

EQUIPMENT TEST LIST
RECORDING EQUIPMENT
MISCELLANEOUS APPARATUS

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18.	GENERAL		
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NOTICE

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

SECTION 034-001-011

18.0 RECORDING EQPT

18.1 RECORDING EQPT; PERFORATORS

SELECT ONLY ONE CATEGORY

D-175914 & D-176283 AMA

034-300-701	(3/0)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW *	-----

KS-13882 AMA

034-306-701	(4/1)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW *	-----

KS-13834 TROUBLE RECORDER

034-305-701	(8/0)	2.01	CLEANING	MW *	-----
		2.02	ECCENTRIC SHAFTS WITHOUT LUBRICATOR PADS LUBRICATION (FIG. 6)	MW M	-----
		2.02	LUBRICATION-PARTS NOT MARKED WITH AN ASTERISK (*) (TABLE A)	MW 3M	-----
		2.02	LUBRICATION-PARTS MARKED WITH AN ASTERISK (*) (TABLE A)	MW 12M	-----

TROUBLE TESTS

034-300-701	(3/0)	2.04	RETAINING PAWL POSITION	TT	-----
		2.05	RETAINING PAWL TENSION	TT	-----
		2.06	ARMATURE BACKSTOP POSITION	TT	-----
		2.07	OPERATED ARMATURE AIR GAP	TT	-----
		2.08	DRIVING SPRING TENSION	TT	-----
		2.09	DRIVING PAWL TENSION	TT	-----
		2.10	DRIVING PAWL POSITION	TT	-----
		2.11	CLEARANCE BETWEEN DRIVING ARM STUD AND OUTSIDE INTERRUPTER SPRING	TT	-----
		2.12	OUTSIDE INTERRUPTER SPRING TENSION	TT	-----
		2.13	ELECTRICAL REQUIREMENTS	TT	-----

TAPE GUIDES AND SPRINGS

034-300-701	(3/0)	2.14	POSITIONING SPRING TENSION	TT	-----
		2.15	CLEARANCE BETWEEN GUIDE SPRINGS & TAPE CHUTE	TT	-----
		2.16	PRESSURE PLATE TENSION	TT	-----

SPLICE CONTACT ASSEMBLY

034-300-701	(3/0)	2.17	FREEDOM OF MOVEMENT OF SPLICE CONTACT ROCKER ARM	TT	-----
		2.18	SPLICE CONTACT OPERATION	TT	-----

CUTTER MECHANISM (D-175914 PERFORATOR ONLY)

034-300-701	(3/0)	2.19	CUTTER ASSEMBLY MOUNTING	TT	-----
		2.20	FREEDOM OF ROTARY KNIFE MOVEMENT	TT	-----
		2.21	RETRACTILE SPRING TENSION	TT	-----
		2.22	CLEARANCE BETWEEN DRUM AND EXIT TAPE CHUTE	TT	-----

PERFORATING UNITS

034-300-701	(3/0)	2.23	MOUNTING	TT	-----
		2.24	PIN, GUIDE, AND DRUM HOLE ALIGNMENT	TT	-----
		2.25	PIN CLEARANCE	TT	-----
		2.26	RETRACTILE SPRING POSITION	TT	-----
		2.27	CLAMP POSITION	TT	-----
		2.28	PIN SPRING TIGHTNESS	TT	-----
		2.29	OPERATED ARMATURE GAP	TT	-----
		2.30	ARMATURE BACKSTOP SCREW POSITION	TT	-----
		2.31	ELECTRICAL REQUIREMENTS	TT	-----
DRUM ADVANCE MECHANISM (D-176283 PERFORATOR ONLY)					
034-300-701	(3/0)	2.32	CLEARANCE BETWEEN FINGER AND DRUM SURFACE	TT	-----
		2.33	ALIGNMENT OF FINGER WITH DRUM HOLES	TT	-----
		2.34	ARMATURE BACKSTOP GAP	TT	-----
		2.35	CONTACT MAKE	TT	-----
		2.36	TENSION OF MOVING CONTACT SPRINGS	TT	-----
		2.37	ELECTRICAL REQUIREMENTS	TT	-----
OVERALL PERFORATOR OPERATION					
024-305-701	(8/0)	2.04	ENGAGEMENT OF CARD FEED COUPLING	TT	-----
		2.05	CHAIN TENSION	TT	-----
		2.06	MOTOR AND PULLEY ASSEMBLY POSITION	TT	-----
		2.07	PHASING	TT	-----
		2.08	ECCENTRIC SHAFT SPEED	TT	-----
034-300-701	(3/0)	2.38	OPERATION TEST	TT	-----
CAM SWITCH					
024-305-701	(8/0)	2.09	POSITION OF MAINSPRING SHOE ON CAM	TT	-----
		2.10	MAINSRING SHOE PRESSURE	TT	-----
		2.11	FEATHER SPRING STUD PRESSURE	TT	-----
		2.12	FEATHER SPRING ALIGNMENT	TT	-----
		2.13	CONTACT ALIGNMENT	TT	-----
		2.14	MAKE AND BREAK OF CAM SWITCH CONTACTS	TT	-----
CLUTCH DRIVE					
024-305-701	(8/0)	2.15	POSITION OF POINTER	TT	-----
		2.16	CLEARANCE BETWEEN CENTERING PLUNGERS AND CENTERING ARM	TT	-----
		2.17	PRESSURE OF CENTERING PLUNGERS	TT	-----
		2.18	SEPARATION BETWEEN INTERMITTENT CLUTCH MEMBERS	TT	-----
		2.19	PRESSURE OF ANTIOVERTHROW PAWL	TT	-----
		2.20	FREEDOM OF ANTIOVERTHROW PAWL	TT	-----
		2.21	POSITION OF COCKING STOP	TT	-----
		2.22	POSITION OF CHECKING STOP	TT	-----
		2.23	CLEARANCE BETWEEN MOVABLE CARD AND CARD OPERATING STUD	TT	-----

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024-305-701	(8/0)	2.24	CONTACT ALIGNMENT	TT	-----
		2.25	SPRING TANG POSITION	TT	-----
		2.26	CARD STOP POSITION	TT	-----
		2.27	CLEARANCE BETWEEN MOVING SPRINGS AND CARD	TT	-----
		2.28	SPRING TENSION	TT	-----
		2.29	SEPARATION BETWEEN SPRINGS	TT	-----
034-305-701	(8/0)	2.30	SPRING GAUGING	TT	-----
		2.31	ELECTRICAL REQUIREMENTS	TT	-----
LATCH					
034-305-701	(8/0)	2.32	PRESSURE OF FORWARD STOP ROLLER	TT	-----
		2.33	ARMATURE RETAINING SPRING TENSION	TT	-----
		2.34	ARMATURE BASE GAP	TT	-----
		2.35	CLEARANCE BETWEEN ARMATURE & BACKSTOP SCREW	TT	-----
		2.36	PAWL SPRING TENSION	TT	-----
		2.37	CONTACT ALIGNMENT	TT	-----
		2.38	SPRING TANG POSITION	TT	-----
		2.39	CARD STOP POSITION	TT	-----
		2.40	CLEARANCE BETWEEN MOVING SPRINGS AND CARD	TT	-----
		2.41	SPRING TENSION	TT	-----
		2.42	SEPARATION BETWEEN SPRINGS	TT	-----
		2.43	SPRING GAUGING	TT	-----
		2.44	ELECTRICAL REQUIREMENTS	TT	-----
			(2.31.1) BRAKE CAM POSITION	TT	-----
PUNCH AND CARD FEED					
034-305-701	(8/0)	2.45	GATE GAP	TT	-----
		2.46	THROAT FREEDOM	TT	-----
		2.47	THROAT SPRING POSITION	TT	-----
		2.48	THROAT SPRING TENSION	TT	-----
		2.49	CARD HOOK SHOE PRESSURE	TT	-----
		2.50	FREEDOM OF MOVEMENT OF CARD HOOK SHOE	TT	-----
		2.51	CARD FEED FAILURE ALARM CONTACT SPRING POSITION	TT	-----
		2.52	CARD FEED FAILURE ALARM CONTACT SPRING TENSION	TT	-----
IN-BIN					
034-305-701	(8/0)	2.53	PLATFORM LATCH	TT	-----
		2.54	PLATFORM RELEASE	TT	-----
		2.55	CLOSED POSITION OF DOOR	TT	-----
		2.56	POSITION OF CARD AND ELEVATOR GUIDE BAR	TT	-----
		2.57	CARD AND ELEVATOR GUIDE BAR TENSION	TT	-----
		2.58	ELEVATOR SPRING TENSION	TT	-----
		2.59	POSITION OF CARD FOLLOWER PAD	TT	-----

034-305-701	(8/0)	2.60	FREEDOM OF MOVEMENT OF CARD FOLLOWER PAD	TT	-----
		2.61	POSITION OF BIN CARD GUIDE BARS	TT	-----
		2.62	"MICRO SWITCH" OPERATION	TT	-----
INTERPOSER LATCHES AND SELECTOR MAGNETS					
034-305-701	(8/0)	2.63	LATCH SPRING TENSION	TT	-----
		2.64	LATCH CLEARANCE	TT	-----
		2.65	LOCKING POSITION OF LATCH	TT	-----
		2.66	LATCH ENGAGEMENT	TT	-----
		2.67	ARMATURE AIR GAP	TT	-----
		2.68	ELECTRICAL REQUIREMENTS	TT	-----
OPERATION					
034-305-701	(8/0)	2.69	CARD FEED AND PERFORATION	TT	-----
034-306-701	(5/1)	2.04	RETAINING PAWL POSITION	TT	-----
		2.05	RETAINING PAWL TENSION	TT	-----
		2.06	ARMATURE BACKSTOP POSITION	TT	-----
		2.07	ENGAGEMENT OF DRIVING PAWL WITH RATCHET WHEEL TEETH	TT	-----
		2.08	POSITION OF MAGNET	TT	-----
		2.09	DRIVING SPRING TENSION	TT	-----
		2.10	DRIVING PAWL TENSION	TT	-----
		2.11	DRIVING PAWL POSITION	TT	-----
		2.12	CLEARANCE BETWEEN DRIVING ARM STUD AND OUTSIDE INTERRUPTER SPRING	TT	-----
		2.13	OUTSIDE INTERRUPTER SPRING TENSION	TT	-----
		2.14	ELECTRICAL REQUIREMENT	TT	-----
TAPE GUIDES AND SPRINGS					
034-306-701	(5/1)	2.15	TAPE POSITIONING SPRING TENSION	TT	-----
		2.16	CLEARANCE BETWEEN GUIDE SPRINGS AND TAPE CHUTE	TT	-----
		2.17	TAPE GUIDE SPRING PRESSURE	TT	-----
SPLICE CONTACT ASSEMBLY					
034-306-701	(5/1)	2.18	SPLICE CONTACT OPERATION	TT	-----
TAPE CUTTER ASSEMBLY (KS-13882 L1 AND L3 PERFORATORS ONLY)					
034-306-701	(5/1)	2.19	CLEARANCE BETWEEN EXIT TAPE CHUTE AND DRUM	TT	-----
		2.20	FREEDOM OF ROTARY KNIFE MOVEMENT	TT	-----
		2.21	RETRACTILE SPRING TENSION	TT	-----
		2.22	CLEARANCE BETWEEN EXIT TAPE CHUTE AND TAPE GUIDE	TT	-----
		2.23	CLEARANCE BETWEEN ANGLE AND LIP OF EXIT TAPE CHUTE	TT	-----
		2.24	RELATION BETWEEN THE LEADING EDGE OF ROTARY KNIFE AND EXIT TAPE CHUTE	TT	-----
		2.25	CLEARANCE BETWEEN CHROMIUM PLATED ANGLE AND STATIONARY KNIFE	TT	-----

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034-306-701	(5/1)	2.26	MOUNTING	TT	-----
		2.27	PIN, GUIDE, AND DRUM HOLE ALIGNMENT	TT	-----
		2.28	RETRACTILE SPRING POSITION	TT	-----
		2.29	OPERATED ARMATURE GAP	TT	-----
		2.30	ARMATURE BACKSTOP SCREW POSITION	TT	-----
		2.31	ELECTRICAL REQUIREMENTS	TT	-----
DRUM ADVANCE CHECKING MECHANISM (KS-13882 L2 PERFORATOR ONLY)					
034-306-701	(5/1)	2.32	CLEARANCE BETWEEN FINGER AND DRUM SURFACE	TT	-----
		2.33	ALIGNMENT OF FINGER WITH DRUM HOLES	TT	-----
		2.34	ARMATURE BACKSTOP GAP	TT	-----
		2.35	CONTACT MAKE	TT	-----
		2.36	TENSION OF MOVING CONTACT SPRINGS	TT	-----
		2.37	ELECTRICAL REQUIREMENTS	TT	-----
OVERALL PERFORATOR OPERATION					
034-306-501	(1/0)	5.01	(5.01-5.54) TESTING PROCEDURES	TT	-----
034-306-502	(1/0)	5.01	(5.01-5.56) TESTING PROCEDURES	TT	-----
034-306-701	(5/1)	2.38	OPERATION TEST	TT	-----
034-335-301	(1/0)	3	FORMAT & SPEC	TT	-----
PUNCHED CARD READER NCR EM D2					
034-339-302	(1/0)	3	OPER TEST	TT	-----
18.2 RECORDING EQPT; READERS					
SELECT ONLY ONE CATEGORY					
NCR EM-D2 USED WITH (ADOIT)					
034-339-701	(2/1)	2.01	GENERAL CLEANING	MW M	-----
		2.01	INTERNAL WORKING MECHANISMS CLEANING	MW *	-----
		2.02	LUBRICATION (TABLEB)	MW *	-----
		2.03	CARD CONTROL LINE	MW *	-----
		2.04	ESCAPEMENT ASSEMBLY	MW *	-----
		2.05	FRICTION CLUTCH TORQUE	MW 3M	-----
		2.06	BELT TENSION AND ALIGNMENT	MW *	-----
		2.09	INPUT CARD HOPPER (EACH 500,000 CAM OPERATIONS)	MW *	-----
D-176284, D-176447, D-176449					
034-330-701	(1/0)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW *	-----
KS-13835 L1-7 USING SD-95497-01 TST SET					
034-335-502	(3/0)	A	OVERALL OPERATION (1000 HOURS)	MW M	-----
		B	MAKE CONTACT, BREAK CONTACT (1000 HOURS)	MW M	-----
		C	READER SPEED (1000 HOURS)	MW M	-----
		D	FALSE MAKE WITH UNPERFORATED TAPE IN READER (1000 HOURS)	MW M	-----

034-335-502	(3/0)	E	CONTACT CHATTER (1000 HOURS)	MW M	-----
		F	READER STEP MAGNET (1000 HOURS)	MW M	-----
034-335-701	(7/0)	2.01	CLEANING (1000 HOURS)	MW M	-----
		2.02	(2.02A) STEPPING MECHANISM (1000 HOURS)	MW M	-----
		2.02	(2.02C4) INSPECT. & RECALIBRATION (1000 HOURS)	MW M	-----
		2.02	(2.02C5) DRAIN & REFILL STEPPING MECHANISM	MW 6M	-----
		2.02	CHANGE GEAR CASE GREASE	MW 12M	-----
		2.13	(2.13F) CAM ROLLER BEARINGS	MW *	-----
KS-13835 L7 USING 151A TEST SET					
034-335-503	(1/0)	A	CONT POS AND EXCESS CHATTER TST (OR 1000 HRS, WHICHEVER OCCURS FIRST)	MW 12M	-----
		B	INTERPOSER TEST (OR 1000 HRS, WHICHEVER OCCURS FIRST)	MW 12M	-----
		C	2 OUT OF 5 TEST (OR 1000 HRS, WHICHEVER OCCURS FIRST)	MW 12M	-----
KS-16789					
034-338-701	(1/0)	2.01	(2.01A) CLEANING FILM HOLDER	MW D	-----
		2.01	(2.01A) CLEANING FILM HOLDER	MW D	-----
		2.01	(2.01B) CLEANING MIRRORS VIEWING SCREEN REFLECTOR PROJECTION & CONDENSING LENS	MW M	-----
		2.01	(2.01C) CLEANING OTHER PARTS	MW M	-----
TROUBLE TESTS					
034-330-701	(1/0)	2.04	CLEARANCE BETWEEN INDEX DIAL AND VIEWER	TT	-----
		2.05	BELT POSITION AND TIGHTNESS	TT	-----
		2.06	FREEDOM OF ROCKER ARM MOVEMENT	TT	-----
		2.07	CAM AND ROLLER ALIGNMENT	TT	-----
		2.08	ALIGNMENT OF DRUM HOLES WITH READING PINS	TT	-----
		2.09	DRIVING PAWL POSITION	TT	-----
		2.10	DRIVING PAWL TENSION	TT	-----
		2.11	RETAINING PAWL POSITION	TT	-----
		2.12	RETAINING PAWL POSITION	TT	-----
		2.13	CLEARANCE BETWEEN DRUM ADVANCE CAM & ROLLER	TT	-----
		2.14	INTERRUPTER SPRING TENSION	TT	-----
		2.15	INTERRUPTER SPRING POSITION	TT	-----
		2.16	DRIVING SPRING TENSION	TT	-----
		2.17	DRUM ADVANCE MAGNET HOLD TEST	TT	-----
		2.18	FREEDOM OF READING PIN MOVEMENT	TT	-----
		2.19	STRAIGHTNESS OF READING PINS	TT	-----
		2.20	CLEARANCE BETWEEN READINGS PINS AND DRUM	TT	-----
		2.21	PRESSURE PLATE POSITION AND TENSION	TT	-----
		2.22	CLEARANCE BETWEEN TAPE GUIDE FINGERS AND PRESSURE PLATE	TT	-----
		2.23	CLEARANCE BETWEEN TAPE GUIDE FINGERS AND READING PINS	TT	-----

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034-330-701	(1/0)	2.24	CONTACT FOLLOW	TT	-----
		2.25	PARALLELISM OF BIFURCATED SPRINGS	TT	-----
		2.26	CONTACT SPRING TENSION	TT	-----
		2.27	CONTACT MAKE	TT	-----
		2.28	CONTACT SEPARATION OF READING CONTACTS	TT	-----
		2.29	READING CONTACT RETRACTILE SPRING TENSION	TT	-----
		2.30	AUXILIARY CONTACT RETRACTILE SPRING TENSION	TT	-----
		2.31	RESIDUAL AIR GAP	TT	-----
		2.32	HEELPIECE AIR GAP	TT	-----
		2.33	STOP MAGNET ARM POSITION	TT	-----
		2.34	SPRING GAUGING	TT	-----
		2.35	ELECTRICAL REQUIREMENTS	TT	-----
		2.36	TAPE FEED KEY	TT	-----
		2.37	MOTOR REQUIREMENTS	TT	-----
		2.38	OPERATION TEST	TT	-----
034-335-501	(1/0)	5.01	(5.01-5.64) TESTING PROCEDURES	TT	-----
034-335-502	(3/0)	A	OVERALL OPERATION	TT	-----
		B	MAKE CONTACT & BREAK CONTACT TIMING	TT	-----
		C	READER SPEED	TT	-----
		D	FALSE MAKE WITH UNPERFORATED TAPE IN READER	TT	-----
		E	CONTACT CHATTER	TT	-----
		F	READER STEP MAGNET	TT	-----
034-335-503	(1/0)	D	POSSIBLE ERROR CONDITIONS AND THEIR ANALYSIS	TT	-----
034-335-701	(7/0)	2.04	CLEARANCE BETWEEN LIP OF TAPE CHUTE AND DRUM	TT	-----
		2.05	CLEARANCE BETWEEN OUTPUT TAPE PLATE AND DRUM	TT	-----
		2.06	CONTROL CONTACT LOCATING SPRING TENSION	TT	-----
		2.07	CONTROL CONTACT RETRACTILE SPRING TENSION	TT	-----
		2.08	READING CONTACT SPRING TENSION	TT	-----
		2.09	MAKE-CONTACT AND BREAK-CONTACT TIMING	TT	-----
		2.10	CONTACT SEPARATION OF READING CONTACTS	TT	-----
		2.11	TAPE FEED KEY	TT	-----
		2.12	MOTOR	TT	-----
		2.13	OPERATION	TT	-----
034-338-701	(1/0)	2.01	CLEANING	TT	-----
		2.02	MOUNTING OF PARTS	TT	-----
		2.03	MOVEMENT OF VERTICAL SCANNING LEVEL	TT	-----
		2.04	SEPARATION BETWEEN CLAMPING AND GUIDE PLATES	TT	-----
		2.05	CLAMPING PLATE SPRING TENSION	TT	-----
		2.06	FREEDOM OF MOVEMENT OF FILM ADVANCE ASSEMBLY	TT	-----
		2.07	ILLUMINATION OF VIEWING SCREEN	TT	-----

034-338-701	(1/0)	2.08	QUALITY OF IMAGE ON VIEWING SCREEN	TT	-----
		2.09	REFLECTION OF EXTERNAL LIGHTING IN VIEWING SCREEN	TT	-----
		2.10	ALIGNMENT OF FILAMENT AND FILAMENT IMAGE	TT	-----
			FRESNEL LENSES AND INNER SURFACES OF SCREEN AND BACKING FILE	TT	-----
034-339-701	(2/1)	2.07	MANUAL AND CAM SWITCHES	TT	-----
		2.08	READER TABLE	TT	-----
		2.10	CARD FEEDING MECHANISM	TT	-----
		2.11	STARWHEEL SWITCH BLOCK ASSEMBLY	TT	-----
18.3 RECORDING EQPT; CLN CAB KS-13928					
FOR ALL UNITS					
034-349-701	(2/0)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW 6M	-----
		2.03	DRAINING WATER AND OIL FROM THE AIR STORAGE TANK AND CONDENSER (AIR FILTER TANK)	MW *	-----
TROUBLE TESTS					
034-339-701	(2/0)	2.04	AIR PRESSURE	TT	-----
		2.05	OPERATION	TT	-----
18.4 RECORDING EQPT; RCDR & REPRDR					
SELECT ONLY ONE CATEGORY					
KS-12055 L4 & L6					
034-350-701	(5/1)	2.01	CLEANING	MW *	-----
		2.02	RECORDING BAND (NOT EQUIPPED WITH WIPER-LUBRICATION ASSEMBLY) LUBE	MW M	-----
		2.02	RECORDING BAND (EQUIPPED WITH WIPER-LUBRICATION ASSEMBLY) LUBE	MR M	-----
		2.02	OTHER PARTS LUBE	MW 6M	-----
KS-12068 L4-L7					
034-351-701	(7/1)	2.01	CLEANING	MW *	-----
		2.02	RECORDING BAND (NOT EQUIPPED WITH WIPER-LUBRICATION ASSEMBLY)	MW M	-----
		2.02	RECORDING BAND (EQUIPPED WITH WIPER-LUBRICATION ASSEMBLY)	MR M	-----
		2.02	OTHER PARTS	MW 6M	-----
KS-16534					
034-353-701	(2/0)		KS-16534 RECORDER-REPRODUCER AND ASSOCIATED AUDIO FACILITIES-ADJUSTING PROCEDURES	MR *	-----
034-353-703	(1/0)	2.01	CLEANING	MW *	-----
034-353-704	(1/0)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW *	-----
KS-16765 L3					
034-354-701	(4/0)	2.01	CLEANING	MW *	-----
		2.02	LUBRICATION	MW *	-----

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034-354-701 (4/0)	2.21	WEAR OF MAGNETIC HEAD	MR *	-----
KS-19124				
034-355-701 (3/1)	2.01	CLEANING GENERAL	MW W	-----
	2.01	CLEANING CAPSTAN IDLER	MW W	-----
	2.01	CLEANING CAPSTAN & TAPE GUIDES	MW D	-----
	2.01	CLEANING HEAD ASSEMBLY (8 HRS OF OPERATION)	MW D	-----
	2.01	(2.01E,F) CLEANING PULLEY SURFACES OF DRIVE MOTOR & CAPSTAN FLYWHEEL, BRAKE DRUM	MW 3W	-----
	2.02	LUBRICATION (1000 HRS OF USE OR 12M WHICHEVER COMES FIRST)	MW M	-----
KS-19125 L1 & L2				
034-356-701 (4/0)	2.01	CLEANING TAPE PATH (EACH TAPE CHANGE)	MW *	-----
	2.01	CLEANING OTHER PARTS	MW *	-----
	2.02	LUBRICATION	MR 6M	-----
	2.18	FRONT COVER DOORS	MR *	-----
	2.19	REAR DOORS	MR *	-----
KS-19325				
034-357-701 (4/0)	2.01	CLEANING TAPE PATHS	MW *	-----
	2.01	CLEANING OTHER PARTS	MW W	-----
KS-19326				
034-358-701 (3/0)	2.01	CLEANING TAPE PATH (8 HRS OF OPERATION AND EACH TAPE CHANGE)	MW D	-----
	2.01	CLEANING INSIDE TAPE CLEANERS	MW W	-----
	2.01	CLEANING GENERAL (WEEKLY OR 40 HRS USE, WHICHEVER COMES FIRST)	MW W	-----
	2.06	VISUAL CHECK MAGNETIC HEAD ASSEMBLY	MW W	-----
	2.06	ELECTRONIC CHECK MAGNETIC HEAD ASSEMBLY	MW 2M	-----
	2.10	TRANSMISSION DRIVE BELTS & ASSOCD IDLER ASSEMBLY	MW W	-----
	2.11	TAPE SPEED	MW 3M	-----
	2.12	TAPE TRACKING	MW M	-----
	2.13	TAPE PATH (EACH TAPE CHANGE)	MW *	-----
	2.14	SPRING & ROLLER ASSEMBLY (EACH TAPE CHANGE)	MW *	-----
	2.15	BRAKE SOLENOID	MW 6M	-----
	2.18	TAPE REELS (EACH TAPE CHANGE)	MW *	-----
	2.21	EOT/BOT AMPLIFIER	MR 3M	-----
	2.22	SERVO SYSTEM	MR M	-----
10A RECORDER				
034-359-701 (3/0)	2.01	CLEANING	MR *	-----
	2.02	LUBRICATION DRUM BEARINGS	MW *	-----
	2.02	LUBRICATION OTHER PARTS	MW *	-----
	2.36	WEAR OF RECORDING HEAD	MR *	-----
KS-19125 L3				

034-360-701 (3/1)	2.01 (E) CLEAN REEL TURNTABLE BRAKE	MR W	-----	
	2.01 (D) CLEAN FINISH	MR W	-----	
	2.01 (C) CLEAN COVER DOOR	MR W	-----	
	2.01 (B) CLEANING TAPE PATH (EACH TAPE CHANGE)	MW *	-----	
	2.01 (A) GENERAL CLEANING	MR W	-----	
	2.02 (D) LUBRICATE HINGES	MW 6M	-----	
	2.02 (C) LUBRICATE PINCH ROLLER	MW 6M	-----	
	2.12 INSPECT FRONT DOOR COVER	MR *	-----	
	2.13 INSPECT REAR DOOR	MR *	-----	
	KS-20017			
	034-361-701 (1/0)	2.01 CLN & INSP WRITE HEAD (EACH TAPE CHANGE)	MW *	-----
		2.01 GENERAL CLEANING	MW W	-----
		2.01 CLEANING TAPE CLEANER ASSEMBLY	MW W	-----
2.01 CLN & INSP ERASE HEAD (EACH TAPE CHANGE)		MW *	-----	
2.01 CLN & INSP TAPE GUIDES (EACH TAPE CHANGE)		MW *	-----	
2.01 CLN & INSP CAPSTAN & PINCH ROLLER (EACH TAPE CHANGE)		MW *	-----	
2.02 (2.02C) LUBRICATION HINGES		MW 6M	-----	
2.02 (2.01D) LUBRICATION COVER DOOR LATCH & STAY ASSEMBLIES		MW 6M	-----	
2.02 LUBRICATION SPRING PIVOTS		MW 12M	-----	
2.02 LUBRICATION PINCH ROLLER LEVER BRACKET		MW 12M	-----	
2.17 CHECK WHEEL BRAKE TORQUE & GAP		MW 12M	-----	
2.18 INSPECT REEL MOTOR BRUSHES		MW 12M	-----	
2.19 REPLACE RELAY K4 OF CP3 & CP4		MW 24M	-----	
KS-21447				
034-362-701 (1/0)	2.01 CLEANING TAPE PATH (INSPECT EACH TAPE CHANGE)	MR *	-----	
	2.01 CLEANING GENERAL	MW 3M	-----	
	2.09 HEAD ASSEMBLY INSPECT	MW 3M	-----	
KS-19647				
034-365-701 (1/0)	- CHECK REEL BRAKE LINING, TABLE A (4000 HOURS TAPE IN MOTION)	MW 5M	-----	
	- REPLACE REEL MOTOR BRUSHES, TABLE A (5000 HOURS TAPE IN MOTION)	MW 6M	-----	
	- CHECK VACUUM UNIT MOTOR BRUSHES, TABLE A (800 HOURS, STANDBY & IN USE)	MW M	-----	
	- REPLACE VACUUM MOTOR, TABLE A (4000 HOURS, STANDBY & IN USE)	MW 5M	-----	
	- REPLACE CAPSTAN & REEL TACHOMETER TABLE A (30,000 HRS TAPE IN MOTION)	MW 36M	-----	
	- REPLACE LOOP SENSOR ASSEMBLY (10,000 HRS, STANDBY & IN USE)	MW 12M	-----	
	2.02 CLEANING GENERAL (200 HOURS, STANDBY & IN USE)	MW W	-----	
	2.02 CLEANING TAPE PATH (8 HOURS IN MOTION)	MW *	-----	

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034-365-701	(1/0)	2.02	CLEANING TAPE CLEANER CARTRIDGE (120 HOURS IN MOTION)	MW W	-----
		2.02	REPLACE VACUUM UNIT FILTER (800 HOURS)	MW W	-----
		2.03	LUBRICATION	MW 6M	-----
		2.05	CHECK REEL BRAKE TENSION (800 HOURS, STANDBY & IN MOTION)	MW M	-----
		2.09	REPLACE PHOTOSENSE HEAD ASSEMBLY (10,000 HRS, STANDBY IN USE)	MW 12M	-----
KS-19671					
034-366-701	(1/0)	2.01	GENERAL CLEANING	MR *	-----
KS-19897					
034-367-701	(2/0)	-	REPLACE VACUUM BLOWER MOTOR, TABLE A (4000 HRS, STANDBY & IN USE)	MW 5M	-----
		-	REPLACE CAPSTAN DRIVE ASSEMBLY TABLE A (30,000 HRS TAPE IN MOTION)	MW 36M	-----
		-	REPLACE REEL TACHOMETER (30,000 HRS TAPE IN MOTION)	MW 36M	-----
		-	REPLACE PHOTOSENSE HEAD ASSEMBLY (10,000 HRS, STANDBY AND IN USE)	MW 12M	-----
		-	REPLACE LOOP SENSOR ASSEMBLIES (10,000 HRS, STANDBY & IN USE)	MW 12M	-----
		2.01	CLEANING GENERAL (170 HRS, STANDBY & IN USE)	MW W	-----
		2.01	CLEANING TAPE PATH (8 HRS TAPE IN MOTION)	MW *	-----
		2.01	CLEANING TAPE CLEANER CARTRIDGE (5000 HRS TAPE IN MOTION)	MW 6M	-----
		2.01	REPLACE VACUUM BLOWER FILTER (800 HRS, STANDBY & IN USE)	MW M	-----
		2.02	LUBRICATION DOOR HINGES	MW 6M	-----
		2.04	INSPECT VACUUM BLOWER MOTOR BRUSHES (800 HRS, STANDBY & USE)	MW M	-----
		2.05	INSPECT REEL MOTOR BRUSHES (5000 HRS TAPE IN MOTION)	MW 6M	-----
		2.06	CHECK VACUUM LEVEL (500 HRS, STANDBY & IN USE)	MW 2W	-----
		2.06	REPLENISH CAPSTAN BRAKE FLUID (2500 HRS, STANDBY & IN USE OR 350 HRS TAPE IN MOTION)	MW 3M	-----
		2.07	CHECK REEL BRAKE TENSION (800 HRS, STANDBY & IN USE)	MW M	-----
		2.08	INSPECT REEL MOTOR BRAKE LININGS (4000 HRS TAPE IN MOTION)	MW 5M	-----
		2.12	READJUST CAPSTAN INCREMENTAL SPEED (2500 HRS, STANDBY & IN USE OR 550 HRS TAPE IN MOTION)	MW 3M	-----
KS-20571					
034-369-302	(1/0)	3	ROUTINE CHECKS	MW *	-----
034-369-701	(2/0)	2.01	(2.01A) GENERAL CLEANING	MW W	-----
		2.01	(2.01B) CLEANING TAPE PATH COMPONENTS	MW D	-----
		2.01	(2.01B1) CLEANING TAPE CLEANER ASSEMBLY	MW *	-----
		2.01	(2.01B2) INSPECT READ, WRITE, & ERASE HEADS	MW D	-----
		2.01	(2.01C) CLEANING COVER DOORS	MR *	-----

034-369-701	(2/0)	2.01	(2.01D) INSPECT FINISH	MR *	-----
		2.02	LUBRICATION	MR *	-----
		2.09	REEL MOTOR BRUSHES	MW 12M	-----
TROUBLE TESTS					
034-350-701	(5/1)	2.04	CENTERING OF RECORDING BAND ON DRUM	TT	-----
		2.05	DRUM SETSCREW CLEARANCE ON MACHINES EQUIPPED WITH KS-12055 L20 DRUM ONLY	TT	-----
		2.06	FREEDOM OF MOVEMENT OF COUNTERWEIGHT AND HEAD ASSEMBLIES	TT	-----
		2.07	RECORD BIAS AND RECORD LEVEL	TT	-----
		2.08	POSITION OF RECORD HEAD ON RECORDING BAND	TT	-----
		2.09	PRESSURE OF RECORD HEAD AGAINST RECORDING DRUM	TT	-----
		2.10	ERASE COIL	TT	-----
		2.11	FREEDOM OF MOVEMENT OF SOLENOID AND ERASE MAGNET PARTS	TT	-----
		2.12	CLEARANCE BETWEEN ERASE MAGNET MOUNTING PLATE AND BEARING PLATE	TT	-----
		2.13	POSITION OF MICROSWITCH OPERATING FINGER	TT	-----
		2.14	CLEARANCE BETWEEN ERASE MAGNET AND RECORDING BAND	TT	-----
		2.15	CENTERING OF ERASE MAGNET WITH RESPECT TO RECORDING BAND	TT	-----
		2.16	TRAVERSE ARM PLAY	TT	-----
		2.17	POSITION OF TRAVERSE ARM	TT	-----
		2.18	RETRACTILE SPRING TENSION	TT	-----
		2.19	FREEDOM OF MOVEMENT OF HEAD LIFTER ARM	TT	-----
		2.20	RAISING AND LOWERING OF RECORD HEAD	TT	-----
		2.21	CONTACT ALIGNMENT	TT	-----
		2.22	CONTACT SEPARATION	TT	-----
		2.23	CONTACT FOLLOW	TT	-----
		2.24	CONTACT SEQUENCE	TT	-----
		2.25	CLEARANCE BETWEEN CAM AND STUD ON OPERATING SPRING	TT	-----
034-351-701	(7/1)	2.04	CENTERING OF RECORDING BAND ON DRUM	TT	-----
		2.05	RECORD AND ERASE VOLTAGE AND RECORD LEVELS	TT	-----
		2.06	POSITION OF RECORD AND ERASE HEADS ON RECORDING BAND	TT	-----
		2.07	PRESSURE OF RECORD AND ERASE HEADS AGAINST RECORDING BAND	TT	-----
		2.08	FREEDOM OF MOVEMENT	TT	-----
		2.09	RECORD AND ERASE HEAD MOUNTING BRACKET SIDE PLAY	TT	-----
		2.10	CLEARANCE BETWEEN STATIONARY SHIELD AND ADJACENT PARTS	TT	-----
		2.11	INTERFERENCE BETWEEN ADJACENT CHANNELS	TT	-----
		2.12	ERASURE OF MESSAGE	TT	-----

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034-351-701	(7/1)	2.13	CLEARANCE BETWEEN PERMANENT MAGNET AND MERCURY SWITCH (L4 MACHINE ONLY)	TT	-----
		2.14	ADJUSTABLE MOTOR MOUNT	TT	-----
		2.15	DRIVING BELT TENSION	TT	-----
		2.16	PULLEY AND DRIVING BELT ALIGNMENT	TT	-----
		2.17	RECORDING DRUM SPEED	TT	-----
		2.18	MICROSWITCHES AND SWITCH CAMS	TT	-----
		2.19	OPERATION REQUIREMENT	TT	-----
034-353-501	(1/0)	A	VOICE ALM-SINGLE CHANNEL	TT	-----
		B	REPEAT DICTATE-SINGLE CHANNEL	TT	-----
		C	VOICE ALM-SINGLE CHANNEL	TT	-----
		D	MAJ ALM-DUAL CHANNEL	TT	-----
034-353-703	(1/0)	2.02	RELAY MOUNTING	TT	-----
		2.03	FREEDOM OF MOVEMENT OF ARMATURE	TT	-----
		2.04	HEELPIECE AIRGAP	TT	-----
		2.05	ARMATURE TRAVEL	TT	-----
		2.06	STRAIGHTNESS OF SPRINGS	TT	-----
		2.07	SPRING GAUGING	TT	-----
		2.08	CONTACT SEPARATION	TT	-----
		2.09	CONTACT SEQUENCE	TT	-----
		2.10	CONTACT FOLLOW	TT	-----
		2.11	ARMATURE BACK TENSION	TT	-----
		2.12	ELECTRICAL REQUIREMENTS	TT	-----
034-353-704	(1/0)	2.04	PUCK PRESSURE	TT	-----
		2.05	PUCK CLEARANCE	TT	-----
		2.06	PUCK DRIVE SOLENOID STROKE	TT	-----
		2.07	CLEARANCE BETWEEN PUCK ARM AND BUFFER ON PUCK CLEARANCE ADJUSTING COLLAR	TT	-----
		2.08	FREEDOM OF MOVEMENT OF PUCK	TT	-----
		2.09	PUCK ENDPLAY	TT	-----
		2.10	BREAK SHOE CLEARANCE	TT	-----
		2.11	OPERATION OF BREAK	TT	-----
		2.12	DRUM BREAK RELEASE MAGNET	TT	-----
		2.13	BELT AND PULLEY ALIGNMENT	TT	-----
		2.14	IDLER PULLEY PRESSURE	TT	-----
		2.15	ENGAGEMENT OF HALF-NUT WITH LEAD SCREW	TT	-----
		2.16	PRESSURE OF HALF-NUT ON LEAD SCREW	TT	-----
		2.17	CLEARANCE BETWEEN HALF-NUT AND LEAD SCREW	TT	-----
		2.18	CLEARANCE BETWEEN RETURN CHANNEL ARM AND ADJUSTING COLLAR BUFFER	TT	-----
		2.19	FREEDOM OF MOVEMENT OF LEAD SCREW SOLENOID PLUNGER	TT	-----

034-353-704 (1/0)	2.20	TENSION OF HEAD TRAVERSE ROD RETURN SPRING	TT	-----	
	2.21	FREEDOM OF MOVEMENT OF HEAD TRAVERSE ROD	TT	-----	
	2.22	HEAD TRAVERSE ROD INDEX SWITCH CONTACT SPRING REQUIREMENTS	TT	-----	
	2.23	HEAD TRAVERSE ROD LIMIT SWITCH CONTACT SPRING REQUIREMENTS	TT	-----	
	2.24	RELEASE OF VARIABLE LIMIT ROD	TT	-----	
	2.25	VARIABLE LIMIT MAGNET ARMATURE STUD PRESSURE	TT	-----	
	2.26	VARIABLE LIMIT RETURN SPRING TENSION	TT	-----	
	2.27	FREEDOM OF MOVEMENT OF VARIABLE LIMIT ROD	TT	-----	
	2.28	VARIABLE LIMIT SWITCH CONTACT SPRING REQUIREMENTS	TT	-----	
	2.29	OPERATION OF MERCURY SWITCH	TT	-----	
	2.30	FREEDOM OF MOVEMENT OF HEAD ASSEMBLY	TT	-----	
	2.31	RECORD REPRODUCE HEAD ENDPLAY	TT	-----	
	2.32	CUT-THROUGH DRUM INDEX, AND FLASHING SWITCHES CONTACT SPRING REQUIREMENTS	TT	-----	
	2.33	GAP BETWEEN ERASE COIL CORE & RECORDING BAND	TT	-----	
	2.34	ELECTRICAL REQUIREMENTS	TT	-----	
	2.35	OPERATION REQUIREMENT	TT	-----	
	034-354-701 (4/0)	2.04	DRUM SHAFT ENDPLAY	TT	-----
		2.05	MAGNETIC HEAD POSITION	TT	-----
		2.06	FREEDOM OF CARRIAGE FEED SCREW	TT	-----
		2.07	BAIL ASSEMBLY MOVEMENT	TT	-----
2.08		BAIL STOP POSITION	TT	-----	
2.09		CARRIAGE HALF-NUT POSITION	TT	-----	
2.10		FREEDOM OF CARRIAGE ASSEMBLY	TT	-----	
2.11		CONTACT ALIGNMENT (S1, S2, AND S3 SWITCHES)	TT	-----	
2.12		CONTACT SEPARATION AND FOLLOW (S1, S2, AND S3 SWITCHES)	TT	-----	
2.13		CARRIER FOOT POSITION	TT	-----	
2.14		LIMIT SWITCH CLAMP OPERATION	TT	-----	
2.15		LIMIT SWITCH MOVEMENT	TT	-----	
2.16		POSITION OF ERASE COIL ASSEMBLY	TT	-----	
2.17		MAGNETIC HEAD LIFTING TAB	TT	-----	
2.18		MAGNETIC HEAD PRESSURE	TT	-----	
2.19		DRUM SPEED	TT	-----	
2.20		FLAT DRIVE BELT	TT	-----	
2.22		ROUND DRIVE BELTS	TT	-----	
034-355-701 (3/1)		2.03	TAPE SUPPLY (REWIND) AND TAKE-UP CLUTCH TENSIONS	TT	-----
		2.04	SUPPLY AND TAKE-UP BRAKE ASSEMBLIES	TT	-----
	2.05	TURNTABLE HIGH TORQUE (BRAKE) SPRING TENSION	TT	-----	

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034-355-701	(3/1)	2.06	CLEARANCE BETWEEN CAPSTAN IDLER AND CAPSTAN	TT	-----
		2.07	CAPSTAN IDLER PRESSURE	TT	-----
		2.08	SPEED CHANGE ASSEMBLY	TT	-----
		2.09	DEMAGNETIZATION OF HEAD ASSEMBLY	TT	-----
		2.10	TAPE GUIDES	TT	-----
		2.11	REPRODUCE HEAD ALIGNMENT	TT	-----
034-356-701	(4/0)	2.04	REEL TURNTABLE ALIGNMENT	TT	-----
		2.06	BRAKING TORQUES FOR SUPPLY AND TAKE-UP REEL TURNTABLES	TT	-----
		2.07	TAPE-BREAK SWITCHES	TT	-----
		2.08	UPPER TENSION ARM AND DASH POT	TT	-----
		2.09	LOWER TENSION ARM	TT	-----
		2.10	HEAD ASSEMBLY	TT	-----
		2.11	PINCH ROLLER AND LIMIT SWITCH	TT	-----
		2.12	PINCH ROLLER SOLENOID	TT	-----
		2.13	FAST FORWARD, SLOW FORWARD, AND STOP SWITCHES	TT	-----
		2.14	END-OF-TAPE SENSOR	TT	-----
		2.15	DRIVE MOTOR AND CAPSTAN	TT	-----
		2.16	REEL MOTOR	TT	-----
		2.17	CONDITION INDICATOR	TT	-----
		2.20	RELAYS	TT	-----
034-357-302	(1/0)		TROUBLE LOCATING PROCED	TT	-----
034-358-302	(1/0)		TROUBLESHOOTING PROCEDURES	TT	-----
034-358-701	(3/0)	2.04	COVER DOOR	TT	-----
		2.05	INTERLOCK SWITCH	TT	-----
		2.07	MAG HD READ/WRITE CABLE ASSY CONTINUITY VERIF	TT	-----
		2.08	TAPE SENSOR	TT	-----
		2.09	TAPE SENSOR ASSY	TT	-----
		2.16	START TIME & STOP TIME	TT	-----
		2.17	REEL ADAPTER ASSY	TT	-----
		2.19	TENSION ARM SENSING SWITCH & ACTUATING CAM	TT	-----
		2.20	TENSION ARM TORSION SPRING TENSION	TT	-----
		2.23	REEL DRIVE MOTOR BRAKE TORQUE	TT	-----
		2.24	CAPSTAN SHAFT	TT	-----
		2.25	INSTANTANEOUS SPREAD VARIATIONS	TT	-----
034-359-701	(3/0)	2.03	DRUM SHAFT ENDPLAY	TT	-----
		2.04	RECORDING HEAD POSITION	TT	-----
		2.05	GEAR ENGAGEMENT	TT	-----
		2.06	FREEDOM OF CARRIAGE FEED SCREW	TT	-----
		2.07	BAIL ASSEMBLY MOVEMENT	TT	-----
		2.08	POSITION OF LATCH	TT	-----

034-359-701 (3/0)	2.09	LATCH OPERATION	TT	-----	
	2.10	BAIL STOP POSITION	TT	-----	
	2.11	CARRIAGE HALF-NUT POSITION	TT	-----	
	2.12	RELATION BETWEEN LATCH & MOTOR CONTROL SWITCH	TT	-----	
	2.13	CONTACT ALIGNMENT (MOTOR CONTROL SWITCH)	TT	-----	
	2.14	CONTACT SEPARATION (MOTOR CONTROL SWITCH)	TT	-----	
	2.15	CONTACT FOLLOW (MOTOR CONTROL SWITCH)	TT	-----	
	2.16	CONTACT SPRING CLEARANCE (MOTOR CONTROL SWITCH)	TT	-----	
	2.17	FREEDOM OF CARRIAGE ASSEMBLY	TT	-----	
	2.18	FREEDOM OF MOVEMENT OF OPERATING RODS	TT	-----	
	2.19	OPERATING ROD SPRING TENSION	TT	-----	
	2.20	CLEARANCE BETWEEN OPERATING ROD AND TIMING SWITCH	TT	-----	
	2.21	ENGAGEMENT OF OPERATING ROD AND ASSOCIATED SWITCH	TT	-----	
	2.22	CONTACT ALIGNMENT (TIMING & FLASHER SWITCH)	TT	-----	
	2.23	CONTACT SEPARATION (TIMING & FLASHER SWITCH)	TT	-----	
	2.24	OPERATING SEQUENCE OF TIMING AND DRUM PULSING SWITCHES	TT	-----	
	2.25	CARRIAGE FOOT POSITION	TT	-----	
	2.26	LIMIT SWITCH CLAMP OPERATION	TT	-----	
	2.27	LIMIT SWITCH MOVEMENT	TT	-----	
	2.28	POSITION OF ERASE COIL ASSEMBLY	TT	-----	
	2.29	CONTACT ALIGNMENT (DRUM PULSING SWITCH)	TT	-----	
	2.30	CONTACT SEPARATION (DRUM PULSING SWITCH)	TT	-----	
	2.31	CONTACT FOLLOW (DRUM PULSING SWITCH)	TT	-----	
	2.32	RECORDING HEAD LIFTING TAB POSITION	TT	-----	
	2.33	RECORDING HEAD PRESSURE	TT	-----	
2.34	DRUM CLUTCH PRESSURE	TT	-----		
2.35	DRUM SPEED	TT	-----		
034-360-701 (3/1)	2.04	HEAD ASSEMBLY	TT	-----	
	2.05	REEL TURNTABLE ALIGNMENT	TT	-----	
	2.06	BREAKING TORQUE FOR SUPPLY AND TAKE-UP REEL TURNTABLES	TT	-----	
	2.07	PINCH ROLLER AND LIMIT SWITCH	TT	-----	
	2.08	PINCH ROLLER LOCK SOLENOID	TT	-----	
	2.09	FAST FORWARD, SLOW FORWARD, & STOP SWITCHES	TT	-----	
	2.10	END-OF-TAPE PHOTOSENSE ASSEMBLY	TT	-----	
	2.14	RELAYS	TT	-----	
	034-361-031 (1/1)	3.04	D(3) SUPPLY REEL RESPONSE ABNORMAL--ABNORMAL ARM MOTION	TT	-----
		034-361-301 (1/1)	3.04	L(2) TAPE VIBRATIONS	TT

034-361-301 (1/1)	3.04	L(1) INFERIOR REEL TAPE PACK	TT	-----
	3.04	L TAPE PACK PROBLEMS	TT	-----
	3.04	K(1) BOT/EOT CONTROL FAILS TO STOP TAPE WINDING OPERATION	TT	-----
	3.04	K TAPE ENDS SENSOR ASSEMBLY	TT	-----
	3.04	J(2) ONE OR MORE CHANNELS DO NOT PROVIDE ACCEPTABLE RECORDED SIGNAL	TT	-----
	3.04	J(1) ONE OR MORE CHANNELS ELECTRICALLY ABNORMAL (SHORTS, OPEN, OR PARTIAL SHORT)	TT	-----
	3.04	J RECORD HEAD--PROBLEMS OR VERFICATION TESTING	TT	-----
	3.04	I(2) ERASE HEAD PROVIDES INADEQUATE ERASURE	TT	-----
	3.04	I(1) ERASE HEAD CIRCUIT OPEN	TT	-----
	3.04	I ERASE HEAD--PROBLEMS OR VERIFICATION TESTING	TT	-----
	3.04	H(7) ABNORMAL AUDIBLE NOISES	TT	-----
	3.04	H(6) STATUS LAMPS FAULTY	TT	-----
	3.04	H(5) PINCH ROLLER POSITION INDICATOR FAULTY	TT	-----
	3.04	H(4) LOOP OFF-NORMAL INDICATIONS FAULTY--RECORDER OPERATION APPEARS NORMAL	TT	-----
	3.04	H(3) TAPE BREAK INDICATIONS FAULTY	TT	-----
	3.04	H(2) DOOR OPEN SWITCH FAULTY	TT	-----
	3.04	H(1) TAPE MOTION CHECK FAULTY	TT	-----
	3.04	H MISCELLANEOUS PROBLEMS	TT	-----
	3.04	G(6) FAULTY CHARACTER SPACING PERFORMANCE	TT	-----
	3.04	G(5) STEPPING MOTOR DOES NOT RESPOND TO IBG INPUT STEP RATE	TT	-----
	3.04	G(4) BLOCK COUNTER FAULTY	TT	-----
	3.04	G(3) FAULTY WRITE STROBE--OCCASIONALLY MISSING, LATE, OR MULTIPLE STROBES	TT	-----
	3.04	G(2) WRITE STROBE NOT GENERATED (STEPPING MOTOR RESPONDS)	TT	-----
	3.04	G(1) STEPPING MOTOR DOES NOT PHYSICALLY RESPOND TO STEP COMMANDS	TT	-----
	3.04	G STEPPING MOTOR SYSTEM	TT	-----
	3.04	F(1) VOLTAGE REGULATOR DOES NOT PROVIDE 41 VOLTS	TT	-----
	3.04	F 41-VOLT REGULATED POWER SUPPLY	TT	-----
	3.04	E7 SUPPLY REEL DRIVE RESPONDS ABNORMALLY	TT	-----
	3.04	E(6) SUPPLY REEL DRIVE DOES NOT RESPOND	TT	-----
	3.04	E(5) TAKE-UP ARM--TAPE BREAK OR LOOP OFF-NORMAL WHILE STARTING OR STOPPING	TT	-----
	3.04	E(4) TAKE-UP ARM MOTION OCCASIONALLY ABNORMAL DURING REWIND	TT	-----
	3.04	E(3) TAKE-UP REEL DRIVE RESPONSE ABNORMAL--ABNORMAL ARM MOTION	TT	-----
	3.04	E(2) TAKE-UP REEL DRIVE DOES NOT RESPOND	TT	-----
	3.04	E(1) NO RESPONSE TO REWIND COMMAND	TT	-----

034-361-301 (1/1)	3.04	E REWIND MODE	TT	-----
	3.04	D(7) TAKE-UP REEL RESPONDS ABNORMALLY TO FORWARD WIND COMMAND	TT	-----
	3.04	D(6) TAKE-UP REEL DOES NOT RESPOND TO FORWARD WIND COMMAND	TT	-----
	3.04	D(5) SUPPLY ARM--TAPE BREAK OR LOOP OFF-NORMAL WHILE START OR STOP FORWARD WIND OP	TT	-----
	3.04	D(4) SUPPLY ARM MOTION OCCASIONALLY ABNORMAL DURING WINDING	TT	-----
	3.04	D(2) SUPPLY REEL DOES NOT RESPOND TO FORWARD WIND COMMAND	TT	-----
	3.04	D(1) NO RESPONSE TO FORWARD WIND COMMAND	TT	-----
	3.04	D FORWARD WIND MODE	TT	-----
	3.04	C(4) TAKE-UP ARM--TAPE BREAK (TAKE-UP BRAKE OPERATES NORMALLY)	TT	-----
	3.04	C(3) TAKE-UP ARM--SLOW OR OTHERWISE ABNORMAL MOTION	TT	-----
	3.04	C(2) SUPPLY ARM--SLOW OR OTHERWISE ABNORMAL MOTION	TT	-----
	3.04	C(1) SUPPLY ARM--LOOP OFF-NORMAL (SUPPLY BRAKE OPERATES NORMALLY)	TT	-----
	3.04	C OTHER STEPPING MODE DRIVE PROBLEMS	TT	-----
	3.04	B(6) NEITHER BRAKE RELEASES (SLACK UPPER LP, SLACK TIGHT, OR OSC LOWER LP)	TT	-----
	3.04	B(5) TAKE-UP ARM--LOOP OFF-NORMAL (EMPTY LOWER LOOP)	TT	-----
	3.04	B(4) SUPPLY ARM--TAPE BREAK (SLACK TAPE IN UPPER LOOP)	TT	-----
	3.04	B(3) NEITHER BRAKE OPERATES	TT	-----
	3.04	B(2) TAKE-UP ARM--TAPE BREAK (SLACK TAPE IN LOWER LOOP)	TT	-----
	3.04	B(1) SUPPLY ARM--LOOP OFF-NORMAL (EMPTY UPPER LOOP)	TT	-----
	3.04	B REEL MOTOR BRAKES--STEPPING MODE	TT	-----
	3.04	A(7) TAKE-UP MOTOR RUNS WITH BRK REL CONT ROD OPERATED (PULLED OUT)	TT	-----
	3.04	A(6) BOTH BRK REMAIN OP WHEN BRK REL CONT ROD IS RELEASED (PUSHED IN)	TT	-----
	3.04	A(5) TAKE-UP BRK REMAINS OP WHEN BRK REL CONT ROD IS RELEASED (PUSHED IN)	TT	-----
	3.04	A(4) SUP BRK REMAINS OP WHEN BRK REL CONT ROD IS RELEASED (PUSHED IN)	TT	-----
	3.04	A(3) BRK REL CONT ROD WILL NOT OPERATE (MECH REEL) TAKE-UP MOTOR BRAKE	TT	-----
	3.04	A(2) BRK REL CONT ROD WILL NOT OPERATE (MECH REL) SUPPLY MOTOR BRAKE	TT	-----
	3.04	A(1) BRK REL CONT ROD WILL NOT OPERATE (MECH REL) EITHER BRAKE	TT	-----
	3.04	A REEL MOTOR BRAKES--LOAD AND UNLOAD MODE	TT	-----
034-361-701 (1/1)	2.04	WRITE HEAD	TT	-----

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034-361-701	(1/1)	2.05	ERASE HEAD	TT	-----		
		2.06	PINCH ROLLER AND LIMIT SWITCHES	TT	-----		
		2.07	DOOR OPEN AND BRAKE RELEASE SWITCHES	TT	-----		
		2.08	TAPE ENDS SENSOR ASSEMBLY AND FAST WIND OPERATION	TT	-----		
		2.09	TAPE GUIDES	TT	-----		
		2.10	COMPLIANCE ARMS	TT	-----		
		2.11	TAPE CLEANER	TT	-----		
		2.12	STEPPING MOTOR AND CAPSTAN	TT	-----		
		2.13	VOLTAGE REGULATOR	TT	-----		
		2.14	TAPE TENSION	TT	-----		
		2.15	REEL DRIVE MOTORS	TT	-----		
		2.16	REEL SERVO SYSTEM, CAMS, AND CAM SWITCHES	TT	-----		
		2.17	REEL BRAKE FOR SUPPLY AND TAKE-UP REELS	TT	-----		
		2.18	REEL MOTOR BRUSHES	TT	-----		
		2.19	RELAY K4 OF CP3 AND CP4	TT	-----		
		2.20	STATUS INDICATOR	TT	-----		
		034-362-701	(1/0)	2.04	TAPE CARTRIDGE GUIDES	TT	-----
				2.05	CARTRIDGE SENSING SWITCH ASSEMBLY	TT	-----
				2.06	EOT/BOT SENSOR ASSEMBLY	TT	-----
				2.07	CAPSTAN MOTOR	TT	-----
2.08	MANUAL REWIND AND UNLOAD SWITCH ASSEMBLY			TT	-----		
2.10	CAPSTAN PUCK			TT	-----		
034-365-701	(1/0)	2.06	CONTROL UNIT POWER SUPPLY	TT	-----		
		2.07	CAPSTAN SPEED AND SERVO ADJUSTMENTS	TT	-----		
		2.08	REEL MOTOR SPEED	TT	-----		
034-366-701	(1/0)	2.03	MESSAGE DIAL INDICATOR SETTING	TT	-----		
034-367-701	(2/0)	2.09	REEL MOTOR BRAKE AIRGAP	TT	-----		
		2.10	PHOTOSENSE HEAD	TT	-----		
		2.11	MAGNETIC HEAD ASSEMBLY	TT	-----		
		2.12	TAPE DRIVE SYSTEM	TT	-----		
		2.14	LOGIC POWER SUPPLY	TT	-----		
034-369-301	(2/0)	2.15	DATA ELECTRONICS	TT	-----		
		3.05	K(1) INFERIOR REEL OF TAPE (REEL AND/OR TAPE)	TT	-----		
		3.05	K MAGNETIC TAPE PACK PROBLEMS	TT	-----		
		3.05	J(1) ARM SENSOR LAMP(S) BURNOUT (EXCESSIVE)	TT	-----		
		3.05	J TENSION ARM POSITION SENSORS	TT	-----		
		3.05	I(1) EXTERNAL CIRCUITRY INDICATES WRITE ENABLE SENSING IS INOPERATIVE	TT	-----		
		3.05	I WRITE ENABLE ASSEMBLY	TT	-----		

034-369-301 (2/0)	3.05	H(4) TAPE LOAD SEQUENCE FAILURE	TT	-----
	3.05	H(3) ONLY ONE TENSION ARM UNLOADS PROPERLY	TT	-----
	3.05	H(2) TAPE UNLOADED CAUSES ARM(S) OFF-NORMAL AND/OR OSCILLATION	TT	-----
	3.05	H1 TAPE UNLOAD SEQUENCE FAILURE	TT	-----
	3.05	H TAPE LOAD/UNLOAD MALFUNCTION	TT	-----
	3.05	G(6) PRECISION PLATE MALADJUSTMENT	TT	-----
	3.05	G(5) ERASE HEAD CIRCUIT OPEN OR FAULTY	TT	-----
	3.05	G(4) ONE OR MORE CHANNELS DO NOT PROVIDE ACCEPTABLE RECORDED SIGNAL	TT	-----
	3.05	G(3) ONE OR MORE CHANNELS ELECTRICALLY ABNORMAL (SHORTS, OPENS, OR PARTIAL SHORT)--WRITE HEAD	TT	-----
	3.05	G(2) ONE OR MORE CHANNELS DO NOT PRODUCE ACCEPTABLE SIGNAL FROM MAGNETIC TAPE	TT	-----
	3.05	G(1) ONE OR MORE CHANNELS ELECTRICALLY ABNORMAL (SHORTS, OPEN, OR PARTIAL SHORT)--READ HEAD	TT	-----
	3.05	G READ, WRITE, AND ERASE HEADS	TT	-----
	3.05	F(1) UNABLE TO CHANGE LOCAL OR REMOTE RECORDER CONTROL LOCATION	TT	-----
	3.05	F LOCAL CONTROL/REMOTE CONTROL SELECTION	TT	-----
	3.05	E(3) TAPE REWIND TO LOAD POINT MALFUNCTION	TT	-----
	3.05	E(2) TAPE REEL LOADED STATUS INDICATION FAILURE	TT	-----
	3.05	E(1) EOT/BOT SENSOR CONTROL FAILS TO STOP TAPE WINDING OPERATION	TT	-----
	3.05	E MAGNETIC TAPE CONTROL	TT	-----
	3.05	D(10)CAPSTAN ACCELERATION PROFILES INTO AND OUT OF OPERATING SPEED MODES ARE FAULTY	TT	-----
	3.05	D(9) CAPSTAN ACCELERATION PROFILES INTO AND OUT OF HIGH SPEED MODES ARE FAULTY	TT	-----
	3.05	D(7) CAPSTAN ROTATES IN ONE DIRECTION ONLY	TT	-----
	3.05	D(8) TRANSPORT FAILS TO RESPOND TO ANY ONE PARTICULAR LOCAL COMMAND	TT	-----
	3.05	D(6) TRANSPORT IS UNABLE TO SWITCH BETWEEN OPERATE SPEED AND HIGH SPEED WIND	TT	-----
	3.05	D(3) A STOP COMMAND IS GIVEN, BUT THE CAPSTAN CREEPS	TT	-----
	3.05	D(5) ONLY ONE CAPSTAN OPERATE SPEED IS OBTAINABLE	TT	-----
	3.05	D(4) CAPSTAN ROTATES AT VERY HIGH SPEED	TT	-----

034-369-301	(2/0)	3.05	D(2) MOTION COMMAND IS GIVEN, BUT CAPSTAN REMAINS STATIONARY	TT	-----
		3.05	D(1) MOTION APPEARS NORMAL, BUT CAPSTAN MOTION FAILURE DIAGNOSTIC IS PROVIDED	TT	-----
		3.05	D CAPSTAN SERVO SYSTEM	TT	-----
		3.05	C(3) REEL SERVO EXHIBITS INSTABILITY	TT	-----
		3.05	C(2) TRANSPORT IS UNABLE TO MAINTAIN TAPE TENSION IN OPERATE MODES	TT	-----
		3.05	C(1) TRANSPORT IS UNABLE TO MAINTAIN TAPE TENSION DURING FAST WIND	TT	-----
		3.05	C REEL SERVO SYSTEM	TT	-----
		3.05	B(4) DEPRESSING THE BRAKE RELEASE PUSHBUTTON DOES NOT RELEASE THE BRAKES	TT	-----
		3.05	B(3) ONE BRAKE DOES NOT RELEASE WHEN RECORDER IS IN READY MODE	TT	-----
		3.05	B(2) BRAKES DO NOT HOLD REEL WHEN RECORDER IS IN READY MODE	TT	-----
		3.05	B(1) BRAKES DO NOT HOLD REEL WHEN RECORDER IS IN NOT READY MODE	TT	-----
		3.05	B REEL MOTOR BRAKES	TT	-----
		3.05	A(6) NO FAILURE DIAGNOSTIC PROVIDED	TT	-----
		3.05	A(5) AC POWER FAILURE INDICATION	TT	-----
		3.05	A(4) DC POWER FAILURE INDICATION	TT	-----
		3.05	A(3) ARM OFF-NORMAL INDICATION, BUT ARMS ARE IN NORMAL POSITION	TT	-----
		3.05	A(2) SERVO LAMP BURNOUT INDICATION	TT	-----
		3.05	A(1) DOOR OPEN CONDITION EXIST WHEN DOOR IS CLOSED	TT	-----
		3.05	A READY MODE NOT ATTAINABLE	TT	-----
034-369-302	(1/0)	4	TROUBLE LOCATING PROCEDURES	TT	-----
034-369-701	(2/0)	2.04	WRITE, READ, AND ERASE HEADS	TT	-----
		2.05	COVER DOOR INTERLOCK SWITCH (SI)	TT	-----
		2.06	EOT/BOT SENSOR ASSEMBLY	TT	-----
		2.07	TAPE GUIDES	TT	-----
		2.08	TAPE TENSION ARMS	TT	-----
		2.09	REEL MOTOR (SUPPLY AND TAKE-UP REELS)	TT	-----
		2.10	CAPSTAN-MOTOR DRAG TORQUE	TT	-----
		2.11	CIRCUIT PACK VOLTAGE LEVEL	TT	-----
		2.12	RECORDER PERFORMANCE MEASUREMENTS	TT	-----

18.5 RECORDING EQPT; TAPE ANN D151131

FOR ALL UNITS

034-352-701	(1/0)	2.01	POLE-PIECES CLEANING	MW W	-----
		2.01	OTHER PARTS CLEANING	MW *	-----

034-352-701	(1/0)	2.02	DRUMS, MOTOR BEARINGS, AND TAPE GUIDES LUBRICATION	MW *	-----
		2.02	IDLER PULLEY BEARING LUBRICATION	MW *	-----
		2.02	LEVER ARM BEARINGS LUBRICATION	MW *	-----
		2.15	TEMPERATURE	MW D	-----

TROUBLE TESTS

034-352-701	(1/0)	2.03	FREEDOM OF MOVEMENT OF IDLER PULLEY AND LEVER ARM	TT	-----
		2.04	LOCATION OF IDLER PULLEY	TT	-----
		2.05	IDLER PULLEY SPRING TENSION	TT	-----
		2.06	FREEDOM OF MOVEMENT OF GUIDE COMB WASHERS	TT	-----
		2.07	FREEDOM OF MOVEMENT OF DRUMS	TT	-----
		2.08	ALIGNMENT OF POLE PIECES OF RECORDER-REPRODUCER UNIT	TT	-----
		2.09	TAPE GUIDES	TT	-----
		2.10	TAPE TENSION	TT	-----
		2.11	TAPE CLEARANCE	TT	-----
		2.12	ALIGNMENT OF FLYWHEEL AND BELT PULLEY	TT	-----
		2.13	FREEDOM OF ROTATING PARTS	TT	-----
		2.14	MOTOR SPEED	TT	-----

18.6 RECORDING EQPT; PGM TAPE KS19829

FOR ALL UNITS

034-368-701	(3/0)	2.01	GENERAL CLEANING	MW *	-----
		2.01	CLEAN TAPE PATH	MW *	-----
		2.01	CLEAN TAPE-CLEANER CARTRIDGE	MW *	-----
		2.01	REPLACE VACUUM UNIT FILTER	MW *	-----
		2.01	CHECK REEL BRAKE TENSION	MW *	-----
		2.01	CHECK REEL BRAKE LININGS	MW *	-----
		2.01	REPLACE REEL MOTOR BRUSHES	MW *	-----
		2.01	CHECK VACUUM UNIT MOTOR BRUSHES	MW *	-----
		2.01	REPLACE VACUUM UNIT MOTOR	MW *	-----
		2.01	REPLACE CAPSTAN AND REEL TACHOMETERS	MW *	-----
		2.01	REPLACE PHOTOSENSE HEAD ASSEMBLY	MW *	-----
		2.01	REPLACE LOOP SENSOR ASSEMBLIES	MW *	-----
		2.02	CLEANING	MW W	-----
		2.03	LUBRICATION	MW 6M	-----

TROUBLE TESTS

034-368-701	(3/0)	2.05	REEL BRAKE TORQUE (TENSION) FOR SUPPLY AND TAKE-UP REELS	TT	-----
		2.06	CONTROL UNIT POWER SUPPLY	TT	-----
		2.07	CAPSTAN SPEED AND SERVO ADJUSTMENTS	TT	-----
		2.08	REEL SERVO SPEED	TT	-----

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034-368-701	(3/0)	2.09	PHOTOSENSE HEAD	TT	-----
		2.10	RECORDER PERFORMANCE MEASUREMENTS	TT	-----
18.7 RECORDING EQPT; TAPE REELER					
FOR ALL UNITS					
034-370-701	(3/0)	2.01	CLEANING	MR *	-----
		2.02	LUBRICATION	MW *	-----
TROUBLE TESTS					
034-370-701	(3/0)	2.03	CLUTCH DRIVING FORCE	TT	-----
		2.04	HORIZONTAL LEVEL SPRING TENSION	TT	-----
		2.05	VERTICAL LEVER SPRING TENSION	TT	-----
		2.06	HORIZONTAL LEVER PIVOT	TT	-----
		2.07	VERTICAL LEVER PIVOT	TT	-----
		2.08	OPERATION OF THE VERTICAL LEVER	TT	-----
		2.09	SPEED OF TAPE REEL SPINDLE	TT	-----
		2.10	TAPE PINS AND RODS	TT	-----
		2.11	SHAFT ENDPLAY	TT	-----
		2.12	BACKLASH BETWEEN MOTOR SPUR GEAR AND ASSOCIATED FIBER GEAR	TT	-----
		2.13	SPEED REGULATOR AND CAPACITOR	TT	-----
18.8 RECORDING EQPT; 1 TYP TRANSLATOR					
FOR ALL UNITS					
1 TYPE TRANSLATOR					
034-700-701	(2/0)	2.01	CLEANING	MR *	-----
OPTIONAL FEATURES					
TYP 4 APPARATUS UNIT					
034-700-702	(3/0)	2.01	CLEANING	MR *	-----
		2.02	REPLACEMENT OF FILTER (1B TRANSLATOR ONLY)	MR M	-----
		2.03	LUBRICATION	MW 12M	-----
214A SELECTOR					
034-700-703	(6/2)	2.01	CLEANING	MR *	-----
		2.02	OIL HOLES IN LIFT MAGNET ARMATURE ARM AND IN LATCH ARMATURE ARM LUBE	MW 12M	-----
		2.02	LATCH ARMATURE ARMBLADE AND FLAT WASHER OF CODE AND CARD SUPPORT BAR COUPLING LUBE	MW *	-----
TROUBLE TESTS					
034-700-701	(2/0)	2.02	PLUG AND JACK ENGAGEMENT	TT	-----
		2.03	ENGAGEMENT OF PLUG AND JACK SPRINGS	TT	-----
		2.04	OPERATION OF SELECTOR ALARM MICRO SWITCH	TT	-----
		2.05	CLEARANCE BETWEEN NOTCH IN CARDS AND CARD BAIL LIFT SURFACE	TT	-----
		2.06	ALIGNMENT OF TABS ON BLANK WITH CODE AND CARD SUPPORT BARS	TT	-----
		2.07	CLEARANCE BETWEEN PULL-UP MAGNET POLE SHOE ANTISHOE ANTIFREEZE STRIPS AND CARDS	TT	-----

034-700-702 (3/0)	2.06	ENGAGEMENT OF CRANK LOCK PAWL IN CRANK LOCK BRACKET NOTCH	TT	-----
	2.07	ENGAGEMENT OF CRANK LOCK PAWL IN CRANK LOCK CAM NOTCH	TT	-----
	2.08	CRANK LOCK PAWL SPRING TENSION	TT	-----
	2.09	CLEARANCE BETWEEN CRANK LOCK PAWL AND CAM	TT	-----
	2.10	CRANK LOCK MAGNET ARMATURE ENDPLAY	TT	-----
	2.11	CLEARANCE BETWEEN BOTTOM CORNERS OF THE ARMATURE AND FRAME LUGS	TT	-----
	2.12	CLEARANCE BETWEEN THE HOLD-DOWN PLUNGER ADJUSTING NUT AND BRACKET	TT	-----
	2.13	HOLD-DOWN PLUNGER PRESSURE	TT	-----
	2.14	OPERATION OF CONTROL SHAFT MICRO SWITCHES	TT	-----
	2.15	OPERATION OF UPPER CARD GUIDE BAR OFF-NORMAL MICRO SWITCH	TT	-----
	2.16	UPPER CARD GUIDE BAR SPRING TENSION	TT	-----
	2.17	UPPER CARD GUIDE BAR OPERATING PLUNGER SPRING TENSION	TT	-----
	2.21	CARD BAIL ENDPLAY	TT	-----
	2.22	CARD BAIL SPRING TENSION	TT	-----
	2.23	OPERATION OF CARD BAIL MICRO SWITCHES (CL1 TO CL4)	TT	-----
	2.24	CONNECTION OF CONNECTOR TERMINAL TO PHOTOTRANSISTOR PIN TERMINAL	TT	-----
	2.25	MULTICONTACT CONNECTOR ASSEMBLY MOUNTING SPRING TENSION	TT	-----
	2.26	CONDITION OF LENS SURFACES	TT	-----
	2.27	POSITION OF LENS HOLDER	TT	-----
	2.28	FREEDOM OF MOVEMENT OF LENS HOLDER	TT	-----
	2.29	ALIGNMENT OF LENS IN LENS HOLDER	TT	-----
	2.30	POSITION OF PROJECTION LAMP FILAMENT	TT	-----
	2.31	CHOPPER DISC CLEARANCE	TT	-----
	2.32	FREEDOM OF ROTATION OF MOTOR & CHOPPER DISCS	TT	-----
	2.33	OPERATION OF KS-15609 MOTOR (CHOPPER DISC MOTOR)	TT	-----
	2.34	CONDITION OF MIRROR SURFACES	TT	-----
	2.35	FREEDOM OF MOVEMENT OF MIRROR	TT	-----
	2.36	POSITION OF MIRROR	TT	-----
034-700-703 (6/2)	2.04	ARMATURE AIRGAP	TT	-----
	2.05	ARMATURE ARM ENDPLAY	TT	-----
	2.06	CLEARANCE BETWEEN ARMATURE & MAGNET FRAME	TT	-----
	2.07	ARMATURE ARM SPRING TENSION	TT	-----
	2.08	CONTACT ALIGNMENT (LATCH ASSEMBLY)	TT	-----
	2.09	SPRING TANG POSITION	TT	-----
	2.10	CLEARANCE BETWEEN MOVING SPRINGS AND CARD	TT	-----

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034-700-703 (6/2)	2.11	CLEARANCE BETWEEN MOVING SPRINGS AND NOTCHES IN MOVABLE CARD	TT	-----
	2.12	SPRING TENSION	TT	-----
	2.13	SEPARATION BETWEEN SPRINGS	TT	-----
	2.14	LATCH SPRING GAUGING	TT	-----
	2.15	CONTACT SEPARATION	TT	-----
	2.16	CLEARANCE BETWEEN CODE & CARD SUPPORT BARS	TT	-----
	2.17	CLEARANCE BETWEEN CODE BARS, CARD SUPPORT BARS, AND UPSTOPS	TT	-----
	2.18	CLEARANCE BET. CODE BAR OR CARD SUPPORT BAR COUPLING & SOLENOID PLUNGER STOPNUT WASHER	TT	-----
	2.19	FREEDOM OF OPERATION OF CODE AND CARD SUPPORT BARS	TT	-----
	2.20	CARD SUPPORT LIFT MAGNET ARMATURE BALANCING SPRING TENSION	TT	-----
	2.21	CARD SUPPORT LIFT MAGNET ARMATURE AIRGAP	TT	-----
	2.22	POSITION OF CARD SUPPORT LIFT MAGNET ARM	TT	-----
	2.23	ARMATURE ENDPLAY	TT	-----
	2.24	CLEARANCE OF ARMATURES WITH MAGNET FRAME AND MAGNET SEPARATOR BLOCK	TT	-----
	2.25	CLEARANCE BETWEEN CARD SUPPORT LIFT MAGNET ARMATURE STOP AND ARMATURE BRACKET	TT	-----
	2.26	POSITION OF OFF-NORMAL CONTACT SPRINGS ON CODE AND CARD SUPPORT BARS	TT	-----
	2.27	CONTACT ALIGNMENT (CODE AND CARD SUPPORT BAR OFF-NORMAL CONTACT SPRING ASSEMBLY)	TT	-----
	2.28	CONTACT PRESSURE	TT	-----
	2.29	CLOSURE OF CODE AND CARD SUPPORT BAR OFF-NORMAL CONTACTS	TT	-----
	2.30	SELECTOR REMOVAL MICRO SWITCH OPERATOR	TT	-----
	2.31	ELECTRICAL REQUIREMENTS	TT	-----
034-703-700 (6/2)	2.19	FREEDOM OF OPERATION OF CODE AND CARD SUPPORT BARS	TT	-----