

BOOTH—OUTDOOR
KS-14611

IDENTIFICATION AND INSTALLATION

1. GENERAL

1.04 This booth is designed primarily for standup service; however, a KS-19425, List 11 seat assembly can be used if desired.

2. IDENTIFICATION

BASIC BOOTH (Fig. 2)

2.01 Two versions of the basic booth are:

(a) *KS-14611, List 3*

- Satin anodized aluminum
- May be unfinished or finished with one of the following:

KS-14611, List 60—Red

KS-14611, List 61—Blue

KS-14611, List 62—Green

KS-14611, List 63—Clear

(b) *KS-14611, List 6*

- Polished anodized aluminum *ONLY*

2.03 The door consists of two vertical sections, each containing two clear safety glass panels. The door is self-closing and folds along the right wall when opened.

LIGHT FIXTURE

2.07 The booth and phone signs are illuminated by a KS-19207, List 4 light fixture (see Section 508-820-100). This light fixture replaces the older B-185379 light fixture assembly.

DOME STOP

2.09 The KS-20224 dome stop (Fig. 3), a spring loaded device, is designed to mount along the door track (Fig. 4) to prevent the dome from falling when the fasteners are released.

2.08 The ceiling is equipped with a B-185369 plastic dome designed to cover the light fixture and exclude dirt and insects.

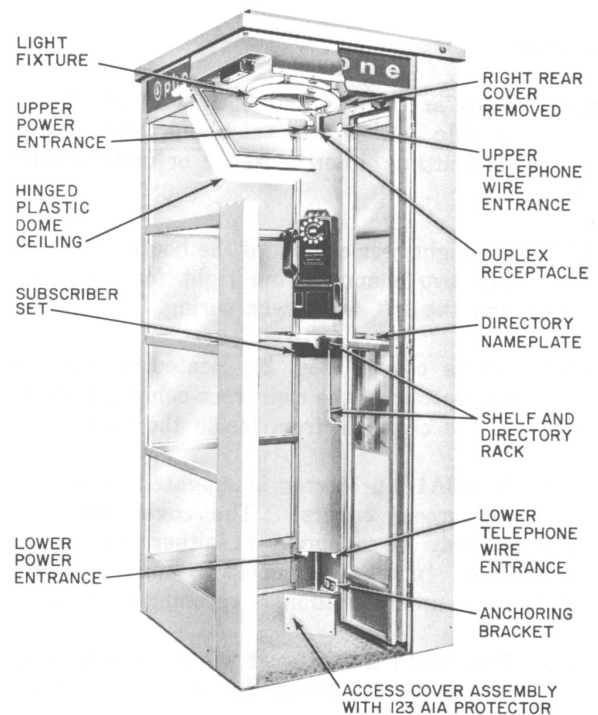


Fig. 2—KS-14611 Booth Showing Individual Features

The KS-14611 booth (Fig. 2) is an outdoor aluminum and glass phone booth designed for single installation.

SECTION 508-352-100

2.10 To lower the dome, push up on dome stop as shown in Fig. 5. After dome is lowered, release the stop.

LIGHT CONTROL UNIT

2.11 A KS-19261, List 1 or List 2 light control unit may be used to switch the lamps on at darkness and off at daylight (see Section 508-825-100).

- KS-19261, List 1 provides automatic light control for booths equipped with KS-19207, List 4 light fixture.
- KS-19261, List 2 provides automatic light control for booths equipped with B-185379 light fixture assembly.

WIRING

2.12 Holes at the top and bottom of the booth provide access for telephone and power wiring, permitting either overhead or underground entrances.

2.13 The right rear column of the booth is divided into two channels; the right for telephone wiring and the left for power wiring.

2.14 Access covers (Fig. 2), located at the top and bottom of the right rear column, provide access to the channels from inside the booth.

2.15 A 123A1A protector is mounted on one of the access covers. The cover with the protector may be mounted at either the top or the bottom. In areas subjected to snow or heavy rainfall, the upper location is recommended.

2.16 This booth is furnished wired for subscriber set and for coin collector/telephone connections.

COIN COLLECTOR/TELEPHONE AND SUBSCRIBER SET

2.17 The right rear corner panel is designed to mount either a 200-type coin collector/telephone or a 1A-type coin telephone. No additional backboard is necessary.

2.18 If a subscriber set is required, a hinged mounting bracket for this purpose is located under the corner shelf. (Fig. 6).

FLOOR

2.19 The KS-14611 booth is equipped with a B-182718-1 aluminum treadplate floor.

2.20 Four adjustable brackets (Fig. 7) are provided to permit leveling and anchoring.

SHELF AND DIRECTORY ARRANGEMENTS

2.21 Shelf assemblies, directory racks, and associated apparatus are listed in Table D and shown in Fig. 8 through 10.

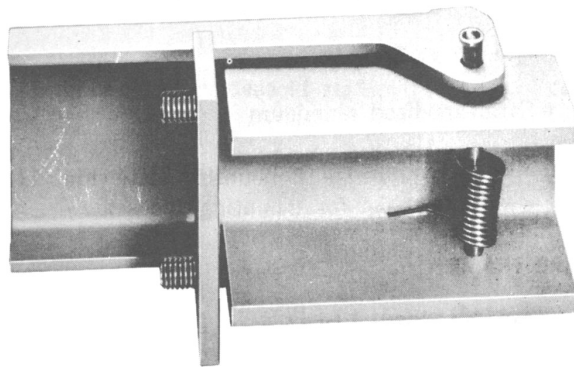


Fig. 3—KS-20224 Dome Stop

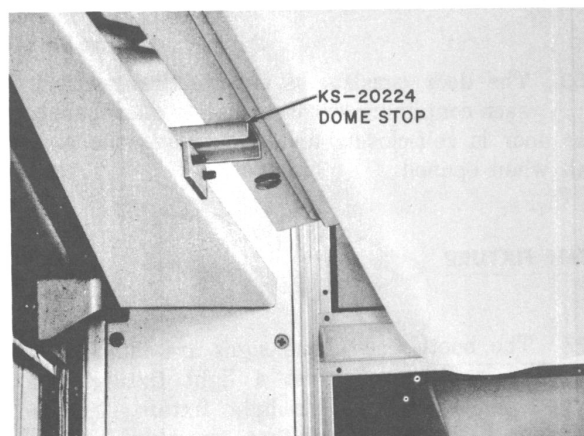


Fig. 4—KS-20224 Dome Stop Installed

TABLE A
DOOR, SIDE, AND REAR PANELS
AND GLAZING STRIPS

| SPEC NO. | LIST NO. | DESCRIPTION | | LOCATION | GLAZING STRIP |
|----------|----------|--|--------------|--------------|---------------|
| KS-14611 | 16 | Satin Finished Aluminum (List 3 Booth only) | | Side or Rear | B-685411-3 |
| | 18 | Tempered Glass | 7/32-in. thk | Door | B-179367-4 |
| | 75 | | 1/4-in. thk | | |
| KS-19580 | 10 | | 7/32-in. thk | Side or Rear | B-685410-3 |
| | 11 | | 1/4-in. thk | | |
| | 32 | Polished Aluminum (List 6 Booth only) | | | |
| | 93 | Porcelain Enamel | Blue | | B-685411-3 |
| | 94 | | Gray | | |
| | 95 | | Red | | |

TABLE B
SIGN PANELS AND GLAZING STRIPS

| SPEC NO. | LIST NO. | DESCRIPTION | | LOCATION | GLAZING STRIP |
|----------|----------|----------------------|------------|----------------|---------------|
| | | LETTERS | BACKGROUND | | |
| KS-14611 | 101 | White | Blue | Front | B-179367-1 |
| | 102 | Blue | White | | |
| | 105 | None | White | | |
| | 106 | None | Blue | | |
| | 103 | White | Blue | Rear and Sides | B-179367-2 |
| | 104 | Blue | White | | |
| | 107 | None | White | | |
| | 108 | None | Blue | | |
| | 35 | Solid Aluminum Blank | | | |

TABLE C
BOTTOM PANELS

| SPEC NO. | LIST NO. | DESCRIPTION | | REMARKS |
|----------|----------|-------------|-------|-------------------------|
| KS-14611 | 52 | Rear | Solid | For use in List 3 Booth |
| | 53 | Side | | |
| | 54 | Rear | Short | |
| | 55 | Side | | |
| KS-19580 | 38 | Side | Short | For use in List 6 Booth |
| | 39 | Rear | | |
| | 40 | Side | Solid | |
| | 41 | Rear | | |

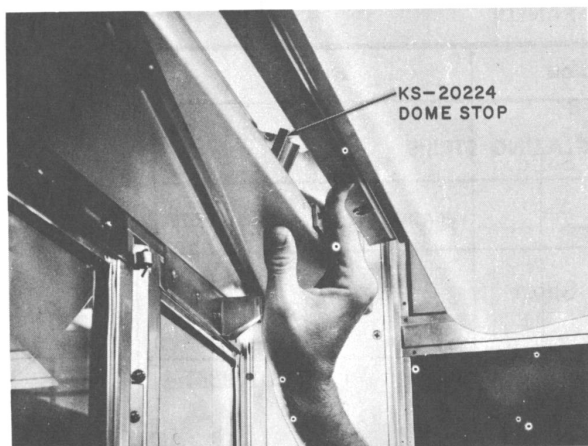


Fig. 5—Releasing Dome Stop

SEAT

- 2.22** A KS-19425, List 11 seat assembly (Fig. 11) may be used if desired.
- 2.23** A KS-19425, List 12 mounting plate (Fig. 11) must be used for mounting the seat.

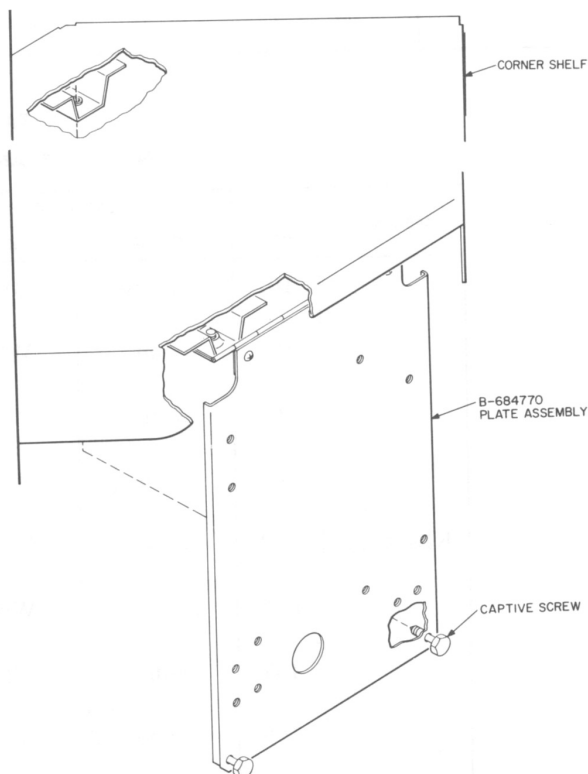


Fig. 6—Subscriber Set Mounting Bracket

CARD FRAME

2.24 A KS-19928, List 2 card frame is used in this booth. Refer to Section 508-811-100 for complete information on the card frame.

POWER CORD ASSEMBLIES

2.25 KS-19580, List 30 power cord assembly (Fig. 19) is available for overhead power.

2.26 KS-19580, List 31 power cord group (Fig. 20) is available for ground level power.

3. INSTALLATION

- Spaced with a minimum clearance of 6 inches from property lines and buildings
- Placed with as little step-up as possible and still maintaining proper drainage

3.02 The KS-14611 booth requires anchoring at all installations.

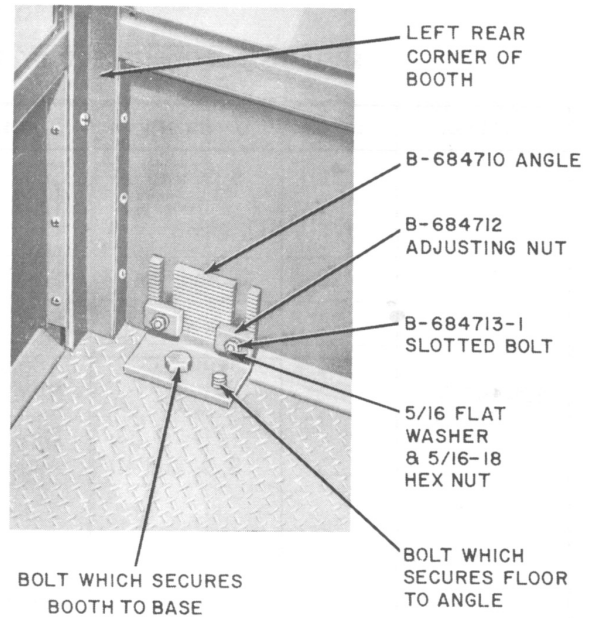


Fig. 7—Booth Anchoring Bracket

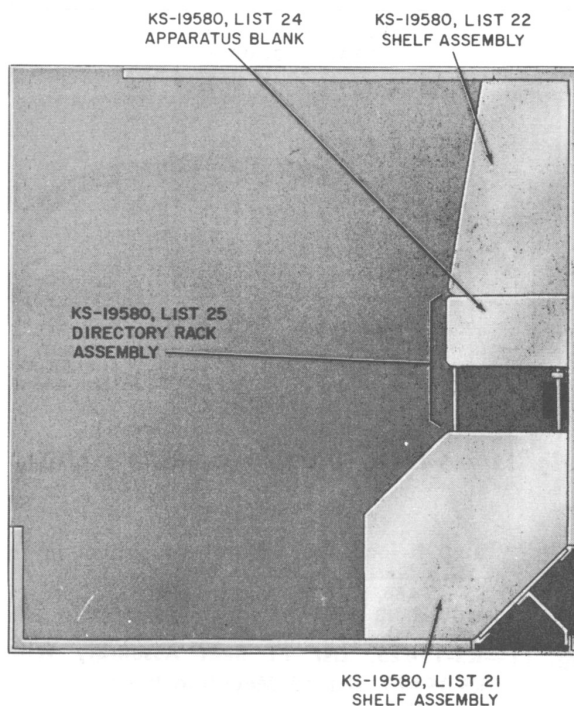


Fig. 8—Rear Wall Shelf Arrangement

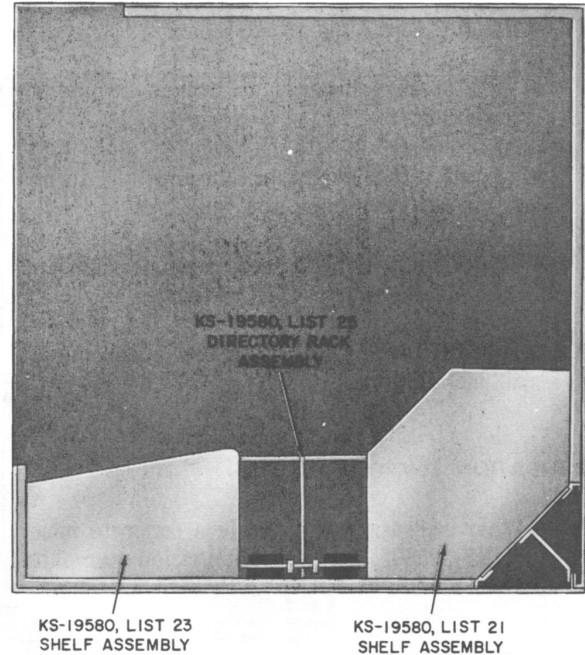


Fig. 9—Right Wall Shelf Arrangement

TABLE D

SHELF ASSEMBLIES, DIRECTORY RACKS, AND ASSOCIATED APPARATUS

| SPEC NO. | LIST NO. | FIG. NO. | DESCRIPTION | REMARKS |
|----------|----------|--------------|--------------------------|--|
| KS-19580 | 21 | 8, 9, and 10 | Shelf | Corner shelf. Furnished with all KS-14611 booths. Contains sub set mounting bracket (Fig. 6). |
| | 22 | 8 and 10 | Shelf Assembly | For use on rear wall |
| | 23 | 9 and 10 | Shelf Assembly | For use on right wall |
| | 24 | 8 and 10 | Apparatus Blank | For extending writing shelf surface over unused compartment of directory rack. |
| | 25 | 8, 9, and 10 | Directory Rack Assembly | Two-compartment rack for holding OD-type directory binders. Each compartment capable of holding one 3-inch binder. |
| | 26 | | Nameplate Blank Assembly | 3/4 by 2-3/4 hard brass. Used to mount on rear of directory compartment rack for placing directory information. |
| | 27 | | Nameplate Blank Assembly | 3/4 by 1-3/8 hard brass. Used to mount on rear of directory compartment rack for placing directory information. |

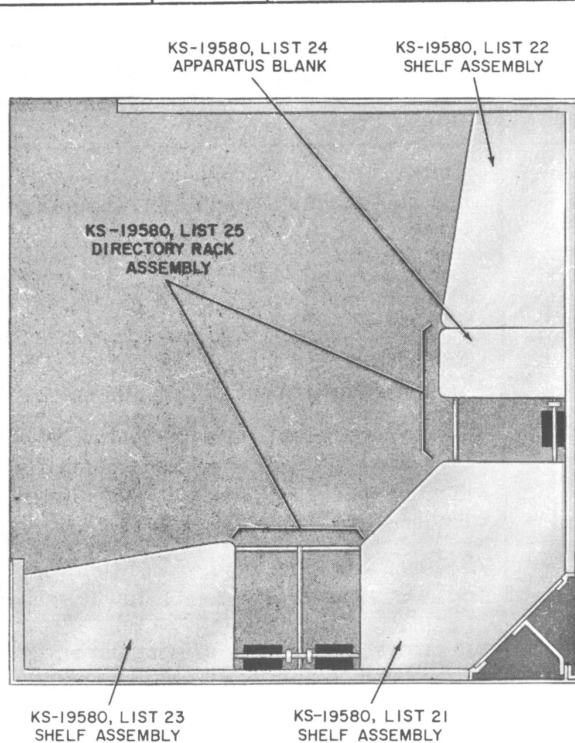


Fig. 10—Combination Shelf Arrangement

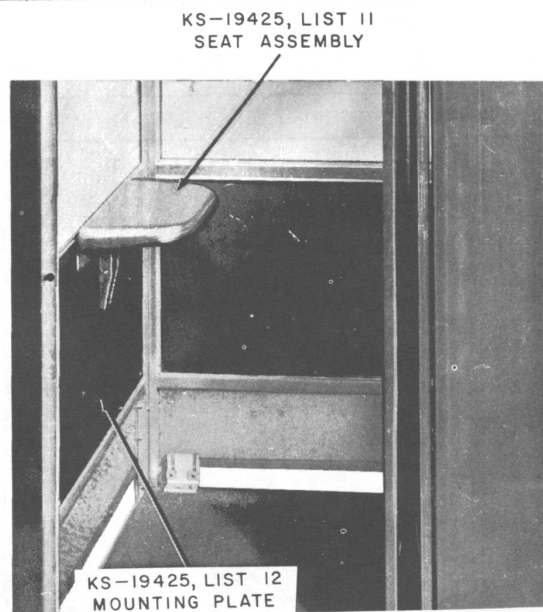


Fig. 11—KS-19425, List 11 Seat Assembly With KS-19425, List 12 Mounting Plate

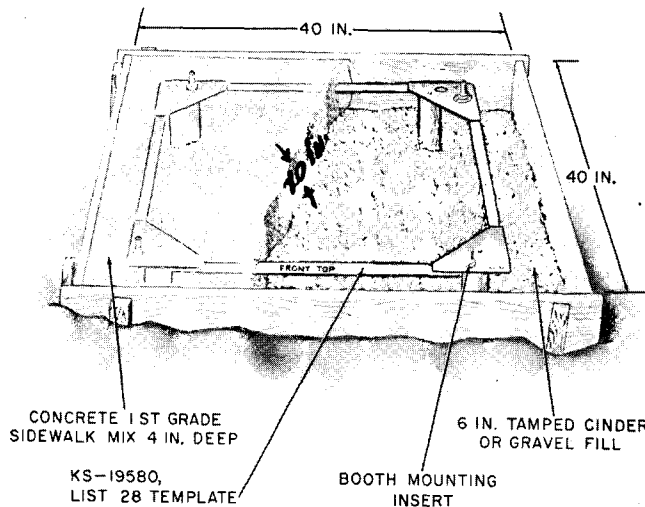


Fig. 15—Concrete Base Preparation With KS-19580, List 28 Template

3.04 Secure booth as follows:

- (a) If a KS-19580, List 28 foundation template is used, remove insert plugs from template and secure anchor brackets (Fig. 7) of booth to template using four 3/8-16 by 1-1/4 hex head bolts, four 3/8-inch lockwashers and four 3/8-inch flatwashers.
- (b) If a KS-19580, List 28 foundation template is not used, and the booth is to be mounted on concrete, perform the following operations:
 - (1) Mark the locations for four mounting holes.
 - (2) Drill the four holes to accept masonry fasteners for 3/8-16 by 1-1/4 bolts.
 - (4) Secure anchor brackets of booth to masonry fasteners using four 3/8-16 by 1-1/4 hex head bolts, four 3/8-inch lockwashers, and four 3/8-inch flatwashers.
- (c) If booth is to be mounted on a wooden floor, perform the following operations:
 - (1) Mark the location for four mounting holes.
 - (2) Drill four lead holes to accommodate 5/16 by 2-1/2-inch lag screws.

(3) Secure booth to floor using the four 5/16 by 2-1/2 inch lag screws, four 5/16-inch lockwashers, and four 5/16-inch flatwashers.

(d) Adjust the anchor brackets (Fig. 7) if necessary, and ensure that the booth is level.

DOOR REQUIREMENTS

3.05 After anchoring and leveling booth, check door for the following:

- (a) Door remains open 2 to 3 inches when it is at normal position.
- (d) See Section 508-352-300 for door adjustment.

TELEPHONE WIRING



Aerial wire spans fastened to booth should not exceed 25 feet.

First Attachment

3.06 Attach drop wire hook (Fig. 16) or corner bracket (Fig. 17) (whichever is required) on right rear column adjacent to the entrance hole as follows:

A. Drop Wire Hook

- (1) Secure drop wire hook to clinch nut (provided with booth) using one 1/4-20 by 3/4 FHM screw, one 1/4-inch flatwasher and one 1/4-inch lockwasher.

B. Corner Bracket

- (1) Secure the corner bracket to the threaded clinch nut using one 1/4-20 by 3/4 Phillips RHM screw.
- (2) Using the bracket as a template, drill a clearance hole for another 1/4-inch screw.

- (3) Further secure the bracket to the booth using one 1/4-20 by 3/4 Phillips RHM screw, one 1/4-inch flatwasher, one 1/4-inch lockwasher, and one 1/4-inch hex nut.

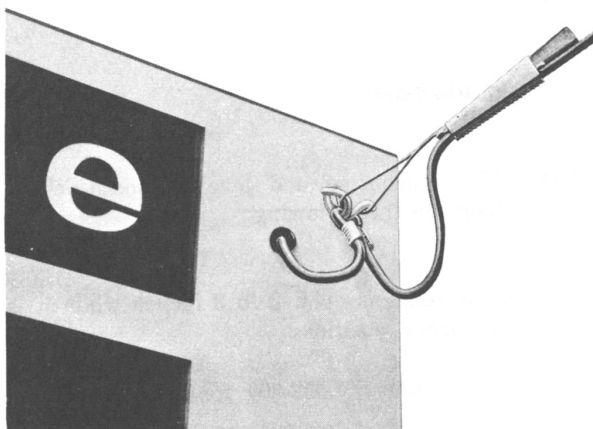


Fig. 16—Drop Wire Hook for First Attachment

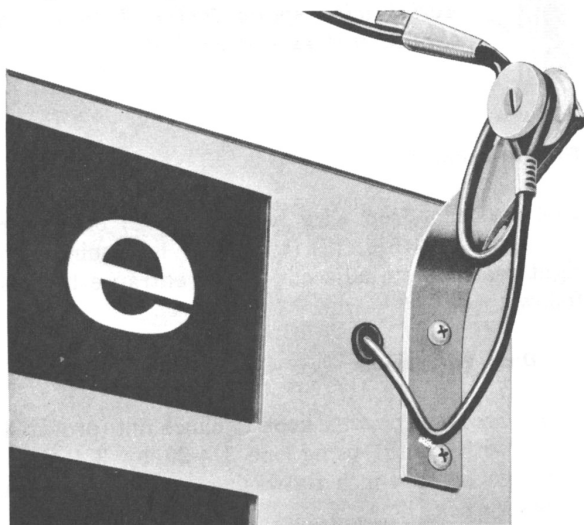


Fig. 17—Corner Bracket for First Attachment

Drop Wire

- 3.07 Telephone wire entrance holes are located in the following locations.

- Top of right-rear column

- Bottom of right-rear column

- Through metallic conduit to holes provided in the right-rear corner of the booth floor.

- 3.08 Feed drop wire through entrance hole and terminate on 123A1A station protector.



The protector is located in the top of the right-rear corner behind an access cover; however, it may be moved to the bottom of the right-rear corner if ground level or underground entrance is used.



The KS-14611 booth is equipped with bonding wires at both drop wire entrances. Before proceeding, check that one end is secured to the booth and the other end is terminated on the 123A1A protector.

COIN STATION CONNECTIONS

- 3.09 Station connection wires are furnished as shown in Fig. 18. Complete connections are covered in sections entitled Coin Collectors, Connections, and sections entitled Subscriber Sets, Connections.

ELECTRICAL WIRING AND GROUNDING

- 3.10 Electrical wiring and grounding of the booth is covered in Section 508-100-100.

Wiring

- 3.11 Power wire entrance holes are located in the following locations:

- Top of right-rear column
- Bottom of right-rear column
- Through metallic conduit to holes provided in the right-rear corner of the booth floor.

- 3.12 For overhead entrance with plug-in features, use KS-19580, List 30 power cord assembly and install per Fig. 19.

- 3.13 For ground level entrance with plug-in features, use KS-19580, List 31 power cord group and install per Fig. 20.

Grounding

3.14 Ensure that the ground terminal of the station protector is connected to the booth with bonding wire provided. If bonding wire becomes broken or damaged, use a suitable wire no less than No. 14 AWG.

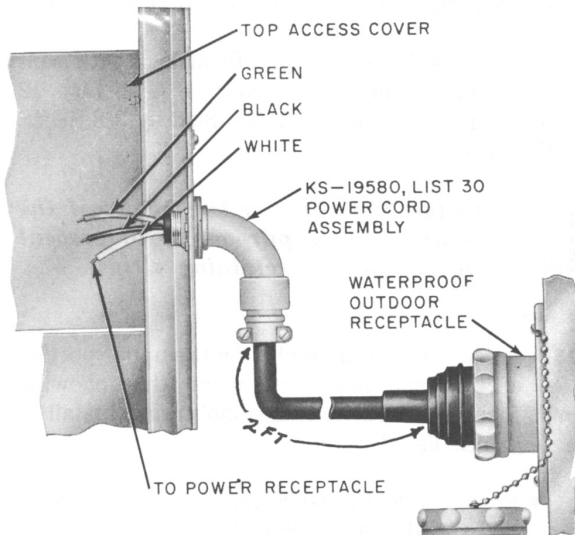


Fig. 19—KS-19580, List 30 Power Cord Assembly Overhead Entrance

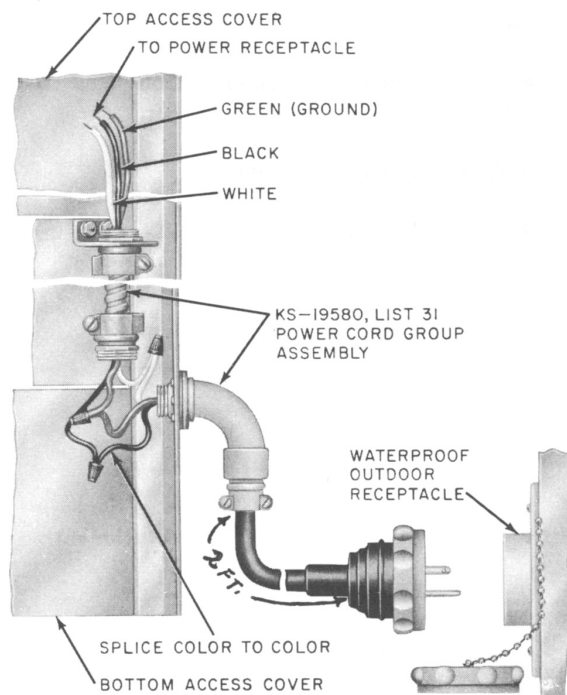


Fig. 20—KS-19580, List 31 Cable and Cord Group for Ground Level Entrance

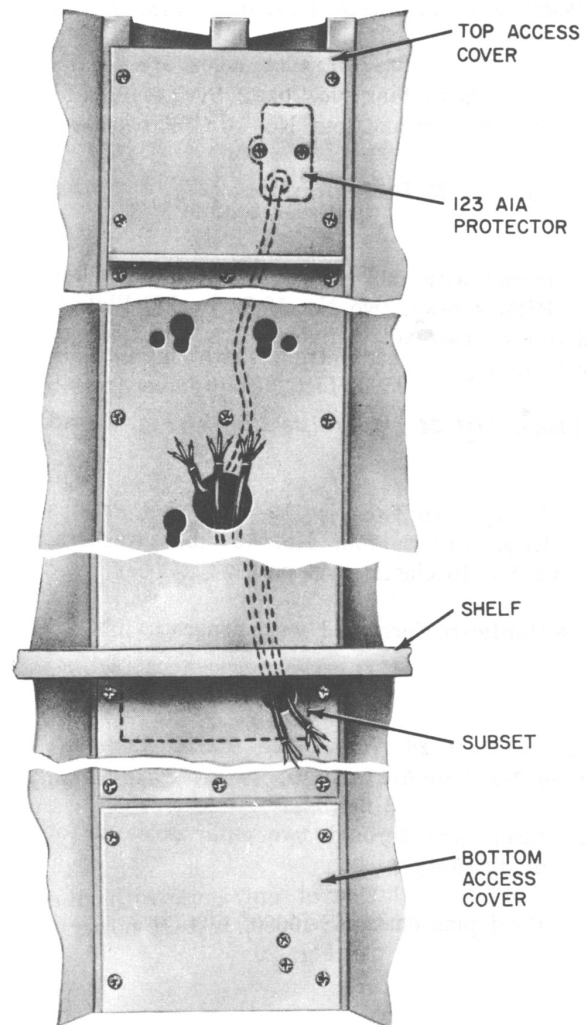


Fig. 18—Station Wiring

DIRECTORY RACK AND SHELF ASSEMBLIES

KS-19580, List 21 Shelf Assembly (Fig. 8, 9 and 10)

3.15 Secure with four No. 10-32 by 1/2 Phillips FHM screws and four No. 10 CKS washers.

KS-19580, List 22 Shelf Assembly (Fig. 8 and 10)

3.16 Install with four No. 10-32 by 1/2 Phillips FHM screws and four No. 10 CSK washers.

KS-19580, List 23 Shelf Assembly (Fig. 9 and 10)

- 3.17 Install with four No. 10-32 by 1/2 Phillips FHM screws and four No. 10 CSK washers.

KS-19580, List 25 Directory Rack (Fig. 8, 9 and 10)

- 3.18 Install with four No. 10-32 by 1/2 Phillips RHM screws, two No. 10-32 by 1/2 Phillips FHM screws, two No. 10 flatwashers, and two No. 10 lockwashers.

KS-19580, List 24 Apparatus Blank (Fig. 8 and 10)

- 3.19 Install with two No. 10-32 by 5/8 Phillips RHM screws, four No. 10 fiber washers, and two No. 10 elastic stop nuts.

- Hardware furnished with apparatus blank.

KS-19580, List 26 Nameplate Blank Assembly (3/4 by 2-3/4 inches)

- 3.20 Insert pins through two outer holes at top of directory rack.
- 3.21 Bend pins on back side of directory rack.

KS-19580, List 27 Nameplate Blank Assembly (3/4 by 1-3/8 inches)

- 3.22 Insert one pin through one of the outer holes and the other pin through center slot at top of directory rack.
- 3.23 Bend pins on back side of directory rack.

SEAT ASSEMBLY

- 3.24 Install KS-19425, List 12 mounting plate as follows:

- (a) Install the mounting plate in the same manner as a standard glass panel in the bottom position on the left side of the booth.
- (b) Install a B-650894 clip (furnished with seat assembly) on each corner of the List 12 mounting plate, using four No. 8-32 by 3/8 SEMS RHM screws.



Install the clips on the inside of the booth. Their purpose is to prevent the removal of retaining strips.

- 3.25 Install the seat assembly on the upper portion of the mounting plate using the following items (furnished with seat assembly) and install in the sequence listed.

- Four 1/4-20 by 1-1/8 carriage bolts (install with heads on outside of booth)
- Four B-650893 spacers
- Seat assembly
- Two 1/4-inch flatwashers (front and rear bolts)
- Four 1/4-inch lockwashers
- Four 1/4-20 cap nuts