

LIST OF DRAWINGS

1. GENERAL

1.01 This section covers a listing of all drawings available in handbook size and letter size. For distribution codes see SD-CD 128.001. For standard holders, 128.001-1-300 Switching, 128.001-2 112A Key, and 128.001-3 102 Key.

2. INDEX OF DRAWINGS

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CHART I

DRAWING NO.	PBX													PBX AND ORDER TURRET DESCRIPTION									
	554B	554C	550C*	506A*	506B*	507A	507B	550B*	550C*	550SC*	551A*	551B*	551D		555A	600C*	604C*	740A	750A*	755	#1 Order Turret *	#2 Order Turret	
SD-65118-01																							**Ringing Circuit (Rep. by SD-66182-01)
SD-65121-01			X	X	X																		Manual Long Line - Thru Ringing - 14-26 Volts
SD-65122-01		X	X	X	X																		Manual Long Line - Thru Ringing - 36-48 Volts
SD-65149-01		X	X	X	X																		Trunk Circuit
SD-65150-01																							Station Line
SD-65151-01																							Ringing Circuit
SD-65152-01																							Buzzer Circuit
SD-65153-01																							Battery Switch Circuit
SD-65173-01																							Manual Long Line - Thru Ringing - 15-20 Volts
SD-65680-01																							Station Line, Trunk, Connecting telephone, ringing, buzzer & Tie Trunk Circuits
SD-65714-01																							Cord, Telephone, Auxiliary Signal Circuit
SD-65715-01																							Trunk Circuit
SD-65716-01																							Secretarial Line Circuit
SD-65719-01																							Manual Conference Circuit with Voice Repeater
SD-65727-01																							Secretarial Line Circuit
SD-65733-01																							2-Way Automatic Tie Trunk Circuit
SD-65736-01																							Trunk, Station Line, and Attendant's Key, Modification
SD-66022-01																							*Cord Circuit
SD-66023-01																							Telephone & Dial Circuit
SD-66030-01																							Cord Circuit
SD-66031-01																							Telephone & Dial Circuit
SD-66039-01																							Telephone & Dial Circuit
SD-66063-01																							The Trunk Outgoing Man. Selected, Dial Rept'ng-Incoming Man. & Dial Selected
SD-66086-01																							*Tie Trunk Two-Way to Manual or Dial PBX (Rep. by SD-66494-01)
SD-66087-01																							Dial Long Line - 10 PPS - Repeats Ringing - 14-26 Volts
SD-66109-01																							Dial Long Line - 10 PPS - Repeats Ringing - 36-48 Volts
SD-66110-01																							**Central Office Trunk
SD-66113-01																							**Station Line Circuit
SD-66115-01																							Station Line, Trunk, Connecting Telephone, Ringing & Buzzer Circuits
SD-66123-01																							**Tie Trunk, Two-Jack Thru & Terminating
SD-66148-01																							**Auxiliary Signal & Battery Cutoff Key Circuit (Rep. by SD-66183-01)
SD-66149-01																							**Position Grouping Key Circuit
																							Station Line, Trunk Connecting Telephone, Ringing & Buzzer Circuits

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CHART I

DRAWING NO.	PBX														PBX AND ORDER TURRET DESCRIPTION							
	554B	554C	505C*	506A*	507A	507B	550B*	550C*	550SC*	551A*	551B*	551D	555A	557A		600C*	604C*	740A	750A*	755	#1 Order Turret *	#2 Order Turret
SD-66151-01									X									X				Trunk Circuit to Central Office
SD-66159-01																		X				Line & Link Circuit
SD-66160-01																		X				*Station Circuit (Rep. by SD-66437-01)
SD-66161-01																		X				*Tone, Ringing, Alarm & Common Timing Circuit (Rep. by SD-66438-01)
SD-66163-01									X													Trunk Circuit
SD-66165-01									X													**Tie Trunk - Terminating
SD-66179-01									X													Cord Circuit
SD-66180-01									X													Telephone & Dial Circuit
SD-66180-01A									X													Telephone & Dial Circuit
SD-66181-01									X													Station Line
SD-66182-01									X													Ringing Circuit
SD-66183-01									X													Auxiliary Signal & Battery Cutoff Key Circuit
SD-66193-01									X													Position Grouping Key Circuit
SD-66195-01									X													Test Line Circuit
SD-66277-01									X													Multiple Switchboard - Trunk Circuit
SD-66338-01									X													Conference Circuit Manual
SD-66361-01									X													*Emergency Transfer Key Circuit (Rep. by SD-66451-01)
SD-66371-01	X																					Auxiliary Signal & Night Alarm Circuit
SD-66385-01																						Tone, Ringing, and Alarm Circuit
SD-66389-01									X													*Telephone, Dial & Trunk Circuit
SD-66390-01									X													Trunk Circuit
SD-66391-01									X													Trunk Circuit
SD-66394-01									X													Trunk Circuit
SD-66395-01									X													Ringing Circuit
SD-66396-01									X													Station Line Circuit
SD-66397-01									X													Cord Circuit - Single Supervision
SD-66398-01									X													Cord Circuit - Double Supervision
SD-66399-01									X													Telephone, Auxiliary Signal & Battery Cutoff Key Circuit
SD-66400-01									X													Position Grouping Key Circuit
SD-66401-01									X													Tie Trunk - Two-Way Manual Ringdown
SD-66417-01			X						X													Battery Feeder Test Set Circuit
SD-66437-01									X													Station Circuit

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CHART II

DRAWING NO.	KEY EQUIPMENT										SPECIAL DISTRIBUTION				Station	DESCRIPTION				
	1A	4A	5A	5B	6A	6B	100	101	102	112	300	1A	1A1	2A			2B	Speaker	Civil Air	Defense
SD-69000-01																			Multiple Line, Line and Aux. Signal Circuit, Retire Line Signal	
SD-69001-01						X													Multiple Line, Tie Line and Aux. Signal Circuit	
SD-69002-01						X													**Telephone Dial & Tripping Circuit (Rep. by SD-69162-01)	
SD-69064-01		X																	*Head Telephone Set (Rep. by SD-69087-01)	
SD-69065-01	X											X							*Business Office Station Special Order Service	
SD-69066-01				X															*Loudspeaker Equipment Key Control Circuit (Rep. by SD-69070-01)	
SD-69067-01			X																One Way Loudspeaker Conf. Service	
SD-69070-01				X															One or Two-Way Loudspeaker Conference Service	
SD-69087-01		X																	Single or Double Head Receivers	
SD-69091-01																			Line and Signal Circuit	
SD-69096-01												X							*Key & Telephone Circuit (Rep. by SD-69206-01)	
SD-69103-01													X						*Two Station Intercomm. (Rep. by SD-69204-01)	
SD-69104-01												X							*Key & Telephone Circuit (Rep. by SD-69208-01)	
SD-69105-01												X							Private Line Circuit	
SD-69111-01								X											Line & Automatic Tie Line Circuit and to Key Equipment Sta.	
SD-69127-01								X											Signaling Circuit 102 & 302	
SD-69128-01												X							*Key & Telephone Circuit (Rep. by SD-69206-01)	
SD-69129-01												X							*Key & Telephone Circuit (Rep. by SD-69188-01)	
SD-69132-01												X							*Key & Telephone Circuit (Rep. by SD-69207-01)	
SD-69133-01												X							Key & Telephone Circuit	
SD-69136-01												X							Key & Telephone Circuit	
SD-69140-01												X							**Line & Signaling Circuit (Strip Mounted)	
SD-69161-01												X							Automatic Exclusion Circuit	
SD-69162-01												X							*Key & Telephone Circuit (Rep. by SD-69197-01)	
SD-69164-01						X													Attendant's Tel. & Dial Circuit	
SD-69165-01												X							Manual Long Line Circuit Arranged for Selective Signaling	
SD-69174-01												X							*Station Circuit (Rep. by SD-69133-01 & SD-69207-01)	
SD-69185-01																			Volume Limiter (Bridge Type)	
SD-69186-01												X							Business Office Station, Special Order Service	
SD-69187-01												X							*Lamp, Key & Telephone Circuit (Rep. by SD-69206-01)	
SD-69188-01												X							*Lamp, Key & Telephone Circuit (Rep. by SD-69206-01)	
SD-69195-01												X							Lamp, Key & Telephone Circuit	
SD-69196-01												X							Telephone & Key Circuit 101A & 101B	
SD-69197-01	X											X							Telephone & Key Circuit Using 101A Key Equipment Unit	
SD-69199-01												X							*Telephone Set Circuit (Rep. by SD-69209-01)	
SD-69203-01												X							Intercomm. Line Dial Selected	
SD-69204-01												X							Line & Signaling Circuit	
SD-69205-01												X							Two Station Intercomm. Service	
												X							Key & Telephone Circuit	

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CHART II

DRAWING NO.	KEY EQUIPMENT								SPECIAL DISTRIBUTION				Station	DESCRIPTION	
	1A	4A	5A	5B	6A	6B	100	101	102	112	300	1A			1A1
SD-69207-01												X	X		Key & Telephone Circuit
SD-69208-01												X	X		Key & Telephone Circuit
SD-69209-01							X					X	X		Telephone Set Circuit
SD-69211-01												X	X		Station Signal Indicator Circuit
SD-69219-01												X	X		Key & Telephone Circuit
SD-69225-01															Station Circuit
SD-69226-01															Private Line Station Circuit
SD-69227-01															Line Key & Telephone Circuit
SD-69230-01															C. O. & PBX Line Circuit
SD-69236-01									X				X		2 Wire Dial Selecting Executive Calling System
SD-69241-01													X		Station Busy Lamp Circuit
SD-69242-01								X					X		Wink Hold Circuit
SD-69249-01								X					X		Att. Telephone & Key Circuit Wire & Radio Ckt., Att. override Ckt.
SD-69253-01															Private Line & Telephone Circuit 2-Way Signaling
SD-69254-01														X	Private Lines 2 & 4 Wire
SD-69255-01															Speakerphone System 1-A
SD-69262-01									X						Interposition Line Circuit
SD-69266-01									X						Flashing Circuit
SD-69270-01															C. O. or PBX Line & Signal Circuit
SD-69274-01									X						Line to Loudspeaker Circuit
SD-69278-01									X						Radio Supv. Panel Circuit Monitoring & Talking to Remote Radio Ckts.
SD-69279-01									X						Radio Patch & Test Panel Circuit
SD-69283-01									X						Station Line, Dial Selected One Way Over E & M Leads
SD-69284-01									X						Station Line, Dial Selected Two Way Over E & M Leads
SD-69285-01									X						Tie Line Circuit Dial Selected Two Way Over E & M Leads
SD-69286-01					X										Intercomm. Line Circuit
SD-69288-01															Panel Mounted Units
SD-69289-01															Radio Monitor Panel Circuit
SD-69290-01									X						Key & Telephone Circuit Using Separate Mounted Keys
SD-69294-01	X											X			Visual & Audible Signal Circuits
SD-69296-01									X						Line & Station Circuit Anti-Aircraft Operations
SD-69297-01									X						Line Pickup Circuit Crossbar Switches Nonlocking Pickup Keys
SD-69298-01									X						Visual Signal Control Circuit
SD-69301-01									X						Att. Telephone & Key Circuit 2 & 4 Wire Lines 6 Button Plug-in Keys
SD-69303-01									X						PBX Line & Signal Circuit With Intermittent Audible Signal
SD-69305-01									X						4 Wire Private Line Circuit 2-Way Ringdown Sig. Conference Connections
SD-69307-01									X						Maintenance Line Circuit Not Arranged For Signaling
SD-69308-01									X						Line & Position Connector Circuit

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CHART II

DRAWING NO.	KEY EQUIPMENT							SPECIAL DISTRIBUTION				Speaker-Phone	Civil Air Defense	Station	KEY EQUIPMENT AND SYSTEMS DESCRIPTION			
	1A	4A	5A	5B	5A	5B	6A	6B	100	101	102					112	300	1A
SD-69309-01													X					Att. Telephone Key & Lamp Circuit
SD-69311-01													X					Register Connector Circuit Indirect Access Circuit
SD-69312-01													X					Register Sender Link Circuit
SD-69316-01													X					Radio Control Line Circuit
SD-69317-01													X					2-Wire Local Line & Tie Line Circuit
SD-69318-01													X					Alarm Circuit
SD-69319-01													X					C.O. & PBX Line Circuit
SD-69321-01													X					Man. Long Line Two-Way Sel. Sig. Ring & Rering
SD-69322-01													X					Supervisor Position Circuit
SD-69323-01													X					4-Wire Line Circuit Ringdown, DC or Loudspeaker Signal
SD-69325-01													X					2-Wire Line Circuit Ringdown, DC or Loudspeaker Signal
SD-69326-01													X					Test Circuit
SD-69327-01													X					Signal Circuit
SD-69332-01												X						Simulator Line Circuit Far End Operating Line Term.
SD-69334-01												X						Training Activating Circuit
SD-69340-01										X								Line Frequency Circuit Nonlocking Push Button Key (302)
SD-69343-01												X						Voice Control Switch Circuit Plug-in Mounting
SD-69344-01												X						Recorder Control Circuit
SD-69345-01												X						Radio Line Circuit Regular & Standby Radio & Wire Lines
SD-69346-01												X						Loudspeaker Monitor Circuit, Key Selection of Channels
SD-69348-01												X						Loudspeaker Mixer Circuit
SD-69349-01												X						Line Pickup Circuit Nonlocking Push Button Keys (302)
SD-69351-01	X																	Pickup, Hold, Signaling, & Cutoff Externally Mounted Units
SD-69352-01													X					200 F Type Key Telephone Unit
SD-69353-01													X					200 G Type Key Telephone Unit
SD-69354-01													X					200 H Type Key Telephone Unit
SD-69358-01												X						Loudspeaker Line Circuit Telephone Set Pickup With Outgoing Signal
SD-69359-01										X								Coordinator & Conf. Circuit Connect to 4-Wire Lines
SD-69360-01		X																Attendants Key & Telephone Circuit
SD-69361-01																		200 K Type Key Telephone Unit
SD-69363-01													X					Local Line Circuit, Att. Dial Selected, Storage & Answer.
SD-69364-01																		C.O. Group Alerting System
SD-69365-01																		Control Station Circuit
SD-69367-01												X						Six Sta. Conference & Alarm Ckt., Continuous Loop Test
SD-69368-01		X											X					600 Series Key Telephone Set Circuits
SD-69369-01		X											X					Connecting Cords & Associated Components
SD-69371-01													X					Key Sheet
													X					2 or 4-Wire Line Circuit PBX Tie Tks. 2-Way Sel. Sig.

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CHART II

DRAWING NO.	KEY EQUIPMENT								SPECIAL DISTRIBUTION					Speaker-Civil Air Defense Station	KEY EQUIPMENT AND SYSTEMS DESCRIPTION
	1A	4A	5A	5B	6A	6B	100	101	102	112	300	1A	1A1		
SD-69372-01											X				4-Wire Line Circuit
SD-69376-01										X					Remote Att. Adapter Circuit
SD-69377-01									X						Att. Telephone Circuit Monitoring, 2 & 4 Wire Operation
SD-69378-01									X						Line & Lamp Circuit Illuminated Nonlocking Keys
SD-69379-01									X						Two Links Using 6A Key Equipment
SD-69380-01									X						Radio Line Connecting & Isolating Circuit
SD-69381-01									X						Auxiliary Line Circuit Monitoring 2 & 4 Wire Lines
SD-69382-01									X						Radio Line Combiner Circuit
SD-69385-01									X						Syllabic Lamp Control Circuit Plug-in Mounting
SD-69388-01									X						Control Station Unit 53A Control Unit
SD-69386-01									X						Group Alerting Using 2AB Answering Set
SD-69387-01									X						Station Line Concentrator
SD-69388-01			X						X						Radio Line Circuit, To Term, Customer Radio Equipment
SD-69389-01									X						Line & Signal Circuit, Multp. Term. At Key Sets
SD-69390-01									X						Automatic Tie Line Circuit To Term. At Key Sets
SD-69391-01									X						Data & Voice Recording Patch Panels Circuit
SD-69392-01									X						Electronic Chime Circuit
SD-69393-01									X						Radio Line Circuit To Key Positions, or Customer Console
SD-69394-01									X						Line Monitor Assignment Circuit
SD-69395-01								X	X						Dark Environment Lamp Control Circuit (112)(301)(302)
SD-69398-01									X						Traffic Register Circuit
SD-69399-01									X						Request & Acknowledgement Circuit (302)
SD-69400-01									X						Station Line Circuit (301)
SD-69401-01									X						Maintenance Line Circuit Arranged For Sig. (301)
SD-69402-01	X								X						Telephone Sets With Plug Ended Cords
SD-69403-01									X						3A System Telephone & Speakerphone Circuit
SD-69405-01									X						Line Key & Pickup Circuit (301)
SD-69406-01					X				X						Flush-Mounted Keys Key & Telephone Circuit
SD-69407-01									X						Att. Telephone Circuit 2 & 4 Wire Lines (301)
SD-69408-01									X						Radio-Wire Line Combiner Circuit
SD-69409-01									X						Bridge Circuit Conferencing Two PBX Lines
SD-69412-01	X								X						4-Wire Line Circuit Dial Selected 551 or 600/1500 Cycle & 20 Cycle Ringout Block Diagram
SD-69415-01									X						Modif. of PBX Line & Sig. Circuit Multp. Set Term.
SD-69418-01									X						Make Busy C.O. or PBX Line Lamp & Key Circuit
SD-69419-01	X								X						C.O. & PBX Line & Signal Circuit (301)
SD-69427-01									X						2-Way Private Line Aut. Signal Circuit (301)
SD-69428-01									X						

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CHART III

DRAWING NO.	PBX										KEY EQUIPMENT				POWER PLANT	POWER SYSTEMS DESCRIPTION	
	505C*	506A*	506B*	505B*	550C*	550C*	551A*	551B*	555A	750A*	100	101A	111A	101A			101B*
SD-80097-01																	**Charge and Discharge Circuit (Rep. by SD-80696-01)
SD-80223-01			X						X						X		*Charge and Discharge Circuit (Rep. by SD-80477-01)
SD-80345-01	X	X	X	X	X	X	X	X							X		*Charge and Discharge Circuit (Rep. by SD-80530-01)
SD-80345-APP 1-D																	
SD-80477-01									X	X							**Charge and Discharge Circuit - Relay Charge Control
SD-80478-01									X	X							*Amper Hour Meter Charge, Charge Circuit - A.H.M. Control, Discharge Battery Alarm
SD-80530-01	X	X	X	X	X	X	X	X							X		**Charge and Discharge Circuit
SD-80536-01									X								*Ringing Circuit
SD-80696-01			X	X	X	X	X	X							X		Charge and Discharge Circuit (Rep. by SD-81118-01)
SD-80697-01			X	X	X	X	X	X							X		Charge and Discharge Circuit
SD-80814-01															X		*Charge and Discharge Circuit
SD-80814-01 App 1-D																	
SD-81118-01			X	X	X	X	X	X							X		Charge and Discharge Circuit
ED-80659-01																	Ringing Machine Assembly

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CHART IV

DRAWING NO.	COMMON SYSTEMS										COMMON SYSTEMS DESCRIPTION	
	1A											
SD-96536-01	X											Line Concentrator, Control Circuit, 100 Line Capacity
SD-96537-01	X											Line Concentrator, Remote Circuit, 100 Line Capacity