

POWER SYSTEMS

EQUIPMENT TEST LIST

FOR

INTERRUPTERS

LOCATED ON TELEPHONE CO PREMISES

SEE SECTION 010-300-011 FOR EQUIPMENT TEST LIST INSTRUCTION.

## EQUIPMENT TEST LIST

B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
163-605-701	2		INTERRUPTERS 157-TYPE			
		2.01	Cleaning	MW	12M	
		2.02	Operation of "A" Cam Roller	MW	12M	
		2.03				
		(a)	Lube "A" Cam Roller Bearing	MW	6M	
		(b)	Lube Cam Shaft Bearing on Index Wheel End	MW	12M	
		(c)	Lube Cam Shaft Bearing on Clutch End	MW	24M	
		(d)	Lube Driven Gear Shaft Bearing	MW	M	
		(e)	Lube Driving and Driven Gear Teeth	MW	M	
		2.05	-2.06 Operation of Gears and Gear Shaft	MW	12M	
		2.07	-2.11 Check Armature Air Gap Alignment and Spring Tension	MW	12M	
		2.12	Check Operate Current for Clutch Magnet	MW	18M	
		2.13	Check "A" Cam Roller Pressure	MW	12M	
		2.14	-2.20 Check Contact Spring Requirements	MW	18M	
		2.21	Check "A" Cam Spring Clearance	MW	18M	
		2.22	-2.23 Check Pulsing Contact Spring Pressure and Separation	MW	18M	
163-606-701	3		INTERRUPTERS 163-TYPE			
		2.01	Surface Cleaning	MW	M	
		2.03	Interrupter Speed	MW	18M	
		2.04	Freedom of Rotating Parts	MW	18M	
		2.05	Gear Mesh	MW	18M	
		2.06	Pinion Engagement	MW	18M	
		2.07	Radial Play in Bearings	MW	18M	
		2.08	Lubricate Cam Shaft Bearings (163-C, 163-D, and D-87731 Interrupters)	MW	M	
		2.09	Clean and Overhaul Motor	MW	18M	
		2.10	Check Brushes on Motor Commutator and Speed Regulator	MW	18M	
		2.11	Check Regulator Contact Point Thickness	MW	18M	
		2.12	Check Regulator Contact Ring Thickness	MW	18M	
		2.13	Lubricate Motor	MW	6M	
		2.15	-2.21 Check Interrupter Contact Requirements	MW	18M	
163-607-701	3		INTERRUPTERS PRECISION TYPE			
		2.01	Cleaning	MW	3M	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
163-607-701	3		(Cont)			
		2.02	Lubrication	MW	6M	
163-609-701	2		INTERRUPTERS 173-TYPE			
		2.01	Clean Interrupter Contacts, Gears, and Cams	MW	12M	
		2.02	Lubricate Gear Teeth, Oilite Bushing, and Pulse Cam Surface	MW	12M	
		2.07	-2.12 Check Micro Switch and Relay Requirements	MW	12M	
		2.13	-2.17 Check Pulse Spring Assembly Requirements	MW	12M	
163-630-701	2		INTERRUPTERS KS-5746			
		2.03	Check Freedom of Rotating Parts	MW	12M	
		2.04	Check for Noise and Vibration	MW	12M	
		2.05	-2.06 Check Interrupter Springs and Contacts and Timing	MW	12M	
163-631-701	1		INTERRUPTER KS-15509 A-C MOTOR DRIVEN			
		2.01	Lubricate Gear Train	MW	12M	
		2.03	Check Bumper Pin Rollers	MW	12M	
		2.04	Check for Noise and Vibration	MW	12M	
		2.05	Check Interrupter Spring Contacts	MW	12M	
		2.06	Check Interrupter Timing	MW	12M	
163-650-701	7		INTERRUPTERS ROTARY MERCURY TYPE			
		2.01	Lubrication Speed Reduction Unit			
		(b/c)	Check Oil Level-Gear Case	MW	6M	
		(d)	Replace Oil in Gear Case Outboard Ball Bearing	MW	2Y	
		(e)	Clean and Repack With Fresh Grease	MW	2Y	
		(f)	Turn Grease Cups One Turn Refill Cups With Fresh Grease	MW	6M	
			Refill Cups With Fresh Grease	MW	2Y	
		2.02	Check Rotating Parts	MW	12M	
		2.03	Check Position of Brush Holders	MW	12M	
		2.04	-2.06 Check Brush Requirements	MW	12M	
		2.07	Check Bearings	MW	12M	
		2.08	Check Shaft Alignment	MW	12M	
		2.09	Check for Oil Leaks	MW	M	
		2.10	Clean Washers	MW	12M	

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B.S.P.	I S S	TEST OR REQT.	EQUIPMENT AND WORK DESCRIPTION	CLASS	FREQ.	JOB NO.
163-650-701	7		(Cont)			
		2.11	-2.12 <i>Inspect and Clean Ring Surfaces</i>	MW	M	
		2.13	<i>Check Noise and Vibration</i>	MW	M	
		2.14	<i>Check Clearance of Current Carrying Parts</i>	MW	12M	
163-651-701	3		INTERRUPTERS RECIPROCATING BAR TYPE			
• ADDENDUM	1	2.02	<i>Lubrication</i>			
		(a)	<i>Gear Teeth and Cam Bearing Surfaces</i>	MW	M	
		(b)	<i>Cam Roller Bearings Without Flanged Rollers</i>	MW	M	
			<i>Cam Roller Bearings With Flanged Rollers</i>	MW	3M	
		2.04	<i>Check Cam Roller Movement</i>	MW	12M	
		2.05	<i>Check Cam Roller Bracket Position</i>	MW	12M	
		2.06	<i>Check Backlash Between Gears</i>	MW	12M	
		2.07	<i>Check Counter-Shaft and Cam Shaft Movement</i>	MW	12M	
		2.08	<i>Check Shaft and Gear Alignment</i>	MW	12M	
		2.09	-2.15 <i>Check Spring Tang and</i>	MW	12M	
			<i>Contact Requirements</i>			
		2.16	<i>Check Pressure Between Cam and Cam Roller</i>	MW	12M	
		2.17	<i>Check Contact Sequence</i>	MW	12M	
			<i>(165-Type Interrupters)</i>			
163-675-701	7		MOTOR DRIVEN INTERRUPTERS AND TONE MACHINES			
			KS-5131, KS-5132, KS-5187, KS-5188,			
			KS-5313, KS-5458, KS-5545, KS-15547			
		2.01	<i>Lubricate Motor Shaft Bearings</i>			
		(a)	<i>KS-5131, KS-5132, KS-5187, KS-5188</i>	MW	4Y	
			<i>and KS-5313 Interrupters</i>			
		(b)	<i>KS-5458 Interrupter With Motor Type AD-20</i>	MW	4Y	
			<i>KS-5458 Interrupter With Motor Type CWD-2215</i>	MW	6W	
		(c)	<i>KS-5545 Shaft Bearings and Gear Case</i>	MW	12M	
		(e)	<i>Worm and Worm Gear</i>	MW	M	
		(f)	<i>Low Speed Interrupter Shaft Bearings</i>	MW	M	
			<i>(KS-5131 Interrupter)</i>			
		2.02	<i>Check for Noise and Vibration</i>	MW	M	
		2.05	<i>Inspect Commutator and Interrupter Drum</i>	MW	M	
			<i>Surfaces</i>			
		2.10	<i>Check Brush Length</i>	MW	12M	
		2.11	<i>Check Brush Pressure</i>	MW	12M	
		2.12	<i>Check Low Speed Interrupter Contact Springs</i>	MW	12M	

