

RESTRICTED

AP 101B-0400-3D

SECTION 2

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CHAPTER 2 - Scales of Airborne Radio Installation Fly Away Pack Spares.

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CHAPTER 1

SCALES OF MECHANICAL, ELECTRICAL AND INSTRUMENT AIRCRAFT SERVICING FAP SPARES

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CANBERRA A/C FAP
APPLICABILITY CHART

SECTION REFERENCE	PART NUMBER	DESCRIPTION	D of Q	Fly Away Pack					QUANTITY ABATED BY TRS		Applicability					
				4 AE	6 AE	10AE						PR 7	PR 9		T 17	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 5CW</u>														
5812		SWITCH Press	Each			2							X			
1057583		SWITCH Mag Relay	Each	1		4						X	X			
1984725		CONTACTOR - 80 Amp	Each		2										X	
4400250		SWITCH - Tail Trim	Each	1	1							X			X	
4400819		SWITCH - Push Button	Each		1										X	
4405089		SWITCH Magnetic	Each	2		2						X	X			
4405150		SWITCH Pressure	Each			4							X			
4408132		SWITCH	Each	2								X				
4664472		SWITCH Push Button	Each			2							X			
9003770		SWITCH Mag Starting	Each			1							X			
9504373		SWITCH Limit	Each	3	3	3						X	X		X	
9994741		RELAY Contactor	Each	2								X				
		<u>SECTION 5CX</u>														
4330151		LAMP - Landing	Each			1							X			
4330541		GRIMES Beacon	Each	1											X	
		<u>SECTION 5CY</u>														
4376067		CIRCUIT Breaker	Each	1								X				

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 5CZ</u>														
1044707		FLASHER Unit	Each	2								X				
4335599		BOX Relay	Each			1			1				X			
4335643		BOX Relay	Each			1			1				X			
4335751		AMPLIFIER Unit	Each			1							X			
6201385		CONTROL Box	Each			1			0				X			
		<u>SECTION 5D</u>														
1030031		COUNTER Subtract	Each			3							X			
		<u>SECTION 5J</u>														
1115903		BATTERY Type "K"	Each	4		3						X	X			
6368902		BATTERY	Each			3							X			
9499955		BATTERY Alk	Each	2		3						X	X			
		<u>SECTION 5Q</u>														
4347724		VOLTMETER	Each			1							X			
		<u>SECTION 5UA</u>														
4357528		GENERATOR Eng Dr	Each			1			1				X			
4357530		GENERATOR Eng Dr	Each	2								X				

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 5UB</u>														
4938		INVERTER T.100A	Each	1		4						X	X			
1959028		INVERTER E208	Each	2		1			1			X	X			
4342693		INVERTER T103A	Each	2		3						X	X			
4342895		INVERTER T201B	Each			3							X			
4357518		INVERTER	Each			2			1				X			
		<u>SECTION 5UC</u>														
4395825		CONTROLLER W/S Temp	Each		1											X
1098486		SEQUENCE Unit U.V.	Each		1											X
4375793		FREQUENCY Control	Each		1											X
4379035		REGULATOR Voltage T23	Each		2											X
4379038		REGULATOR Voltage T30	Each		2											X
4379154		PANEL Control T15	Each	2		3						X	X			
4379155		PANEL Control T24	Each			2							X			
4379190		REGULATOR Elect T2B	Each			2							X			
4379290		REGULATOR Volt T111	Each			2							X			
4379340		REGULATOR Volt T114	Each	3								X				
4396009		CONTROL and Protection Unit	Each		1											X
6369631		PANEL Control T12	Each			4							X			

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 6A</u>														
3119		INDICATOR (Zero Reader)	Each	1								X				
3953		INDICATOR Turn/Slip Mk 2A	Each	2	1							X			X	
5546		INDICATOR Turn/Slip Mk 3	Each			3							X			
1054258		TACHOMETER Eng Speed	Each			3							X			
1146374		ALTIMETER HT Enod*g	Each			2							X			
1178082		TOTAL Head Thermometer	Each			1			1				X			
4327991		METER Fatigue 16B	Each	1								X				
4332835		THERMOMETER Exh Gas:	Each	2								X				
4332846		SWITCH - Diff:	Each	4		5						X	X			
4333074		GAUGE Oil Press	Each	2								X				
4333096		AMPLIFIER - Type FAF	Each	4		6						X	X			
4333117		TANK Unit	Each			2							X			
4333137		TANK Unit	Each			3							X			
4333139		TANK Unit	Each			2							X			
4333288		INDICATOR - Air Speed	Each	2		2						X	X			
4333387		INDICATOR - Type "A"	Each			3							X			
4333477		GAUGE Fuel Contents	Each			2							X			

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 6A (Contd)</u>														
4333478		GAUGE Fuel Contents	Each			2							X			
4337742		INDICATOR Air Speed	Each	2		4						X	X			
4337745		POTENTIOMETER	Each			5							X			
4337780		ACCELEROMETER 2A	Each			1							X			
4337784		SWITCH Diff:	Each			2							X			
4337790		TANK Unit	Each			3							X			
4337791		TANK Unit	Each			3							X			
4337792		TANK Unit	Each			3							X			
4337996		INDICATOR Pos'n A/brake	Each			3							X			
4338176		HORIZON Gyro Mk 4A	Each			2							X			
4338244		MACH Meter Mk 2A	Each			1			1				X			
4338320		GYRO Unit ART Horizon	Each		1										X	
4338608		INDICATOR Pos'n Flap	Each			1							X			
4339155		INDICATOR ROC	Each	1		1			1			X	X			
4676147		GENERATOR Tachometer	Each		1										X	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 6A (Contd)</u>														
4676148		TACHOMETER Eng Speed	Each	2	1							X			X	
4685862		GAUGE - Exh Gas	Each	1								X				
6201976		ALTIMETER Encoding	Each	2	1	2						X	X		X	
6203321		PRESSURE Error Correction Unit	Each			2			1				X			
6203323		CORRECTION Module	Each			2			0				X			
6206302		ALTIMETER Encoding Mk 30B	Each	1								X				
6426683		RPI Power Unit	Each			1			0				X			
6426686		REMOTE Pilot Indicator	Each			1			1				X			
		<u>SECTION 6B</u>														
408		PANEL Control Type A	Each			2							X			
1048857		COMPASS T E2B	Each	1		3						X	X			
4343585		INDICATOR Airmileage	Each	2								X				
4343636		AIR Mileage Unit	Each	1								X				
4343640		GYRO Compass 4B	Each	2		4						X	X			
4343641		AMPLIFIER T 'B'	Each	2		3						X	X			
4343645		AMPLIFIER GPI	Each	1								X				
4343814		DETECTOR Unit	Each	1		2						X	X			
4351990		REMOTE Corrector	Each			1			1				X			
4352094		INDICATOR-MASTER Compass	Each	2								X				
6349771		INDICATOR GP Mk4A	Each	2								X				
6491428		TANS Computer	Each			4			0				X			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 6D</u>														
2242918		REGULATOR Oxygen	Each			2							X			
1039710		REGULATOR Oxygen	Each	1								X				
2243028		EMERGENCY Oxygen Set	Each	1								X				
2242889		EMERGENCY Oxygen Cylinder	Each			1							X			
2242883		CYLINDER Oxygen Emerg	Each			1							X			
		<u>SECTION 6G</u>														
6508389		ELECTRONICS Unit	Each			4			1				X			
6508390		PLATFORM Control Unit	Each			2			1				X			
6510648		GYRO Reference Unit	Each			3			1				X			
		<u>SECTION 10AF</u>														
2007872		COUNTER Elect	Each			1							X			

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1955968		<u>SECTION 10AQ</u> COOLANT Cables	Each		1										X	
1955970		COOLANT Cables	Each		1										X	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
6215082		<u>SECTION 10K</u> FAN Assy	Each			2							X			

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 26FZ</u>														
1648		VALVE Air Relief	Each			2							X			
14928		TANK	Each			2							X			
14943		TANK	Each			2							X			
30320		COCK Multi-Inflation	Each			3							X			
32265		AERIAL Group	Each			2							X			
34781		WINDOW	Each	1	1							X			X	
43049		LOGIC Unit	Each		2										X	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 27A</u>														
6478423		COVER Outer	Each		2											X
7166215		COVER Outer	Each		2											X
1450713		WHEEL Main	Each			4							X			
4560291		WHEEL Nose	Each		2	4							X			X
4560430		WHEEL Main	Each		2											X
		<u>SECTION 27B</u>														
4557451		FILTER Hydraulic	Each	1								X				
		<u>SECTION 27F</u>														
4526771		VALVE Non Ret	Each	1								X				
		<u>SECTION 27G</u>														
4617714		MAXARET Unit	Each	1		2						X	X			
4617715		MAXARET Unit	Each	1		1						X	X			
4618240		BRAKE Unit (Port)	Each		1											X
4618241		BRAKE Unit (Stbd)	Each		1											X
4618243		BRAKE Unit (Port)	Each	2		1						X	X			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 27G (CONTD)</u>														
4618244		BRAKE Unit (Stbd)	Each	2		1						X	X			
4618425		PLATE Friction	Each			2							X			
		<u>SECTION 27J</u>														
4542964		HANDLE Control	Each			4							X			
		<u>SECTION 27KD</u>														
4631280		CONSTANT Press Controller	Each			1							X			
4631292		VALVE Unit	Each			1							X			
4631299		VALVE Press Cont	Each	1								X				
		<u>SECTION 27KF</u>														
4542582		JACK Aileron	Each			3							X			
		<u>SECTION 27M</u>														
4600790		VALVE Cut Out	Each		1										X	
4600791		VALVE Cut Out	Each	2								X				
9153489		ACCUMULATOR Hydraulic	Each	2								X				

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 27N</u>														
4526545		CRASH Trip Element	Each			5							X			
1042111		EXTINGUISHER Type 34H	Each	1								X				
4526464		SWITCH Inertia Piston	Each	2								X				
4526592		UNIT Fire Detecting Presetting	Each	2								X				
		<u>SECTION 27QM</u>														
1491885		STRUT	Each	1		3						X	X			
4143196		VALVE Sequence GRP	Each			1							X			
4143452		JACK Bomb Door Front	Each			1							X			
4143397		RESERVOIR Port	Each			2							X			
4143189		VALVE Sequence N/W Door	Each	1								X				
4143561		JACK Operating Flap	Each	1								X				
4143591		JACK Nose U/C Door	Each	1								X				
4143637		JACK Nose Wheel	Each	1								X				
		<u>SECTION 27UA</u>														
4612059		VALVE Control	Each			3							X			
4612073		VALVE Control 2A	Each			1							X			
4612829		COLD Air Unit	Each		1											X
6341307		COLD Air Unit Acre 9 Mk 10E	Each			2							X			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		<u>SECTION 27V</u>														
4604705		VALVE Pressurisation	Each			1							X			
4604722		VALVE Hot Air Control	Each			2							X			
		<u>SECTION 27VA</u>														
6457372		CYLINDER Master Port	Each			3							X			
4625959		CYLINDER Master Stbd	Each			3							X			
		<u>SECTION 27Z</u>														
4420704		PUMP Hand Duplex	Each			3							X			
		<u>SECTION 36LL</u>														
6477256		PUMP Fuel Lower	Each		1											X
6477257		PUMP Fuel Upper	Each		1											X
		<u>SECTION 36VV</u>														
8578		PUMP Governor	Each		1											X
21965		RAM Operating Ignition	Each	1								X				
22929		FUEL Control Unit	Each		1											X
22946		ACU and Metering Block	Each		1											X
22947		ACU	Each	1								X				
24196		AIR Control Unit	Each	2								X				
6104782		RAM Operating Assy	Each		1											X

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4387626 OR) 4387755)		<u>SECTION 37A</u>														
		HIGH Energy ignition unit BTH or high energy ignition unit Rotax	Each	2	2	3						X	X		X	
		<u>SECTION 37F</u>														
4380011	CK 12938	STARTER IPN	Each			1							X			
6082313	700/1/12170	CONTROL Unit Mk 8A	Each			6							X			
4380018	7CZ 75700	IGNITION Unit Mk 8	Each			3							X			
4380036	CK 18434	PUMP Blower and Motor Unit	Each			3							X			
4380037	CK 18433	HP Switch and Solenoid Valve Assy	Each			5							X			
4380038	CK 11802	IGNITION Switch	Each			5							X			
4381308	CX 167942	BREECH Cap	Each	1								X				
4382141	GP 11010A	TURBO Starter	Each		1										X	
4382158	BA 96538	CAP Breech	Each		2										X	
		<u>SECTION 37J</u>														
1022913		PUMP Hydraulic Mk 9 Series 1	Each	2	1							X			X	
4602595		PUMP Hyd T 190 Mk 27	Each			3			1				X			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4521706		SECTION 37L GEARBOX Turbo	Each		1										X	

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CHAPTER 2

SCALES OF AIRBORNE RADIO INSTALLATION FAP SPARES

NOTE - APPLICABILITY AS CHAPTER 1

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	<u>ARI 5851 - GREEN SATIN</u>															
10D/6196846	ED9/8002	Transceiver TR710	EA			2							x			
10D/9453808	ED9/12118	Computer DAGS	EA		1	2							x		x	
10Q/9453807	ED9/12123	Indicator Ground Speed/Drift	EA		1	2							x		x	
	<u>ARI 5877 - RADIO COMPASS AD722</u>															
10D/4307190	ED9/13575	QE Corrections	EA			1							x			
10L/4418805	ED9/13442	Control Unit 8283	EA			1							x			
10Q/4418791	ED9/14072	Indicator 9552	EA	1								x				
10U/4307199	ED9/13682	Amplifier 8281	EA			1							x			
10U/4307201		Amplifier 8282	EA			1							x			
	<u>ARI 5972 - DOPPLER 72</u>															
10D/1124924	C/RL/286/R Assy A	Transceiver	EA	1								x				
10D/6390859	ED9/14072	TX/RX Antennae	EA			3							x			
10Q/6181078	B/RL/AR/297/2	Indicator Ground Speed/Drift	EA	1								x				
10Q/6181785	D/RL/AIR/324 15A	Indicator Decca Control	EA	1								x				
10Q/6391163		Indicator Ground Speed/Drift	EA			1							x			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	<u>ARI 18011 - MILITARY ILS</u>															
100/6352825	3-LRU-86FF	Receiver R1965	EA	2		2						x	x			
100/6352827	3-LRU-86EE	Receiver R1964	EA	2		1						x	x			
10L/1704227	1-LU-82E	Control Unit 705	EA	1	1							x	x			
10Q/4049193	RC7003-46A	Indicator Type 7	EA	1		1						x	x			
	<u>ARI 18089 - INTERCOMM SWITCH</u>															
10L/4706907	WTD 140835	Control Unit 7681	EA	2								x				
10U/2237295	WTD 2110 PD	Amplifier A1961M	EA	2		2						x	x			
	<u>ARI 18107 - TACAN</u>															
10AJ/4306051	395-LRU-70B	Mounting Tray	EA			1							x			
10D/4280416	WT/D 143220	Coupling Unit	EA		1	3							x		x	
10L/2238183	1-LRU-164A	Control Unit Type 7750	EA			1							x			
10Q/4280389	WT/D 14373	Indicator 9547	EA			2							x			
110D/6914896	80Z00000074-1	Transceiver RT220C/ARN21	EA			5							x			
	<u>ARI 18124 - AN - ARC 52</u>															
10D/9428542	630/8/05457	Transceiver ARC 52	EA		2								x			

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	<u>ARI 18207 - CVV TRANSMITTER</u>															
100/9528210	X13919	Transmitter Repeater	EA		1											x
10L/9528309		Control Unit 13920	EA		1											x
	<u>ARI 23016/21 - AD 7092D</u>															
10B/4306005	W25140	Aerial Loop I-324A	EA	1								x				
10D/4306039		Receiver AD 7092D	EA	3								x				
10L/4306006	W25142	Control Unit	EA	1								x				
	<u>ARI 23057</u>															
10D/6523788		Transceiver	EA			1								x		
	<u>ARI 23090 - COLLINS 618</u>															
10B/2222687	Z5017	Mast Aerial 69	EA			2									x	
10B/9565641	8 - 1	Tension Unit	EA	1		2						x		x		
10U/9148956	W109/1605	Amp/Mic UA6002	EA			2						x		x		
110B/9397495	522-3443-000	ATU	EA	2		3						x		x		
110D/6043307	522-1660-000	Transceiver 618T-3	EA	1		1						x		x		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	<u>ARI 23099 - INTERCOMM UA60S</u>															
10AD/9452673	D47224-004-0	Junction Box	EA			1							X			
10D/1070298	X130-2063	Station Box	EA		1										X	
10D/1076740	47243-010-0	Panel Position	EA			1							X			
10U/9452674	130-1168-1F	Station Box	EA			2							X			
10U/9452676	W109-1393-4	Amp Audio	EA			1							X			
	<u>ARI 23117/23118 - AD160/260 VHF/ILS/VOR</u>															
10D/9704801	W1040504	Transmitter	EA		1										X	
10D/9704803	W104055	Receiver VHF	EA		1										X	
	<u>ARI 23134 - IFF/SSR 1500/SSR 1600</u>															
10D/9563378	D/GA81441	Transponder Type 1520	EA	2	1							X			X	
10L/9563379	D/GA81450	Control Unit Type 1503	EA	1		2						X	X			
	<u>ARI 23143 - PTR 175</u>															
10AD/9326361	CP191999	Interconnection Box	EA			2							X			
10D/9711781	640/1/03492	Transceiver PTR 175	EA	2		6						X	X			
10L/1070030		Control Unit C1607/7	EA			2							X			
10L/9455739	640/1/02600	Control Unit C1607/4	EA	2		2						X	X			

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100/9528931-0	ARI 23159 - UHF STAND BY D403M D46777-001	Transceiver	EA	2								x				
1100/35439	ARI 23165 - X BAND JAMMER	TXJS 603	EA		2											x
1100/35440		RX JS 603	EA		2											x
1100/35441		Power Supply	EA		2											x
1100/35448		Ferrite Modulator	EA		2											x
1100/35449		TXT 915 Alt 21	EA		3											x
1100/38585		Delay Line	EA		1											x
1100/7836263	T782	TXT 782 Alt 15	EA		1											x
110F/0688089	R30-9084-50	Switch	EA		1											x
110K/35444		Deception Generator	EA		2											x
110K/7836259	PP2679	Power Supply Alt 15	EA		1											x
110L 35442		Control Unit 603	EA		2											x
110L 35443		Control Unit Modulator	EA		2											x
110L 35453		Control Indicator	EA		3											x
110L 7836260	C-3324	Control Unit Alt 15	EA		1											x
110V 35451		Oscillator 1104	EA		1											x
110V 35452		Oscillator 1279	EA		1											x
110V 9454294		Aerial 'S' Band	EA		1											x

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
110V 9454295	<u>ARI 23165 - (Contd)</u>	Aerial 'L' Band	EA		1										x	
110D 4695100	<u>ARI 23166 - J OR G BAND JAMMER</u> 51143	Transmitter	EA		1										x	
10D/6460986	<u>ARI 23172 - RAD ALT 7B</u> 30/LRU/17D	Transceiver Radar	EA			1							x			
110Q/1178696	<u>ARI 23238 - MDE/AVQ 75</u> M1-591085-8	Indicator	EA	1								x				
10AC/6267142	<u>ARI 23247 - ILS/VOR</u> RVA 671M-1	Adaptor	EA	1								x				
10D/6395428	<u>ARI 23286 - AD120</u> AA 1201-2	Transceiver	EA		2										x	
10L/6392496	AA 1202-2	Control Unit	EA		2										x	

RESTRICTED

CANBERRA

SECTION 2 CHAPTER 2

SEE SHEET NO 52 FOR COLUMN HEADINGS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	<u>ARI 23301/3 - AD120 (ASR 889)</u>															
10AJ/6499755	630-1-37848-001	Mounting Tray PV1748B	EA		1											x
10D/6466595	630-1-37851-018	Transceiver PTR 1751W	EA		2											x
10D/6520258	630-1-37846-001	Interface PV1746B	EA		1											x
10L/6490317	630-1-37854-01	Control Unit PV1754L	EA		2											x

