

3.4 Parts Lists

3.4.1 Whole System Parts List (50-078001)

AFL Part Nō.	Part Description	Qty.
50-078002	800MHz AIR I/F + BSCE UPLINK SHELF	1
50-078003	800MHz 8CH CHANNEL MOD. SHELF	3
50-078004	800MHz 40W HPA / DRIVER SHELF	2
50-078010/1	VHF SIMPLEX SHELF	1
50-078010/2	VHF SIMPLEX SHELF	1
50-078011/1	VHF DUPLEX SHELF	1
50-078011/2	VHF DUPLEX SHELF	1
50-078011/3	VHF DUPLEX SHELF	1
50-078011/4	VHF DUPLEX SHELF	1
50-078012	VHF AIR I/F SHELF	1
50-078013	VHF COMBINER SHELF	1
50-078014	VHF PSU SHELF	1
50-078015	VHF/ 800 Tx MULTICOUPLER	1
50-078017	800MHz IN LINE AMPLIFIER	2
60-020608	40U SWING FRAME CABINET Q104362	3
80-209302	12V 160Ah BATTERY BACK UP STANDARD	2

3.4.2 800MHz AIF Uplink Shelf 50-078002 Parts List

AFL Part N ^o .	Part Description	Qty.
02-007201	900MHz 8POLE 10-20MHz B/W SMA	4
05-002602	900MHz SPLITTER/COMBINER, 20W	5
05-003801	3WAY GEN.SPLIT 900MHz GEN.ASS	4
10-000701	1/4W0-30dB SWITCHED ATTENUATOR	2
11-005902	900MHz LOW NOISE AMP WITH RELAY ASS	3
11-006702	GA 800-1000MHz LNA 29dB (WITH RELAY	4
12-018001	PA 800-960MHz 10W 30dB	2
14-000225	CASE RAIL LONG R.S.A./R.F.A.	4
17-001109	CE AGC UNIT LOG DET/AMP ASSY (12v)	1
17-001201	C/E AGC UNIT ATTENUATOR ASSY	1
20-001601	12V RELAY BOARD	1
50-012820	CCE RACK MOUNTED 8U CHASSIS	1
50-012822	CCE RACK MOUNTED LID	1
50-012825	CCE RACK MOUNTED HEATSINK BRACKET	4
50-027720	RACK MTD CHAN C.E. MODIFIED HEATSIN	2
80-090822	C/E 8U FRONT PANEL, AFL (RAL7035)	1
80-310420	BCC 400W POWER SUPPLY HEATSINK	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-130005	SMA BULKHEAD ADAPTOR F/F	12
91-500025	3 PIN RIGHT ANGLE FREE PLUG NC-X	3
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	3
91-510004	3 PIN PNL.MOUNT SOCKET NC-X	3
91-510032	20A SOCKET CONTACT PIN	4
91-520001	PWR MAINS INL FIXED/SOLD.TERMS	1
91-520005	MAINS LEAD (KETTLE, IEC)	1
91-520010	MAINS RETAINING CLIP	1
91-600007	'D' 9 WAY BLACK SHELL	8
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	7
91-600015	'D' 9 WAY PLUG S/B (NON FILTERED)	1
91-660001	2W5 MIXED D TYPE SOCKET (7 WAY)	2
96-110034	FUSE HOLDER 16-30A, 32mm BODY	3
96-300057	15V 27A PSU 400W (XP BCC)	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
96-900018	AC TRIP SWITCH (5 AMP M.C.B.)	2
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2
99-200008	DANGER HIGH VOLTAGE LABEL 2x2'	1
99-200017	CAUTION HEAVY LABEL 75x55mm	2

3.4.3 800MHz 8 Channel, Channel Module Shelf 50-078003 Parts List

AFL Part Nō.	Part Description	Qty.
05-003302	4 WAY SPLITTER GSM 900MHz	4
17-002101	CHANNEL CONTROL MODULE	2
17-002103	26WAY RIBBON CABLE LEAD	8
17-003022	MODULE PATTERNED LEAVE	8
17-003023	SUBRACK SIDE PANEL	4
17-003024	SUBRACK REAR BRACKET	8
17-003025	BOTTOM MODULE GUIDE	8
17-003028	MODULE SQUARE LEAVE	8
17-003029	TOP MODULE GUIDE	8
17-009127	CHAN MOD 810-860MHz 30KHz 8p TCXO	8
91-100004	SMA PLUG ELBOW UT-85/RG405	32
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	2
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	2
91-600007	'D' 9 WAY BLACK SHELL	4
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	2
91-600015	'D' 9 WAY PLUG S/B (NON FILTERED)	2
92-280033	Captive Screw	16
96-110001	FUSE HOLDER 20 x 5mm6.3A	2
96-110007	T 1.6A A.SURGE FUSE 20mm	4
97-000002	BLACK MODULE CAGE RUNNER	16
97-600001	SUBRACK FRONT HORIZ	4
97-600002	SUBRACK M2.5 STD TAP	4

3.4.4 800MHz 40W Amplifier Shelf 50-078004 Parts List

AFL Part N ^o .	Part Description	Qty.
02-007201	900MHz 8POLE 10-20MHz B/W SMA	1
05-002602	900MHz SPLITTER/COMBINER, 20W	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	1
11-005802	900MHz DRIVER STAGE WITH RELAY	1
12-018002	PA 800-960MHz 20W CLASS A	2
14-000225	CASE RAIL LONG R.S.A./R.F.A.	2
50-012820	CCE RACK MOUNTED 8U CHASSIS	1
50-012822	CCE RACK MOUNTED LID	1
50-012825	CCE RACK MOUNTED HEATSINK BRACKET	4
50-027720	RACK MTD CHAN C.E. MODIFIED HEATSIN	2
80-090822	C/E 8U FRONT PANEL, AFL (RAL7035)	1
80-310420	BCC 400W POWER SUPPLY HEATSINK	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	2
91-510032	20A SOCKET CONTACT PIN	4
91-520001	PWR MAINS INL FIXED/SOLD.TERMS	1
91-520005	MAINS LEAD (KETTLE, IEC)	1
91-520010	MAINS RETAINING CLIP	1
91-600007	'D' 9 WAY BLACK SHELL	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	1
91-600015	'D' 9 WAY PLUG S/B (NON FILTERED)	1
91-660001	2W5 MIXED D TYPE SOCKET (7 WAY)	2
96-300057	15V 27A PSU 400W (XP BCC)	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
96-900018	AC TRIP SWITCH (5 AMP M.C.B.)	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2
99-200008	DANGER HIGH VOLTAGE LABEL 2x2'	1
99-200017	CAUTION HEAVY LABEL 75x55mm	2

3.4.5 VHF Simplex Shelf 50-078010/1

AFL Part N ^o .	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-001202	10/600MHz LNA 24v SMA Alarm	7
12-002213	3 STAGE ALARM/SIMPLEXMUTE PCB SUB-ASS	2
12-002220	3 STAGE ALARM PCB COVER	2
12-002804	SINGLE CH. ALARM/SIMPLEX MUTE BOARD	7
12-002820	SINGLE CHANNEL ALARM COVER	7
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002811	SIMPLEX CONTROLLER PCB ASSEMBLY	2
17-001201	C/E AGC UNIT ATTENUATOR ASSY	4
17-002802	SIMPLEX C.E Rx/SQUELCH & AF (SMD)	2
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	2
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	9
93-540035	1K3 0.25W 1% RES MRS25 M:F	2
93-980109	161.295MHz CRYSTAL FILT FAN4M52500	4
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-300014	PSU VOLTS ADJUSTER	2
96-700017	LED AMBER 5mm SEALED IP66	2
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.6 VHF Simplex Shelf 50-078010/2 Parts List

AFL Part N ^o .	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-001202	10/600MHz LNA 24v SMA Alarm	7
12-002213	3 STAGE ALM/SIMPLEXMUTE PCB SUB-ASS	2
12-002220	3 STAGE ALARM PCB COVER	2
12-002804	SINGLE CH. ALARM/SIMPLEX MUTE BOARD	7
12-002820	SINGLE CHANNEL ALARM COVER	7
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002811	SIMPLEX CONTROLLER PCB ASSEMBLY	2
17-001201	C/E AGC UNIT ATTENUATOR ASSY	4
17-002802	SIMPLEX C.E Rx/SQUELCH & AF (SMD)	2
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	2
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	9
93-540035	1K3 0.25W 1% RES MRS25 M:F	2
93-980112	160.530MHz CRYSTAL FILT FAN4M52500	4
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-300014	PSU VOLTS ADJUSTER	2
96-700017	LED AMBER 5MM SEALED IP66	2
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.7 VHF Duplex Shelf 50-078011/1 Parts List

AFL Part N ^o .	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-006002	LNA VHF 70-500MHz WITH RELAY	7
12-002201	3 STAGE AMPLIFIER ALARM BOARD	1
12-002203	3 STAGE ALARM BOARD SIMPLEX	1
12-002220	3 STAGE ALARM PCB COVER	2
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	2
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002812	SWITCH VERSION OF SIMPLEX CONT.	1
17-001105	CE AGC UNIT LOG DET/AMP ASSY (24v)	1
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	7
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	2
93-980103	160.665MHz CRYSTAL FILT FAN4M52500	2
93-980104	160.935MHz CRYSTAL FILT FAN4M52500	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.8 VHF Duplex Shelf 50-078011/2 Parts List

AFL Part Nō.	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-006002	LNA VHF 70-500MHz WITH RELAY	7
12-002201	3 STAGE AMPLIFIER ALARM BOARD	1
12-002203	3 STAGE ALARM BOARD SIMPLEX	1
12-002220	3 STAGE ALARM PCB COVER	2
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	2
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002812	SWITCH VERSION OF SIMPLEX CONT.	1
17-001105	CE AGC UNIT LOG DET/AMP ASSY (24v)	1
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	7
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	2
93-980105	160.380MHz CRYSTAL FILT FAN4M52500	2
93-980106	160.905MHz CRYSTAL FILT FAN4M52500	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.9 VHF Duplex Shelf 50-078011/3 Parts List

AFL Part N ^o .	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-006002	LNA VHF 70-500MHz WITH RELAY	7
12-002201	3 STAGE AMPLIFIER ALARM BOARD	1
12-002203	3 STAGE ALARM BOARD SIMPLEX	1
12-002220	3 STAGE ALARM PCB COVER	2
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	2
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002812	SWITCH VERSION OF SIMPLEX CONT.	1
17-001105	CE AGC UNIT LOG DET/AMP ASSY (24v)	1
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	7
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	2
93-980107	160.710MHz CRYSTAL FILT FAN4M52500	2
93-980108	161.415MHz CRYSTAL FILT FAN4M52500	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.10 VHF Duplex Shelf 50-078011/4 Parts List

AFL Part N ^o .	Part Description	Qty.
08-930002	2 PORT ISOLATOR 150-300MHz SMA	2
10-000901	SW. ATTENUATOR 0.25W 0-15dB	4
11-006002	LNA VHF 70-500MHz WITH RELAY	7
12-002201	3 STAGE AMPLIFIER ALARM BOARD	1
12-002203	3 STAGE ALARM BOARD SIMPLEX	1
12-002220	3 STAGE ALARM PCB COVER	2
12-004902	POWER AMP VHF 5W CLASS AB	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	2
13-001822	DC-DC CON 24V-5V/15V COVER	1
13-002812	SWITCH VERSION OF SIMPLEX CONT.	1
17-001105	CE AGC UNIT LOG DET/AMP ASSY (24v)	1
17-009135	VHF 15Kstep CH MOD 15kHz 8p BW+IFRX	2
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-000924	3U 19" UNIT FRONT PANEL FAB	1
80-063920	HEATSINK 2U ASS140 (5W) MILCHBUCK	2
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	7
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	2
93-980110	161.565MHz CRYSTAL FILT FAN4M52500	2
93-980111	160.755MHz CRYSTAL FILT FAN4M52500	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.11 VHF Air Interface Shelf 50-078012 Parts List

AFL Part N ^o .	Part Description	Qty.
01-002503	FILTER VHF H/B 6 SMA S 100W	2
05-002901	3dB BROADBAND SPLITTER SMA 1WATT	2
05-003401	4 WAY SPLITTER LOW POWER	1
07-005401	160-470MHz 3 WAY SPLITTER	2
11-004802	450MHz (10dB GAIN) LNA 12V.	1
12-002801	SINGLE CHANNEL ALARM BOARD STD	1
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
80-024203	TRANSMITTER HYBD COUPL.3 PORT	1
80-063627	3U FRONT PANEL FOR H/S 80-063920	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	15
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-700017	ICD 15 WAY 0.1' CONNECTOR	6
93-540035	1K3 0.25W 1% RES MRS25 M:F	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.12 VHF Combiner Shelf 50-078013 Parts List

01-002503	FILTER VHF H/B 6 SMA S 100W	2
05-002901	3dB BROADBAND SPLITTER SMA 1WATT	1
07-005401	160-470MHz 3 WAY SPLITTER	4
11-006002	LNA VHF 70-500MHz WITH RELAY	1
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-000921	3U 19" UNIT 400 DEEP CHASSIS + BKT	1
80-024203	TRANSMITTER HYBD COUPL.3 PORT	2
80-063627	3U FRONT PANEL FOR H/S 80-063920	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	15
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
93-540035	1K3 0.25W 1% RES MRS25 M:F	2
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400005	HANDLE TYPE H6802 3U [ALLOY]	2

3.4.13 VHF PSU Shelf 50-078014 Parts List

AFL Part N ^o .	Part Description	Qty.
13-003301	MAINS FILTER 8AMP ASSEMBLY	1
20-001602	24V RELAY BOARD	1
80-008920	DUAL PSU HEATSINK	2
80-008921	DUAL PSU CASE	1
80-008922	DUAL PSU LID	1
80-008925	DUAL PSU FRONT PANEL	1
80-020632	2U CHASSIS LID FIXING RAIL	4
91-500025	3 PIN RIGHT ANGLE FREE PLUG NC-X	6
91-510004	3 PIN PNL.MOUNT SOCKET NC-X	6
91-510035	3 WAY MATE N LOK PLUG HOUSING	2
91-520001	PWR MAINS INL FIXED/SOLD.TERMS	1
91-520005	MAINS LEAD (KETTLE, IEC)	1
91-520010	MAINS RETAINING CLIP	1
91-520032	MATE N LOK SOCKET CONTACT 20/14 AWG	6
91-600015	'D' 9 WAY PLUG S/B (NON FILTERED)	1
91-800014	3 WAY TERMINAL BLOCK	1
94-100004	STPS12045TV 60A DUAL DIODE	1
96-100001	20x5mm,10A FUSE HOLDER/CARRIER	6
96-300054	24V 17A PSU 400W (XP BCC)	2
96-600001	INSULATING BOOT LARGE	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	2
96-900017	AC TRIP SWITCH (3 AMP M.C.B.)	2
97-400002	HANDLE TYPE H6803 4U.[ALLOY]	2

3.4.14 VHF/800MHz Tx Multi-coupler Shelf 50-078015 Parts List

AFL Part N ^o .	Part Description	Qty.
05-002602	900MHz SPLITTER/COMBINER, 20W	1
05-002901	3dB BROADBAND SPLITTER SMA 1WATT	3
05-003401	4 WAY SPLITTER LOW POWER	1
05-003801	3WAY GEN.SPLIT 900MHz GEN.ASS	1
07-004101	70-1000MHz 3dB SPLITTER/COMBINER	1
07-005401	160-470MHz 3 WAY SPLITTER	2
07-005705	CROSSBAND CPLR XC 250/380 SMA	6
07-014002	6dB 170-2200MHz DIRECTIONAL COUPLE	2
19-001122K	5U CHASSIS KIT (450mm deep)	1
80-024203	TRANSMITTER HYBD COUPL.3 PORT	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	15

3.4.15 800Mhz In-Line Amplifier (Wall-Mount Case) 50-078017 Parts List

AFL Part N^o.	Part Description	Qty.
02-007201	900MHz 8POLE 10-20MHz B/W SMA	4
07-005705	CROSSBAND CPLR XC 250/380 SMA	4
10-000701	1/4W0-30dB SWITCHED ATTENUATOR	2
11-005902	900MHz LOW NOISE AMP WITH RELAY ASS	2
12-018002	PA 800-960MHz 20W CLASS A	1
12-018601	POWER AMPLIFIER 900MHz 5W	1
17-000126	CELL ENHANCER LABEL 6 DIGIT	1
17-000526	CE 10/20W HEATSINK THERMAL GASKET	2
17-001109	CE AGC UNIT LOG DET/AMP ASSY (12v)	1
17-001201	C/E AGC UNIT ATTENUATOR ASSY	1
17-009020	ENCLOSURE 620 x 420 x 250 (3 H/S) ALU	1
20-001601	12V RELAY BOARD	1
80-031820	20W PA HEATSINK (NEEDS 17-000526)	1
80-032320	10W PA HEATSINK (NEEDS 17-000526)	1
91-030002	N ADAPTOR PANEL FEMALE:FEMALE	4
91-500011	PWR 3POLE PNL PLUG SEALED IP68	1
91-500015	PWR CON CAP SEALED with INT. THREAD	2
91-500016	PWR 6POLE PNL PLUG SEALED IP68	1
91-510032	20A SOCKET CONTACT PIN	4
91-600007	'D' 9 WAY BLACK SHELL	4
91-600014	'D' 9 WAY SOCKET S/B (NON FILTERED)	4
91-660001	2W5 MIXED D TYPE SOCKET (7 WAY)	2
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	1
97-400010	BLACK PLASTIC HANDLE 50mm HIGH	2
97-900003	RUBBER FOOT 1 1/2' DIA.	4

3.4.16 12V 160Ahour Battery Back-Up 80-209302 Parts List

AFL Part N ^o .	Part Description	Qty.
17-000526	CE 10/20W HEATSINK THERMAL GASKET	2
17-004833	BATTERY BACK UP LABEL	1
20-001601	12V RELAY BOARD	1
50-046922	HEATSINK COVER (A) FOR DIODES	1
50-046923	DOOR VENT MESH	2
50-046924	BATTERY BACK UP UNIT DIODE HEATSINK	1
50-046926	BATTERY BACK UP UNIT BACK PANEL	1
50-046927	HEATSINK COVER (B) FOR DIODES	1
50-046928	COVERS A & B FIXING STRIP	1
50-046929	BATTERY BACK UP CASE	1
50-046930	BBU BATTERY REAR BRACKET	3
50-046931	BBU BATTERY CLAMPING BRACKET	1
50-046932	BBU TOP BATTERY LOCATION PLATE	1
50-046933	BBU BATTERY BASE TRAY	1
50-046934	BBU BATTERY CLAMPING STUD	6
50-046935	BBU LOWER BATTERY CLAMPING BAR	1
50-046936	BBU TOP BAT LOCATION PLATE SPACER	1
50-046937	CHARG'R AL'M INDIC'R PL'T&SILK SC'N	1
80-061003	LOW VOLTAGE 12v BATT DISC PCB PARTS	1
80-160020	AC TRIP SWITCH BOX-TWIN MTG BKT	1
80-310420	BCC 400W POWER SUPPLY HEATSINK	1
90-100003	MAINS LEAD '6 AMP'	1
90-300045	BATT.BACKUP LEADS (2	1
90-400013	CE/BBU ALARM LINK LEAD 4 CORE	1
90-600026	HEATSHRINK SLEEVE 4.8mm BLACK%	0
91-500011	PWR 3POLE PNL PLUG SEALED IP68	1
91-500015	PWR CON CAP SEALED with INT. THREAD	2
91-500016	PWR 6POLE PNL PLUG SEALED IP68	1
91-510013	PWR CON CAP SEALED with Ext. THREAD	3
91-510035	3 WAY MATE N LOK PLUG HOUSING	1
91-520032	MATE N LOK SOCKET CONTACT 20/14 AWG	3
91-800015	TRIPLE DECK TERMINAL BLOCK	3
91-800016	TRIPLE DECK TERMINAL JUMPER	3
91-800017	TRIPLE DECK TERMINAL END	1
91-800027	DIN RAIL NON-FUSED TERMINAL BLOCK	7
91-800028	DIN RAIL END-STOP	6
91-800029	DIN RAIL TERMINAL BLOCK PARTITION	4
91-800031	SYMETRIC 35x7.5mm DIN RAIL	1
91-800066	DIN RAIL END COVER	2
93-510081	0R05 50W RESISTOR ALUMINIUM CLAD	2
93-540035	1K3 0.25W 1% RES MRS25 M:F	3
94-030015	IXFN170N10 PWR MOSFET (MINI-BLOC)	1

94-100004	STPS12045TV 60A DUAL DIODE	5
96-000004	38AH 12V S.L.A. BATTERY	4
96-100004	32mm 20A FUSE HOLDER	1
96-100006	FUSE HOLDER ATO IN-LINE	4
96-110015	T 15A A/SURGE FUSE 1.25'	1
96-110042	15A ATO FUSE	4
96-300057	15V 27A PSU 400W (XP BCC)	1
96-700002	LED.GREEN 5mm SEALED IP66	3
96-700005	LED.RED 5mm SEALED IP66	1
96-900018	AC TRIP SWITCH (5 AMP M.C.B.)	2
96-920002	DPDT MINI TOGGLE SWITCH	1
96-920008	PUSH BUTTON SWITCH RED (SPNO)	1
96-920011	PROXIMITY SWITCH	1
96-920012	PROXIMITY SWITCH MAGNET	1
97-100047	LOUVRE VENT PANEL 70mm RAL7035	2
97-300010	C/E SUPPLY INPUT COVER	1
97-400010	BLACK PLASTIC HANDLE 50mm HIGH	2
97-900004	RUBBER FOOT FOR CELL ENHANCERS	4
99-200003	WARNING LABELS DISCONNECT MAINS	2
99-200008	DANGER HIGH VOLTAGE LABEL 2x2'	1
99-200017	CAUTION HEAVY LABEL 75x55mm	1