

EQUIPMENT TEST LIST
DISTRIBUTORS OF TELETYPEWRITERS
MISCELLANEOUS APPARATUS

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19. GENERAL

19.01 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.

19.02 This is the first issuance of the "reformatted ETL" which provides better organization of the various tests. The "reformatted ETLs" replace the ETLs previously provided for this equipment.

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

19.04 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.

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

NOTICE

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

SECTION 034-001-012

19.0 DISTRIBUTORS TTY

19.1 DISTRIBUTORS TTY; 12AH, 12BH RCVR

FOR ALL UNITS

034-101-701 (2/0)	2.01	CLEANING	MW *	-----
	2.02	LUBRICATION	MW *	-----

TROUBLE TESTS

034-101-701 (2/0)	2.04	CLUTCH TENSION	TT	-----
	2.05	START-MAGNET ARMATURE MOVEMENT	TT	-----
	2.06	START-MAGNET ARMATURE TENSION	TT	-----
	2.07	ALIGNMENT OF START-MAGNET ARMATURE AND STOP CAM	TT	-----
	2.08	CLEARANCE BETWEEN START-MAGNET ARMATURE AND STOP CAM	TT	-----
	2.09	RELATION BETWEEN CONTACT LEVERS AND CAM CYLINDERS	TT	-----
	2.10	CONTACT SEPARATION	TT	-----
	2.11	CONTACT PRESSURE	TT	-----
	2.12	SPEED	TT	-----
	2.13	ORIENTATION SETTING	TT	-----
	2.14	GOVERNOR REQUIREMENTS	TT	-----

19.2 DISTRIBUTORS TTY; 14F, 14G, 14M TD

FOR ALL UNITS

034-102-701 (2/0)	2.01	CLEANING	MW *	-----
	2.02	LUBRICATION	MW *	-----
	2.03	DISTRIBUTOR BRUSHES	MW *	-----

TROUBLE TESTS

034-102-701 (2/0)	2.04	MOTOR GEAR PLAY	TT	-----
	2.05	INTERMEDIATE SHAFT ENDPLAY	TT	-----
	2.06	PLAY BETWEEN CODE DISC SHAFT GEAR AND INTERMEDIATE SHAFT METAL GEAR	TT	-----
	2.07	PLAY BETWEEN INTERMEDIATE SHAFT FIBER GEAR AND MAIN SHAFT WORM GEAR	TT	-----
	2.08	OVERLAP BETWEEN INTERMEDIATE SHAFT METAL GEAR AND CODE DISC SHAFT GEAR	TT	-----
	2.09	RELATION BETWEEN CODE DISCS AND CONTACT LEVERS	TT	-----
	2.10	CONTACT SEPARATION	TT	-----
	2.11	CONTACT PRESSURE	TT	-----
	2.13	RELATION BETWEEN CODE DISC CONTACTS AND DISTRIBUTOR BRUSHES	TT	-----
	2.14	FRICTION DRAG TENSION	TT	-----
	2.15	SPEED	TT	-----
	2.16	GOVERNOR REQUIREMENTS	TT	-----

19.3 DISTRIBUTORS TTY; MOT GOV TRMTR

SELECT ONLY ONE CATEGORY

EDGE CONTRACTING GOVERNORS

034-107-701	(3/1)	2.01	CLEANING	MW *	-----
		2.11	GOVERNOR BRUSH LENGTH	MW *	-----
		2.12	CONTOUR OF GOVERNOR BRUSH	MW *	-----
		2.13	CONDITION OF GOVERNOR RINGS	MR *	-----

CENTER CONTACTING GOVERNORS

034-107-701	(3/1)	2.01	CLEANING	MW *	-----
		2.17	CONDITION OF CONTACT DISCS	MR *	-----
		2.21	GOVERNOR BRUSH LENGTH	MR *	-----

TROUBLE TESTS

034-107-701	(3/1)	2.02	CONTACT ALIGNMENT	TT	-----
		2.03	CONDITION OF CONTACT SURFACES	TT	-----
		2.04	GAP BETWEEN CONTACT SPRING BLOCK AND GOVERNOR SHELL	TT	-----
		2.05	GOVERNOR BRUSH MOVEMENT	TT	-----
		2.06	CONDITION OF PIGTAIL CONNECTION	TT	-----
		2.07	CONDITION OF BRUSH SPRINGS	TT	-----
		2.08	ALIGNMENT OF GOVERNOR BRUSHES	TT	-----
		2.09	CLEARANCE BETWEEN BRUSH HOLDER SOLDERING LUG AND GOVERNOR RING	TT	-----
		2.10	GOVERNOR BRUSH PRESSURE	TT	-----
		2.14	ADJUSTING WHEEL FRICTION SPRING PRESSURE (SINGLE-SPACED GOVERNORS ONLY)	TT	-----
		2.15	ADJUSTING WHEEL DETENT SPRING PRESSURE (2-SPEED GOVERNORS ONLY)	TT	-----
		2.16	POSITION OF CONTACT DISC SPRINGS	TT	-----
		2.18	ADJUSTING WHEEL FRICTION SPRING PRESSURE	TT	-----
		2.19	ALIGNMENT OF GOVERNOR BRUSH SPRING PLATE BRACKET	TT	-----
		2.20	ALIGNMENT OF GOVERNOR BRUSHES	TT	-----
		2.22	GOVERNOR BRUSH PRESSURE	TT	-----
		2.23	POSITION OF SPEED ADJUSTING BRACKET	TT	-----
		2.24	POSITION OF GOVERNOR WEARING STRIP	TT	-----

19.4 DISTRIBUTORS TTY; REGENR 1A & 1B

SELECT ONLY ONE CATEGORY

IN SERVICE 24 HOURS A DAY

034-120-701	(3/0)	2.01	CLEANING	MW *	-----
		2.02	LUB REGENR UNIT & COUNTER SHAFT GEARS	MW 2W	-----
		2.02	LUB MOTOR BEARINGS	MW 6M	-----

IN SERVICE 12 HOURS A DAY

034-120-701	(3/0)	2.01	CLEANING	MW *	-----
		2.02	LUB REGENR UNIT & COUNTER SHAFT GEARS	MW M	-----
		2.02	LUB MOTOR BEARINGS	MW 6M	-----

IN SERVICE 6-11 HOURS A DAY

034-120-701	(3/0)	2.01	CLEANING	MW *	-----
		2.02	LUB REGENR UNIT & COUNTER SHAFT GEARS	MW 6W	-----
		2.02	LUB MOTOR BEARINGS	MW 12M	-----

IN SERVICE 1-5 HOURS A DAY

034-120-701	(3/0)	2.01	CLEANING	MW *	-----
		2.02	LUB REGENR UNIT & COUNTER SHAFT GEARS	MW 2W	-----
		2.02	LUB MOTOR BEARINGS	MW 12M	-----

TROUBLE TESTS

034-120-701	(3/0)	2.04	MECHANICAL REQUIREMENTS	TT	-----
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19.5 DISTRIBUTORS TTY; OTHER

FOR ALL UNITS

034-100-701	(3/0)	2.02	CLEANING	MW *	-----
		2.03	LUBRICATION START MAGNET ARMATURE BEARINGS	MW *	-----
		2.03	LUBRICATION ARMATURE BEARINGS & START MAGNET ARMATURE	MR M	-----
		2.05	LEAKAGE AT BEARINGS	MW *	-----
		2.16	BRUSH SETTINGS	MW *	-----
		2.17	BRUSH WEAR	MW *	-----
		2.23	GOVERNOR BRUSH ASSEMBLY	MW *	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

5D,5E

034-100-701	(3/0)	2.03	(203A,B) LUBRICATION GEAR AND GREASE CUPS	MR 6M	-----
95881,96944,98676					
034-100-701	(3/0)	2.03	(2.03D) LUBRICATION START MAGNET ARMATURES	MW *	-----
		2.03	(2.03E) LUBRICATION BRUSH ARM HUB BEARING	MW *	-----

TROUBLE TESTS

034-100-701	(3/0)	2.06	ALIGNMENT OF MOTOR AND MAIN SHAFT	TT	-----
		2.07	CONTACT BETWEEN DISTRIBUTOR & DISTRIBUTOR MFG	TT	-----
		2.08	FREEDOM OF START MAG ARMATURE NOS. 5D, 5E, D-95881, D-96944, D-98676 DISTRIBUTORS ONLY	TT	-----
		2.09	POSITION OF START MAGNET ARMATURE NOS. 5D AND 5E DISTRIBUTORS ONLY	TT	-----
		2.10	POSITION OF START MAG ARMATURE BACKSTOP D-95884, D-96944, D-98676 DISTRIBUTORS ONLY	TT	-----
		2.11	TENSION OF SPRING MAGNET ARMATURE RETRACTILE SPRING--NOS. 5D AND 5E DISTRIBUTORS ONLY	TT	-----
		2.12	TENSION OF START MAG ARMTR RETRACTILE SPRING D-95881, D-96944, D-98676 DISTRIBUTORS ONLY	TT	-----
		2.13	ENGAGEMENT OF BRUSH ARM WITH START MAGNET ARMATURE NOS. 5D AND 5E DISTRIBUTORS ONLY	TT	-----
		2.14	CLEARANCE BETWEEN END OF BRUSH ARM & SIDES OF SLOT NOS. 5D & 5E DISTRIBUTORS ONLY	TT	-----
		2.15	BRUSH ARM POSITION	TT	-----

034-100-701 (3/0)	2.18	CONDITION OF SEGMENT INSULATORS	TT	-----
	2.19	CLUTCH TENSION	TT	-----
	2.20	POSITION OF DISTRIBUTOR FACES	TT	-----
	2.21	GOVERNOR CONTACT ALIGNMENT	TT	-----
	2.22	GOVERNOR CONTACT PRESSURE	TT	-----
	2.24	GOVERNOR ADJUSTING LEVER POSITION	TT	-----
	2.25	SPEED	TT	-----
AH & 12HB RCVG				
034-101-701 (2/0)	2.04	CLUTCH TENSION	TT	-----
	2.05	START-MAGNET ARMATURE MOVEMENT	TT	-----
	2.06	START-MAGNET ARMATURE TENSION	TT	-----
	2.07	ALIGNMENT OF START-MAGNET ARMATURE AND STOP CAM	TT	-----
	2.08	CLEARANCE BETWEEN START-MAGNET ARMATURE AND STOP CAM	TT	-----
	2.09	RELATION BETWEEN CONTACT LEVERS AND CAM CYLINDERS	TT	-----
	2.10	CONTACT SEPARATION	TT	-----
	2.11	CONTACT PRESSURE	TT	-----
	2.12	SPEED	TT	-----
	2.13	ORIENTATION SETTING	TT	-----
	2.14	GOVERNOR REQUIREMENTS	TT	-----
TRANSMITTER 14F, 14G & 14M				
034-102-701 (2/0)	2.04	MOTOR GEAR PLAY	TT	-----
	2.05	INTERMEDIATE SHAFT ENDPLAY	TT	-----
	2.06	PLAY BETWEEN CODE DISC SHAFT GEAR AND INTERMEDIATE SHAFT METAL GEAR	TT	-----
	2.07	PLAY BETWEEN INTERMEDIATE SHAFT FIBER GEAR AND MAIN SHAFT WORM GEAR	TT	-----
	2.08	OVERLAP BETWEEN INTERMEDIATE SHAFT METAL GEAR AND CODE DISC SHAFT GEAR	TT	-----
	2.09	RELATION BETWEEN CODE DISCS AND CONTACT LEVERS	TT	-----
	2.10	CONTACT SEPARATION	TT	-----
	2.11	CONTACT PRESSURE	TT	-----
	2.13	RELATION BETWEEN CODE DISC CONTACTS AND DISTRIBUTOR BRUSHES	TT	-----
	2.14	FRICTION DRAG TENSION	TT	-----
	2.15	SPEED	TT	-----
	2.16	GOVERNOR REQUIREMENTS	TT	-----
MOT GOV				
034-107-701 (3/1)	2.02	CONTACT ALIGNMENT	TT	-----
	2.03	CONDITION OF CONTACT SURFACES	TT	-----
	2.04	GAP BETWEEN CONTACT SPRING BLOCK AND GOVERNOR SHELL	TT	-----

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034-107-701	(3/1)	2.05	GOVERNOR BRUSH MOVEMENT	TT	-----
		2.06	CONDITION OF PIGTAIL CONNECTION	TT	-----
		2.07	CONDITION OF BRUSH SPRINGS	TT	-----
		2.08	ALIGNMENT OF GOVERNOR BRUSHES	TT	-----
		2.09	CLEARANCE BETWEEN BRUSH HOLDER SOLDERING LUG AND GOVERNOR RING	TT	-----
		2.10	GOVERNOR BRUSH PRESSURE	TT	-----
		2.14	ADJUSTING WHEEL FRICTION SPRING PRESSURE (SINGLE-SPEED GOVERNORS ONL).	TT	-----
		2.15	ADJUSTING WHEEL DETENT SPRING PRESSURE (2-SPEED GOVERNORS ONLY)	TT	-----
		2.16	POSITION OF CONTACT DISC SPRINGS	TT	-----
		2.18	ADJUSTING WHEEL FRICTION SPRING PRESSURE	TT	-----
		2.19	ALIGNMENT OF GOVERNOR BRUSH SPRING PLATE BRACKET	TT	-----
		2.20	ALIGNMENT OF GOVERNOR BRUSHES	TT	-----
		2.22	GOVERNOR BRUSH PRESSURE	TT	-----
		2.23	POSITION OF SPEED ADJUSTING BRACKET	TT	-----
		2.24	POSITION OF GOVERNOR WEARING STRIP	TT	-----
REGEN RPTR					
034-140-701	(1/0)		REQTS & ADJ PROCED	TT	-----
034-141-701	(2/0)		REQTS & ADJ PROCED	TT	-----