



Ministry  
of Defence

de&s

DE&S Secretariat (Land Equipment)

DESSEC-PolSecLE-JSC-WPNS@mod.uk

Defence Equipment & Support  
Maple 0a # 2043  
MOD Abbey Wood  
Bristol BS34 8JH



Via:

10<sup>th</sup> July 2017 Our Ref: FOI2017/05867

Dear [REDACTED],

Thank you for your email of 14<sup>th</sup> June 2017 requesting the following information:

*I am researching the history of the Cooker No.12, otherwise known as the "Stove, Multiple Fuel Burner, No.12", NSN J2/7310-99-252-7439, one version built under contract CPG 51 16345.*

*I would like if possible a copy of any of the research/development documents for the Stove, statements of requirements, specifications, trials reports, operational tests, etc.*

*I am in possession of 7310-B-100-201 Operating Information and 7310-B-100-711 Illustrated Parts Catalogue. I would like if possible copies of any further related publications, examples such as: 7310-B-100-111 - Equipment Support Policy; 7310-B-100-741- Complete Equipment Schedule.*

*Any further documents/reports on the Stove that may be available would be gratefully appreciated in order to bolster the history file.*

I am treating your correspondence as a request for information under the Freedom of Information Act 2000 (FOIA).

A search for the information has now been completed within the Ministry of Defence, and I can confirm that some information in scope of your request is held, including AESPS 7310-B-100-111 Equipment Support Policy Directive, 7310-B-100-532 Inspection Standards and 7310-B-100-741 Complete Equipment Schedule. You will find these attached to this letter.

Under Section 16 of the Act (Advice and Assistance), you may find it helpful to note that no information could be found following a thorough search concerning the history of Cooker No 12. However, it is believed that they were brought into service in 1989 with a 10-year planned life.

If you are not satisfied with this response or you wish to complain about any aspect of the handling of your request, then you should contact me in the first instance. If informal resolution is not possible and you are still dissatisfied then you may apply for an independent internal review by contacting the Information Rights Compliance team, Ground Floor, MOD Main Building, Whitehall, SW1A 2HB (e-mail [CIO-FOI-IR@mod.uk](mailto:CIO-FOI-IR@mod.uk)). Please note that any request for an internal review must be made within 40 working days of the date on which the attempt to reach informal resolution has come to an end.

If you remain dissatisfied following an internal review, you may take your complaint to the Information Commissioner under the provisions of Section 50 of the Freedom of Information Act. Please note that the

Information Commissioner will not investigate your case until the MOD internal review process has been completed. Further details of the role and powers of the Information Commissioner can be found on the Commissioner's website, <http://www.ico.org.uk>.

Yours sincerely,

[REDACTED]

[REDACTED]

DES SEC Pol Sec Land Equipment



**STOVE, MULTIPLE FUEL BURNER**  
**No. 12**  
**J 2/7310-99-252-7439**

**COMPLETE EQUIPMENT SCHEDULE**  
**SIMPLE EQUIPMENT**

Sponsored for use in the  
UNITED KINGDOM MINISTRY OF DEFENCE  
AND ARMED FORCES  
by

ECI PT  
DE&S Abbey Wood  
Bristol  
BS34 8JH

**CONDITIONS OF RELEASE**

~~This information is released by the UK government for Defence purposes only.~~

~~This information must be afforded the same degree of protection as that afforded to information of an equivalent classification originated by the recipient Government or as required by the recipient Government's National Security regulations.~~

~~This information may be disclosed only within the Defence Department of the recipient Government, except as otherwise authorized by the Ministry of Defence (Army).~~

This information may be subject to privately owned rights.

~~THIS DOCUMENT IS THE PROPERTY OF HER BRITANNIC MAJESTY'S GOVERNMENT, and is issued for the information of such persons only as need to know its contents in the course of their official duties. Any person finding this document should hand it in to a British forces unit or to a police station for its safe return to the Ministry of Defence, (DDofC), Main Building, Whitehall, London, SW1A 2HD, with particulars of how and where found. THE UNAUTHORIZED RETENTION OR DESTRUCTION OF THIS DOCUMENT IS AN OFFENCE UNDER THE OFFICIAL SECRETS ACTS OF 1911-1989. (When released to persons outside Government service, this document is issued on a personal basis. The recipient to whom it is entrusted in confidence, within the provisions of the Official Secrets Acts 1911-1989, is personally responsible for its safe custody and for seeing that its contents are disclosed only to authorized persons.)~~

© CROWN COPYRIGHT RESERVED

AMENDMENT RECORD

Amdt No	Incorporated By (Signature)	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

Amdt No	Incorporated By (Signature)	Date
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		

## CONTENTS

### PRELIMINARY MATERIAL

	Page
Front cover (title page) .....	(i)
Conditions of release .....	(ii)
Amendment record sheet .....	(iii)/(iv)
Contents (this list) .....	(v)
PREFACE .....	(vi)
Introduction .....	(vi)
Instructions for use by units.....	(vi)
Initial issues by Royal Logistics Corps .....	(vi)
In lieu items .....	(vi)
General notes .....	(vi)
Amendments .....	(vii)
Indentations .....	(vii)
Description .....	(vii)
Additional information.....	(vii)
Applicability details .....	(vii)
Related publications .....	(vii)

### COMPLETE EQUIPMENT SCHEDULE

#### Chapter

- 1 General information
- 2 Parts list
- 2-1 Stove, multiple fuel burner No. 12
- 2-2 Case assembly
- 2-3 Tank, fuel and burner assembly
- 3 Indexes
- 3-1 Index of NATO stock numbers to chapter, figure and item numbers
- 3-2 Index of manufacturer's part/drawing numbers to chapter, figure and item number
- 3-3 Not issued
- 3-4 Not issued

**PREFACE****SPONSOR: ECI PT****INTRODUCTION**

1 Any comments by service users on this publication should be forwarded through the channels prescribed in Army Equipment Support Publication (AESP) 0100-P-011-013. An AESP Form 10 is provided at the end of this publication; it should be photocopied and used for forwarding comments on this AESP.

2 Service users must register their requirements for this publication on the AESP Form 1(M) attached to this document. Failure to do so will result in the user not receiving the automatic issue of future amendments or additions. The Form 1(1 M) should be completed and returned to DLO.

3 AESPs are issued under Defence Council authority and where AESPs specify action to be taken, the AESP will of itself be sufficient authority for such action and also for the demanding of the necessary stores, subject to the provisions of Para 4 below.

4 The subject matter of this publication may be affected by Defence Council Instructions (DCIs), Standard Operating Procedures (SOPs) or by local regulations. When any such Instruction, Order or Regulation contradicts any portion of this publication they are to be taken as the overriding authority.

**Instructions for use by units**

5 Detailed instructions for use by Units are given in Material Regulations for the Army Vol 1, Para 1.

**Initial issues by Royal Logistics Corps**

6 Initial issues by Royal Logistics Corps (RLC) are as described below:

6.1 One copy of the CES will be attached to the Units copy of the issue voucher and one further copy accompanying every equipment.

6.2 Deficiencies (if any) will be enfaced on the covering issue voucher by reference to the Serial Number of the items listed in the simple CES.

6.3 'To follow' vouchers will not be created.

6.4 All items listed in the CES can be issued separately. If any listed herein becomes unserviceable it should be extracted and exchanged and the equipment retained pending receipt. Transfers between equipment holders should normally be complete to CES.

**In lieu items**

7 Authorised 'in lieu' items held against this CES will not be replaced until such time as they are no longer serviceable. When replacement becomes necessary the correct item, as listed in the CES,

**General notes**

8 Certain items may be annotated as follows:

8.1(E) - Expendable stores, consumable stores and material, 'NON LEDGER' spare parts of minor value.

8.2 (X) - ESSENTIAL ITEMS without which the RLC will not issue the equipment.

8.3 (\*) - This asterisk indicated the accountability classification of the item.

8.4 (NI) - (Not illustrated) when appearing with a number in the 'Fig Item' column indicates that the item is not illustrated.

8.5 (NIV) - (Not in Vocabulary) indicates that the item is not available within the stores system

### Amendments

9 Amendments to the catalogue will be published as and when necessary. These will be numbered consecutively, and the Amendment record sheet is to be completed for each amendment list embodied. New or amended material will be highlighted by side lining to show the extent of the amendment.

### Indentations

10 Items are listed in a logical assembly/disassembly order and are indented by the 'Dot System' in which each 'dot' depicts the relationship of the item to the next higher assembly:

#### MAIN ASSEMBLY

Attaching parts for main assembly

. FIRST LEVEL OF BREAKDOWN (Sub-assembly or detailed part of main assembly) . Attaching parts for first level

. . SECOND LEVEL OF BREAKDOWN (Sub-sub-assembly or detailed part of Sub-assembly)

. . . Attaching parts for second level

### Description

11 The item Description and Annotation Block is also to convey additional information to the CES user, which will appear in brackets ie related location detail, eg another AESP or Chapter/Item within this AESP.

### ADDITIONAL INFORMATION

#### Applicability details

12 This CES relates to the following equipment:

12.1	NSN	Code	Contract
	7310-99-252-7439	N/A	CPG51/6345

13 Service users should forward any comments on this publication through the channels prescribed in AESP 0100-P-011-013. An AESP Form 10 is provided at the end of this publication; it should be photocopied and used for forwarding comments on this AESP.

### RELATED PUBLICATIONS

14 The Octad for the subject equipment consists of the categories as detailed overleaf. All references are prefixed with the first eight digits of this publication. The availability of the publications can be checked by reference to the relevant Group Index (refer to AESP 0100-A-001-013).

TABLE 1 RELATED PUBLICATIONS

Category/Sub-Category		Information Level				
		1 User/Operator	2 Unit Maintenance	3 Field Maintenance	4 Base Maintenance	
1	0	Purpose and Planning Information	*	*	*	*
	1	Equipment Support Policy Directives	*	*	*	*
2	0	Operating Information	201	201	201	*
	1	Aide Memoire	*	*	*	*
	2	Training Aids	*	*	*	*
3		Technical Description	201	201	201	*
4	1	Installation Instructions	*	*	*	*
	2	Preparation for Special Environments	*	*	*	*
5	1	Failure Diagnosis	201	201	201	*
	2	Maintenance Instructions	201	201	201	*
	3	Inspection Standards	*	*	*	*
	4	Calibration Procedures	*	*	*	*
6		Maintenance Schedules	*	*	*	*
7	1	Illustrated Parts Catalogues	711	711	711	*
	2	Commercial Parts Lists	*	*	*	*
	3	Complete Equipment Schedule, Production	*	*	*	*
	4	Complete Equipment Schedule, Service Edition (Simple Equipment)	741	*	*	*
	5	Complete Equipment Schedule, Service Edition (Complex Equipment)	*	*	*	*
8	1	Modification Instructions	*	*	*	*
	2	General Instructions, Special Technical Instructions and Servicing Instructions	*	*	*	*
	3	Service Engineered Modification Instructions (RAF only)	*	*	*	*

\* Category/Sub-category not published.

**CHAPTER 1**

**GENERAL INFORMATION**

**CONTENTS**

This Chapter not taken up

CHAPTER 2

COMPLETE EQUIPMENT SCHEDULE (SERVICE)

SIMPLE EQUIPMENT

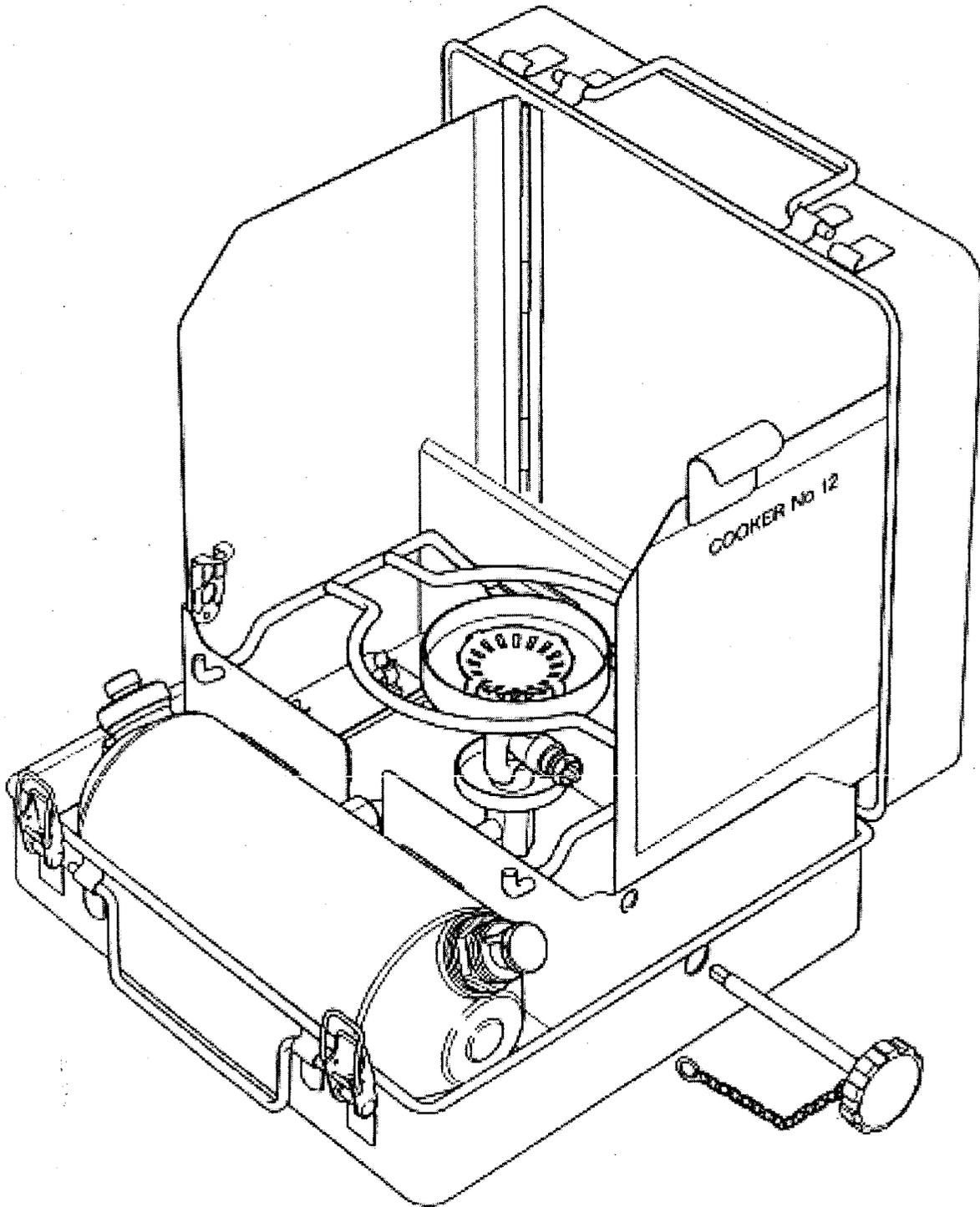
STOVE, MULTIPLE FUEL BURNER NO. 12

J2/7310-99-252-7439

Chapter

2-1

Stove, multiple fuel burner No. 12



Stove, multiple fuel burner No. 12

CES

Fig. No Item No	DMC NSCM	Army NSN Part Number	Item Description and Annotations	No Off D of Q	Quantity of Issue
1 NI 1	J2	7310-99-252-7439	STOVE, MULTIPLE FUEL BURNER No. 12	1 EA	

**CHAPTER 2-1.**

**COMPLETE EQUIPMENT SCHEDULE (SERVICE)**

**SIMPLE EQUIPMENT**

**STOVE, MULTIPLE FUEL BURNER NO. 12**

Chapter

- 2-1-1 Main items
- 2-1-2 Tools and accessories
- 2-1-3 Spares and consumables
- 2-1-4 Literature

Page Intentionally Blank - No Illustration

CES

Fig. No Item No	Army		Item Description and Annotations	No Off D of Q	Quantity on Issue
	DMC NSCM	NSN Part Number			
1	J2 K4771	7310-99-252-7439 A0/15000	STOVE, MULTIPLE FUEL BURNER No. 12	REF EA	
NI 1		NIV	. MAIN ITEMS (refer to Chap 2-1-1)	REF EA	
NI 2		NIV	. TOOLS AND ACCESSORIES (refer to Chap 2-1-2)	REF EA	
NI 3		NIV	. SPARES (refer to Chap 2-1-3)	REF EA	
NI 4		NIV	. LITERATURE (refer to Chap 2-1-4)	REF EA	

**CHAPTER 2-1-1**

**COMPLETE EQUIPMENT SCHEDULE (SERVICE)**

**SIMPLE EQUIPMENT**

**MAIN ITEMS**

Page Intentionally Blank - No Illustration

CES

Fig. No Item No	Army		Item Description and Annotations	No Off D of Q	Quantity on Issue
	DMC NSCM	NSN Part Number			
1	J2 K4771	7310-99-252-7439 A0/15000	STOVE, MULTIPLE FUEL BURNER, No. 12; PORTABLE; SINGLE BURNER	REF	
NI 1	J2 U5757	7310-99-894-8597 A0/15001	CASE ASSEMBLY, CARRIAGE AND STOWAGE	1 EA	
NI 2	J2 U5757	7310-99-568-5724 A2/15035	BURNER ASSEMBLY, INCLUDES VAPORISING CHAMBERS, CONTROL VALVE, PIPE AND IMPACT PLATE	1 EA	
NI 3	J2 U5757	7310-99-795-3794 A1/15024	TANK, FUEL, PORTABLE STOVE, No. 12 BURNER	1 EA	
NI 4	J2 U5757	7310-99-701-9423 A3/15030	FILLER CAP ASSEMBLY, ASSEMBLY WITH WASHERS AND RETAINER	1 EA	
NI 5	J2 U5757	7310-99-452-1223 A3/15165	PUMP ASSEMBLY, FUEL TANK PRESSURISING, No. 12 BURNER	1 EA	
NI 6	J2 U5757	7310-99-362-7886 A3/15166	CYLINDER AND VALVE ASSEMBLY, No.12 BURNER; FUEL PRESSURISING PUMP	1 EA	
NI 7	J2 K1368	5310-99-120-7144 A0545	PUMP ROD ASSEMBLY, STOVE, LIQUID FUEL BURNER	1 EA	
NI 8	J2 K0000	5310-99-120-7144 WASHERRT0.850RD1	WASHER, FLAT, FIBRE	1 EA	
NI 9	J2 U5757	7310-99-883-8693 A4/15170	WASHER, FILLER CAP SCREW, OUTER SCREW	1 EA	
NI 10	J2 U5757	7310-99-831-8224 A4/15171	WASHER, FILLER CAP	1 EA	
NI 11	J2 S3509	7310-25-101-7615 384G	VALVE SPINDLE, MULTI PURPOSE BURNERS	1 EA	
NI 12	J2 S5309	7310-25-103-6012 387	PACKING NUT	1 EA	
NI 13	J2 K4771	5330-99-251-9181 A4/8290	PACKING	1 EA	
NI 14	J2 S3509	7360-99-977-1024 2510	NIPPLE	1 EA	

**CHAPTER 2-1-2**

**COMPLETE EQUIPMENT SCHEDULE (SERVICE)**

**SIMPLE EQUIPMENT**

**TOOLS AND ACCESSORIES**

Page Intentionally Blank - No Illustration

CES

Fig. No Item No	Army		Item Description and Annotations	No Off D of Q	Quantity on Issue
	DMC NSCM	NSN Part Number			
1		NP	EQUIPMENT TOOLS AND ACCESSORIES	REF	
NI 1	J2 U5757	7310-99-024-6938 A2/15041	IMPACT PLATE, STAINLESS STEEL	1 EA	
NI 2	J2 U5757	7310-99-880-8225 A1/15047	GRILLE, STAINLESS STEEL WIRE	1 EA	
NI 3	J2 U5757	7310-99-500-2532 A2/15048	TOOL, UNIVERSAL, COOKER	1 EA	
NI 4	J2 U5757	7310-99-051-8880 A3/15049	TOOL, OPERATING, SQUARE DRIVE C/W HANDWHEEL	1 EA	
NI 5	J2 K1368	7310-99-125-1809 B9164	FUNNEL	1 EA	

**CHAPTER 2-1-3**

**COMPLETE EQUIPMENT SCHEDULE (SERVICE)**

**SIMPLE EQUIPMENT**

**SPARES AND CONSUMABLES**

Page Intentionally Blank - No Illustration

CES

Fig. No Item No	Army		Item Description and Annotations	No Off D of Q	Quantity on Issue
	DMC NSCM	NSN Part Number			
1		NP	EQUIPMENT SPARES AND CONSUMABLES	REF	
NI 1	A3 K6139	9110-99-543-0848 2333	. BURNING PASTE, USED FOR PRIMARY KEROSENE STOVES	1 PK	
NI 2	J2 K0000	5310-99-120-7144 WASHERFT0.850RD 1.150FIBRNO	. WASHER, FLAT, FIBRE; ROUND (Chapter 2-1-1 Item NI 8)	1 EA	
NI 3	J2 U5757	7310-99-883-8693 A4/15170	. WASHER, FILLER CAP SCREW, OUTER SCREW (Chapter 2-1-1 Item NI 9)	1 EA	
NI 4	J2 U5757	7310-99-831-8224 A4/15171	. WASHER, FILLER CAP (Chapter 2-1-1 (Item NI 10)	1 EA	

**CHAPTER 2-1-4**

**COMPLETE EQUIPMENT SCHEDULE (SERVICE)**

**SIMPLE EQUIPMENT**

**LITERATURE**

Page Intentionally Blank - No Illustration

CES

Fig. No Item No	Army		Item Description and Annotations	No Off D of Q	Quantity on Issue
	DMC NSCM	NSN Part Number			
1		NP	EQUIPMENT LITERATURE	REF	
NI 1	K2515	NP AESP7310-B-100-201	STOVE, MULTIPLE FUEL BURNER, No. 12 OPERATING INFORMATION	1 EA	
NI 2	K2515	NP AESP7310-B-100-741	STOVE, MULTIPLE FUEL BURNER, No. 12 ILLUSTRATED PARTS CATALOGUE	1 EA	
NI 3	K2515	NP AESP7310-B-100-741	STOVE, MULTIPLE FUEL BURNER, No. 12 COMPLETE EQUIPMENT SCHEDULE, SERVICE EDITION (SIMPLE EQUIPMENT)	1 EA	
NI 4	K2515	NP AB 446	EQUIPMENT RECORD BOOK	1 EA	
NI 5	K2515	NP AB 74	BINDER FOR EQUIPMENT RECORDS	1 EA	
NI 6	K2515	NP AB 408	RECORD OF INSPECTIONS	1 EA	

**CHAPTER 3**

**INDEXES**

**CONTENTS**

Chapter

- 3-1 Index of NATO Stock Numbers to Chapter, Figure and Item Numbers
- 3-2 Index of Manufacturers' Part/Drawing Numbers to Chapter, Figure and Item Numbers
- 3-3 Not issued
- 3-4 Not issued

CHAPTER 3-1

INDEX OF NATO STOCK NUMBERS  
TO  
CHAPTER, FIGURE AND ITEM NUMBERS



CHAPTER 3-2

INDEX OF MANUFACTURERS' PART/DRAWING NUMBERS  
TO  
CHAPTER, FIGURE AND ITEM NUMBERS

**INDEX OF MANUFACTURERS' PART/DRAWING NUMBERS  
TO CHAPTER, FIGURE AND ITEM NUMBERS**

Manufacturers' Parts or Drawing Numbers	Chapter 2- Sub-chap	Fig & Item
2333	2-1-3	1-NI 1
2510	2-1-1	1-NI 14
384G	2-1-1	1-NI 11
387	2-1-1	1-NI 12
A0/15000	2-1	1-1
	2-1-1	1
A0/15001	2-1-1	1-NI 1
A0545	2-1-1	1-NI 7
A1/15024	2-1-1	1-NI 3
A1/15047	2-1-2	1-NI 2
A2/15035	2-1-1	1-NI 2
A2/15041	2-1-2	1-NI 1
A2/15048	2-1-2	1-NI 3
A3/15030	2-1-1	1-NI 4
A3/15049	2-1-2	1-NI 4
A3/15165	2-1-1	1-NI 5
A3/15166	2-1-1	1-NI 6
A4/15170	2-1-1	1-NI 9
	2-1-3	1-NI 3
A4/15171	2-1-1	1-NI 10
	2-1-3	1-NI 4
A4/8290	2-1-1	1-NI 13
AB 408	2-1-4	1-NI 6
AB 446	2-1-4	1-NI 4
AB 74	2-1-4	1-NI 5
AESP7310-B-100-201	2-1-4	1-NI 1
	2-1-4	1-NI 7
AESP7310-B-100-711	2-1-4	1-NI 2
AESP7310-B-100-741	2-1-4	1-NI 3
B9164	2-1-2	1-NI 5
WASHERFT0.850RD1.150FIBRNO	2-1-3	1-NI 2
WASHERRT0.850RD1	2-1-1	1-NI 8



# STOVE, MULTIPLE FUEL BURNER No. 12

## INSPECTION STANDARDS

Sponsored for use in the  
UNITED KINGDOM MINISTRY OF DEFENCE  
AND ARMED FORCES  
by

ECI PT  
DE&S Abbey Wood  
Bristol  
BS34 8JH

**CONDITIONS OF RELEASE**

~~This information is released by the UK government for Defence purposes only.~~

~~This information must be afforded the same degree of protection as that afforded to information of an equivalent classification originated by the recipient Government or as required by the recipient Government's National Security regulations.~~

~~This information may be disclosed only within the Defence Department of the recipient Government, except as otherwise authorized by the Ministry of Defence (Army).~~

This information may be subject to privately owned rights.

~~THIS DOCUMENT IS THE PROPERTY OF HER BRITANNIC MAJESTY'S GOVERNMENT, and is issued for the information of such persons only as need to know its contents in the course of their official duties. Any person finding this document should hand it in to a British forces unit or to a police station for its safe return to the Ministry of Defence, (DDef Gy), Main Building, Whitehall London, SW1A 2HB, with particulars of how and where found. THE UNAUTHORIZED RETENTION OR DESTRUCTION OF THIS DOCUMENT IS AN OFFENCE UNDER THE OFFICIAL SECRETS ACTS OF 1911-1989. (When released to persons outside Government service, this document is issued on a personal basis. The recipient to whom it is entrusted in confidence, within the provisions of the Official Secrets Acts 1911-1989, is personally responsible for its safe custody and for seeing that its contents are disclosed only to authorized persons.)~~

© CROWN COPYRIGHT RESERVED

AMENDMENT RECORD

Amdt No	Incorporated By (Signature)	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

Amdt No	Incorporated By (Signature)	Date
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		

**CONTENTS**

	Page
<b>PRELIMINARY MATERIAL</b>	
Front cover (title page) .....	(i)
Conditions of release .....	(ii)
Amendment record sheet .....	(iii)/(iv)
Contents (this list) .....	(v)
PREFACE .....	(vi)
Introduction .....	(vi)
Related and associated publications .....	(vii)
Related publications .....	(vii)
Associated publications .....	(viii)
Abbreviations .....	(viii)
Warnings .....	( )
Cautions .....	( )
Comment on AESP .....	Final leaf

Para

- 1 Introduction
- 2 Inspection standards
- 4 Inspection and cleaning schedule

Table	Page
1 Inspection and cleaning schedule .....	1

**PREFACE****SPONSOR: ECI PT****INTRODUCTION**

1 Any comments by service users on this publication should be forwarded through the channels prescribed in Army Equipment Support Publication (AESP) 0100-P-011-013. An AESP Form 10 is provided at the end of this publication; it should be photocopied and used for forwarding comments on this AESP.

2 AESPs are issued under UK MOD authority and where AESPs specify action to be taken, the AESP will of itself be sufficient authority for such action and also for the demanding of the necessary stores, subject to the provisions of Para 3 below.

3 The subject matter of this publication may be affected by Defence Instructions and Notices (DINs), Standing Operating Procedures (SOPs) or by local regulations. When any such Instruction, Order or Regulation contradicts any portion of this publication it is to be taken as the overriding authority.

**RELATED AND ASSOCIATED PUBLICATIONS**

**Related publications**

4 The octad for the subject equipment consists of all the categories shown in Table 1. All references are prefixed with the first eight digits of this publication. The availability of the publications can be checked by reference to the relevant Group Index in AESP 0100-A-001-013.

**TABLE 1 RELATED PUBLICATIONS**

Category/Sub-Category		Information Level				
		1 User/Operator	2 Unit Maintenance	3 Field Maintenance	4 Base Maintenance	
1	0	Purpose and Planning Information	*	*	*	*
	1	Equipment Support Policy Directives	111	111	111	*
2	0	Operating Information	201	201	201	*
	1	Aide Memoire	*	*	*	*
	2	Training Aids	*	*	*	*
3		Technical Description	201	201	201	*
4	1	Installation Instructions		*	*	*
	2	Preparation for Special Environments		*	*	*
5	1	Failure Diagnosis	201	201	201	*
	2	Maintenance Instructions	201	201	201	*
	3	Inspection Standards	*	*	*	*
	4	Calibration Procedures	*	*	*	*
6		Maintenance Schedules	201	201	201	*
7	1	Illustrated Parts Catalogues	711	711	711	*
	2	Commercial Parts Lists	*	*	*	*
	3	Complete Equipment Schedule, Production	*	*	*	*
	4	Complete Equipment Schedule, Service Edition (Simple Equipment)	741	*	*	*
	5	Complete Equipment Schedule, Service Edition (Complex Equipment)	*	*	*	*
8	1	Modification Instructions	*	*	*	*
	2	General Instructions, Special Technical Instructions and Servicing Instructions	*	*	*	*
	3	Service Engineered Modification Instructions (RAF only)	*	*	*	*

\* Category/Sub-category not published.

**Associated publications**

5 There are no associated publications applicable to this equipment

**ABBREVIATIONS**

6 The following abbreviations are used in this AESP octad.

<u>Abbreviation</u>	<u>Nomenclature</u>
AESP	Army Equipment Support Publication
BFI IPT	Battlefield Infrastructure IPT
CES	Complete Equipment Schedule
COSA	Catalogue of Ordnance Stores and Ammunition
CSS	Combat Support Systems
CIWG	Capability Integration Working Group
DAS	Defence Accommodation Stores
DEC	Director of Equipment Capability
DLO	Defence Logistics Organisation
DPA	Defence Procurement Agency
EFR	Equipment Failure Report
ELS	Expeditionary Logistic Support
ESM	Equipment Support Manager
ESPD	Equipment Support Policy Directive
ESS IPT	Engineer Systems Support IPT
Fd Eqpt	Field Equipment
FLC	Front Line Commands
FRACAS	Failure Reporting and Corrective Action System
GS	General Service
IOC	Initial Operating Capability
IPT	Integrated Project Team
ISD	In-Service Date
JSP	Joint Service Publication
LFG	Lightweight
LSD	Logistic Support Date
MEI	Mandatory Equipment Inspections
N/A	Not applicable
OEM	Original Equipment Manufacture
OFCS	Operational Field Catering System
PDS	Post Design Services
REME	Royal Electrical Mechanical Engineer
RLC	Royal Logistic Corp
ST&TE	Special Tools and Test Equipment

# WARNINGS AND CAUTIONS

## HAZARDOUS SUBSTANCES

7 Before using any hazardous substances or material, the user must be conversant with the safety precautions and first aid instructions:

- 7.1 on the label of the container it was supplied in;
- 7.2 on the material Safety Data Sheet;
- 7.3 in local Safety Orders and Regulations.

## WARNING

8 The following WARNINGS are applicable to this equipment.

(1) **FUEL AND FUEL VAPOURS ARE A FIRE HAZARD. NO SMOKING OR NAKED FLAMES ARE TO BE ALLOWED WITHIN 15 M OF THE STOVE DURING FILLING OPERATIONS.**

(2) **PERSONNEL INJURY. FUEL AND FUEL VAPOURS ARE A FIRE HAZARD. NEVER ATTEMPT TO REFILL THE FUEL TANK WHEN THE STOVE IS WARM.**

(3) **PERSONNEL INJURY. ALWAYS CARRY OUT REFILLING TASKS IN A WELL VENTILATED AREA.**

(4) **PERSONNEL INJURY. THE PRE-HEATING PASTE MUST NOT BE APPLIED TO THE BURNER HEAD WHEN THE BURNER HEAD IS HOT. THE PRE-HEATING PASTE MUST NOT BE STORED IN THE COOKER CASE WHILST THE COOKER IS IN USE.**

(5) **PERSONNEL INJURY. THE STOVE SHOULD ALWAYS BE USED IN A WELL VENTILATED AREA.**

(6) **PERSONNEL INJURY. IF A FAULT DEVELOPS DURING USE ENSURE THE PROCEDURES FOR HANDLING HOT COOKING UTENSILS AND EQUIPMENT ARE OBSERVED.**

(7) **PERSONNEL INJURY. THE STOVE CAN USE ONLY THE FOLLOWING FUELS:**

(7.1) **COMMERCIAL DIESEL, OR NATO:**

(7.2) **F54-DIESEL (7.3) F58 KERO 1 B**

(7.4) **F34 AVTUR (FS11)**

(7.5) **F35 AVTUR (7.6) F44 AVCAT**

(8) **LIQUID FUELS ARE FLAMMABLE. SMOKING OR USE OF A NAKED FLAME IS NOT PERMITTED IN THE VICINITY OF ANY REPAIR. THE FUEL TANK IS TO BE DEPRESSURISED BEFORE STARTING ANY REPAIR TASK.**

(9) **PERSONNEL INJURY. EXHAUST FUMES AND SPILLAGE ARE TO BE AVOIDED. ENSURE GOOD VENTILATION IN THE WORKING AREA AND ANY SPILLAGE IS REMOVED.**

(10) **PERSONNEL INJURY. THE FOLLOWING FUELS ARE HARMFUL:**

(10.1) **COMMERCIAL DIESEL, OR NATO:**

(10.2) **F54-DIESEL (9.3) F58 KERO 1 B**

(10.4) F34 AVTUR (FS11)

(10.5) F35 AVTUR (9.6) F44 AVCAT

(11) DISPOSAL OF LIQUID FUELS AND CONTAMINATED MATERIAL MUST BE IN ACCORDANCE WITH LOCAL REGULATIONS OR JSP 317.

**CAUTIONS**

9 There are no CAUTIONS applicable to this equipment.

## INSPECTION STANDARDS

### INTRODUCTION

- 1 This publication details the Inspection Standards for the Stove, Multiple Fuel Burner No. 12.

### INSPECTION STANDARDS

- 2 Inspection of items containing liquids, i.e. the fuel tank and fuel delivery system, shall be to judge their ability to contain fluids without leakage.
- 3 Inspection of functioning parts, e.g. valves, pump, etc to determine their functional serviceability.

### INSPECTION AND CLEANING SCHEDULE

- 4 This schedule may be reproduced and is to be used as an Inspection Record.

TABLE 1

Serial (1)	Test/Operation (2)	Ref (3)	Acceptable quality level (4)	Interval (5)
1	Inspection	Paras 2 & 3	As detailed	Annually
2	Cleaning		Carry out deep clean	Annually

### NOTE

Refer to AESP 7310-B-100-201, "Instructions for Use," Para 10 and 12

COMMENT(S) ON AESP\*

To: ECI PT  
 MoD, Abbey Wood  
 Bristol  
 B34 8JH

From: .....  
 .....  
 .....

<b>Senders Reference</b>	<b>BIN Number</b>	<b>Date</b>
<b>AESP* Title:</b>		
<b>Chapter(s)/Instruction</b>		<b>Page(s)/Paragraph(s)</b>
If you require more space please use the reverse of this form or a separate piece of paper. <b>Comment(s):</b>		

Signed: ..... Telephone No: .....

Name (Capitals): ..... Rank/Grade: ..... Date: .....

✂ .....

**FOR AESP\* SPONSOR USE ONLY**

To: ..... From: .....  
 .....  
 .....

Thank you for commenting on AESP\* .....

Your reference: ..... Date: .....

<b>Action is being taken to:</b>	<b>Tick</b>	<b>Tick</b>
Issue a revised/amended AESP*		Under investigation
Incorporate comment(s) in future amendments		No action required
<b>Remarks</b>		

Signed: ..... Telephone No: .....

Name (Capitals): ..... Rank/Grade: ..... Date: .....

\* AESP or EMER



# **STOVE, MULTIPLE FUEL BURNER NO. 12**

## **EQUIPMENT SUPPORT POLICY DIRECTIVE**

Sponsored for use in the  
UNITED KINGDOM MINISTRY OF DEFENCE  
AND ARMED FORCES  
by

ECI PT  
DE&S Abbey Wood  
Bristol  
BS34 8JH

**CONDITIONS OF RELEASE**

~~This information is released by the UK government for Defence purposes only.~~

~~This information must be afforded the same degree of protection as that afforded to information of an equivalent classification originated by the recipient Government or as required by the recipient Government's National Security regulations.~~

~~This information may be disclosed only within the Defence Department of the recipient Government, except as otherwise authorized by the Ministry of Defence (Army).~~

This information may be subject to privately owned rights.

~~THIS DOCUMENT IS THE PROPERTY OF HER BRITANNIC MAJESTY'S GOVERNMENT, and is issued for the information of such persons only as need to know its contents in the course of their official duties. Any person finding this document should hand it in to a British force unit or to a police station for its safe return to the Ministry of Defence, (DDofS), Main Building, Whitehall, London, SW1A 2 HB, with particulars of how and where found. THE UNAUTHORIZED RETENTION OR DESTRUCTION OF THIS DOCUMENT IS AN OFFENCE UNDER THE OFFICIAL SECRETS ACTS OF 1911-1989. (When released to persons outside Government service, this document is issued on a personal basis. The recipient to whom it is entrusted, in confidence, within the provisions of the Official Secrets Acts 1911-1989, is personally responsible for its safe custody and for seeing that its contents are disclosed only to authorized persons.)~~

© CROWN COPYRIGHT RESERVED

AMENDMENT RECORD

Amdt No	Incorporated By (Signature)	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

Amdt No	Incorporated By (Signature)	Date
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		

CONTENTS

	Page
<b>PRELIMINARY MATERIAL</b>	
Front cover (title page) .....	(i)
Conditions of release .....	(ii)
Amendment record sheet .....	(iii)/(iv)
Contents (this list) .....	(v)
PREFACE .....	(vi)
Introduction .....	(vi)
Related and associated publications .....	(vii)
Related publications .....	(vii)
Associated publications .....	(viii)
Abbreviations .....	( )
Warnings .....	( )
Cautions .....	( )
Comment on AESP .....	Final leaf

**TITLE**

para

- 1 Introduction
- Management information
- 4 General
- 5 Technical description
- 6 Authorised users
- 7 Reporting of dangerous incidents
- Maintenance
- 8 Engineering support policy
- 9 Special tools and test equipment (st&te)
- Supply
- 10 Spares support
- 11 Availability
- 12 Publications
- 13 Training
- 14 Reliability
- 15 Configuration management
- 19 Storage
- 22 Disposal

**PREFACE****SPONSOR: EC IPT****INTRODUCTION**

1 Any comments by service users on this publication should be forwarded through the channels prescribed in Army Equipment Support Publication (AESP) 0100-P-011-013. An AESP Form 10 is provided at the end of this publication; it should be photocopied and used for forwarding comments on this AESP.

2 AESPs are issued under UK MOD authority and where AESPs specify action to be taken, the AESP will of itself be sufficient authority for such action and also for the demanding of the necessary stores, subject to the provisions of Para 3 below.

3 The subject matter of this publication may be affected by Defence Instructions and Notices (DINs), Standing Operating Procedures (SOPs) or by local regulations. When any such Instruction, Order or Regulation contradicts any portion of this publication it is to be taken as the overriding authority.

**RELATED AND ASSOCIATED PUBLICATIONS**

**Related publications**

4 The octad for the subject equipment consists of all the categories shown in Table 1. All references are prefixed with the first eight digits of this publication. The availability of the publications can be checked by reference to the relevant Group Index in AESP 0100-A-001-013.

**TABLE 1 RELATED PUBLICATIONS**

Category/Sub-Category		Information Level				
		1 User/Operator	2 Unit Maintenance	3 Field Maintenance	4 Base Maintenance	
1	0	Purpose and Planning Information	*	*	*	*
	1	Equipment Support Policy Directives	111	111	111	111
2	0	Operating Information	201	201	201	*
	1	Aide Memoire	*	*	*	*
	2	Training Aids	*	*	*	*
3		Technical Description	201	201	201	*
4	1	Installation Instructions		*	*	*
	2	Preparation for Special Environments		*	*	*
5	1	Failure Diagnosis	201	201	201	*
	2	Repair Instructions	201	201	201	
	3	Inspection Standards	*	*	*	*
	4	Calibration Procedures	*	*	*	*
6		Maintenance Schedules	*	*	*	*
7	1	Illustrated Parts Catalogues	711	711	711	*
	2	Commercial Parts Lists	*	*	*	*
	3	Complete Equipment Schedule, Production	*	*	*	*
	4	Complete Equipment Schedule, Service Edition (Simple Equipment)	741	*	*	*
	5	Complete Equipment Schedule, Service Edition (Complex Equipment)	*	*	*	*
8	.1	Modification Instructions	*	*	*	*
	2	General Instructions, Special Technical Instructions and Servicing Instructions	*	*	*	*
	3	Service Engineered Modification Instructions (RAF only)	*	*	*	*

\* Category/Sub-category not published.

**Associated publications**

5 There are no associated publications applicable to this equipment

**ABBREVIATIONS**

6 The following abbreviations are used in this AESP octad.

<u>Abbreviation</u>	<u>Nomenclature</u>
AESP	Army Equipment Support Publication
CES	Complete Equipment Schedule
DLO	Defence Logistics Organisation
EFR	Equipment Failure Report
EMER	Electrical and Mechanical Engineering RegulationS
EM	Equipment Manager
ESPD	Equipment Support Policy Directive
ESS	Engineer Systems Support
Fd Eqpt	Field Equipment
IPT	Integrated Project Team
ISD	In Service Date
LPG	Liquefied Petroleum Gas
LSD	Logistic Support Date
MEI	Mandatory Equipment Inspections
N/A	Not applicable
PDS	Post Design Services
REME	Royal Electrical Mechanical Engineer
RLC	Royal Logistic Corp
RPS	Research Product Support
ST&TE	Special Tools and Test Equipment
UET	Unit Equipment Table

# WARNINGS AND CAUTIONS

## HAZARDOUS SUBSTANCES

7 Before using any hazardous substances or material, the user must be conversant with the safety precautions and first aid instructions:

- 7.1 on the label of the container it was supplied in;
- 7.2 on the material Safety Data Sheet;
- 7.3 in local Safety Orders and Regulations.

## WARNINGS

**(1) PERSONNEL INJURY. THE STOVE SHOULD ONLY BE USED WITH THE FOLLOWING FUELS:**

**COMMERCIAL DIESEL, OR NATO:-**

**F54-DIESEL.**

**F58 KERO 1 B.**

**F34 AVTUR (FSII).**

**F35 AVTUR.**

**F44 AVCAT.**

**(2) LIQUID FUELS ARE FLAMMABLE: SMOKING OR USE OF A NAKED FLAME IS NOT PERMITTED IN THE VICINITY OF ANY REPAIR. THE FUEL TANK IS TO BE DE-PRESSURISED BEFORE STARTING ANY REPAIR TASK.**

## CAUTIONS

**There are no CAUTIONS applicable to this equipment at this level.**

## EQUIPMENT SUPPORT POLICY DIRECTIVE (ESPD)

### INTRODUCTION

- 1 This is the Equipment Support Policy Directive (ESPD) for the following equipment:
  - 1.1 Equipment designation: Stove, multiple fuel burner No. 12.
  - 1.2 NATO stock number: J2 7310-99-252-7439.
- 2 Currently on average, 300 stoves are ordered yearly having been procured originally in 1989. It is currently manufactured by Tools of Coventry LTD.
- 3 The policy set out in this ESPD is based on the planned deployment, the role of the equipment and utilisation. This policy may be amended in the light of experience, or with changes in deployment or utilisation.

### MANAGEMENT INFORMATION

#### General

- 4 The management information relating to this equipment is as follows:
  - 4.1 Equipment Sponsor. ECI PT.
  - 4.2 Equipment Manager (EM). ECI PT.
  - 4.3 Components. ECI PT.
  - 4.4 Engineering Support. ECI PT.
  - 4.5 Supply Manager. ECI PT.
  - 4.6 Planned Role. Replaces No. 2 cooker, 7310-99-139-4027.
  - 4.7 Planned Utilisation. The stoves are designed to be used for heating composition rations. They are not suitable for any form of cooking other than boiling over a fixed flame.
  - 4.8 Priority of Allocation. Priority of allocation is to provide field/operational messing for the following:
    - 4.8.1 Priority 1. Those groups of 1-5 who are solely dependant on portable cooking equipment.
  - 4.9 Deployment. This equipment is embodied within the UET. Its deployment will be dictated by the units deployment programme in line with the force readiness cycle. The scaling of the equipment is an issue for respective Arms and Services Directorates and Equipment Sponsors.
  - 4.10 Planned life. 10 years.
  - 4.11 ISD. February 1989.

**Technical description**

5 The stove consists of a single burner mounted in a carrying case which opens to provide a windshield. A small fuel tank is pressurised by a hand plunger thereby supplying fuel to the burner. The burner is lit by using an igniter paste and once lit, provides a non-adjustable flame.

**Authorised users**

6 There is no specialised training required for this stove, although some practice at lighting with the paste is recommended.

**Reporting of dangerous incidents**

7 Following a dangerous incident an Equipment Failure Report (EFR) is to be completed. Also if documentation needs amending, AESP Form 10 is to be used.

**MAINTENANCE****Engineering support policy**

8 The engineering support policy is designed to provide REME staffs with details required to enable them to plan deployment.

## 8.1 Repair policy.

8.1.1 Level 2 (Unit) repair. Unit repair is limited to replacement of packing and washers.

8.1.2 Level 3 (Field) repair. Replacement of component parts and casing repair.

8.1.3 Level 4 (Base) repair. There is no requirement for Base repair.

8.2 Engineering resources. The following REME trades will be required to repair this equipment for Class 1 tradesmen. VT SEME Bordon run a short course on the cookset equipment as part of the Armourer basic course.

8.2.1 Armourer Class 3 or 2 at Field level.

8.2.2 Metalsmith Class 3 or 2 at Unit level.

8.2.3 Metalsmith Class 2 or 1 at Field level.

8.2.4 Civilian equivalents at Field level only.

8.3 All enquiries relating to engineering matters should be directed to ECI IPT on Bicester MIL 9352 31370.

**SPECIAL TOOLS AND TEST EQUIPMENT (ST&TE)**

9 There is no requirement for special tools or test equipment.

**SUPPLY****Spares support**

10 The cooksets are supported by ECI IPT.

**Availability**

- 11 The stove has the undermentioned characteristics:
- 11.1 Qty 1 burner at constant non adjustable firing rate.

**PUBLICATIONS**

- 12 The equipment will be supported by Army Equipment Support Publications (AESP), edited by ECI PT. The AESP Octad reference is 7310-B-100, distributed by DSDA Bicester.

**TRAINING**

- 13 There is no specialist training on this equipment.

**RELIABILITY**

- 14 There are no statements of reliability for this equipment.

**CONFIGURATION MANAGEMENT**

- 15 Configuration control procedures. N/A.
- 16 Post Design Services (PDS). None planned, but ECI PT to provide if required.
- 17 Modifications. Modifications to this equipment will be authorised by ECI PT.
- 18 Midlife/extended life upgrades. N/A.

**STORAGE**

- 19 Packaging. N/A.
- 20 Controlled/non-controlled environments storage. No special storage considerations exist for this equipment, however, where possible, it should be located under cover.
- 21 Shelf life items. N/A.

**DISPOSAL**

- 22 Disposal of this equipment shall be authorised by ECI PT

COMMENT(S) ON AESP\*

To: ECI PT  
 MoD, Abbey Wood  
 Bristol  
 B34 8JH

From: .....  
 .....  
 .....

<b>Senders Reference</b>	<b>BIN Number</b>	<b>Date</b>
<b>AESP* Title:</b>		
<b>Chapter(s)/Instruction</b>		<b>Page(s)/Paragraph(s)</b>
If you require more space please use the reverse of this form or a separate piece of paper. <b>Comment(s):</b>		

Signed: ..... Telephone No: .....

Name (Capitals): ..... Rank/Grade: ..... Date: .....

✂ .....

**FOR AESP\* SPONSOR USE ONLY**

To: ..... From: .....  
 .....  
 .....

Thank you for commenting on AESP\* .....

Your reference: ..... Date: .....

<b>Action is being taken to:</b>	<b>Tick</b>	<b>Tick</b>
Issue a revised/amended AESP*		Under investigation
Incorporate comment(s) in future amendments		No action required
<b>Remarks</b>		

Signed: ..... Telephone No: .....

Name (Capitals): ..... Rank/Grade: ..... Date: .....

\* AESP or EMER