

EQUIPMENT TEST LIST
CAMERAS AND PHOTO PROCESSING

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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

14.0 CMRA, PHOTO PROC

14.1 CMRA, PHOTO PROC; CAMERAS

SELECT ONLY ONE CATEGORY

MESSAGE REGISTER CAMERA KS-7703

◆	030-300-701 (2/0)	2.01	CLEAN CAMERA	MW M	-----
		2.02	(A) LUBRICATE SPG DRIVE, TMG GEARS, TMG CAMS & MTR-LAMP CONTROL SW KNOBS AND PINS	MW 12M	-----
		2.02	(A4) LUBRICATE GEAR BOX	MW 24M	-----
		2.02	(B) LUBRICATE TAKE-UP SPDL, DR SHAFT, MTR SW LEVER & LKG PAWL BEARINGS, STG SW PLUNGR & SHUTR CONTROL BELL CRANK	MW 12M	-----
		2.02	(C) LUBRICATE REAR MTR BEARING	MW 12M	-----
		2.02	(D) LUBRICATE PRESSURE PLT SPGS & FILM GUIDE ROLLERS	MW 12M	-----

MESSAGE REGISTER CAMERA KS-8320

◆	030-300-701 (2/0)	2.01	CLEAN CAMERA	MW M	-----
		2.02	(A) LUBRICATE CHAIN, SPROCKET, CAM, TIMING GEARS, MTR-LAMP CONTROL SW KNOBS AND PINS	MW 12M	-----
		2.02	(B) LUBRICATE TAKE-UP SPDL, DR SHAFT, SHUTR ROD, MTR SW LEVER & LKG PAWL BEARINGS, STG SW PLUNGR, MEASG ROLLER RLS PIN BEARING AND SPG & SHUTR CONTROL BELL RT RT0 030-300-701		-----
		2.02	(C) LUBRICATE FRONT & REAR BEARINGS	MW 12M	-----
		2.02	(D) LUBRICATE PRESSURE PLT SPGS & FILM GUIDE ROLLERS	MW 12M	-----

MESSAGE REGISTER CAMERA KS-14593 L1

◆	030-301-701 (2/1)	2.01	CLEAN CAMERA	MW M	-----
		2.02	LUBRICATE MTR SHAFT BEARING	MW 3M	-----

MESSAGE REGISTER CAMERA KS-14776 L1 & L2

	030-302-701 (5/0)	2.02	(A) LUBRICATE MOTOR BEARING	MW 12M	-----
		2.02	(B) LUBRICATE FILM REWIND KNOB BEARING	MW 12M	-----
		2.02	(C) LUBRICATE SPROCKET BEARINGS	MW 12M	-----
		2.02	(D) LUBRICATE TAKE-UP SPDL BEARINGS	MW 12M	-----
		2.02	(E) LUBRICATE IDLER GEAR BEARING	MW 12M	-----
		2.02	(F) LUBRICATE FILM IDENTR (CLK) INITIALLY FURN	MW 12M	-----
		2.02	(G) LUBRICATE KS-19177 L1 CLK SBSQTY FURN	MW 12M	-----
◆		2.03	CHECK LOCK SPG & LKG SPG PIN ENGMT	MW 12M	-----
◆		2.04	CHECK PRESSURE PLT OPRN	MW 12M	-----
◆		2.05	CHECK COVER LATCH CLRNC	MW 12M	-----
◆		2.07	CHECK COVER LATCH SPG TENSION	MW 12M	-----
◆		2.10	CHECK KS-19438 L2 SHUTTER LINKAGE OPRN	MW 12M	-----
		2.13	CHECK CLOCK OPRN	MW D	-----
		2.14	PERFORM OPERATION TEST	MW M	-----
◆		3.01	(10) CLEAN CHASSIS	MW 12M	-----
◆		3.01	(2) CLEAN PWR RELAY CONTACTS	MW 12M	-----

030-302-701 (5/0)	3.01 (3) CLEAN MIRROR WH CLOTH	MW W	-----
	3.01 (4) CLEAN MIRROR WH SPRAY CLNR	MW M	-----
	3.01 (5) CLEAN INSIDE OF HOOD	MW M	-----
	3.01 (6) CLEAN LAMPS, LAMP REFLS, LAMP FLTS & LENS FLT	MW 3M	-----
	3.01 (7) CLEAN SHUTR SOLENOID PLNGR & SOLENOID SLEEVE	MW 6M	-----
	3.01 (8) CLEAN LENS & INSIDE SURFACE OF LENS FLT	MW 3M	-----
	3.01 (9) CLEAN KS-16007 CAMERA INTERIOR	MW 12M	-----

MESSAGE REGISTER CAMERA KS-20900 L1

030-304-301 (1/2)	7.01 CLEAN INSIDE SURFACE OF HOOD	MW 12M	-----
	7.02 CLEAN POLZG FILTERS	MW 3M	-----

TROUBLE TESTS

MESSAGE REGISTER CAMERA KS-7703 & KS-8320

030-300-701 (2/0)	2.03 LIGHT BAFFLE POSITION	TT	-----
	2.04 STG SW, MEASG ROLLER RLS PIN, PRESSURE PLT & FILM GUIDE ROLLER	TT	-----
	2.05 TORQUE REQTS	TT	-----
	2.06 TAKE-UP SPL PRESSURE SPG TENSION	TT	-----
	2.07 SUPPLY SPL PRESSURE SPG CLRNC	TT	-----
	2.08 FILM CHAMB CONTACT ALNMT	TT	-----
	2.09 FILM CHAMB CONTACT FOLLOW	TT	-----
	2.10 FILM CHAMB CONTACT SEPN	TT	-----
	2.11 FILM CHAMB CONTACT STRAIGHTNESS	TT	-----
	2.12 FILM CHAMB SPGS SEPN	TT	-----
	2.13 SHUTR OPRN	TT	-----
	2.14 OPRG CYCLE TIME	TT	-----
	2.15 MTR & GEAR REDN UNIT OPRN	TT	-----
	2.16 MTR BRUSH FIT	TT	-----
	2.17 MTR BRUSH PRESSURE	TT	-----
	2.18 MTR BRUSH LENGTH	TT	-----
	2.19 MTR CMTR SURFACE	TT	-----

MESSAGE REGISTER CAMERA KS-14593 L1

030-301-701 (2/1)	2.03 END-OF-PAPER SW OPRN	TT	-----
	2.04 TRIGGER PULL	TT	-----
	2.05 SOLENOID PLUNGR & LINKAGE FREEDOM OF MVMT	TT	-----
	2.06 SOLENOID POSITION	TT	-----
	2.07 CAM RLS LEVER DELAY MAGNET	TT	-----
	2.08 CAM RLS ACTG SLIDER OPRN	TT	-----
	2.09 MTR-SOLENOID SW OPRN	TT	-----
	2.10 CAM RLS LEVER FRONT STOP POSITION	TT	-----
	2.11 MTRG ROLLER CAM RLS OPRN	TT	-----

030-301-701	(2/1)	2.12	LAMP SW OPRN	TT	-----
		2.13	LAMP SW & MTR-SOLENOID SW OPRN SEQ	TT	-----
		2.14	OPRN REQ T	TT	-----
		2.15	PILOT LAMP TIMING	TT	-----
		2.16	SOLENOID OPRN CONTROL	TT	-----
		2.17	PHOTOGRAPH QUAL	TT	-----
		2.18	CAMERA OPRN SPEED	TT	-----
MESSAGE REGISTER CAMERA KS-14776 L1 & L2					
030-302-701	(5/0)	2.06	MTR RLS LEVER SPG TENSION	TT	-----
		2.08	SPL GEAR & IDLER GEAR ALNMT	TT	-----
		2.09	DRIVE GEAR CLRNC	TT	-----
		2.11	PWR RELAY REQTS	TT	-----
		2.12	TIMER SWITCHES OPRN	TT	-----
14.2 CMRA, PHOTO PROC; PHOTO PROCESSOR KS-14778					
FOR ALL UNITS					
030-320-701	(2/0)	2.01	CLEAN TANK, DEVELOPER, STBLZR CANS, ROLLERS & DRYING DRUM	MW D	-----
TROUBLE TESTS					
030-320-701	(2/0)	2.02	ROLLERS & DRYER DRUM FREEDOM OF ROTATION	TT	-----
		2.03	WINDING DRUM FREEDOM OF MVMT	TT	-----
		2.04	TRAVEL OF PAPER THRU PHOTO PROCESSING	TT	-----
		2.05	HEATING OF PROCESSING SOLUTIONS	TT	-----
		2.06	HEATING OF DRYER DRUMS	TT	-----