering of tents.
- 6.06 If a tent is in need of repair, it should be handled in accordance with local instructions.

7. REPLACEMENT PARTS

- 7.01 Cover and frame straps (see Part 6 for installation).
- 7.02 Procure locally lacing rope for frame straps, tabs and seams (see Part 6).

8. SUPERSEDED TYPE

- 8.01 The superseded C Aerial Tent installation and removal is outlined in G86.345.1.
- 8.02 C Aerial Tents that have been equipped with the following are essentially modified G Aerial Tents and should be installed and removed as outlined in this practice.
 - (1) Plastic coated canvas frame straps.
 - (2) G Tent Covers.
 - (3) 5/16 inch diameter guy ropes.
 - (4) Tent slides and snap hooks on the guy ropes.