

BOOTH—OUTDOOR
KS-14611
IDENTIFICATION AND INSTALLATION

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COIN COLLECTOR/TELEPHONE AND SUBSCRIBER SET	3	1. GENERAL	
FLOOR	5	1.01 The KS-14611 booth is rated MD.	
SHELF AND DIRECTORY ARRANGEMENTS	5	1.02 This section is reissued to:	
SEAT	6	• Make text, illustrations, and tables compatible with latest issue of specification KS-14611	
CARD FRAME	6	• Change title	
POWER CORD ASSEMBLIES	6	• Include information formerly contained in Section 508-352-200 which is hereby cancelled	
3. INSTALLATION	6	Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.	
FOUNDATION TEMPLATE	8		
DOOR REQUIREMENTS	10	1.03 The KS-14611 booth (Fig. 1) is an outdoor aluminum and glass phone booth designed for single installation.	
TELEPHONE WIRING	10		

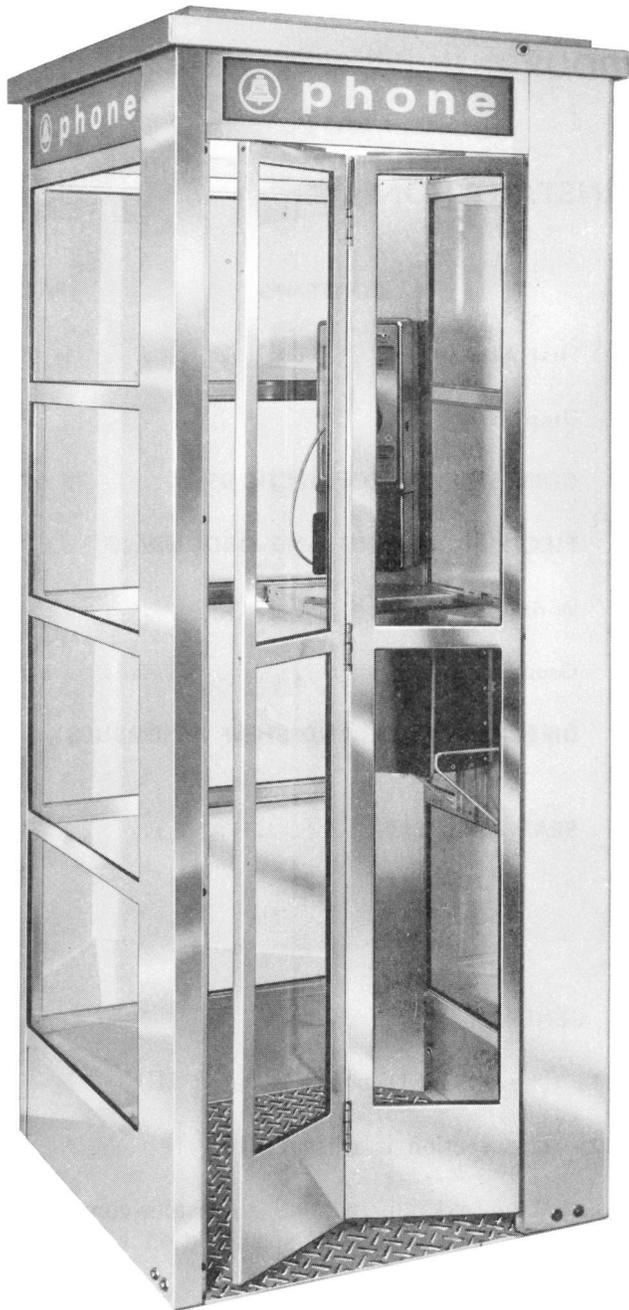


Fig. 1—KS-14611 Booth

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
- Not available in any additional finish

2.02 The overall dimensions of the booth are:

- Height—86-1/8 inches
- Width—35-7/16 inches at roof 33-1/2 inches at base
- Depth—35-7/16 inches at roof 33-1/2 inches at base

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.

DOOR, SIDE, AND REAR PANELS

2.04 Door, side, and rear panels are available as described in Table A.

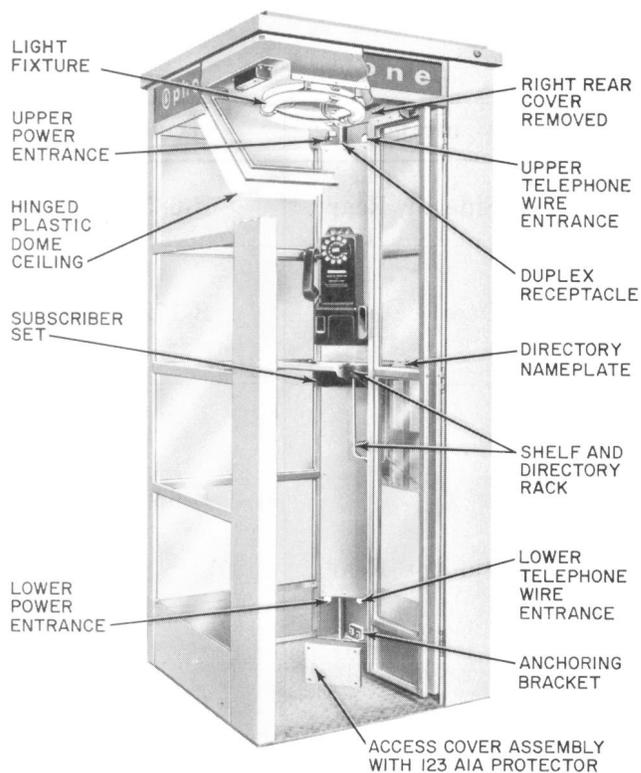


Fig. 2—KS-14611 Booth Showing Individual Features

SIGN PANELS

2.05 Sign panels and blanks are available as described in Table B.

BOTTOM PANELS

2.06 Bottom panels are available as described in Table C.

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.

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

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.

2.10 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

**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	Tempered Glass	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		

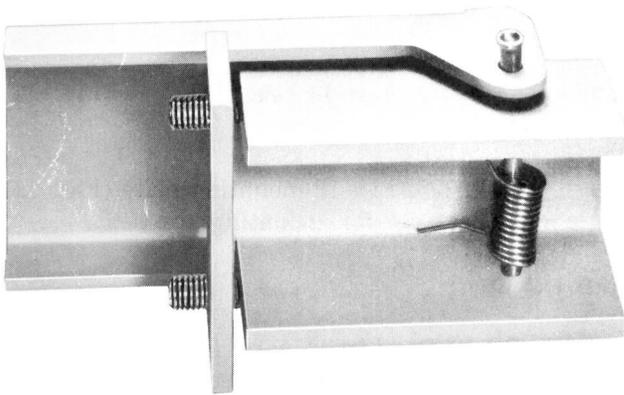


Fig. 3—KS-20224 Dome Stop

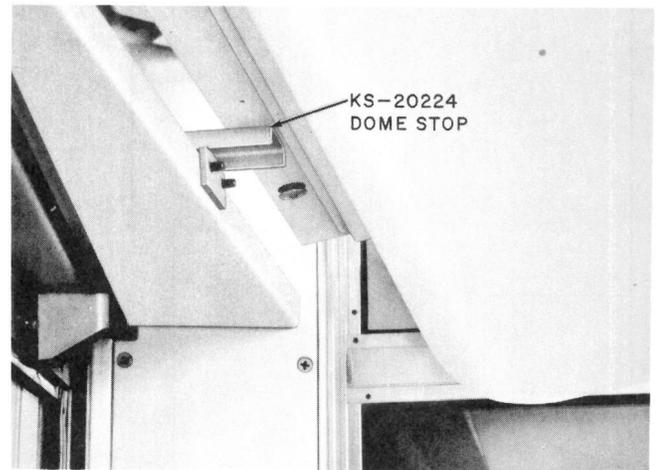


Fig. 4—KS-20224 Dome Stop Installed

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.

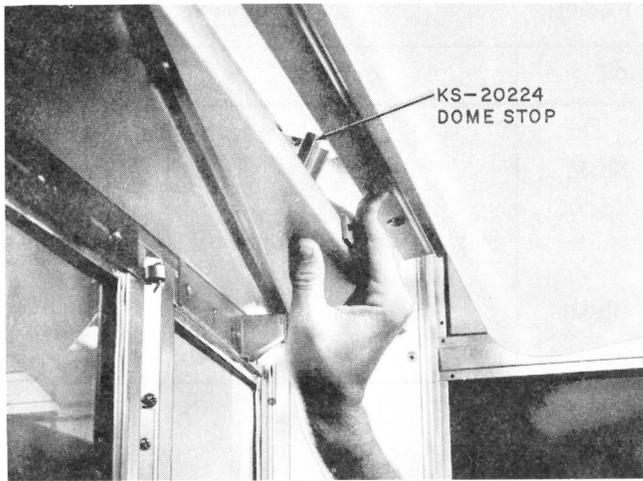


Fig. 5—Releasing Dome Stop

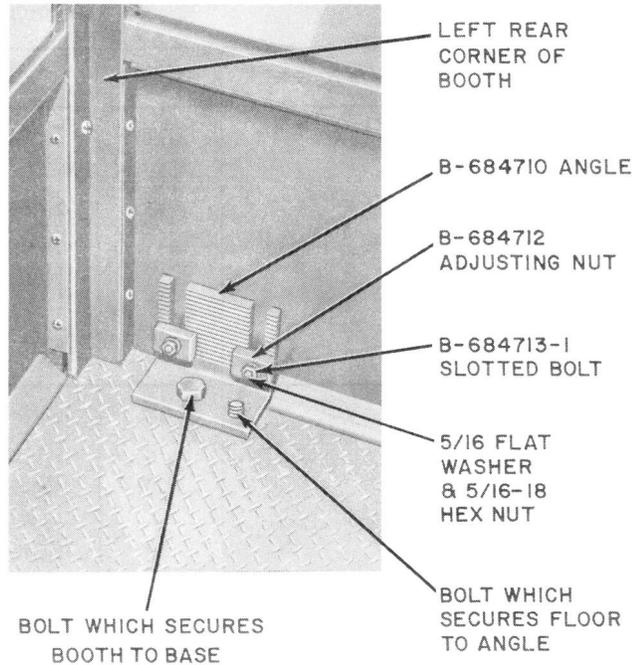


Fig. 7—Booth Anchoring Bracket

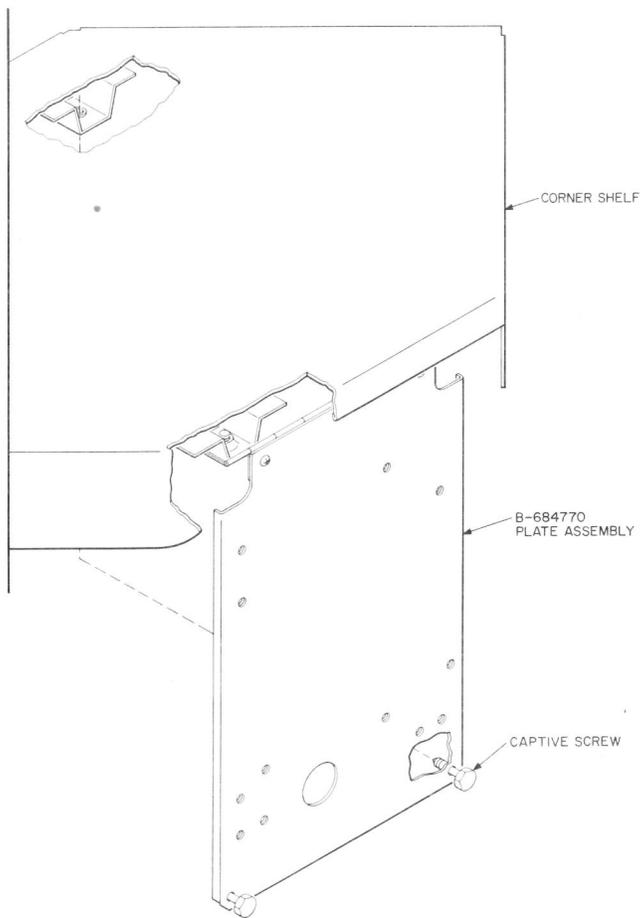


Fig. 6—Subscriber Set Mounting Bracket

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.

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. 12) is available for overhead power.

2.26 KS-19580, List 31 power cord group (Fig. 13) is available for ground level power.

3. INSTALLATION

3.01 Booth location should be:

- Within full view of public

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.

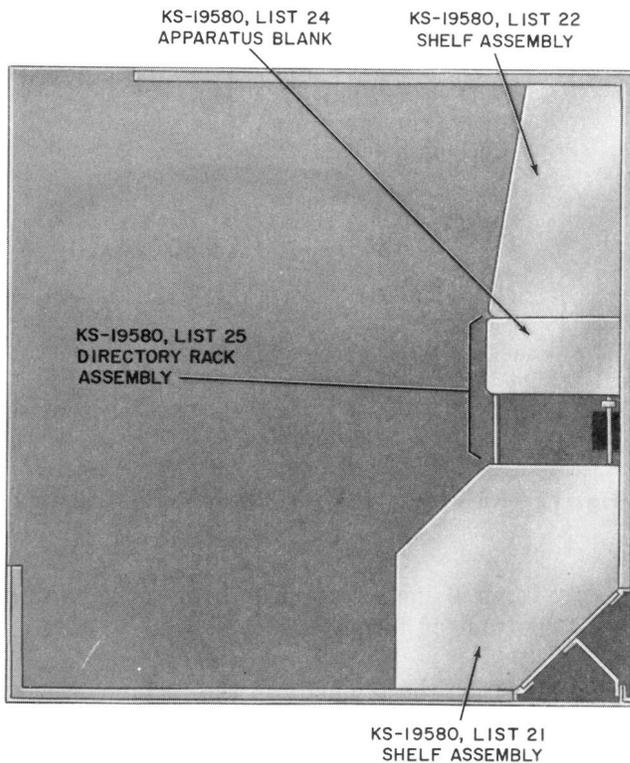


Fig. 8—Rear Wall Shelf Arrangement

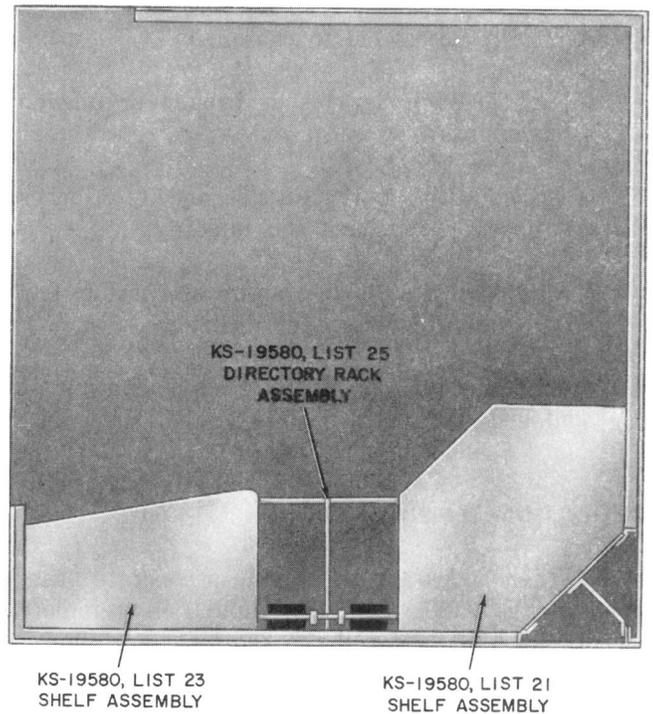


Fig. 9—Right Wall Shelf Arrangement

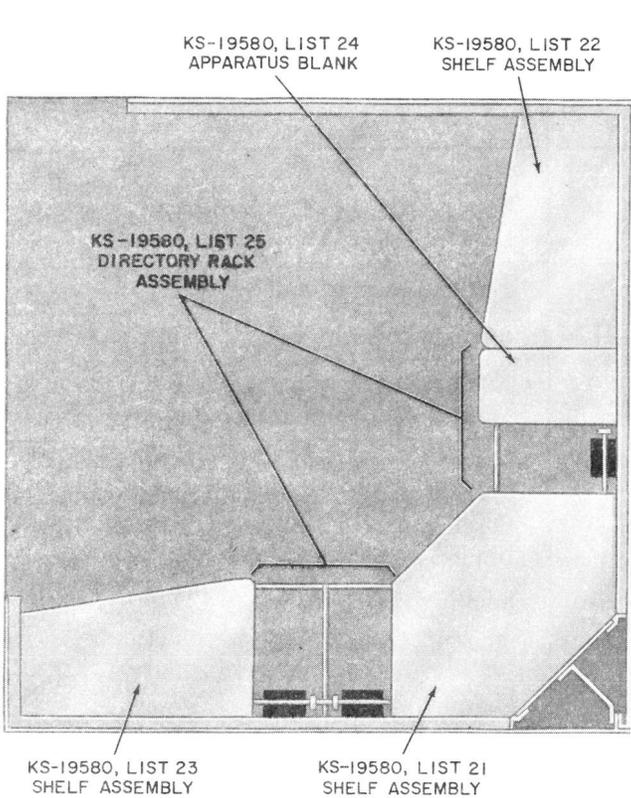


Fig. 10—Combination Shelf Arrangement

- Readily accessible to customer
- Free of such hazards as broken or uneven pavements
- 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.

FOUNDATION TEMPLATE

3.03 When necessary to provide a concrete base, a KS-19580, List 28 foundation template (Fig. 14) is used. Install the template as follows:

(a) Prepare a form 40 inches square with an inside depth of 10 inches (Fig. 15).

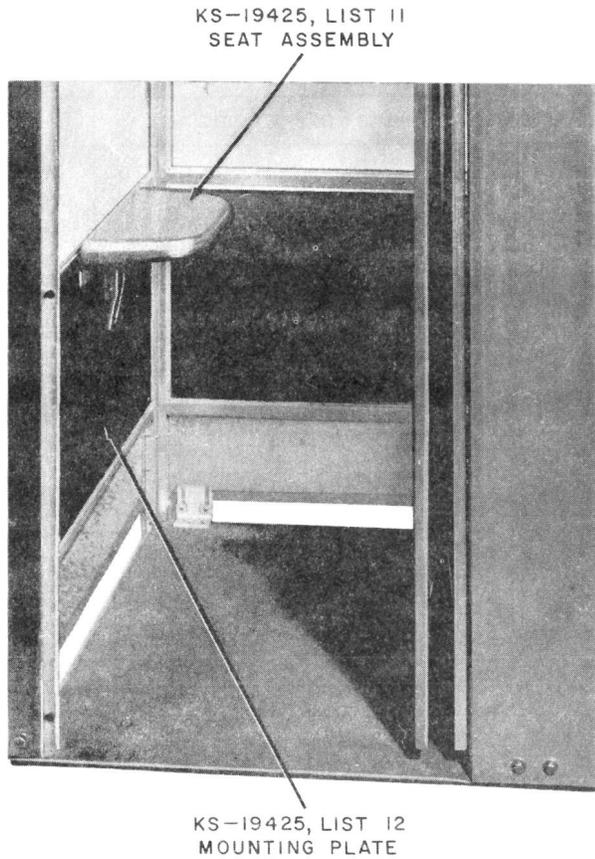


Fig. 11—KS-19425, List 11 Seat Assembly With KS-19425, List 12 Mounting Plate

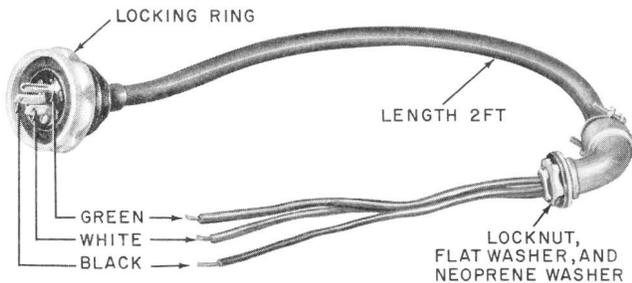


Fig. 12—KS-19580, List 30 Power Cord Assembly

- (b) Tamp 6 inches of cinders or gravel in the bottom of form.
- (c) Position the template in the form on wooden blocks so that the top of four mounting inserts will be flush with concrete base as shown in Fig. 15.

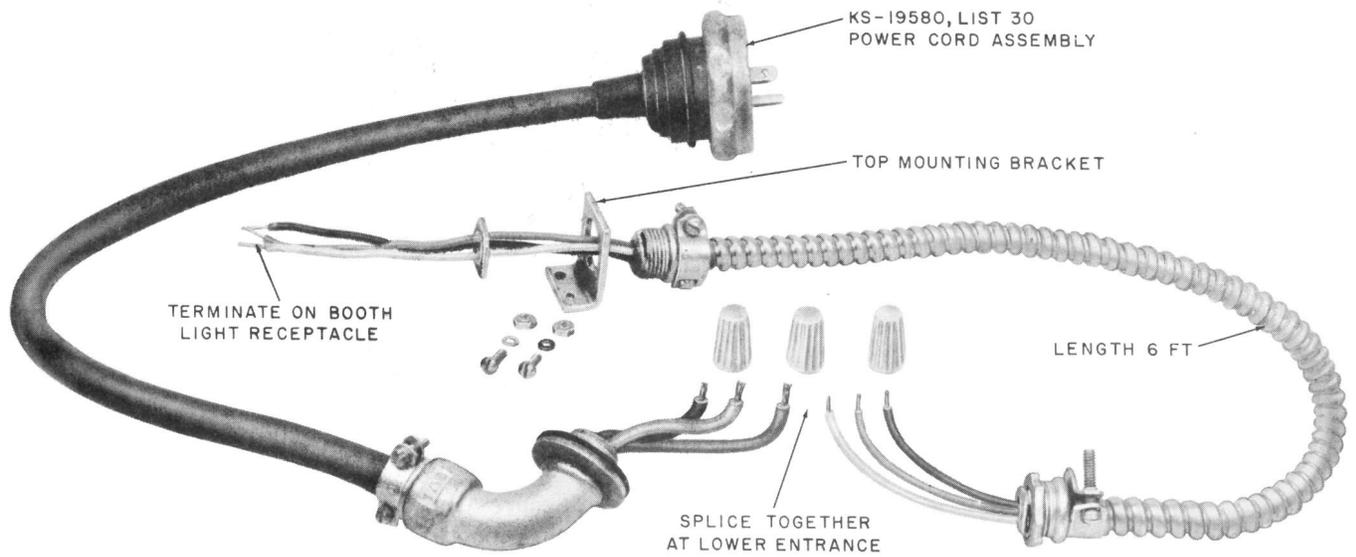


Fig. 13—KS-19580, List 31 Power Cord Group



Nail holes are provided in the four corners of the template for fastening the wooden blocks. Use the blocks to level and support the template at the proper height.

(d) If underground power and telephone wires are to be used, provide for holes in the concrete base at the positions of corresponding holes in the template.



Do not remove screw plugs from booth mounting inserts until booth is installed. Their sole purpose is to prevent dirt from filling mounting holes.

(e) Pour concrete around the template to fill the form.

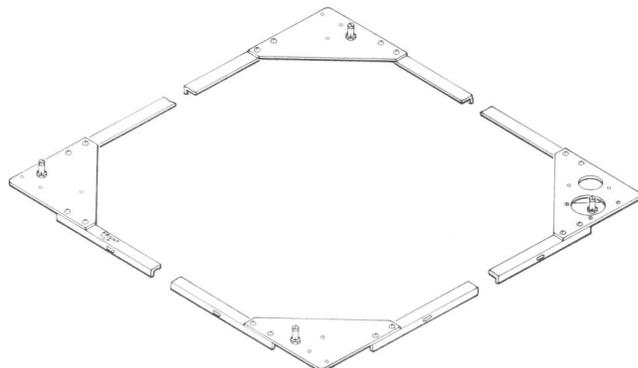


Fig. 14—KS-19580, List 28 Foundation Template

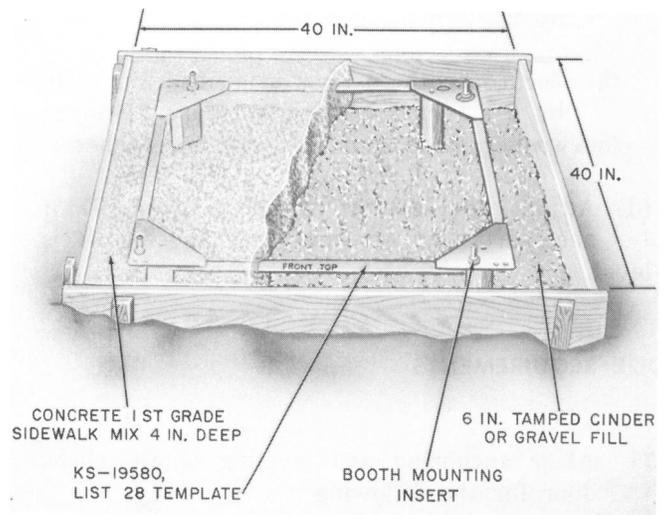


Fig. 15—Concrete Base Preparation With KS-19580, List 28 Template

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.

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(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.
- (3) Install the masonry fasteners. See Section on Masonry Fasteners.
- (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.
- (b) When pushed closed from inside, the door should remain completely closed.
- (c) A pull on the handle should open and restore the door to 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.

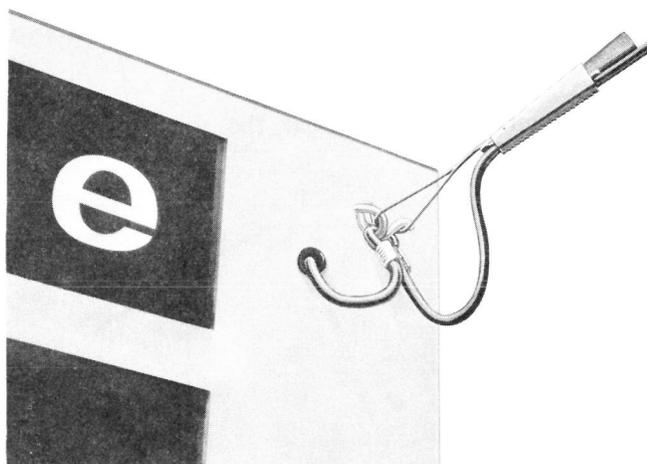


Fig. 16—Drop Wire Hook for First Attachment



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.

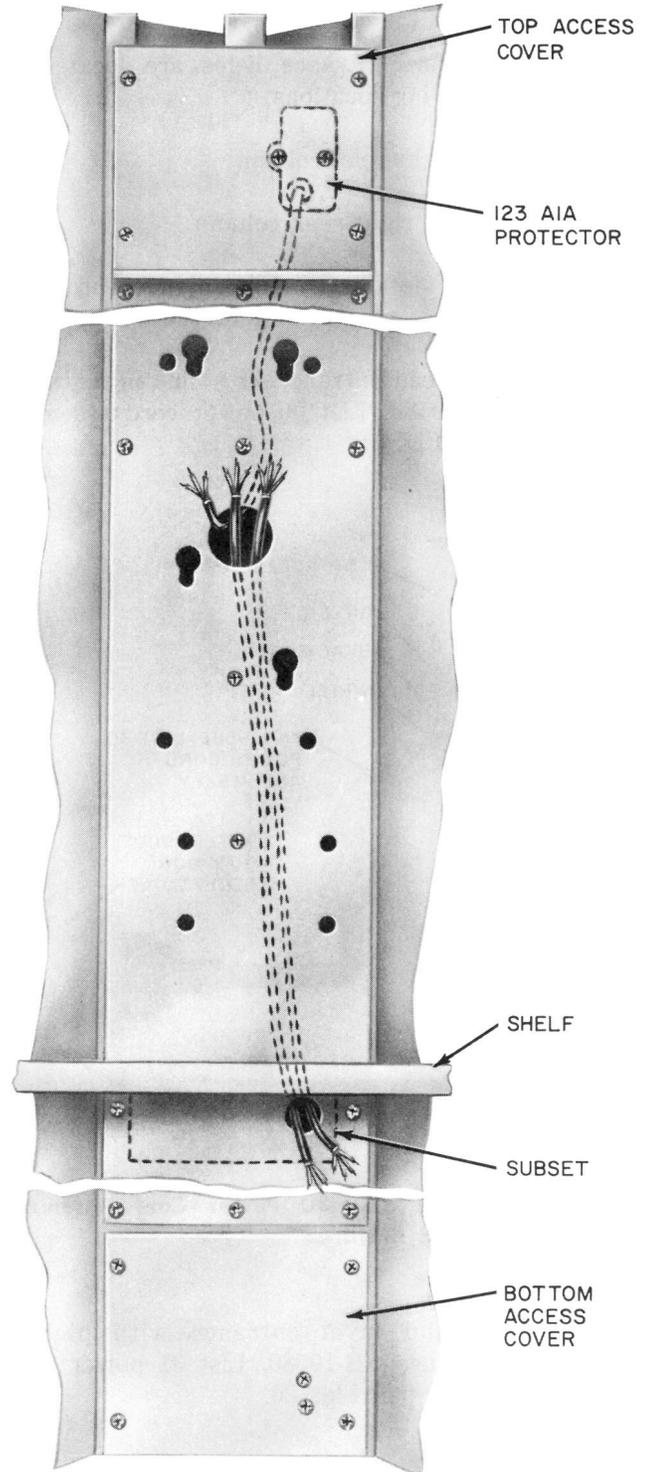


Fig. 18—Station Wiring

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.

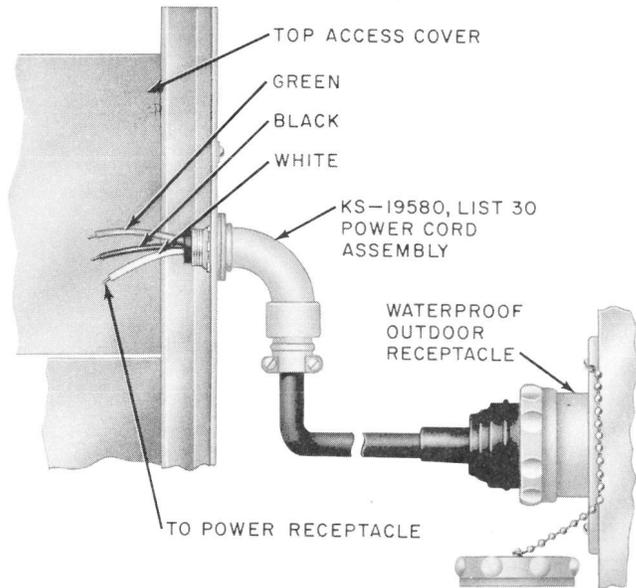


Fig. 19—KS-19580, List 30 Power Cord Assembly Overhead Entrance

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

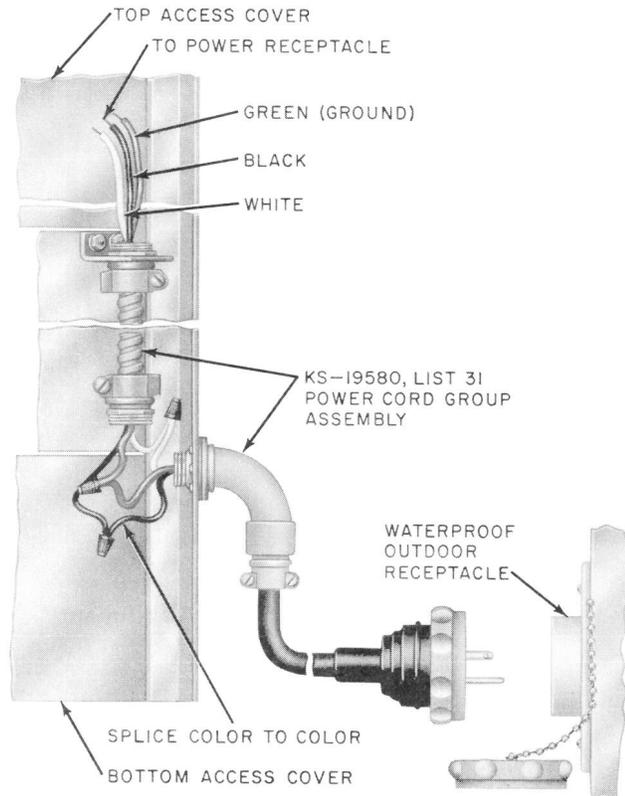


Fig. 20—KS-19580, List 31 Cable and Cord Group for Ground Level Entrance

with bonding wire provided. If bonding wire becomes broken or damaged, use a suitable wire no less than No. 14 AWG.

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