



ARMY
CODE No.

14542

57
Vocabulary
7310

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Vocabulary of Army Ordnance Stores

SECTION Z 3

RADAR EQUIPMENT
AND
ASSOCIATED STORES

1965

(Supersedes Code No. 12942)

By Command of the Defence Council.

A handwritten signature in black ink, appearing to read 'Henry [unclear] [unclear]'. The signature is written in a cursive style.

MINISTRY OF DEFENCE

MAY, 1965

RESTRICTED

VOCABULARY OF ARMY ORDNANCE STORES - SECTION 23

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ABBREVIATIONS

crt.	Cathode ray tube
c/s	Cycles per second
F.A.	Field Artillery
H.S.	High speed
I.F.F.	Identification friend or foe
kVA	Kilovolt-ampere
L.S.	Low speed
Mc/s	Megacycles per second
M.C.W.	Modulated continuous wave
P.P.I.	Plan position indicator
R F	Radio frequency
R.P.M.	Revolutions per minute
S.C.R.	Signal Corps radio (U.S.A.)
S.L.	Searchlight
u-sec.	Microsecond
W.T.	Wireless telegraphy or telephone
I.F.	Intermediate frequency

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SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z3/ZC 32408	EQUIPMENT, Acquisition, radar target, A.A., remote, Mk. 1	<p>Transportable equipment for providing target acquisition data to fire control radar displaced up to 12,000 yds, from the tactical control radar. Comprising a console type slave P.P.I. display, installed in or up to 100 yds, from the tactical control radar, with a data transmitter. The data transmitter converts normal magstrip acquisition data into a binary code which is passed via a land line or a radio link to a receiver in the fire control radar. This receiver, which is part of the Equipment, acquisition, Radar target, A.A., remote, Mk. 1 decodes and converts the binary data to magstrip information for putting the fire control radar on target. This equipment can be used with Radar, A.A., No. 4, Mk. 7. This tactical control radar is thus able to control and supply acquisition data to two fire control radars</p> <p>Comprising:- Adjacent display units, Radar, No. 1, Mk. 1 Boxes, junction, adjacent display</p> <p>Boxes, junction, data receiver Receivers, digital and data decoder units, No. 1, Mk. 1 Switching units, line/radio, No. 1 Switching units, line/radio, No. 2</p> <p>Power requirements:- 230/240 V., 50 c/s, single phase, 1 kVA (within limits of ± 5 per cent for both voltage and frequency). Normally obtained from parent radar</p> <p>Dimensions:-</p> <p>Transmitter console:- Length 2 ft. 9 in. Height 5 ft. 1 in. Width 3 ft. 6 in.</p> <p>Switching unit and spares box; each - Length 1 ft. 8.1/2 in. Height 1 ft. 10.3/4 in. Width 1 ft. 5.1/2 in.</p> <p>Receiver: 5 cased units and spares box; each - Length 1 ft. 8.1/2 in. Height 1 ft. 10.3/4 in. Width 1 ft. 5.1/2 in.</p> <p>Junction boxes; each - Height 7.3/8 in. Diameter 9.7/16 in.</p> <p>Weight 14 cwt.</p>	11699

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z3/1285-99-900-6735	EQUIPMENT, RADAR, A.A., NO. 3, MK. 7	<p>Lightweight Comprising:- Cabins, Radar, No. 12 or No. 12A (Mounted on 3-ton, 4 wheeled trailer) Monitor units, No. 7 Paraboloid and mount assemblies, No. 2 Presentation units, Radar, No. 12 Refrigerator installations No. 2 Refrigerator installations No. 2 Mk. 2 or Temperature control systems, Radar, No. 1 Provides continuous data of range bearing and elevation, each with automatic or manual following Frequency:- 3,000-3,100 Mc/s. Power and type of output:- Transmitter peak power 200-kW for 0.5 u-sec. pulses Recurrence frequency 1,500 c/s. Power requirements:- 230 V., 50-c/s., 3-phase A.C. delta connected Consumptions:- 10 kW.A</p>	12501 6950 10464 6860
Z3/5840-99-900-6736	EQUIPMENT, RADAR, A.A., NO. 3, MK. 7(F)	<p>Presentation of data:- Range: type M display Bearings:- P.P.I. and magslip pointer Elevations:- Magslip pointer Transmission of data:- By high speed and low speed magslips</p> <p>Z3/1285-99-900-6735 modified with Work Planning Instruction BWC/35/ Radar 93, Pt. 3</p>	12814
Z3/5840-99-900-6737	EQUIPMENT, RADAR, A.A., NO. 4, MK. 7	<p>Fully tropicalized and air conditioned mobile equipment. Facilities are provided for operating with equipment, acquisition, radar target, A.A., remote, Mk. 1</p> <p>Comprising:- Aerial assemblies, radar, No. 21 Air conditioning unit, motor driven, 400/515-V., 3 phase, 50-c/s, 36,000 B.Th.U./hr. (International Refrigerator) (W18/4120-99-943-2874) Cabins, radar, A.A., No. 4, Mk. 7 on trailer 10 ton, 8 wheeled, Metro-Vickers F.2803A Compressors, air 0.4 c.f.m./30 p.s.i. Hymatic D.P. 4 M.D., A.C., 415 V-3-50, stationery (W2/ZC 31852) Cooler, liquid, electron valve, (W18/5840-99-943-2510) Generating Sets, A.C., 27.1/2 kVA, 415/240 V., 3 phase, 50 c/s., No. 1, Mk. 1 (X2/XB 18097)</p>	12387 10887 12452 10599

SECTION Z3

Cat No	Item name or designation	Item description or detail	I P L Code No
EQUIPMENT, RADAR, A A , NO 4 MK 7 - continued	Continued detail for Cat No Z3/5840-99 900-6737 or 415/240 V 3 phase, 50 c/s, No 1, Mk 1/1 (X2/XB 18758) or 415/240 V , 208/120V , 3 phase 50/60 c/s . No 1 Mk 1 (X2/XB 18958) or Generator Set, Diesel engine 415/240 V , 3 phase, 50 c/s , No 1, Mk 1 trailer mounted, No 1 (X2/6115 99-900-6766) Panels, input and distribution, No 1 Presentation units radar, No 13 Transmitter units, radar, No 1 Waveguide and head amplifier units, No 1 Frequency: Radiating S band Power and type of output: Transmitter peak power 1 MW for 1 25 u sec pulses Recurrence frequency: 1024 c/ (Crystal controlled),	10691 10691	

Z3/5840-99-900-6738	EQUIPMENT RADAR, A A , NO 4, MK 7/1	or 750 c/s (counted down from F C radar) or 900-1000 c/s (variable) Power requirements: <40 V , 50 c/s , 3 phase (4 wire) normally supplied by 27 1/2 kVA, generating set The equipment can also be operated from public supply Consumption: Up to 22 kVA Presentation of data P P I display and type A monitor Transmission of data:- Range and bearing: Magslip Elevation: Telephone Dimensions:- <table border="1" data-bbox="751 1361 1310 1480"> <thead> <tr> <th></th> <th>Operational</th> <th>Travelling</th> </tr> </thead> <tbody> <tr> <td>Length</td> <td>24 ft 7 in</td> <td>29 ft 10 in</td> </tr> <tr> <td>Height</td> <td>14 ft 4 in</td> <td>12 ft 7 in</td> </tr> <tr> <td>Width</td> <td>18 ft 0 in</td> <td>9 ft 6 in</td> </tr> <tr> <td>Weight</td> <td colspan="2">16 tons</td> </tr> </tbody> </table>		Operational	Travelling	Length	24 ft 7 in	29 ft 10 in	Height	14 ft 4 in	12 ft 7 in	Width	18 ft 0 in	9 ft 6 in	Weight	16 tons		12870
	Operational	Travelling																
Length	24 ft 7 in	29 ft 10 in																
Height	14 ft 4 in	12 ft 7 in																
Width	18 ft 0 in	9 ft 6 in																
Weight	16 tons																	
Z3/5840-99-900-6739	EQUIPMENT, RADAR, A A , NO 4, MK 7/3	As for Z3/5840-99-900-6737 but with I F F , Mk 10 installed As for Z3/5840-99 900-6738, but with M T I installed	13175															

SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.															
EQUIPMENT, RADAR, A.A., NO.4 MK. 7 - continued	<p>Continued detail for Cat. No. Z3/5840-99-900-6737</p> <p>or</p> <p>415/240 V., 3 phase, 50 c/s, No. 1, Mk. 1/1 (X2/XB 18758)</p> <p>or</p> <p>415/240 V., 208/120V., 3 phase, 50/60 c/s., No. 1, Mk. 1 (X2/XB 18958)</p> <p>or</p> <p>Generator Set, Diesel engine 415/240 V., 3 phase, 50 c/s., No. 1, Mk. 1 trailer mounted, No. 1 (X2/6115-99-900-6766)</p> <p>Panels, input and distribution, No. 1</p> <p>Presentation units, radar, No. 13</p> <p>Transmitter units, radar, No. 1</p> <p>Waveguide and head amplifier units, No. 1</p> <p>Frequency:- Radiating "S" band</p> <p>Power and type of output:- Transmitter peak power 1 MW for 1.25 u.sec. pulses</p> <p>Recurrence frequency:- 1024 c/s (Crystal controlled),</p>	10691 10691																
Z3/5840-99-900-6738	EQUIPMENT, RADAR, A.A., NO. 4, MK. 7/1	<p>or</p> <p>750 c/s (counted down from F.C. radar)</p> <p>or</p> <p>900-1000 c/s (variable)</p> <p>Power requirements:- 240 V., 50 c/s., 3 phase (4 wire) normally supplied by 27.1/2 kVA, generating set The equipment can also be operated from public supply</p> <p>Consumption: Up to 22 kVA</p> <p>Presentation of data:- P.P.I. display and type A monitor</p> <p>Transmission of data:- Range and bearing: Magslip Elevation: Telephone</p> <p>Dimensions:-</p> <table border="1" data-bbox="727 1413 1294 1532"> <thead> <tr> <th></th> <th>Operational</th> <th>Travelling</th> </tr> </thead> <tbody> <tr> <td>Length</td> <td>24 ft. 7 in.</td> <td>29 ft. 10 in.</td> </tr> <tr> <td>Height</td> <td>14 ft. 4 in.</td> <td>12 ft. 7 in.</td> </tr> <tr> <td>Width</td> <td>18 ft. 0 in.</td> <td>9 ft. 6 in.</td> </tr> <tr> <td>Weight</td> <td colspan="2">16 tons</td> </tr> </tbody> </table>		Operational	Travelling	Length	24 ft. 7 in.	29 ft. 10 in.	Height	14 ft. 4 in.	12 ft. 7 in.	Width	18 ft. 0 in.	9 ft. 6 in.	Weight	16 tons		12870
	Operational	Travelling																
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Height	14 ft. 4 in.	12 ft. 7 in.																
Width	18 ft. 0 in.	9 ft. 6 in.																
Weight	16 tons																	
Z3/5840-99-900-6739	EQUIPMENT, RADAR, A.A., NO. 4, MK. 7/3	As for Z3/5840-99-900-6738, but with I.F.F., Mk. 10 installed	13175															

SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No												
Z3/1285-99-900-0000	EQUIPMENT, RADAR, A.A., NO. 7 MK. 4	<p>Role: L A.A. fire control</p> <p>A combined acquisition and tracking radar, which supplies an electro-mechanical regenerative tracker and computer with target information. The radar, with the tracker and computer, is mounted on an L.70 trailer</p> <p>Frequency: Operating in "Y" band</p> <p>Power and type of output: Transmitter peak power: 50 kW Recurrence frequency: 3,650 to 4,000 cycles</p> <p>Power requirements:- 200 V., 3 phase, 400 c/s., and 24 V., D.C. Consumption: 1.75 kVA. approx. (Power for the radar is provided by X2/XB 22122, Motor Generator, A.C., input 415 V., 3 phase, 50 c/s., output 7 kVA., 208/120 V., 3 phase 400 c/s., No. 1, Mk. 2, complete with spares. The power for this, and for the remainder of the Fire Control Equipmt., is provided by a Generating Set, 27.5 kVA. (Meadows), No. 1, Mk. 1</p>	12591												
Z3/5840-99-900-3366	EQUIPMENT, RADAR, F.A., NO. 3, MK. 2	<p>Presentation of data: Acquisition (Bearing and Range)-B. scope Tracking (Range)-A. scope (Bearing and Elevation)-F. scope</p> <p>Transmission of data: To tracker by mechanical rotation of three shafts</p> <p>As for Equipmt. Radar, A.A., No. 3, Mk. 7 (Z3/1285-99-900-6735), but modified with the addition of Z3/5840-99-900-3700 Modification Kit, Electronic Equipment, AA/37/124</p>													
Z3/5840-99-900-6740	EQUIPMENT, RADAR, F.A., NO. 8, MK. 1	<p>A lightweight mobile equipmt. for operation in advanced positions for locating hostile mortars. May be used for observing fall of shot from 'own' mortars or directing helicopters to precise position. Mounted on 4 wheeled trailer</p> <p>Frequency: X band</p> <p>Peak radiated power: 100 kW</p> <p>Pulse width 0.25 μ-sec.</p> <p>Power requirements: 3.6 kVA, 200 V, 3 phase, 400 c/s normally obtained from Generating Set, diesel engine, trailer mounted, A.C., 4.5 kVA, 200 V, 3 phase, 400 c/s No. 1, Mk. 1 X2/6115-99-110-2245</p> <p>Presentation: B Type display 5 in. crt.</p> <p>Dimensions:-</p> <table data-bbox="742 1626 1273 1715"> <thead> <tr> <th></th> <th>Operational</th> <th>Mobile</th> </tr> </thead> <tbody> <tr> <td>Length</td> <td>12 ft. 10 in.</td> <td>18 ft 9 in.</td> </tr> <tr> <td>Height</td> <td>9 ft. 6 in.</td> <td>6 ft. 6 in.</td> </tr> <tr> <td>Width</td> <td>6 ft. 6 in.</td> <td>6 ft. 6 in.</td> </tr> </tbody> </table> <p>Weight: 3 tons</p>		Operational	Mobile	Length	12 ft. 10 in.	18 ft 9 in.	Height	9 ft. 6 in.	6 ft. 6 in.	Width	6 ft. 6 in.	6 ft. 6 in.	
	Operational	Mobile													
Length	12 ft. 10 in.	18 ft 9 in.													
Height	9 ft. 6 in.	6 ft. 6 in.													
Width	6 ft. 6 in.	6 ft. 6 in.													

SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z3/5840-99-900-1398	EQUIPMENT, RADAR, F.A., NO. 13, MK. 1	As for Equip. Radar, A.A., No. 3, Mk. 7, but modified for the assessment of the AN/USD-1, Drone Surveillance System	
Z3/ZC 32523	EQUIPMENT, Radar, G.S., No. 1, Mk. 1	<p>Transportable equipment, packed in twelve separate cases</p> <p>Comprisings:-</p> <ul style="list-style-type: none"> Display units, 12 in. crt. No. 1 Mast assemblies, radar, No. 1 Pedestal units, No. 1 Power supply units, input 110 V., D.C. output 500 V.A., 80 V., 1,000-c/s., single phase Receiver units, radar, No. 2 Rectifier sets, input 240/1/50 output 110 V., 15 A., No. 1, Mk. 1/1 Reflector units, radar, No. 1 R.F. head units, No. 1 Scanner unit <p>Frequency:- 9320-9500 Mc/s</p> <p>Power and type of outputs:-</p> <ul style="list-style-type: none"> Transmitter peak power 7-kW for 0.11-0.12 or 0.17-0.20 u-sec. pulses Recurrence frequency 1,000 c/s 	12502
Z3/ZC 27871	RESONATOR EQUIPMENT, Radar testing No. 1, Mk. 1	<p>Power requirements:-</p> <ul style="list-style-type: none"> 230 V., 50 c/s., single phase, or 110 V., D.C. converted to 80 V., 1,000 c/s. (normal source of supply X2/6115-99-900-6929, Generator set A.C., 3.1/2 kVA., 230 V., single phase, 50 c/s., No. 1, Mk. 1/1 trailer mounted) <p>Presentation of data:-</p> <ul style="list-style-type: none"> Range and bearing: P.P.I. display Transmission of data:- Telephone <p>Weight:- Total (including cases) 19 cwt. 2 qrs.</p> <p>A portable instrument containing a high-Q resonant cavity whose natural frequency may be adjusted within limits. When energized at the correct frequency by the output of a radar transmitter, the cavity re-radiates the electrical energy for some time after the transmitter cycle has been completed. The duration of the "ringing time" is a measure of the transmitter, however, resonance is indicated by a micrometer</p> <p>Comprisings:-</p> <ul style="list-style-type: none"> Cases, metal resonator, equipment, with detachable lid Clamp assemblies, polyrod, 10.7/16 in. x 3.3/16 in. overall Compound, Styrex, P.D. 46E 	10587 2983

SECTION Z3

Cat No	Item name or designation	Item description or detail	I S P L Code No
	RESONATOR EQUIPMENT, Radar testing No 1, Mk 1 - continued	Continued detail for Cat. No. Z3/ZC 27871 Connectors, radar, 3-yds long, No 2 Connectors, radar, 11-yds long, No. 1 Crystal unit assemblies, No 1 Input unit assemblies Meter box assemblies, No 1 Polyrod and holder assemblies, 16 3/4 in x 4 1/8 in overall Resonators, cavity, radar testing, No 1 Frequency:- 2,725 to 3,125 Mc/s Dimensions:- Resonator: 13 in x 7 1/2 in x 7 1/2 in Meter box: 4 3/4 in x 6 1/8 in. x 5 1/2 in Transit-case: 25 3/4 in x 15 3/8 in x 13 in overall Weight: 9 lb (less transit case) To provide an easy means of tuning and checking overall performance of radar equipments without the use of aircraft or balloons	

Z3/ZC 36046

 SIMULATOR, Radar jamming,
 A A
 No 1, Mk 1

A transportable electronic equipment contained in three separate service type metal cases. In use Unit 2 is mounted on Unit 1, and all necessary cables, except for the connecting link for Units 1 and 2, are housed in the spares case (Unit 3).

It may be used in conjunction with Z3/ZC 29882/1, Simulator, radar target, A A No 1, Mk 1 equipment, and is connected to the radar set, via a special adaptor unit modified to permit use of the Target Simulators, or it may be used alone.

Comprising:-
 Magslip and power units, No 2 (Unit No 1)
 Simulator units radar jammer No 1 (Unit No 2)
 Cases, spares, jamming simulator, filled No 1 (Unit No 3)

Power requirements:-
 115 or 230 V 45/65 c/s single phase consumption:
 Not greater than 250 VA

Dimensions:-
 Unit 1: Depth 16 1/2 in
 Height 13 7/8 in
 Width 20 1/4 in
 Unit 2: Depth 16 1/2 in
 Height 17 1/4 in
 Width 20 1/4 in

12505

SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z3/ZC 29882/1	SIMULATOR, Radar jamming, A.A. No. 1, Mk. 1 - continued SIMULATOR, Radar target, A.A. No. 1, Mk. 1 equipment	Continued detail for Cat. No. Z3/ZC 36046 Unit 3: Depth 16.1/2 in. Height 13.7/8 in. Width 20.1/4 in. Weight:- Unit 1: 109 lb. Unit 2: 72 lb. Unit 3: 62 lb. To produce signals representing various forms of radar counter measures Comprises:- Cases, transit radar simulator, No. 1 Simulator, radar target, A.A., No. 1, Mk. 1 Straps, web, 6-ft. 8.1/2 in. x 1 in. Provides an artificial target, representing a single aircraft flying on a pre-determined course. Flutter can be introduced for advanced training	12504

Z3/ZC 33242	No. 1, Mk. 2 (F)	Power requirements:- 110 or 230 V., A.C., 45 to 65 c/s Consumption:- 200-W (normally obtained from the radar equipment) Dimensions:- <table data-bbox="718 1097 1308 1232"> <thead> <tr> <th></th> <th>Simulator</th> <th>Transit case</th> </tr> </thead> <tbody> <tr> <td>Depth</td> <td>19.1/4 in.</td> <td>25 in.</td> </tr> <tr> <td>Height</td> <td>28.1/2 in.</td> <td>35.1/2 in.</td> </tr> <tr> <td>Width</td> <td>19.3/4 in.</td> <td>26.1/4 in.</td> </tr> <tr> <td>Weight</td> <td>186 lb.</td> <td>106 lb.</td> </tr> </tbody> </table> Trainer for Equipment:- Radar, A.A. No. 3, Mk. 7 with suitable I.F. conversion unit, if required No. 4, Mk. 7 with suitable I.F. conversion unit, if required		Simulator	Transit case	Depth	19.1/4 in.	25 in.	Height	28.1/2 in.	35.1/2 in.	Width	19.3/4 in.	26.1/4 in.	Weight	186 lb.	106 lb.	12504
	Simulator	Transit case																
Depth	19.1/4 in.	25 in.																
Height	28.1/2 in.	35.1/2 in.																
Width	19.3/4 in.	26.1/4 in.																
Weight	186 lb.	106 lb.																
Z3/ZC 33243	Equipment	Comprises:- Simulator, radar target, A.A., No. 1, Mk. 1 modified with Set, modification, IS/11/103 Details as for Z3/ZC 29882/1 Simulator, radar target A.A. No. 1, Mk. 1 equipment, but modified with a special cam assembly. This converts its use to F.A. role. To simulate flight of mortar bombs Comprises:- Simulator, radar target, A.A., No. 1, Mk. 1 modified with Set, modification, IS/11/103 together with:- Z3/ZC 30168 Case, transit, radar simulator, No. 1 - 1 off Z3/ZC 30292 Strap, web 6 ft. 8.1/2 in. x 1 in. - 2 off Handbook of working instructions																

SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z3/6625-99-914-6028	TEST SET, COMPUTER	With carrying case; aluminium; 17.43 in. long x 17.41 in. x 17.9 in. high, approx. overall dimensions	
Z3/ZC 36147	TRAINER, Radar, A.A., playback	<p>A transportable electronic equipment, which converts the information recorded on film track by Z3/ZC 36146 Trainers, radar, A.A. recorder and playback, to a form which when applied to the crt. of a P.P.I. will reproduce accurately the recorded target run. A tape recorder is incorporated to facilitate recording of the instructor's comments</p> <p>Comprising:-</p> <ul style="list-style-type: none"> Camera drive unit, No. 2 crt. units, No. 3 Monitor units, No. 12 Power units, No. 64 Power units, No. 65 Recorders, magnetic tape, with playback, selsyn driven Signal units, No. 2 Time base units, No. 16 	

Z3/ZC 36146	TRAINER, Radar, A.A., recorder and playback	<p>Power requirements:- 230/240 V 50 c/s, single phase Source of supply:-Parent Radar or via rotation generator Consumption:-1 kVA</p> <p>Dimensions:- Trainer Depth: 2 ft. 3.1/8 in. Height: 5 ft. 0.1/2 in. Width: 2 ft. 0.1/8 in. Transit Case Depth: 3 ft. 8 in. Height: 5 ft. 9 in. Width: 3 ft. 1 in.</p> <p>Weight:- Trainer (in transit case with spares): 14.3/4 cwt. Trainer only: 7.1/4 cwt.</p> <p>For training Radar operators by means of film records of actual target runs For use with Radar A.A. No. 4, Mk. 7 and Acquisition, Radar target A.A., remote, Mk. 1</p> <p>A transportable electronic equipment, with records, on 35 mm. film, a complete target run including any interference, permanent echoes, etc., as displayed on the P.P.I. of a master radar equipment. It does this by electronically scanning the film, the movement of the film being proportional to bearing, and the position of the spot laterally being proportional to the range.</p>	
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SECTION Z3

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	TRAINER, Radar, A.A. recorder and playback - continued	<p>Continued detail for Cat. No. Z3/ZC 36146 The playback facilities are as shown for Z3/ZC 36147, Trainers, Radar, A A , playback</p> <p>Comprising:- Camera drive units, No. 2 crt. units, No. 3 Monitor units, No. 13 Power units No. 64 Power units No. 65 Recorders, magnetic tape, with playback, seisyn driven Signal units, No. 1 Time base units, No. 15</p> <p>Power requirements:- 230/240 V., 50 c/s. single phase Source of supply: Parent Radar or via rotation generator Consumption: 1 kVA</p>	
Z3/ZC 36224	TRAINER, Radar, P.P.I. No. 1, Mk. 1	<p>Dimensions:- Trainer Depth: 2 ft. 3 1/8 in. Height: 5 ft. 0.1/2 in. Width: 2 ft. 6.1/8 in.</p> <p>Transit case: Depth: 3 ft. 8 in. Height: 5 ft. 9 in. Width 3 ft. 1 in.</p> <p>Weight:- Trainer (in transit case with spares): 15 cwt. Trainer only: 7.1/2 cwt</p> <p>Recording and playback of Radar P.P.I. displays For use with Radar A.A. No. 4, Mk. 7 and Acquisition, Radar target A.A., remote, Mk. 1</p> <p>Transportable self-contained trainer housed in a wooden console type cabinet. Projection of ultra-violet light, through mechanically operated photo slides provides a P.P.I. display on a fluorescent screen. Six sets of two slides, one supplied with the equipment, each set simulating a target run of up to a maximum of 40 minutes. Additional sets, for differing target runs, are available, but do not form part of the equipment</p>	10604

SECTION Z3

Cat No	Item name or designation	Item description or detail	I S P L Code No
	TRAINER, Radar, P P I No 1, Mk 1 - continued	Continued detail for Cat No Z3/ZC 36224 Comprising:- Cabinets, trainers, Radar, P P I, No 1 Motor and gear assemblies, No 1 Panel assemblies, trainers, radar, P P I., No 1 Projector assemblies, trainers, radar, P P I, No 1 Presentations:- 9 in fluorescent screen (to simulate P P I display) Clutter range: 15,000 yds Working range 15,000-80,000 yds Scanning speed: 15 r p m Range marker rings at 10,20,30 40,50,60 and 70 thousand yards (engraved on c rsor) Bearing Rotating cursor marked 0 359° Power requirements:- 220/230-V, 50 c/s, single phase Consumption: 200 W Dimensions: Base: 26-in x 21-in Height 48-in Weight 130-lb approx To simulate P P I display for training radar operators	

SECTION 73

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RESTRICTED.