

30 MU Recommended Range of Spares		Service Title: Inverter Type 100B					Issue No:4									
Name of Contractor Rotax Ltd, Willesden, London NW10		Contractors NATO CODE NO					Date: Oct 73									
ITEM NO	1. Management Code and RAF Vocab Section and RAF Number 2. NATO Stock Number	1. Manufacturers name for item description and part/drawing number 2. NATO item name and description							Bought out items 1. Makers NATO Code 2. Part No or Specification	Usage Code	Remarks *HAZ CHEM Refer GS Note	NO OFF PER SUB ASSY	Total Per Equip	1. Class of Store 2. Denom of Qty 3. Prim Pack Qty	Recommended Spares to Service 100 Machines	
		IDENTIFICATION														
(a)	(b)	1	2	3	4	5	6	7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
	SUB/4935	Inverter Type 100B							S2902			Pre Mod B611				

Issued with AL23

ANNEX 'A' TO MWS SERIAL NO 30MU/1201-164										ISSUE NO 4
(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	
1	5CY/7001364	Capacitor, Type 'A' No 7	0.75uF 150VDC				2	C Ea	10	
2	5K/9011401	Sleeves, Marking, 4mm No 2					3	C Ea	300	
3	5K/9011400	Sleeves, Marking, 4mm No 3					3	C Ea	300	
4	5K/9011399	Sleeves, Marking, 4mm No 5					3	C Ea	300	
5	5K/9011398	Sleeves, Marking, 4mm No 6					3	C Ea	300	
6	5K/9011397	Sleeves, Marking, 4mm No 7					3	C Ea	300	
7	5K/9011396	Sleeves, Marking, 4mm No 8					3	C Ea	300	
8	5K/9107130	Sleeves, Marking, 4mm No 4					3	C Ea	300	
9	5K/9107312	Sleeves, Marking, 4mm 'I'					3	C Ea	300	

Sheet No 2

(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
10	5UB/4342282	Washer, 'THACKRAY'	N44761-7				2	C Ea	20
11	5UA/1286804	Screw	NK517-L				4	C Ea	10
12	5UB/4342272	Washer	N24038/2				4	C Ea	10
13	5K/4329280	Grommet	AGS 1696-9				1	C Ea	50
14	28W/9436805	Washer 2BA	SP 11/C N42536				2	C Ea	20
15	2A/9500046	Bearing, Ball, Skefco R7	N59499				2	C Ea	200
16	5UB/4342259	Discs, Perforated Screen (AC End)	N43789				1	C Ea	5
17	5UB/4342260	Circlip, Securing, Screen (AC End)	N43790				1	C Ea	100
18	5UB/4342261	Rectifier	N44680/1				1	A Ea	60

(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
19	5UB/4342264	Spring, Brush, AC	N43797				6	C Ea	600
20	5UB/4342275	Brush Gear Assembly	N43760/1				1	C Ea	5
21	5UB/4342276	Trigger, Brush Spring DC	N91608				4	C Ea	20
22	5UB/4342278	Pins, Split, Retaining DC Brush Spring	16031-19				4	C Ea	400
23	5UB/4342279	Washer, Plain 4BA	N20848				2	C Ea	20
24	5UB/1279191	Screw, Brass, ch hd 6BA	NK508-F				6	C Ea	60
25	28W/4661737	Washer, Phosphor Bronze 6BA					20	C Ea	400
26	5UB/6504287	Moulding, Brush-Box AC	N44716				2	C Ea	10
27	5UB/4342286	Clips, Brush AC	N44641				6	C Ea	30

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(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
28	SUB/4342287	Pins, Retaining AC Brush Spring N44640					6	C Ea	170
29	SUB/4342288	Jumping Wire Assemblies, AC End N43827/1					1	C Ea	5
30	SUB/4342289	Jumping Wire Assemblies, AC End N43827/2					1	C Ea	5
31	SUB/4342290	Jumping Wire Assemblies, AC End N43827/3					1	C Ea	5
32	SUB/4342293	Shims, Brush Box Houlding AC N46221					A/R	C Ea	5
33	SUB/1286800	Screw, Brass ch hd 6DA NK 514-F					6	C Ea	60
34	SUB/4380873	Tags, Terminal N27592/1					8	C Ea	80
35	SUB/4342296	Frame Assembly (CE) N45261					1	B Ea	5
36	28S/1005545	Screw, ch hd 4BA ½ inch lg. NK 725-L					4	C Ea	20

(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
37	5UB/4342298	Washer, Plain, Retaining DC End Bearing N76183					1	C Ea	10
38	5UB/4342299	Washers, Spring, Screw Retaining, DC End Bearing	8921-12				1	C Ea	20
39	28S/6131731	Screw, Retaining DC End Bearing NK 717-L					1	C Ea	10
40	5UB/4342300	Caps, Bearing, DC End N44746					1	C Ea	5
41	5UB/4342301	Cover, DC End N43778					1	C Ea	5
42	5UB/1286269	Drawbolts, 2BA N45285					2	C Ea	10
43	5UB/4342303	Cap Bearing AC End Outer N44749					1	C Ea	5
44	5UB/6507731	Fan Assembly N43786/1					1	C Ea	5
45	28W/9419136	Lockwasher, Tab, Fan Nut N23539/5					1	C Ea	100

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(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
46	SUB/4342304	Nuts, Armature, Securing Fan	NK10031-L				1	C Ea	10
47	SUB/4342305	Straps, Window Assembly, Complete	N44685				1	A Ea	5
48	SUB/1286489	Screws, Grub, Inverter Cradle	N27108				2	C Ea	10
49	SUB/4342306	Studs, Regulator	N44670/1				1	C Ea	5
50	SUB/4342307	Washer, Plain, Regulator Securing Stud	N43739				A/R	C Ea	10
51	SUB/4342309	Plates, Cover, Regulator	N45264				2	C Ea	10
52	5CW/1286809	Screws, ch hd 6HA	NK 519-L				16	C Ea	160
53	SUB/4342310	Plugs, 2 Pin (Upper)	N92107/2				1	C Ea	5
54	SUB/4342311	Covers, Suppressor Box Assembly	N45289				1	C Ea	5

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(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
55	5UB/4342312	Brackets, Rectifier Mounting	N45276				1	C Ea	5
56	29C/1206041	Washers, Shakeproof, 4BA	N62491				6	C Ea	600
57	5UB/4343137	Caps, Nut	N45277/1				1	C Ea	5
58	5UB/4342313	Covers, Regulator	N45268				1	B Ea	5
59	5UB/1286803	Screws, Securing, Regulator Cover	NK515-L				4	C Ea	40
60	5UB/5354	Washer, Shakeproof 6BA	N553026				5	C Ea	500
61	5UB/4342328	Plates, Covers Assy, Shunt Reg Resistor	N45453				1	C Ea	5
62	5UB/6504288	Brushes, Carbon DC c/w Flex and Tag	N125843				4	C Ea	400
63	5UB/5959	Brushes, Carbon AC	N125844				6	C Ea	600

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(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
64	5UB/9008293	Screw ch hd 6BA	NK509L				3	C Ea	60
65	5UB/4342379	Resistor, Shunt Regulator	ZA4801/1				1	C Ea	40
66	5UB/4342392	Armature c/w Fan	N44743/1				1	A Ea	40
67	5UB/4342496	Spring, Brush DC	N45193/1				4	C Ea	400
68	5UB/1279192	Screw, Captive, Window Strap	N113810				1	C Ea	10
69	5UB/4342500	Resistor, Variable, Trimmer	N44683/1				1	C Ea	40
70	5UB/1286801	Screw, Brass, ch hd 6BA	NK510-F				8	C Ea	80
71	5UB/1287928	Screw, ch hd 4BA	NK720-D				2	C Ea	20
72	5UB/4342747	Resistors, Regulator (Fixed)	N113593/49				1	C Ea	20

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ISSUE NO 4

(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
73	5UB/4352388	Block Terminal	N64112				1	C Ea	10
74	5UB/1286790	Screw hex hd 2BA x 17/32"	N44386				4	C Ea	20
75	5UC/4379013	Brushes, Insulating c/w Washers (Arm)	250104-1				3	C Ea	30
76	5UC/1050454	Tubes, Pile	250562-1				1	C Ea	10
77	5UC/4379017	Washers, Carbon, Resistance	X4436				1 Set	C Ea	100
78	5UC/4379025	Ferrules, Armature Assemblies	250566-1				1	C Ea	5
79	5UC/1102067	Plugs, Terminal	250565-2				2	C Ea	200
80	36SY/1057470	Ferrules, Adjustable	K186042				1	C Ea	10
81	5UC/4379115	Circlip, Retaining Pile Tube	X1316-1				1	C Ea	10

Sheet No 10

ANNEX 'A' TO MWS SERIAL NO 30MU/1201-164										ISSUE NO 4						
(a)	1	2	3	4	5	6	7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	
82	5UC/4379125	Regulator, Carbon Pile, (Type 1046)					N44679							1	C Ea	5
83	5UC/4379170	Bushes, Insulation c/w Washer, Pile Support 250211-1												2	C Ea	20
84	5X/1017409	Caps, Plug Screening					30-733-301							2	C Ea	200
85	5X/1063516	Plug, 4 Pin, (Lower)					N90030/1		Plessey CZ28091					1	C Ea	5
86	28M/1006504	Nut, Thin 4BA					A27/BT							3	C Ea	30
87	28M/9403518	Nuts, Plain 6BA					A27/AP N10039-L							1	C Ea	10
88	28M/9403519	Nuts, Plain 4BA					A27/BP N10009-L							3	C Ea	30
89	28S/1008152	Screw, Steel ch hd 4BA x 3/16"					A31/B6							2	C Ea	20
90	28S/1200034	Screw, Steel ch hd 4BA x 1/2"					A31/B16							2	C Ea	20

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(a)		1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)			
91	28S/1200036	+++++	Screw, Steel ch hd 4BA x 9/16"	A31/B18				4	C Ea	40			
92	28S/1201448	+++++	Screw, Steel ch hd 4BA x 5/16"	A31/B10				2	C Ea	20			
93	28S/9437020	+++++	Screw, Steel ch hd 2BA x 3/8"	A31/C12				2	C Ea	20			
94	28W/1007983	+++++	Washer, Single Spring 2BA	8921-1				4	C Ea	80			
95	29C/9416651	+++++	Washer, Single Spring 6BA	8921-12				10	C Ea	200			
96	29C/9416652	+++++	Washer, Single Spring 4BA	8921/6				8	C Ea	160			
97	28W/1006946	+++++	Washers, Shakeproof 2BA	AGS 20351				4	C Ea	400			
98	28W/1009659	+++++	Washers, St Stl 6BA	SP11/A				8	C Ea	80			
99	28W/1200073	+++++	Washers, Steel 4BA	SP23/B				2	C Ea	20			

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ISSUE NO 4

(a)	1 2 3 4 5 6 7	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
100	28W/9132080	Washers, St Stl 4BA	SP11/B				8	C Ea	80
101	SUB/4664853	Cap, Nut, Domed 4BA	N44753			1	1	C Ea	5
102	5UC/1068464	Spring Assy Armature			Part of item 82 Reg 1046	1	1	C Ea	60
103	SUB/6504784	Shim, Bearing (DC End) 0.002 inch	N44745/1					C Ea	10
104	SUB/6504785	Shim, Bearing (DC End) 0.004 inch	N44745/2					C Ea	10
105	SUB/6504786	Shim, Bearing (DC End) 0.012 inch	N44745/3					C Ea	10
106	5UA/1109821	Washer Spring 6BA	N1380			4	4	C Ea	20
107	5UA/4354773	Washer 4BA	N75504			6	6	C Ea	60
								C Ea	

MATERIAL

ANNEX 'A' TO MWS SERIAL NO 30MU/SC/ 105805

ISSUE NO 4

SER NO	REFERENCE NO	DESCRIPTION	REMARKS	Material for 100		Class of Store	Refer to General Servicing Notes
				QTY	DoFQ		
M1	5E/4184	Cable Uninyvin 18A		25	mtrs	C	
M2	5E/4186	Cable Uninyvin 14A		10	mtrs	C	
M3	5F/4349950	Sleeving Vidaflex 555 5mm Red		2	mtrs	C	
M4	5F/NIV/18264	Tape Tri-M-Ite P150 (Coarse)		1	roll	C	
M5	5F/4341997	Tape, Tissue, Double Sided		1	roll	C	
M6	30A/9437135	Wire Locking 22 SWG		1	Kg	C	
M7	30B/9105043	Solder Resin Cored		1	Kg	C	* 7
M8	32B/1013668	Tape Adhesive Transparent		2	roll	C	
M9	32B/1250398	Cloths Cleaning		100	ea	C	
M10	32B/9433238	Tape Unclng 2"		3	roll	C	
M11	33D/2201949	Trichloroethane		25	cont	C	* 8
M12	33B/2202088	Varnish, Electrical, Insulating ($\frac{1}{2}$ pint)		1	cont	C	* 9
M13	33B/9428917	Varnish, Anti-Track, Red ($\frac{1}{2}$ pint)		1	cont	C	* 10
M14	33C/2244718	Lacquer, Opaque White		1	cont	C	* 11
M15	33B/9433454	Varnish, Insulating Electrical		2	500ml	C	* 12
M16	34B/2241793	Grease XG 287		5	tube	C	* 13
M17	33J/1293939	Crocus Paper P320C		25	sheet	C	
M18	34D/2200985	Spirit Methylated		25	can	C	* 14
M19	34D/9431224	Oil OM 13		25	can	C	* 13
M20	33D/2204018	Arklone 'P'		1/11	cont	C	* 15

*Hazardous Chemical

SHEET NO 14

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MATERIAL

ANNEX A TO MWS SERIAL NO 30MU/1201-164 ISSUE NO 4

Ser No	Reference No	Description	Remarks	Material for 100		Class of Store	Refer to General Servicing Note:
				Qty	D of Q		
M21	33D/506	Arklone 'W'		A/R	Cont	C	*16
M22	32B/1255289	Adhesive Tape		2	Roll	C	
M23	5F/NIV/18265	Tape Tri-M-Ite P240 (Fine)		2	Roll	C	
M24	1201-164	Protective Packaging		100	Ea	C	

* HAS

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