

ALARMS
OPERATION TESTS
701B AND 711B PBX

1. GENERAL

1.01 This section describes a method of testing the operating features of the miscellaneous alarm circuits in 701B or 711B PBX.

1.02 All tests check the following common features. (1) Aisle pilot lamps to indicate the type of alarm and the aisle location of the alarm. (2) Audible signal, audible signal cutoff, lamps to indicate the type of alarm, and the alarm reset feature at the common alarm equipment and at the attendant switchboard. The specific features covered by each test are:

A. Permanent Signal Alarm: The following features are checked: (1) Only one permanent signal timed in one timing period. (2) Time delay of 20 to 30 minutes. (3) Permanent signal shelf lamp. (4) Class B alarm transmitted to the central office. (5) Cancellation of timing. (6) PS alarm as common feature.

B. Release Magnet Alarm: The following features are checked: (1) Time delay at 15 to 25 seconds. (2) Release magnet shelf lamps. (3) Class A alarm transmitted to central office. (4) RM alarm as common feature.

C. Grounded Line Finder Start Lead Alarm: The following features are checked: (1) S lamp common to line finder group. (2) Class A alarm transmitted to central office. (3) Locked in alarm. (4) COM alarm as common feature.

D. Grounded Chain Circuit Alarm: The following features are checked: (1) C lamp common to line finder group. (2) Class A alarm transmitted to central office. (3) COM alarm as common feature.

E. Foreign Potential on Chain Circuit Alarm: The following features are checked: (1) C lamp common to line finder

group. (2) Class A alarm transmitted to central office. (3) COM alarm as common feature.

F. All Finders Busy Alarm: The following features are checked: (1) Time delay of 15- to 30-second time delay. (2) AFB lamp common to line finder group. (3) Class B alarm transmitted to central office. (4) PS alarm as common feature.

G. Call Block Alarm: The following features are checked: (1) Time delay of 15 to 30 seconds. (2) CB lamp common to line finder group. (3) Class A alarm transmitted to central office. (4) COM alarm as common feature.

H. Switchboard Fuse Alarm: The following specific features are checked: (1) SWBD-FA lamp as common alarm unit. (2) Class A alarm transmitted to central office. (3) COM alarm as common feature.

I. Shelf or Relay Rack Fuse Alarm: The following features are checked: (1) FR or RR-FA lamp at common alarm unit. (2) Class A alarm transmitted to central office. (3) COM alarm as common feature.

J. Ringing Machine Alarm: The following features are checked: (1) FA and HLV lamps at ringing machine. (2) RMF lamp at common alarm unit. (3) Class A alarm transmitted to central office. (4) COM alarm as common feature.

K. Power Plant Alarm: The following features are checked: (1) FA or HLV lamps at power plant. (2) PWR lamp at common alarm unit. (3) Class A alarm transmitted to central office. (4) COM alarm as common feature.

L. Alarm Cutoff: The following features are checked: (1) Audible signal cutoff. (2) ACO lamps. (3) Audible and visual alarms

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have two sources of battery. (4) Audible signal is cut off if battery cutoff key is operated.

1.03 Tests covered in this section should not be made if traffic handling capacity will be affected.

1.04 In those cases when the PBX alarms are extended to the central office, the central office forces should be notified before any tests are performed.

1.05 *Lettered Steps:* A letter a, b, c, etc, added to a step number in Part 3 of this section, indicates an action which may or may not be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply,

all steps designated by that letter should be omitted.

2. APPARATUS

Test A

2.01 No. 375A (make busy) tool, or equivalent.

Tests C, D, and E

2.02 Testing cord, 8 feet 6 inches long, black jacketed cord, equipped with two No. 360A tools (No. W1AF cord) and two KS-6278 connecting clips (for use in connecting battery or ground to a terminal strip).

Tests F, G, H, I, J, K, and L

2.03 Blocking tools as required. Use tools and apply, as covered in Section 022-020-811.

3. METHOD

STEP	ACTION	VERIFICATION
A. Permanent Signal Alarm		
1	At common alarm equipment — Observe ST relay.	At common alarm equipment — If no other permanent signal is being timed in — ST relay released.
2	At switch frame — Insert make-busy tool into tip and ring springs of test jack on an idle selector-connector or selector on shelf A.	ST relay operated.
3	Insert make-busy tool into tip and ring of test jack on an idle selector-connector or selector on shelf B.	At switch frame — PU relay associated with shelf B released.
4	Remove make-busy tool from test jack of switch used in Step 3.	
5	At common alarm equipment — After delay of 20 to 30 minutes, observe permanent signal alarm.	At switch frame — PS lamp lighted on shelf A. If aisle pilot lamps are provided — PS aisle pilot lamp lighted. If attendant switchboard is provided — PS lamp lighted. Audible signal sounds. At common alarm equipment — PS lamp lighted. Audible signal sounds.

STEP	ACTION	VERIFICATION
6	Operate PS key.	Audible signal silenced.
7a	If attendant switchboard is provided — Operate PS key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class B PBX alarm operated.
9	At switch frame — Remove make-busy tool from test jacks of switch used in Step 2.	At switch frame — PS lamp on shelf A extinguished. If aisle pilot lamps are provided — PS aisle pilot lamp extinguished. If attendant switchboard is provided — PS lamp extinguished. Audible signal sounds. At common alarm equipment — PS lamp extinguished. Audible signal sounds.
10	At common alarm equipment — Release PS key.	Audible signal silenced.
11a	If attendant switchboard is provided — Release PS key.	At attendant switchboard — Audible signal silenced.
12b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class B PBX alarm retired.
13	At switch frame — Insert make-busy tool into tip and ring springs of test jacks of an idle selector con- nector or selector in shelf A.	
14	At common alarm equipment — Operate PS RLS key, momentarily.	At common alarm equipment — PS lamp lighted. Audible signal sounds. At switch frame — PS lamp on shelf A lighted. If aisle pilot lamps are provided — PS aisle pilot lamp lighted. If attendant switchboard is provided — PS lamp lighted. Audible signal sounds.
15	At switch frame — Remove make-busy tool from switch used in Step 13.	At common alarm equipment — PS lamp extinguished. Audible signal silenced. At switch frame — PS lamp on shelf A extinguished. If aisle pilot lamps are provided — PS aisle pilot lamp extinguished. If attendant switchboard is provided — PS lamp extinguished. Audible signal silenced.

STEP	ACTION	VERIFICATION
B. Release Magnet Alarm		
1	At switch frame — Raise and block shaft of an idle switch far enough to allow off-normal springs to close.	At switch frame — After 15 to 25 seconds, RM lamp lighted in shelf associated with blocked switch. If aisle pilot lamps are provided — RM aisle pilot lamp lighted. If attendant switchboard is provided — RM lamp lighted. Audible signal sounds. At common alarm equipment — RM lamp lighted. Audible signal sounds.
2	At common alarm equipment — Operate RM key.	Audible signal silenced.
3a	If attendant switchboard is provided — Operate RM key.	At attendant switchboard — Audible signal silenced.
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At switch frame — Release switch blocked in Step 1.	At switch frame — RM lamp extinguished. If aisle pilot lamps are provided — RM aisle pilot lamp extinguished. If attendant switchboard is provided — RM lamp extinguished. Audible signal sounds. At common alarm equipment — RM lamp extinguished. Audible signal sounds.
6	At common alarm equipment — Release RM key.	Audible signal silenced.
7a	If attendant switchboard is provided — Release RM key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

C. Grounded Line Finder Start Lead Alarm

1	At switch frame — Connect ground to SG terminal on terminal strip of initial line finder unit.	At switch frame — Each line finder in group steps to tenth level, rotates to tenth terminal and releases. When all idle finders have released — S lamp lights. If aisle pilot lamps are provided — COM aisle pilot lamp lights. If attendant switchboard is provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lights. Audible signal sounds.
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STEP	ACTION	VERIFICATION
2	Remove ground from SG terminal of terminal strip on initial line finder unit.	
3	At common alarm equipment — Operate COM key.	Audible signal silenced.
4a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible alarm silenced.
5b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
6	At switch frame — Operate AR key momentarily.	At switch frame — S lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds.
7	At common alarm equipment — Release COM key.	Audible signal silenced.
8a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
9b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

D. Grounded Chain Circuit Alarm

1	At switch frame — Connect ground to terminal 15 of alarm terminal strip on initial line finder unit.	At switch frame — C lamp lighted. If aisle pilot lamps are provided — COM aisle lamp lighted. If attendant switchboard is provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lighted. Audible signal sounds.
2	At common alarm equipment — Operate COM key.	Audible signal silenced.
3a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible signal silenced.

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STEP	ACTION	VERIFICATION
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At switch frame — Remove ground connected to alarm terminal strip in Step 1.	At switch frame — C lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds.
6	At common alarm equipment — Release COM key.	Audible signal silenced.
7a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

E. Foreign Potential on Chain Circuit Alarm

1	At switch frame — Connect battery to terminal 15 of alarm terminal strip on initial line finder unit.	At switch frame — C lamp lighted. If aisle pilot lamps are provided — COM aisle pilot lamp lighted. If attendant switchboard is provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lighted. Audible signal sounds.
2	At common alarm equipment — Operate COM key.	Audible signal silenced.
3a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible signal silenced.
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At switch frame — Remove battery connected to alarm terminal strip in Step 1.	At switch frame — C lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds.

STEP	ACTION	VERIFICATION
6	At common alarm equipment — Release COM key.	Audible signal silenced.
7a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

F. All Finders Busy Alarm

1	At switch frame — In line finder group circuit, block operated OB relay.	At switch frame — After time delay of 15 to 30 seconds, AFB lamp lighted. If aisle pilot lamps are provided — PS aisle pilot lamp lighted. If attendant switchboard is provided — AFB lamp lighted. At common alarm equipment — AFB lamp lighted.
2a	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class B PBX alarm operated.
3	At switch frame — Remove blocking tool from OB relay in line finder group circuit.	At switch frame — AFB lamp extinguished. If aisle pilot lamps are provided — PS aisle pilot lamp extinguished. If attendant switchboard is provided — AFB lamp extinguished. At common alarm equipment — AFB lamp extinguished.
4a	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class B PBX alarm retired.

G. Call Block Alarm

1	At switch frame — Block operated CB relay in line finder control circuit.	At switch frame — After time delay of 15 to 30 seconds, CB lamp lighted. If aisle pilot lamps are provided — COM aisle pilot lamp lighted. If attendant switchboard is provided — CB lamp lighted. At attendant switchboard — If CB key is provided — Audible signal sounds. At common alarm equipment — CB lamp lighted. At common alarm equipment — If CB key is provided — CB lamp lighted. Audible signal sounds.
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STEP	ACTION	VERIFICATION
2a	If CB key is provided — At common alarm equipment — Operate CB key.	Audible signal silenced.
3a	At attendant switchboard — Operate CB key.	At attendant switchboard — Audible signal silenced.
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At switch frame — Remove blocking tool from CB relay in line finder control circuit.	At switch frame — CB lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — CB lamp extinguished. At attendant switchboard — If CB key is provided — CB lamp extinguished. Audible signal sounds. At common alarm equipment — CB lamp extinguished. At common alarm equipment — If CB key is provided — CB lamp extinguished. Audible signal sounds.
6a	If CB key is provided — At common alarm equipment — Release CB key.	Audible signal silenced.
7a	At attendant switchboard — Release CB key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

H. Switchboard Fuse Alarm

1	At attendant switchboard — Block operated FA or SA relay in position fuse alarm.	At attendant switchboard — FA lamp associated with locked FA or SA relay lighted. COM lamp lighted. Audible signal sounds. At common alarm equipment — SWBD-FA lamp lighted. COM lamp lighted. Audible signal sounds.
2	Operate COM key.	Audible signal silenced.

STEP	ACTION	VERIFICATION
3	At common alarm equipment — Operate COM key.	Audible signal silenced.
4a	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At attendant switchboard — Remove blocking tool from SA or FA relay in position fuse alarm.	At common alarm equipment — SWBD-FA lamp extinguished. COM lamp extinguished. Audible signal sounds. At attendant switchboard — FA lamp associated with position extin- guished. COM lamp extinguished. Audible signal sounds.
6	Release COM key.	Audible signal silenced.
7	At common alarm equipment — Release COM key.	At common alarm equipment — Audible signal silenced.
8a	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

I. Shelf or Relay Rack Fuse Alarm

1	At switch frame relay rack or apparatus cabinet — Block operated FA relay.	At switch frame relay rack or apparatus cabinet — FA lamp lighted. If aisle pilot lamps are provided — COM aisle pilot lamp lighted. At attendant switchboard if provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lighted. Audible signal sounds. FR or RR-FA lamp lighted.
2	At common alarm equipment — Operate COM key.	Audible signal silenced.
3a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible signal silenced.
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

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STEP	ACTION	VERIFICATION
5	At switch frame relay rack or apparatus cabinet — Remove blocking tool from FA relay.	At switch frame relay rack or apparatus cabinet — FA lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. At attendant switchboard if provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds. FR or RR-FA lamp extinguished.
6	At common alarm equipment — Release COM key.	Audible signal silenced.
7a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

J. Ringing Machine Alarm

1	At ringing machine equipment — Block operated FA relay.	At ringing machine equipment — FA lamp lighted. If aisle pilot lamps are provided — COM aisle pilot lamp lighted. If attendant switchboard is provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lighted. Audible signal sounds. RMF lamp lighted.
2	At common alarm equipment — Operate COM key.	Audible signal silenced.
3a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible signal silenced.
4b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
5	At ringing machine equipment — Remove blocking tool from FA relay.	At ringing machine equipment — FA lamp extinguished. If aisle pilot lamps are provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds. RMF lamp extinguished.

STEP	ACTION	VERIFICATION
6	At common alarm equipment — Release COM key.	Audible signal silenced.
7a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
8b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.
9	At ringing machine equipment — Operate manually RF relay momentarily.	At ringing machine equipment — RING TRNS lamp lighted. If aisle pilot lamps are provided — COM aisle pilot lamp lighted. If attendant switchboard is provided — COM lamp lighted. Audible signal sounds. At common alarm equipment — COM lamp lighted. Audible signal sounds. RMF lamp lighted.
10	At common alarm equipment — Operate COM key.	Audible signal silenced.
11a	If attendant switchboard is provided — Operate COM key.	At attendant switchboard — Audible signal silenced.
12b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm operated.
13	At ringing machine equipment — Operate RST key momentarily.	At ringing machine equipment — RING TRNS lamp extinguished. If aisle pilot lamp is provided — COM aisle pilot lamp extinguished. If attendant switchboard is provided — COM lamp extinguished. Audible signal sounds. At common alarm equipment — COM lamp extinguished. Audible signal sounds. RMF lamp extinguished.
14	At common alarm equipment — Release COM key.	Audible signal silenced.
15a	If attendant switchboard is provided — Release COM key.	At attendant switchboard — Audible signal silenced.
16b	If PBX alarm is extended to central office — Request central office to observe PBX alarm.	At central office — Class A PBX alarm retired.

K. Power Plant Alarm

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| 1 | At power plant equipment —
Block operated FA relay. | At power plant equipment —
FA lamp lighted.
If aisle pilot lamps are provided —
COM aisle pilot lamp lighted.
If attendant switchboard is provided —
COM lamp lighted.
Audible signal sounds.
At common alarm equipment —
COM lamp lighted.
Audible signal sounds.
PWR lamp lighted. |
| 2 | At common alarm equipment —
Operate COM key. | Audible signal silenced. |
| 3a | If attendant switchboard is provided —
Operate COM key. | At attendant switchboard —
Audible signal silenced. |
| 4b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm operated. |
| 5 | At power plant equipment —
Remove blocking tool from FA relay. | At power plant equipment —
FA lamp extinguished.
If aisle pilot lamps are provided —
COM aisle pilot lamp extinguished.
If attendant switchboard is provided —
COM lamp extinguished.
Audible signal sounds.
At common alarm equipment —
COM lamp extinguished.
Audible signal sounds.
PWR lamp extinguished. |
| 6 | At common alarm equipment —
Release COM key. | Audible signal silenced. |
| 7a | If attendant switchboard is provided —
Release COM key. | If attendant switchboard is provided —
Audible signal silenced. |
| 8b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm retired. |
| 9 | At power plant equipment —
Block operated HLV relay. | At power plant equipment —
HLV lamp lighted.
If aisle pilot lamps are provided —
COM aisle pilot lamp lighted.
If attendant switchboard is provided —
COM lamp lighted.
Audible signal sounds.
At common alarm equipment —
COM lamp lighted.
Audible signal sounds.
PWR lamp lighted. |

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| 10 | At common alarm equipment —
Operate COM key. | Audible signal silenced. |
| 11a | If attendant switchboard is provided —
Operate COM key. | At attendant switchboard —
Audible signal silenced. |
| 12b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm operated. |
| 13 | At power plant equipment —
Remove blocking tool from HLV relay. | At power plant equipment —
HLV lamp extinguished.
If aisle pilot lamps are provided —
COM aisle pilot lamp extinguished.
If attendant switchboard is provided —
COM lamp extinguished.
Audible signal sounds.
At common alarm equipment —
COM lamp extinguished.
Audible signal sounds.
PWR lamp extinguished. |
| 14 | At common alarm equipment —
Release COM key. | Audible signal silenced. |
| 15a | If attendant switchboard is provided —
Release COM key. | At attendant switchboard —
Audible signal silenced. |
| 16b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm retired. |
| 17 | At common alarm equipment —
Connect battery to ABSF lead (punching 1
on terminal strip B of common alarm unit). | At common alarm equipment —
COM lamp lighted.
Audible signal sounds.
PWR lamp lighted.
If aisle pilot lamps are provided —
COM aisle pilot lamp lighted.
If attendant switchboard is provided —
COM lamp lighted.
Audible signal sounds. |
| 18 | Operate COM key. | At common alarm equipment —
Audible signal silenced. |
| 19a | If attendant switchboard is provided —
Operate COM key. | At attendant switchboard —
Audible signal silenced. |
| 20b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm operated. |

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| 21 | At common alarm equipment —
Remove battery from ABSF lead (punching 1 on terminal strip B of common alarm unit). | At common alarm equipment —
COM lamp extinguished.
Audible signal sounds.
PWR lamp extinguished.
If aisle pilot lamps are provided —
COM aisle pilot lamp extinguished.
If attendant switchboard is provided —
COM lamp extinguished.
Audible signal sounds. |
| 22 | Release COM key. | At common alarm equipment —
Audible signal silenced. |
| 23a | If attendant switchboard is provided —
Release COM key. | At attendant switchboard —
Audible signal silenced. |
| 24b | If PBX alarm is extended to central office —
Request central office to observe PBX alarm. | At central office —
Class A PBX alarm retired. |

L. Alarm Cutoff

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| 1 | At common alarm equipment —
Operate PS key. | At common alarm equipment —
Audible signal sounds. |
| 2 | Operate ACO key. | Audible signal silenced.
ACO lamp lighted. |
| 3 | Release ACO key. | ACO lamp extinguished.
Audible signal sounds. |
| 4 | Block operated PWR relay. | Audible signal continues to sound. |
| 5 | Remove blocking tool from PWR relay. | Audible signal continues to sound. |
| 6a | If alarm cutoff relay is provided —
Block operated ACO relay. | Audible signal silenced. |
| 7a | Remove blocking tool from ACO relay. | Audible signal sounds. |
| 8 | Release PS key. | Audible signal silenced. |
| 9b | If attendant switchboard is provided —
Operate PS key. | At attendant switchboard —
Audible alarm sounds. |
| 10b | At common alarm equipment —
Block operated PWR relay. | Audible signal continues to sound. |
| 11b | Remove blocking tool from PWR relay. | Audible signal continues to sound. |
| 12b | If attendant switchboard is provided —
Restore PS key. | Audible signal silenced. |
| 13c | If alarm cutoff relay and attendant switchboard are provided —
Operate PS key. | If alarm cutoff relay and attendant switchboard are provided —
Audible signal sounds. |
| 14c | Operate BCO key. | Audible signal silenced. |
| 15c | Restore BCO key. | Audible signal sounds. |
| 16c | Release PS key. | Audible signal silenced. |