

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**SECTION G86.345.1**  
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**AT&T Co Standard**

## **B AND C AERIAL TENTS**

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### **1. GENERAL**

1.01 This section describes the B and C Aerial Tents and outlines the method of installing them on aerial platforms.

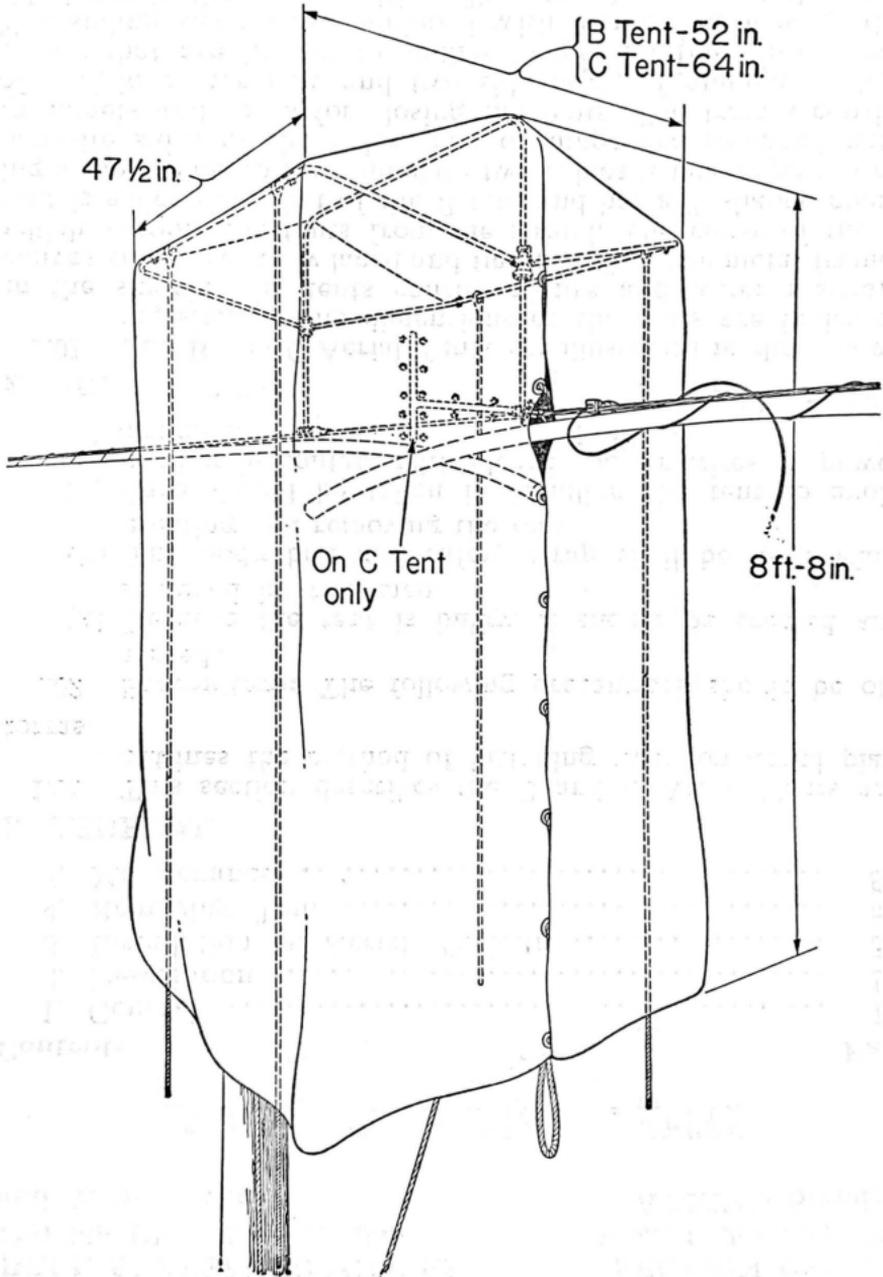
1.02 **Precautions:** The following precautions should be observed:

- (a) Because the tent is bulky, it should be erected and removed by two men.
- (b) The body belt and safety strap shall be used while erecting and removing the tent.
- (c) Care should be taken in handling the tent to avoid coming in contact with electric power wires or power attachments.

### **2. DESCRIPTION**

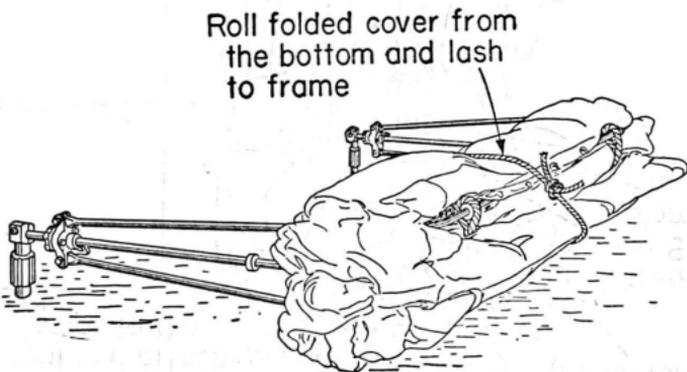
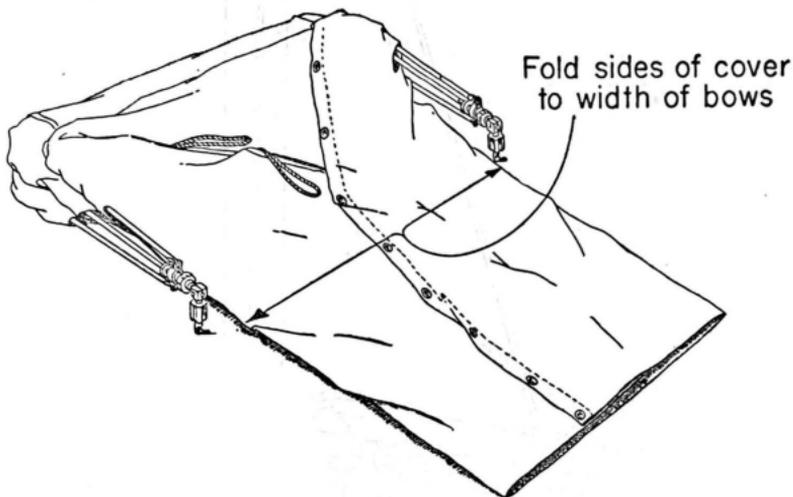
2.01 The B and C Aerial Tents are illustrated in the following sketch. The dimensions of the tents are indicated in the sketch. The tents consist of fire and water resistant canvas covers securely laced and tied to collapsible metal frames which support the tents from the strand. The cover of the C tent is wider than that of the B tent and has a T shaped opening at both ends to accommodate two cables when supported on opposite sides of the poles. The openings are equipped with grommets and ropes for closing the tents. The frames consist 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 the open position. The 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. The side bows are equipped with guy ropes

for anchoring the tents on the platform. The B and C tents weigh about 30 and 32 pounds each, respectively. To minimize soiling of the canvas when the tent is not in use, the tent should be kept in the **Aerial Tent Bag**.



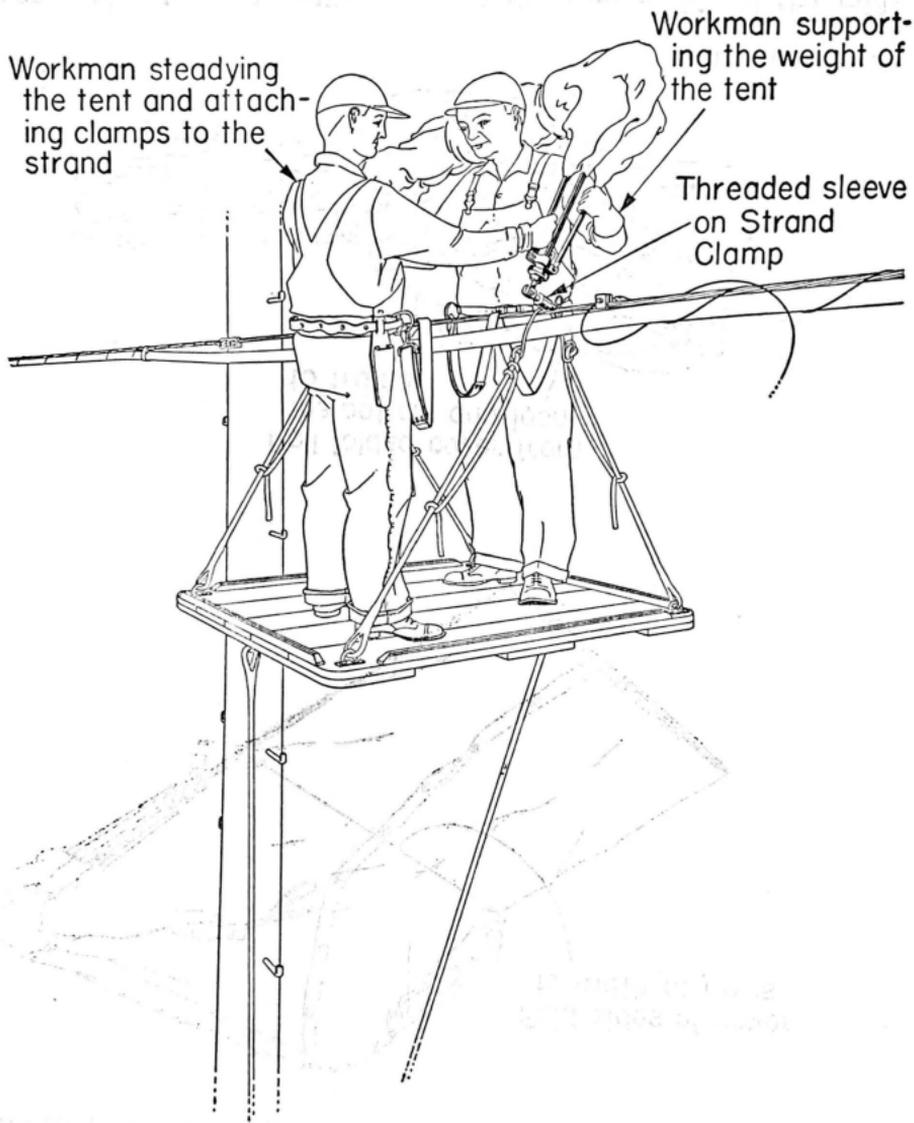
### 3. INSTALLATION ON AERIAL PLATFORM

3.01 Place the tent on a smooth, clean surface. Then fold and roll the sides of the cover and secure them to the frame, as illustrated in the following sketches, to facilitate installation of the tent.



3.02 Attach the handline around the tent at about the midpoint of the frame and raise the tent to the platform with the safety strap attached to the strand. The workman aloft should place the tent on the platform, remove the handline and wait for assistance to erect the tent.

3.03 The sketch below shows the method of placing the tent on the strand. The frame is secured to the strand by tightening the threaded sleeves.



3.04 With the frame in a vertical position, raise the side bows and turn the latches on the sliding sleeves to lock the bows in position.

- 3.05 Drop the sides of the tent carefully and prepare the guy ropes for tying.
- 3.06 As one workman holds the tent, the other workman should pass each guy rope on his side of the strand through a U-bolt in the platform and then tie it by means of half hitches. The other side of the tent should be guyed in a similar manner.

#### **4. REMOVING TENT**

4.01 As one workman holds the tent, the other releases the guy ropes on his side of the platform. Then release the side bows and wrap the cover loosely around the frame. Then loosen the strand clamps and remove the tent from the strand. Roll and tie the sides of the cover to the frame and attach the handline to the tent.

4.02 With one workman holding the free end of the handline on the ground, lower the tent.

4.03 Prepare the tent, as covered in Paragraph 3.01, for storage in the tent bag or for installation at another location.

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

#### **5. MAINTENANCE**

5.01 If the tent requires maintenance or if the cover needs laundering, it should be returned in accordance with local routine.