

Encl #3  
73-2643  
COPY 1 OF 3

LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR "S" BAND ANTENNA, MP-10922	
1	Assembly, Unipole Weld, per R-W Dwg. No. 50402002	3
2	Insert, Plain Tube, per R-W Dwg. No. 50402003	11
3	Rod, Main, Center Conductor, per R-W Dwg. No. 50402005	4
4	Rod, Sub, Center Conductor, per R-W Dwg. No. 50402006	16
5	Sleeve, Adjustment, Conductor, per R-W Dwg. No. 50402007	4
6	Choke, Main Tube, per R-W Dwg. No. 50402008	5
7	Unipole, Horizontal, Lower, per R-W Dwg. No. 50402010	14
8	Connector, Tube Assembly, per R-W Dwg. No. 50402012	2
9	Bushing, Conductor Support, per R-W Dwg. No. 50402013	15
10	Reflector, Antenna, 11.5" dia., per R-W Dwg. No. 50402015	6
11	Holder, Crystal, Waveline 920	3

COMPONENTS FOR "X" BAND ANTENNA, MP-10308

1	Reflector, Antenna, 6.2" dia., per R-W Dwg. No. 50402027	3
2	Flange, Wave Guide, per R-W Dwg. No. 50402026	11
3	Detector, Crystal, Microwave Associates No. MA 408	4
4	Holder, Crystal, Waveline 616-C-BNC	1

ORIGINAL CL BY 235979  
 DECLASSIFIED BY 2011  
EXT BY [unclear] Same  
[unclear] 3d (5)

COMPONENTS FOR "S" BAND, BOW-TIE, ANTENNA, MP-11719

1	Washer, Centering, per R-W Dwg. No. 50000023	104
2	Rod, Tapered, per R-W Dwg. No. 50000024	7
3	Tube, per R-W Dwg. No. 50000025-1	5

DOCUMENT NO. \_\_\_\_\_  
NO CHANGE IN CLASS.   
 DECLASSIFIED  
CLASS. CHANGED TO: TS, S 02011  
NEXT REVIEW DATE: \_\_\_\_\_  
AUTH: HR 70-2  
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151X5. 1149 (H.I. 6) (4)

## EXHIBIT A

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COMPONENTS FOR "S" BAND, BOW-TIE, ANTENNA, MP-11719, Continued		
4	Bow, Inner, per R-W Dwg. No. 50000027	14
5	Bow, Outer, per R-W Dwg. No. 50000028	14
6	Filter, Band Pass, (FH 1002), per R-W Spec. No. 291	1
7	Filter, Band Pass, (FH 2002), per R-W Spec. No. 291	1
8	Filter, Band Pass, (FH 4001), per R-W Spec. No. 291	1
9	Filter, Band Pass, (FH 2001), per R-W Spec. No. 291	1
10	Filter, Band Pass, (FH 4002), per R-W Spec. No. 291	1
11	Filter, Band Pass, (FH 8002), per R-W Spec. No. 291	1
COMPONENTS FOR TRANSISTORIZED INFORMATION AMPLIFIER, MP-10868		
1	Frame, per R-W Dwg. No. 50406141	2
2	Assembly, Cover, per R-W Dwg. No. 50404095	4
3	Stud, per R-W Dwg. No. 50406142	12
4	Board, Printed Circuit, per R-W Dwg. No. 50406149	2
5	Board, Printed Circuit, per R-W Dwg. No. 50406151	2
6	Capacitor, Fixed, Glass, 56 mmf, 500V, 5%, Corning Glass No. CY10C560J	5
7	Capacitor, Fixed, Glass, 68 mmf, 500V, 5%, Corning Glass No. CY10C680J	5
8	Capacitor, Fixed, Glass, 180 mmf, 300V, 5%, Corning Glass No. CY10C181J	5
9	Capacitor, Fixed, Glass, 180 mmf, 300V, 5%, Corning Glass No. CY15C181J	5

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	COMPONENTS FOR TRANSISTORIZED INFORMATION AMPLIFIER, MP-10868, Continued	
10	Capacitor, Fixed, Glass, 1,200 mmf, 300V, 5%, Corning Glass No. CY15C122J	10
11	Capacitor, Fixed, Metalized Paper, .01 mfd, 200V, 25%, Aerovox No. P123ZNG	20
12	Capacitor, Fixed, Metalized Paper, .022 mfd, 100V, 10%, Hopkins No. 1K 1223K	10
13	Capacitor, Fixed, Metalized Paper, .022 mfd, 200V, 20%, Aerovox No. P123ZNG	10
14	Capacitor, Fixed, Metalized Paper, .05 mfd, 200V, 20%, Aerovox No. P123ZNG	10
15	Capacitor, Fixed, Tantalytic, Etch Foil, 4.5 mfd, 50V, GE 29F473	10
16	Capacitor, Fixed, Tantalytic, Etch Foil, 10 mfd, 25V, GE 29F446	12
17	Capacitor, Fixed, Tantalytic, Etch Foil, 15 mfd, 15V, GE 29F480	10
18	Diode, Silicon, Retma IN456	10
19	Diode, Germanium, Retma IN198	5
20	Diode, Silicon, Texas Instruments 65106	8
21	Diode, Silicon, Hughes 6557	5
22	Diode, Transitron SV-13	5
23	Diode, Tranistron SV-18	5
24	Connector, 15 Pin, Cannon Electric DA-15P	5
25	Transistor, RCA 2N247	20
26	Transistor, Germanium, General Electric 2N43	8
27	Potentiometer, Linear Taper, Locking Shaft, 3/8" Bushing, 7/16" Shaft, 2.500 Ohms, 10%, (Allen Bradley) Type G	5
28	Clip, Capacitor, Augat Bros. 6007-3	40

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
COMPONENTS FOR TRANSISTORIZED POWER SUPPLY, MP-10864		
1	Frame, per R-W Dwg. No. 50404085	2
2	Transformer, per R-W Spec. No. 289	1
3	Capacitor, Fixed, Metalized Paper, .05 mfd, 200V, Aerovox PL23ZNG	5
4	Capacitor, Fixed, Metalized Paper, .25 mfd, 200V, Hopkins P252HG	5
5	Capacitor, Fixed, Tantalytic, Etch Foil, 10 mfd, 25V, GE 29F446	5
6	Capacitor, Fixed, Tantalytic, Etch Foil, 25 mfd, 150V, GE 29F478G4	10
7	Capacitor, Fixed, Tantalum Type, 40 mfd, 30V, Fansteel, Metallurgical Co. PP40B30A1	5
8	Capacitor, Fixed, Tantalytic, Etch Foil, 60 mfd, 50V, GE 29F475G4	5
9	Diode, Transitron, SV-131	5
10	Diode, Transitron, SV-1010	5
11	Diode, Transitron, SV-132	5
12	Diode, Transitron, SV-127	5
13	Connector, 15 Pin, Cannon Electric DA-15P	3
14	Diode, Rectifier, International Rectifier 1BS1	8
15	Rectifier, Hughes HR 10215	8
16	Transistor, Clevite 2N268	10
17	Transistor, Delco 2N278	5
COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737		
1	Gear, Worm, per R-W Dwg. No. 50401016	50
2	Gear, Ring, Reel Drive, per R-W Dwg. No. 50401033	20
3	Roller, Tape Guide, per R-W Dwg. No. 50401117	60

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
4	Arm, per R-W Dwg. No. 50401118	8
5	Spring, Counter Balance, Right Hand, per R-W Dwg. No. 50401121-1	50
6	Spring, Counter Balance, Left Hand, per R-W Dwg. No. 50401121-2	50
7	Spring, Clip, Reel Retainer, per R-W Dwg. No. 50401144	50
8	Assembly, Large Gear, per R-W Dwg. No. 50401184	8
9	Brush, per R-W Dwg. No. 50401226	100
10	Shaft, Roller, per R-W Dwg. No. 50401227	10
11	Shaft, per R-W Dwg. No. 50401230	7
12	Case, per R-W Dwg. No. 50401235	4
13	Cover, Top, Left, per R-W Dwg. No. 50401237-1	10
14	Cover, Top, Right, per R-W Dwg. No. 50401237-2	10
15	Bearing, per R-W Dwg. No. 50401238	50
16	Cover, Bottom, Left, per R-W Dwg. No. 50401240-1	10
17	Cover, Bottom, Right, per R-W Dwg. No. 50401240-2	10
18	Plate, Top, per R-W Dwg. No. 50401242-1	20
19	Plate, Bottom, per R-W Dwg. No. 50401242-2	20
20	Pin, Guide, per R-W Dwg. No. 50401243	20
21	Gear, #1, per R-W Dwg. No. 50401244	10
22	Subassembly, Idler Arm, per R-W Dwg. No. 50401246-1	10
23	Subassembly, Idler Arm, per R-W Dwg. No. 50401246-2	10
24	Gear, Compound, per R-W Dwg. No. 50401251	10
25	Bushing, Gear, per R-W Dwg. No. 50401252	40

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
26	Shaft, Compound Gear, per R-W Dwg. No. 50401253	10
27	Bushing, Bearing, per R-W Dwg. No. 50401255	10
28	Idler, per R-W Dwg. No. 50401256	10
29	Shaft, Idler Gear, per R-W Dwg. No. 50401257	10
30	Motor, Reel Drive, per R-W Dwg. No. 50401259	30
31	Retainer, Reel, per R-W Dwg. No. 50401291	20
32	Bushing, Reel, per R-W Dwg. No. 50401292	20
33	Support, Reel, per R-W Dwg. No. 50401293	10
34	Spring, per R-W Dwg. No. 50401307	50
35	Assembly, Small Gear, per R-W Dwg. No. 50401310	8
36	Bracket, Right, per R-W Dwg. No. 50401308	5
37	Bracket, Left, per R-W Dwg. No. 50401309	5
38	Assembly, Commutator Board, per R-W Dwg. No. 50401314	8
39	Assembly, Magnetic Head (Erase), per R-W Dwg. No. 50401325-1	10
40	Assembly, Magnetic Head (Record), per R-W Dwg. No. 50401325-2	10
41	Assembly, Magnetic Head (Playback), per R-W Dwg. No. 50401325-3	10
42	Assembly, Head Shield, per R-W Dwg. No. 50401327	20
43	Assembly, Head Arm Shaft, per R-W Dwg. No. 50401329	5
44	Link, Cover Shaft, per R-W Dwg. No. 50401331	5
45	Pin, Cover Shaft, per R-W Dwg. No. 50401333	5
46	Shaft, Shield Cover, per R-W Dwg. No. 50401334	5
47	Shaft, Plunger, per R-W Dwg. No. 50401335	5

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
48	Block, Mounting, Lever and Plunger, per R-W Dwg. No. 50401336	5
49	Plug, Spring Retainer, per R-W Dwg. No. 50401337	10
50	Knob, Plunger Shaft, per R-W Dwg. No. 50401338	5
51	Plate, Guide, per R-W Dwg. No. 50401339	5
52	Spring, Plunger, per R-W Dwg. No. 50401340	10
53	Spring, Head Adjusting Screw, per R-W Dwg. No. 50401341	50
54	Guide, Tape Transition, per R-W Dwg. No. 50401342	20
55	Plate, Backing per R-W Dwg. No. 50401353	50
56	Bracket, Cover Mounting, per R-W Dwg. No. 50401354	30
57	Assembly, Cover, per R-W Dwg. No. 50401355-3	4
58	Cover, per R-W Dwg. No. 50401356	6
59	Assembly, Retaining Arm, per R-W Dwg. No. 50401358-1	5
60	Assembly, Retaining Arm, per R-W Dwg. No. 50401358-2	4
61	Support, Guide, per R-W Dwg. No. 50401361	5
62	Assembly, Tape Guide Pin Bracket (Playback), per R-W Dwg. No. 50401363	10
63	Assembly, Tape Guide Pin Bracket (Erase), per R-W Dwg. No. 50401365	10
64	Shaft, per R-W Dwg. No. 50401367	8
65	Gear, Worm, per R-W Dwg. No. 50401368	20
66	Bracket, Plug, per R-W Dwg. No. 50401369	10
67	Bracket, Plug, per R-W Dwg. No. 50401370	10
68	Cover, Plug, per R-W Dwg. No. 50401371	5

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
69	Cover, Plug, per R-W Dwg. No. 50401372	5
70	Spacer, Plug, per R-W Dwg. No. 50401373	20
71	Bearing, Rework, Mounting Plate, per R-W Dwg. No. 50401375	20
72	Support, Capstan, per R-W Dwg. No. 50401377	8
73	Shield, Capstan, per R-W Dwg. No. 50401379	5
74	Assembly, Wheel, Capstan Drive, per R-W Dwg. No. 50401382	10
75	Washer, Felt, per R-W Dwg. No. 50401383	50
76	Washer, per R-W Dwg. No. 50401384	50
77	Washer, Keyed, per R-W Dwg. No. 50401385	50
78	Spacer, per R-W Dwg. No. 50401386	20
79	Bearing, Top, per R-W Dwg. No. 50401387	20
80	Bearing, Bottom, per R-W Dwg. No. 50401388	20
81	Bracket, Motor Support, per R-W Dwg. No. 50401390	5
82	Shaft, Stationary, per R-W Dwg. No. 50401391	5
83	Can, Shield, Top, per R-W Dwg. No. 50401395	10
84	Can, Shield, Bottom, per R-W Dwg. No. 50401396	10
85	Assembly, Spring, per R-W Dwg. No. 50401402	25
86	Stop, Spring, per R-W Dwg. No. 50401403	10
87	Screw, Set, Motor Support, per R-W Dwg. No. 50401404	50
88	Assembly, Arm, per R-W Dwg. No. 50401406	10
89	Shaft, per R-W Dwg. No. 50401411	10
90	Assembly, Molded, Roller, per R-W Dwg. No. 50401414	20



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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
91	Shaft, per R-W Dwg. No. 50401415	5
92	Angle, Spring Retaining, per R-W Dwg. No. 50401423-1	10
93	Angle, Spring Retaining, per R-W Dwg. No. 50401423-2	10
94	Pin, Shoulder Rivet, per R-W Dwg. No. 50401425	10
95	Assembly, Adjusting Bracket, per R-W Dwg. No. 50401430-1	5
96	Assembly, Adjusting Bracket, per R-W Dwg. No. 50401430-2	5
97	Case, Dessicant, per R-W Dwg. No. 50401450	10
98	Cover, Dessicant, per R-W Dwg. No. 50401451	9
99	Assembly, Bolt, per R-W Dwg. No. 50401452-1	10
100	Spacer, Filter, per R-W Dwg. No. 50401466	10
101	Cap Screw, Rework, per R-W Dwg. No. 50401480	100
102	Bolt, Spacer, per R-W Dwg. No. 50401481	9
103	Nut, Spacer, per R-W Dwg. No. 50401482	14
104	Bushing, Jam Roller, per R-W Dwg. No. 50401483	25
105	Washer, per R-W Dwg. No. 50401485-3	94
106	Spacer, per R-W Dwg. No. 50401486	20
107	Collar, per R-W Dwg. No. 50401487	10
108	Clamp, Spring, per R-W Dwg. No. 50401488	50
109	Spring, per R-W Dwg. No. 50401489	50
110	Flywheel, per R-W Dwg. No. 50401490	5
111	Plate, Mounting, Filter, per R-W Dwg. No. 50401491	5
112	Bearing, Jam Roller, per R-W Dwg. No. 50401492	20

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
113	Bracket, Cable, per R-W Dwg. No. 50401496	10
114	Clamp, Cable, per R-W Dwg. No. 50401497	10
115	Clamp, Cable, per R-W Dwg. No. 50401498	10
116	Housing, per R-W Dwg. No. 50401499	1
117	Assembly, Ring Gear and Reel, per R-W Dwg. No. 50401508	40
118	Clamp, Cable, per R-W Dwg. No. 50401512-1	10
119	Clamp, Cable, per R-W Dwg. No. 50401512-2	10
120	Assembly, Plate, per R-W Dwg. No. 50401533-1	20
121	Assembly, Plate, per R-W Dwg. No. 50401533-2	10
122	Decal, Strobe Disc, per R-W Dwg. No. 50401535	20
123	Assembly, Reel Guide, per R-W Dwg. No. 50401537	20
124	Spring, per R-W Dwg. No. 50401536-1	50
125	Spring, per R-W Dwg. No. 50401536-2	25
126	Bracket, Solenoid, per R-W Dwg. No. 50401569	10
127	Rod, Solenoid, per R-W Dwg. No. 50401570	20
128	Screw, Head, Solenoid, per R-W Dwg. No. 50401571	20
129	Nut, Solenoid, per R-W Dwg. No. 50401572	20
130	Sleeve, Jam Roller Linkage, per R-W Dwg. No. 50401573	20
131	Assembly, Lever, Jam Roller, per R-W Dwg. No. 50401574	10
132	Washer, Spherical, per R-W Dwg. No. 50401575	50
133	Spring, Jam Roller, per R-W Dwg. No. 50401576	50
134	Spring, Jam Roller, per R-W Dwg. No. 50401577	50

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
135	Cover, Metal, per R-W Dwg. No. 50401592	10
136	Spacer, per R-W Dwg. No. 50401599	25
137	Assembly, Motor and Filter, per R-W Dwg. No. 50401600	50
138	Spacer, per R-W Dwg. No. 50401602	10
139	Cover, per R-W Dwg. No. 50401603	10
140	Spacer, per R-W Dwg. No. 50401606	10
141	Heater, Flat, per R-W Dwg. No. 50401609	10
142	Washer, per R-W Dwg. No. 50401610	20
143	Strap, Crystal Support, per R-W Dwg. No. 50405007	5
144	Strip, Heat Sink, per R-W Dwg. No. 50405009	5
145	Strip, Heat Sink, per R-W Dwg. No. 50405010	5
146	Strip, Heat Sink, per R-W Dwg. No. 50405011	5
147	Strap, Crystal Support, per R-W Dwg. No. 50405015	20
148	Bracket, Mounting, Receptacle, per R-W Dwg. No. 50405016-1	10
149	Bracket, Mounting, Receptacle, per R-w Dwg. No. 50405016-2	10
150	Assembly, Board, per R-W Dwg. No. 50405021	3
151	Board, Etched, per R-W Dwg. No. 50405020	2
152	Bearing, Ball, New Hampshire, SR166PP	40
153	Choke, 50 mh, Rayco 1949-2	10
154	Coil, Toroid, Encapsulated, 10 mh, Hycor, Type EM-14	10
155	Coil, Toroid, Encapsulated, 50 mh, Hycor, Type EM-14	20

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
156	Coil, Toroid, 1 henry, Rayco 1923-1	10
157	Connector, Printed Circuit, Cannon Electric DX-2842-100	10
158	Crystal, 1 KC, Monitor Products MC-152	30
159	Plug, Miniature, Winchester MRE-21P-G	20
160	Receptacle, Miniature, Winchester MRE-7P-G/V	10
161	Resistor, Fixed, Wirewound, 30 ohm, 3W, 5%, Sprague, Blue Jacket Type 151E	40
162	Resistor, Fixed, Wirewound, 1.5K, 1%, Hycor TC-22	40
163	Resistor, Fixed, Wirewound, 3.3K, 1%, Hycor TC-22	40
164	Resistor, Variable, 20K, Bourns Labs 263-1-203	10
165	Socket, Crystal, Amphenol 78-S8	10
166	Solenoid, West Coast Electric A-359	20
167	Thermostat, Klixon C4344, Type B with B9770-3	10
168	Transistor, Silicon, Texas Instruments 903	30
169	Transistor, Silicon, Texas Instruments 951	30
170	Tube, Subminiature, Ratheon 6112	50
171	Capacitor, Fixed, Mica, 1,500 mmf, 5%, Arco El Menco DML9E-152J	100
172	Capacitor, Fixed, Metalized Paper, .0047 mfd, 100V, Hopkins Hytherm 1K-1472K	50
173	Capacitor, Fixed, Mica, 6,200 mmf, 1%, Arco El Menco CM-30-622	25
174	Capacitor, Fixed, Disc, Ceramic, .0008 mfd, Erie No. 831, -.801	50
175	Capacitor, Fixed, Metalized Paper, .01 mfd, 200V, Aerovox Type PL23ZNG	50

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	COMPONENTS FOR THE AIRBORNE RECORDER, MP-10737, Continued	
176	Capacitor, Fixed, Metalized Paper, .01 mfd, 400V, Aerovox Type P123ZNG	50
177	Capacitor, Fixed, Disc, Ceramic, .01 mfd, 600V, Erie No. 821--.01	50
178	Capacitor, Fixed, Silver Mica, .01 mfd, 1%, Arco El Menco CM35E103F	50
179	Capacitor, Fixed, Disc, Ceramic, .02 mfd, Erie No. 817-.02	50
180	Capacitor, Fixed, Metalized Paper, .022 mfd, 100V, 10%, Hopkins Hytherm 1K-1223K	25
181	Capacitor, Fixed, Metalized Paper, .047 mfd, 400V, Aerovox Type P123ZNG	50
182	Capacitor, Fixed, Metalized Paper, .10 mfd, 200V, Aerovox Type P123ZNG	25
183	Capacitor, Fixed, Etch Foil, Tantalytic, 2 mfd, 100V, GE 29F515	25
184	Capacitor, Fixed, Etch Foil, Tantalytic, 4 mfd, 150V, GE 29F447	25
185	Capacitor, Fixed, Plain Foil, Tantalytic, 6 mfd, 50V, GE 29F571	25
186	Capacitor, Fixed, Plain Foil, Tantalytic, 25 mfd, 10V, GE 29F543	50
187	Capacitor, Fixed, Etch Foil, Tantalytic, 100 mfd, 50V, GE 29F410	25
188	Connector, Miniature, Winchester, M7S-IR	10
189	Connector, Miniature, Winchester, M7P-LS	10
190	Connector, Miniature, Winchester, MRE-21P-J	10
191	Connector, Miniature, Winchester, MRE-7S-J	10
192	Connector, Miniature, Winchester, M5-H16	10

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<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419	
1	Housing, Filter, Cartridge, per R-W Dwg. No. 50403044-B	5
2	Gasket, Filter, per R-W Dwg. No. 50403045-A	10
3	Filter, Test Set, per R-W Dwg. No. 50403040-B	5
4	Stand-Off, Filter Cartridge, per R-W Dwg. No. 50403046-A	20
5	Adapter, Duodial, per R-W Dwg. No. 50403305	2
6	Washer, Locating, per R-W Dwg. No. 50403340	10
7	Clamp Assembly, Wave Guide, per R-W Dwg. No. 50403018	10
8	Spacer, per R-W Dwg. No. 50403098	10
9	Knob, per R-W Dwg. No. 50403328	5
10	Attenuator, PRD 1157S2	1
11	Capacitor, Fixed, Electrolytic, 50 mfd, 6V, Cornell Dublier BBR50-6	3
12	Capacitor, Fixed, Electrolytic, 10 mfd, 25V, Cornell Dublier BBR10-25	3
13	Capacitor, Fixed, Metalized Paper, .10 mfd, 200V, 1K, Hopkins 2104K	10
14	Capacitor, Fixed, Metalized Paper, 1.0 mfd, 200V, 1K, Hopkins 2105K	10
15	Capacitor, Fixed, Tubular, 1.0 mfd, 200V, Sprague Black Beauty 2TM-M1	5
16	Capacitor, Fixed, Metalized Paper, .022 mfd, 400V, Sprague 196P22394S2	5
17	Capacitor, Fixed, Metalized Paper, .001 mfd, 400V, Sprague 196P10294S2	10
18	Capacitor, Fixed, Metalized Paper, 0.1 mfd, 400V, Sprague 196P10494S2	5

## EXHIBIT A

LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419, Continued	
19	Capacitor, Fixed, Metalized Paper, 1 mfd, 400V, Hopkins 1K-4105K	5
20	Capacitor, Fixed, 20 mfd, 450V, Sprague 17D Y-28466-526	5
21	Capacitor, Fixed, 20 mfd, 450V, Sprague CE-42-200R	10
22	Capacitor, Fixed, Silver Mica, 20 mmf, 500V, Arco El Menco CM-15-C200J	5
23	Capacitor, Fixed, Silver Mica, 30 mmf, 500V, Arco El Menco CM-15E-300J	5
24	Capacitor, Fixed, Silver Mica, 50 mmf, 500V, Arco El Menco CM-15E-500J	5
25	Capacitor, Fixed, Silver Mica, 150 mmf, 500V, Arco El Menco CM-15E-151J	5
26	Capacitor, Fixed, Silver Mica, 250 mmf, 500V, Arco El Menco CM-15E-251J	5
27	Capacitor, Fixed, Mica, 2,000 mmf, 500V, Arco El Menco CM-20E-202J	5
28	Capacitor, Fixed, Mica, .001 mfd, 500V, Arco El Menco CM-19E-102J	5
29	Capacitor, Fixed, Mica, .002 mfd, 500V, Arco El Menco CM-20E-202J	5
30	Capacitor, Fixed, Mica, .003 mfd, 500V, Arco El Menco CM-30E-302J	5
31	Capacitor, Fixed, Mica, .0062 mfd, 500V, Arco El Menco CM-30E-622J	5
32	Capacitor, Fixed, Mica, .0091 mfd, 500V, Arco El Menco CM-35E-912J	5
33	Capacitor, Fixed, Ceramic Disc, .02 mfd, 600V, Erie No. 817-.02	5
34	Capacitor, Fixed, Paper-Oil, 5 mfd, 600V, Cornell Dublier TJU-6050J-1	5

## EXHIBIT A

LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419, Continued	
35	Capacitor, Fixed, Paper-Oil, .5 mfd, 1,500V, Cornell Dublier TJU-15005J	5
36	Capacitor, Fixed, Paper-Oil, 2 mfd, 1,000V, Cornell Dublier TJU-10020J	5
37	Capacitor, Fixed, Paper-Oil, 4 mfd, 2,500V, Cornell Dublier TJU-25040J	5
38	Capacitor, Fixed, Paper-Oil, 4 mfd, 2,500V, Cornell Dublier TJU-20040J	5
39	Capacitor, Fixed, .05 mfd, 3,000V, Plastic Capacitor Co. LF30-503A	5
40	Resistor, Fixed, Wirewound, 50K, 1/2W, 1%, Cinema R111-E	10
41	Resistor, Fixed, Wirewound, 150K, 1/2W, 1%, Cinema R111-E	10
42	Resistor, Fixed, Wirewound, 200K, 1/2W, 1%, Cinema R111-E	10
43	Resistor, Fixed, Wirewound, 800K, 1/2W, 1%, Hycor Type 70W	10
44	Resistor, Fixed, Wirewound, 3,000K, 1/2W, 1%, Cinema R111-E	10
45	Resistor, Fixed, Wirewound, 2.5K, 5W, Sprague Koolohm Type 5 NLT	10
46	Resistor, Fixed, Wirewound, 7.5K, 5W, Sprague Koolohm Type 5 KT	10
47	Resistor, Fixed, Wirewound, 6K, 10W, Sprague Koolohm Type 10 KT	10
48	Resistor, Fixed, Wirewound, 10K, 5W, Sprague Koolohm Type 5 KT	10
49	Resistor, Fixed, Wirewound, 4K, 5W, Sprague Koolohm Type 5 KT	10
50	Resistor, Fixed, Wirewound, 2.5K, 25W, Sprague Koolohm Type 25 NLT	10
51	Resistor, Fixed, Wirewound, 35K, 50W, Ohmite 0419	10
52	Tube, Electron, 5654	10
53	Tube, Electron, 6U8	5



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LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419, Continued	
54	Tube, Electron, 2D21	5
55	Tube, Electron, 5670	5
56	Tube, Vacuum, OB2	5
57	Tube, Vacuum, OA2	10
58	Tube, Vacuum, 6SJ7	5
59	Tube, Vacuum, 5R4GY	5
60	Tube, 836	5
61	Tube, 829B	5
62	Tube, Klystron, (S Band), Sperry Gyroscope 2K41	1
63	Tube, Klystron, Sperry Gyroscope 2K39	1
64	Relay, 9 Pin Miniature, 60 Sec., Amperite 6N060T	5
65	Socket, Candelabra Screw, Dialco 9S5038	5
66	Socket, Tube, 8 Pin, TS-101C02	10
67	Socket, Tube, 7 Pin, TS-102C01	10
68	Socket, Tube, 9 Pin, TS-103C01	5
69	Socket, Tube, 4 Pin, Ceramic 148-101	5
70	Socket, Tube, 122-101	5
71	Shield, Tube, TS103U03	10
72	Shield, Tube, TS102U03	10
73	Shield, Tube, TS102U01	10
74	Shield, Tube, TS103U02	5

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LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419, Continued	
75	Shield, Tube, TS103U01	5
76	Shield, Tube, TS102U02	5
77	Dual Blower and Motor, 60 Cycle, 115V, Air Marine BLOB-40	1
78	Rectifier, Silicon, Retma IN588	5
79	Choke, RF-68 MH Jeffers 10404-40	5
80	Choke, 15H, 120MA, Triad HSM307	5
81	Choke, 1.0 MH, 75MA, National R-50	5
82	Diode, Retma 1N99	5
83	Diode, Silicon, Transitron 1N342	10
84	Potentiometer, 100K, 2W, Ohmite CUL041	5
85	Potentiometer, 25K, 2W, Ohmite CLU2531	5
86	Potentiometer, 1K, 2W, Ohmite CUL021	5
87	Inductor, 75-1400 MH, Miller 4413	5
88	Lamp, Candelabra Screw Base, 6W, 125V, G.E.	5
89	Transformer, Rayco 1950	1
90	Transformer, Rayco 1961-B	2
91	Relay, 2124MX-115V, Leach	5
92	Ammeter, 200 MA Roller Smith	2
93	Wavemeter, "X" Band, F-R Machine Works X410A	1
94	Attenuator, "X" Band, Microwave Assoc. 534	1
95	Frequency Meter, "S", Microwave Assoc. 547	1
96	Duodial, R. B. Helipot	2

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LIST OF BONDED SPARES TO BE STOCKED  
FOR SYSTEM 1 REPAIR AND RETROFIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	COMPONENTS FOR TEST SET, MP-12419, Continued	
97	Attenuator, Polytechnic Research and Dev. Type 130D	1
98	Wave Guide, Transitron, XW-103-1A	1
99	Thermistor Mount, Coaxial, F-R Machine Works N215A	1
100	Disc, Thermistor, 27D1	5
101	Disc, Thermistor, 28D1	5
102	Tuner, Wave, Polytechnic Research and Dev. 306	2
103	Receptacle, Radio Frequency, UG-290/U	5
104	Connector, UG-29/B/U	10
105	Adapter, Right Angle, UG-27-B/U	5
106	Connector, UG-88-B/U	5
107	Terminator, Coaxial, Cable, Dico 3975	5
108	Plug, Series N, UG-18-C/U	5
109	Plug, Series N, UG-21-C/U	5
110	Panel Jack, Series N, UG-22-C/U	5
111	Plug, Angle, UG-276/U	55
112	Switch, Toggle, JAN ST-52K	5
113	Switch, Miniature, Centralab PA-300	5
114	Switch, Miniature, 2 Pole, Centralab PA-2	5
115	Switch, Rotary Selector, Centralab P-170, (Assembly 60° Index)	5
116	Switch, Rotary, 3 Pole, Centralab SS	5