

11.0 PARTS LIST AND TUNE UP INFORMATION

This section should include a list of active devices as required by 2.983(d)(6) and the tune up procedure as required by 2.983(d)(9). Pursuant to Section 2.983(d)(6), provide the function of each electron tube, semiconductor or other active circuit device. Pursuant to Section 2.983(d)(9), provide the tune-up procedure over the power range, or at specific operating power levels.

Item	Part No.	Description	Qty/Assy	Unit
1	11002-000	WIRE HOOKUP BUSS 22AWG	0.8	FEET
2	11002-001	WIRE HOOKUP BROWN 22AWG	3.2	FEET
3	11002-001	WIRE HOOKUP BROWN 22AWG	3.3	FEET
4	11002-002	WIRE HOOKUP RED 22AWG	3.3	FEET
5	11002-002	WIRE HOOKUP RED 22AWG	4.6	FEET
6	11002-006	WIRE HOOKUP LT. BLUE 22AWG	2.5	FEET
7	11002-007	WIRE HOOKUP VIOLET 22AWG	2.5	FEET
8	11002-008	WIRE HOOKUP GRAY 22AWG	5.0	FEET
9	11002-010	WIRE HOOKUP BLACK 22AWG	3.0	FEET
10	11002-016	WIRE HOOKUP WHITE/GREEN 22AWG	3.3	FEET
11	11002-019	WIRE HOOKUP WHITE/BROWN 22AWG	1.7	FEET
12	11002-020	WIRE HOOKUP WHITE/RED 22AWG	1.0	FEET
13	11002-101	WIRE HOOKUP BROWN 18AWG	1.3	FEET
14	11002-102	WIRE HOOKUP RED 18AWG	1.3	FEET
15	11002-105	WIRE HOOKUP GREEN 18AWG	8.0	FEET
16	11002-109	WIRE HOOKUP WHITE 18AWG	8.0	FEET
17	11002-110	WIRE HOOKUP BLACK 18AWG	8.0	FEET
18	11003-001	TERMINAL CRIMP FORK 6 RED	11.0	EACH
19	11003-001	TERMINAL CRIMP FORK 6 RED	24.0	EACH
20	11003-001	TERMINAL CRIMP FORK 6 RED	25.0	EACH
21	11003-102	TERMINAL CRIMP FE PLUG RED	8.0	EACH
22	11003-103	TERMINAL CRIMP FE PLUG LARGE RED	16.0	EACH
23	11003-201	TERMINAL LUG	13.0	EACH
24	11004-001	CABLE TIES, SMALL 4"	12.0	EACH
25	11005-007	CABLE 8 CONDUCTOR	1.2	FEET
26	11005-014	CABLE SJO-3 CONDUCTOR NEOPRENE 300	50.2	FEET
27	12005-002	KNOB POINTER	1.0	EACH
28	13301-001	FUSE 1A SLO-BLO	1.0	EACH
29	14002-001	JUMPER	5.0	EACH
30	15148-134	SCREW PPH 1/4-20 X 1-3/4	1.0	EACH
31	15408-008	NUT 1/2"	3.0	EACH
32	402000-03	TX ITX02 DRIVER BASIC	1.0	EACH
33	402013-10	TX ITX02 DRIVER MMDS NO LO/PROC	1.0	EACH
34	50106-012	PANEL TOP COVER 12D BLANK	1.0	EACH
35	50110-007	PANEL REAR 7H BLANK	1.0	EACH
36	50112-007	PANEL GRILL LARGE GRID 10"	2.0	EACH
37	50113-020	PANEL SIDE 7H 12D BLANK	2.0	EACH

Item	Part No.	Description	Qty/Assy	Unit
38	50114-005	PANEL BOTTOM ITX02-DRIVER	1.0	
39	50114-020	PANEL BOTTOM 12D BLANK	1.0	EACH
40	50115-015	PANEL REAR MMDS DRIVER	1.0	EACH
41	50122-007	PANEL MTR MMDS 1000/2000 MACH'D	1.0	EACH
42	50122-307	PANEL METER MMDS 1000/2000 P/SS	1.0	EACH
43	50122-807	LABOR MACH PNL MTR MMDS 1000/2000	1.0	EACH
44	50122-907	LABOR PAINT PNL MTR MMDS 1000/2000	1.0	EACH
45	50128-001	PANEL FRONT 19X 1.72" MACH'D	1.0	EACH
46	50128-001	PANEL FRONT 19X 1.72" MACH'D	3.0	EACH
47	50128-002	PANEL FRONT BLANK 19" X 3.47"	1.0	EACH
48	50128-002	PANEL FRONT BLANK 19" X 3.47"	2.0	EACH
49	50128-003	PANEL FRONT BLANK 19" X 5.22"	1.0	EACH
50	50128-004	PANEL FRONT BLANK 19" X 6.97"	1.0	EACH
51	50128-007	PANEL FRONT BLANK 19" X 12.22"	3.0	EACH
52	50128-008	PANEL FRONT BLANK 19" X 13.97"	3.0	EACH
53	50128-010	PANEL FRONT BLANK 19" X 17.47"	1.0	EACH
54	50128-302	PANEL FRONT 3.45" GREY	1.0	EACH
55	50128-307	PANEL FRONT 12.22" GREY	3.0	EACH
56	50128-308	PANEL FRONT 13.97 GREW	3.0	EACH
57	50128-310	PANEL FRONT 17.47" GREY	1.0	EACH
58	50128-902	LABOR PAINT PANEL FRONT 19" X 3.47	1.0	EACH
59	50128-907	LABOR PAINT PANEL FRONT 19X 12.22"	3.0	EACH
60	50128-908	LABOR PAINT PANEL FRONT 19X 13.97"	3.0	EACH
61	50128-910	LABOR PAINT PANEL FRONT 19X 17.47"	1.0	EACH
62	50154-004	PANEL SUPPORT MMDS 160W AMP	4.0	
63	50156-001	PANEL SWITCH	1.0	EACH
64	50156-002	PANEL AC-FAN SWITCH ITX02-1/2000	1.0	EACH
65	50161-001	PANEL ON-DELAY MOUNTING	1.0	EACH
66	50162-011	PANEL MONITOR MMDS RACK MACH'D	1.0	EACH
67	50162-311	PANEL MONITOR MMDS RACK P/SS	1.0	EACH
68	50162-811	LABOR MACH PANEL MONITR MMDS RACK	1.0	EACH
69	50162-911	LABOR PAINT PANEL MONITR MMDS RACK	1.0	EACH
70	50163-002	PANEL DISTRIBUTION DC	2.0	EACH
71	50170-001	ENCLOSURE ITX02/IAR02 ASSY MACHND	1.0	EACH
72	51108-001	HEATSINK 2GHZ UP-CONVERTER	1.0	EACH
73	52001-001	PWB MONITOR ITX	1.0	EACH
74	53144-001	SUPPORT ATTENUATOR	4.0	EACH
75	53149-001	SUPPORT POWER SUPPLY	1.0	EACH
76	53149-001	SUPPORT POWER SUPPLY	1.0	EACH
77	53150-001	SUPPORT SPLTR ITX/MMDS DRIVR	1.0	EACH
78	53153-001	SUPPORT COUPLER MMDS	1.0	EACH
79	53309-002	BRACKET MIXER/FILTER ITX02-DRIVER	2.0	EACH
80	53309-003	BRACKET LNA ITX02-DRIVER	1.0	EACH
81	53309-004	BRACKET ISOLATOR MMDS DRIVER	1.0	

Item	Part No.	Description	Qty/Assy	Unit
82	55133-001	SPACER LINE EXTENDER	2.0	EACH
83	63515-001	POWER SUPPLY ASSY 12V @ 3.4A	1.0	EACH
84	64405-140	CABLE METER MONITOR ITX500	1.0	EACH
85	64408-004	HARNESS METER PANEL SWITCH ITX02	1.0	EACH
86	64413-001	HARNESS WIRING ITX02 DRIVER	1.0	EACH
87	65101-001	PCB ASSY ITX MONITOR	1.0	EACH
88	66008-001	PANEL ON/OFF MMDS	1.0	EACH
89	66009-003	PANEL MONITOR ITX02 500-2000	1.0	EACH
90	66010-002	PANEL DISTRIBUTION DC ASSEMBLY	2.0	EACH
91	66011-005	PANEL METER MMDS RACK 1000/2000	1.0	EACH
92	66020-001	PANEL FAN SWITCH ASSY ITX02-1/2000	1.0	
93	66021-001	PANEL TIMER ON-DELAY ASSY ITX02-2K	1.0	
94	80010-024	CABLE HELIAX 24" N-MALE	5.0	EACH
95	81020-290	CABLE COAX T-FLEX 29.0	5.0	EACH
96	81020-370	CABLE COAX T-FLEX 37.0	5.0	EACH
97	81020-680	CABLE COAX T-FLEX 68.0	1.0	EACH
98	81031-040	CABLE COAX .141 SMA/SMA 4.0" ALU	1.0	EACH
99	81031-050	CABLE COAX .141 SMA/SMA 5.0" ALU	1.0	EACH
100	81101-001	CONNECTOR MONITOR 15 PIN	1.0	EACH
101	81101-001	CONNECTOR MONITOR 15 PIN	1.0	EACH
102	81101-004	CONNECTOR EXTENSION TX	2.0	EACH
103	81101-038	CONNECTOR CABLE MMDS PWR AMP	4.0	EACH
104	81101-039	CONNECTOR ST. PLUG MMDS PWR AMP	4.0	EACH
105	81103-008	CONNECTOR PIN 9A FEMALE	10.0	EACH
106	81103-008	CONNECTOR PIN 9A FEMALE	25.0	EACH
107	81103-009	CONNECTOR PIN 9A MALE	6.0	EACH
108	81103-009	CONNECTOR PIN 9A MALE	7.0	EACH
109	81103-009	CONNECTOR PIN 9A MALE	7.0	EACH
110	81103-009	CONNECTOR PIN 9A MALE	10.0	EACH
111	81103-019	CONNECTOR PIN 12 A FEMALE	2.0	EACH
112	81103-019	CONNECTOR PIN 12 A FEMALE	15.0	EACH
113	81103-020	CONNECTOR PIN 12A MALE	2.0	EACH
114	81103-020	CONNECTOR PIN 12A MALE	2.0	EACH
115	81103-020	CONNECTOR PIN 12A MALE	5.0	EACH
116	81103-020	CONNECTOR PIN 12A MALE	15.0	EACH
117	81105-001	CONNECTOR HOUSING 8 PIN	2.0	EACH
118	81105-010	CONNECTOR PLUG 9A 4 PIN	1.0	EACH
119	81105-010	CONNECTOR PLUG 9A 4 PIN	1.0	EACH
120	81105-013	CONNECTOR RECEPTACLE 9A 3 PIN	1.0	EACH
121	81105-013	CONNECTOR RECEPTACLE 9A 3 PIN	2.0	EACH
122	81105-014	CONNECTOR HOUSING 8 PIN	1.0	EACH
123	81105-015	CONNECTOR RECEPTACLE 9A 4 PIN	1.0	EACH
124	81105-015	CONNECTOR RECEPTACLE 9A 4 PIN	1.0	EACH
125	81105-016	CONNECTOR PLUG 9A 3 PIN	1.0	EACH

Item	Part No.	Description	Qty/Assy	Unit
126	81105-016	CONNECTOR PLUG 9A 3 PIN	1.0	EACH
127	81105-016	CONNECTOR PLUG 9A 3 PIN	2.0	EACH
128	81105-017	CONNECTOR PLUG 9A 2 PIN	1.0	EACH
129	81105-018	CONNECTOR RECEPTACLE 9A 2 PIN	1.0	EACH
130	81105-024	CONNECTOR RECEPTACLE 12A 2 PIN	1.0	EACH
131	81105-025	CONNECTOR RECEPTACLE 12A 3 PIN	5.0	EACH
132	81105-027	CONNECTOR PLUG 12A	1.0	EACH
133	81105-027	CONNECTOR PLUG 12A	1.0	EACH
134	81105-027	CONNECTOR PLUG 12A	1.0	EACH
135	81105-028	CONNECTOR PLUG 12A 3-PIN	1.0	EACH
136	81105-028	CONNECTOR PLUG 12A 3-PIN	5.0	EACH
137	81110-002	TERMINAL STRIP #6 2 TERMINALS	1.0	EACH
138	81110-006	TERMINAL STRIP #6 6 TERMINALS	1.0	EACH
139	81110-006	TERMINAL STRIP #6 6 TERMINALS	1.0	EACH
140	81110-010	TERMINAL STRIP #6 10 TERMINALS	1.0	EACH
141	81110-010	TERMINAL STRIP #6 10 TERMINALS	1.0	EACH
142	81110-012	TERMINAL STRIP	4.0	EACH
143	81110-013	TERMINAL STRIP #6 3 TERMINALS	1.0	EACH
144	81110-014	TERMINAL STRIP #6 12 TERM	1.0	EACH
145	81301-001	SWITCH TOGGLE AC	1.0	EACH
146	81301-001	SWITCH TOGGLE AC	4.0	EACH
147	81301-002	SWITCH TOGGLE MINATURE	2.0	EACH
148	81301-002	SWITCH TOGGLE MINATURE	2.0	EACH
149	81301-012	SWITCH SLIDE DPDT	1.0	EACH
150	81301-013	CIRCUIT BREAKER 30A	1.0	EACH
151	81303-004	SWITCH ROTARY 3 SECTION	1.0	EACH
152	81601-001	AC POWER CORD	1.0	EACH
153	81601-003	AC POWER CORD OUT W/PIGTAIL	1.0	EACH
154	82000-007	CAPACITOR 10MF 25V	1.0	EACH
155	82001-001	RESISTOR 1K 1/4W	3.0	EACH
156	82001-002	RESISTOR 22.1K 1/4W	1.0	EACH
157	82001-003	RESISTOR 3.01K 1/4W	2.0	EACH
158	82001-009	RESISTOR 6.8K 1/4W	4.0	EACH
159	82001-037	RESISTOR 9 MEG 1/4W 1%	8.0	EACH
160	82001-038	RESISTOR 1 MEG 1/4W 1%	8.0	EACH
161	82004-006	RELAY ON-DELAY	4.0	EACH
162	83101-001	RECEPTACLE AC PANEL	1.0	EACH
163	83201-001	FUSEHOLDER	1.0	EACH
164	83401-001	FAN +12VDC	1.0	EACH
165	83401-006	BLOWER 115V 50/60 HZ	1.0	EACH
166	83401-013	FAN FLAT PAC 115 VAC	4.0	EACH
167	83402-001	FAN GUARD	1.0	EACH
168	83405-001	PANEL FAN GRILLE 12 1/2"	1.0	EACH
169	83512-001	POWER SUPPLY 24V @ 1.2A	1.0	EACH

Item	Part No.	Description	Qty/Assy	Unit
170	83515-001	POWER SUPPLY 12V @ 3.4A	1.0	EACH
171	83520-003	POWER SUPPLY 12V @ 84A	3.0	EACH
172	83607-001	TIMER ON-DELAY	4.0	EACH
173	83701-006	REGULATOR VOLTAGE	1.0	EACH
174	83802-002	METER PANEL DIGITAL	1.0	EACH
175	84019-001	CONNECTOR SMA-M RG-188 CRIMP	4.0	EACH
176	84019-005	CONNECTOR SMA-M RG-180/RG195	1.0	EACH
177	84030-009	CABLE CLAMP MS 3101/3106	8.0	EACH
178	84039-001	CONNECTOR BNC-M RG-59 CRIMP	1.0	EACH
179	84044-001	CONNECTOR F-M/M	1.0	EACH
180	84049-001	CONNECTOR F-M RG-59 SNAP-N-SEAL	5.0	EACH
181	84049-001	CONNECTOR F-M RG-59 SNAP-N-SEAL	6.0	EACH
182	84049-004	CONNECTOR F-M 8218 CLAMP	1.0	EACH
183	84111-001	ADAPTER SMA-M/SMA-M	1.0	EACH
184	84111-001	ADAPTER SMA-M/SMA-M	11.0	EACH
185	84111-002	ADAPTER SMA-F/SMA-F BULKHEAD	1.0	EACH
186	84111-002	ADAPTER SMA-F/SMA-F BULKHEAD	1.0	EACH
187	84111-004	ADAPTER SMA-M/SMA-M RT RADIUS	3.0	EACH
188	84111-006	ADAPTER SMA-M/SMA-F/RT RADIUS	1.0	EACH
189	84112-001	ADAPTER SMA-M/N-M	1.0	EACH
190	84112-002	ADAPTER SMA-F/N-M	1.0	EACH
191	84122-005	ADAPTER N-F/N-M RT 90 DEG	4.0	EACH
192	84122-006	ADAPTER N-M/N-M RT 90 DEG	3.0	EACH
193	84122-008	ADAPTER N-F/N-F PANEL MOUNT	1.0	EACH
194	84137-001	ADAPTER N-F/SMA-F PANEL MOUNT	1.0	EACH
195	84137-002	ADAPTER N-F/SMA-M PANEL MOUNT	1.0	EACH
196	84143-001	CONNECTOR F-F/F-F STRAIGHT W/FLATS	1.0	EACH
197	84143-001	CONNECTOR F-F/F-F STRAIGHT W/FLATS	2.0	EACH
198	84143-001	CONNECTOR F-F/F-F STRAIGHT W/FLATS	3.0	EACH
199	84211-001	TERMINATION SMA-M W/CHAIN	1.0	EACH
200	84211-002	TERMINATION SMA-M W/O CHAIN	4.0	EACH
201	84211-004	TERMINATION N 2W	2.0	EACH
202	84211-005	TERMINATION N 50W	4.0	EACH
203	84311-010	ATTENUATOR SMA 10 DB	1.0	EACH
204	85909-001	NUT F CONNECTOR	1.0	EACH
205	85909-001	NUT F CONNECTOR	2.0	EACH
206	85909-001	NUT F CONNECTOR	3.0	EACH
207	85909-002	WASHER F CONNECTOR	1.0	EACH
208	85909-002	WASHER F CONNECTOR	2.0	EACH
209	85909-002	WASHER F CONNECTOR	3.0	EACH
210	85909-011	BUSHING THREADED 1/2"	3.0	EACH
211	86101-020	COUPLER DIR 20 DB F-F/F/F	1.0	EACH
212	421060-01	VHF PROCESSOR	1.0	EACH
213	86302-001	TRANSFORMER 50/75 BNC-M/F-F	1.0	EACH

Item	Part No.	Description	Qty/Assy	Unit
214	87099-001	CIRCULATOR N-M/N-M/N-F 2 GHZ	1.0	EACH
215	87102-210	COUPLER DIR 10DB SMA	1.0	EACH
216	87102-220	COUPLER DIR 20DB SMA	1.0	EACH
217	87102-230	COUPLER DIR 30DB SMA 2.0-4.0 GHZ	2.0	EACH
218	87103-222	ISOLATOR SMA-M/M THRU	1.0	EACH
219	87103-223	ISOLATOR SMA-F/M THRU	1.0	EACH
220	87110-001	FILTER BANDPASS GP 2.5-2.7 GHZ	1.0	EACH
221	87112-013	FILTER BAND REJECT GP MMDS	1.0	EACH
222	87116-004	AMPLIFIER PUMP 2GHZ	1.0	EACH
223	87150-040	COUPLER 40 DB COAXIAL	1.0	EACH
224	87151-013	FILTER PUMP GP MMDS PUMP	1.0	EACH
225	87191-001	PHASE SHIFTER COAX DC TO 4 GHZ	6.0	EACH
226	87194-000	AMPLIFIER LOW NOISE 2.0-4.0 GHZ	1.0	EACH
227	87194-000	AMPLIFIER LOW NOISE 2.0-4.0 GHZ	1.0	EACH
228	87202-019	MIXER 2.0-20.0 GHZ 13-16 DBM LO	1.0	EACH
229	87220-001	DETECTOR SMA-M/F	1.0	EACH
230	87225-001	HYBRID COAXIAL 90 DEG	3.0	EACH
231	87226-001	ATTENUATOR VARIABLE 2 GHZ	5.0	EACH
232	87226-013	HYBRID COAXIAL 90 DEGREE	3.0	EACH
233	87312-013	FILTER OUTPUT MMDS	1.0	
234	87331-001	DOWN-CONVERTER MMDS 222-408MHZ	1.0	EACH
235	87331-101	POWER SUPPLY/INSERTER FOR ITX02 DW	1.0	EACH
236	87337-006	AMPLIFIER POWER MMDS IP3 69.5	4.0	EACH
237	88001-001	FEET RUBBER BUMPERS	4.0	EACH
238	88002-001	PLUG METAL 1-1/4"	1.0	EACH
239	88002-002	PLUG METAL 1/2"	1.0	EACH
240	88002-003	PLUG METAL 3/8"	1.0	EACH
241	88007-006	STANDOFF 3/8" 8-32 ALMN	16.0	EACH
242	88009-001	STANDOFF SWAGE 6-32 X 1/4	4.0	EACH
243	88105-001	HANDLE BLACK 4.56	2.0	EACH
244	88110-001	HEATSINK UNFINISHED	0.5	FEET
245	88206-003	ENCLOSURE RACK 6FT	1.0	EACH
246	88206-005	ENCLOSURE PANELS SIDE 6FT	1.0	EACH
247	88207-003	ENCLOSURE ANGLE RAIL 6FT PAIR	1.0	PAIR
248	88304-001	CONNECTORS LIQUID-TIGHT	3.0	EACH
249	88420-001	POWER SUPPLY MAINFRAME	1.0	EACH
250	87225-013	SOURCE HYBRID 2278 MHz	1.0	EACH