

EQUIPMENT TEST LIST
AIR BLOWERS, TUBE COOLING SYSTEMS
AND VENTILATION EQUIPMENT
POWER SYSTEMS EQUIPMENT

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

16.0 BLORS, TUBE, VENT

16.1 BLORS, TUBE, VENT; KS-5794 AIR BLOWER

FOR ALL UNITS

◆	161-470-301 (4/1)	4.02	INSPECT FILTER CELLS	MW 6M	-----
◆		4.03	INSPECT SEALED JOINTS OF FILTER HOUSING FOR AIR LEAKS	MW 12M	-----
◆		4.04	INSPECT FELT CONDITION ON FLAPPER VALVE	MW 12M	-----
◆		4.05	(A) LUBRICATE MOTOR BEARINGS	MW 12M	-----
◆		4.05	(B) CHECK MOTOR FOR FREEDOM OF OPRN, NOISE & VIBRATION	MW 12M	-----
◆		4.05	(C) INSPECT DC MOTOR BRUSHES	MW 12M	-----
◆		4.05	CHECK AC & DC MOTORS OPRN	MW 12M	-----
◆		4.06	CHECK CONTROL & ALARM CKT OPRN	MW 12M	-----
◆		4.07	CHECK AC BLOWER OUTPUT	MW 12M	-----
◆		4.08	CHECK DC BLOWER OUTPUT	MW 12M	-----
◆		4.09	CHECK PRESSURE SWITCH OPRN	MW 12M	-----
◆		4.10	TEST ALTERNATE PRESSURE SWITCH	MW 12M	-----
	161-470-701 (4/0)	2.01	(C) LUBRICATE AC MOTORS BEARINGS	MW 36M	-----
		2.03	REPLACE FILTER CELL (DC BLOWER - ALL TYPES OF AIR FILTERS)	MW 6M	-----
		2.04	INSPECT HOUSING FOR LEAKS	MW 12M	-----
		2.05	CHECK TIGHTNESS OF FLAPPER VALVE FELTS	MW 12M	-----
		2.06	CHECK OPERATION OF FLAPPER VALVE	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

CARBON FILTER, HEAVY INDUSTRIAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - CARBON AIR FILTER - HEAVY INDUSTRIAL AREA)	MW 9M	-----
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CARBON FILTER, LIGHT INDUSTRIAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - CARBON AIR FILTER - LIGHT INDUSTRIAL AREA)	MW 15M	-----
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CARBON FILTER, RURAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - CARBON AIR FILTER - RURAL AREA)	MW 24M	-----
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OTHER FILTER, HEAVY INDUSTRIAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - HEAVY INDUSTRIAL AREA)	MW 2M	-----
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OTHER FILTER, LIGHT INDUSTRIAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - LIGHT INDUSTRIAL AREA)	MW 4M	-----
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OTHER FILTER, RURAL AREA

◆	161-470-701 (4/0)	2.03	REPLACE FILTER CELL (AC BLOWER - RURAL AREA)	MW 6M	-----
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OPTIONAL FEATURES

WITH SET SCREW AT BRNG

	161-470-701 (4/0)	2.01	(A) LUBRICATE MOTOR BEARINGS WITH SETSCREWS	MW 12M	-----
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DC MOTOR W/SEALED BRNGS

161-470-701 (4/0)	2.01	(B) LUBRICATE DC MOTORS WITH SEALED BEARINGS	MW 36M	-----
16.2 BLORS, TUBE, VENT; KS-15553				
FOR ALL UNITS				
161-452-701 (4/0)	2.01	LUBRICATION OF BEARINGS OF KS-15553 MOTORS	MW 24M	-----
	2.02	(A) REPLACE BEARINGS OF KS-15553 MOTORS (OR EVERY 10000 HRS OPRN OR UPON EXCESSIVE NOISE)	MW 36M	-----
	2.03	CHECK NOISE AND VIBRATION	MW M	-----
	2.04	CHECK TEMPERATURE OF KS-15553 MOTORS	MW 3M	-----
16.3 BLORS, TUBE, VENT; KS-15800				
FOR ALL UNITS				
161-458-701 (1/0)	2.01	LUBRICATE BLOWER MOTOR BALL BEARINGS	MW 12M	-----
	2.03	CHECK BLOWER FOR EXCESSIVE NOISE AND VIBRATION	MW 12M	-----
	2.05	TEST AIR FLOW SWITCH	MW 12M	-----
	2.06	REPLACE AIR FILTER	MW 12M	-----
16.4 BLORS, TUBE, VENT; TUBE COOLING SYSTEM				
SELECT ONLY ONE CATEGORY				
J68416A TH RADIO TUBE COOLING SYSTEM				
161-476-301 (2/0)	3.02	REMOVE AC BLOWER FROM SERVICE	MW 3M	-----
	3.03	PLACE AC BLOWER BACK IN SERVICE	MW 3M	-----
	3.04	CHECK OPERATION OF DC BLOWERS	MW M	-----
	4.02	CHECK AIR FILTERS	MW 3M	-----
	4.03	LUBRICATE BLOWER MOTOR BALL BEARINGS	MW 6M	-----
	4.04	CHECK MOTOR BRUSHES	MW 12M	-----
	4.05	CHECK DC BLOWERS	MW M	-----
	4.06	CHECK THAT SHUTOFF VALVES ARE LOCKED OPEN	MW M	-----
	4.07	CHECK AC MONITOR CIRCUITS	MW M	-----
	4.09	CHECK TIME DELAY RELAYS	MW M	-----
	4.11	CHECK OPERATION OF KS-15871 L1 PRESSURE SWITCH (OR EACH TIME AIR FILTER IS REPLACED)	MW M	-----
J86486 TH RADIO MICROWAVE SYSTEM				
161-475-301 (4/0)	3.01	CHECK MAGNETIC STARTERS, AC MONITOR CIRCUITS	MW M	-----
	3.02	CHECK THAT SHUTOFF VALUES ARE LOCKED OPEN	MW M	-----
	3.03	CHECK RELEASE OF AC1 RELAY	MW M	-----
	3.04	CHECK OPERATION OF AC2 RELAY	MW M	-----
	3.05	CHECK OPERATION OF DC BLOWERS	MW M	-----
	3.06	REPLACE BLOWER INTAKE FILTERS	MW 12M	-----
	3.07	CHECK OPERATION OF KS-15871 L1 PRESSURE SWITCH (OR EACH TIME AIR FILTER IS REPLACED)	MW W	-----
16.5 BLORS, TUBE, VENT; KS-5592 & KS-15506				
FOR ALL UNITS				
161-480-701 (2/0)	2.01	(B) LUBRICATE SHUTTERS	MW 12M	-----

161-480-701 (2/0)	2.01	(C) LUBRICATE FAN BEARINGS	MW 36M	-----
	2.20	T915C TYPE CONTROLLERS * (A) WIPER ARM POSITION	MW 12M	-----
	2.20	T915C TYPE CONTROLLERS * (B) CHECK OF CONTACT SURFACES OF POT	MW 12M	-----
	2.20	T915C TYPE CONTROLLERS * (C) CONTACT PRESSURE	MW 12M	-----
	2.21	ROOM THERMOSTAT CHECK	MW 12M	-----
	2.22	CHECK AIR FILTER	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

M204A TYPE SHUTTER MOTORS

161-480-701 (2/0)	2.18	(A) CHECK MOTOR OPERATION	MW 12M	-----
	2.18	(B) MAINTAINING SWITCH CONTACT SURFACES	MW 12M	-----
	2.18	(C) CHECK MAINTENANCE SWITCH CONTACT PRESSURE	MW 12M	-----

M904E TYPE SHUTTER MOTORS

161-480-701 (2/0)	2.19	(A) CHECK MOTOR OPERATION	MW 12M	-----
	2.19	(B) CHECK OF LIMIT SWITCH AND BALANCING RELAY CONTACT SURFACES	MW 12M	-----
	2.19	(C) CHECK CONTACT PRESSURE OF LIMIT SWITCH CONTACTS	MW 12M	-----
	2.19	(D) CHECK LIMIT SWITCH OPRN	MW 12M	-----
	2.19	(E) CHECK CONTACT SURFACES OF BALANCING POTENTIOMETER	MW 12M	-----
	2.19	(F) CHECK WIPER ARM CONTACT PRESSURE	MW 12M	-----
	2.19	(G) CHECK MOVABLE CONTACT OPRN	MW 12M	-----
	2.19	(H) CHECK CONTACT SEPARATION	MW 12M	-----