

RESTRICTED

CONTENTS

Section	Subject	Page	
		From	To
1.	Contents	i	iii
2.	GLOSSARY	iv	iv
PART I (All Arms)			
<u>CHAPTER I - RESPONSIBILITIES</u>			
1.	Responsibilities	1-1	1-2
2.	All Arms Responsibilities	2-1	2-1
<u>CHAPTER II – DESIGN OF HIGH EXPLOSIVE BOMBS</u>			
3.	General	3-1	3-1
4.	Construction	4-1	4-2
5.	The Main Filling and the Exploder System	5-1	5-2
6.	Fuzes	6-1	6-3
7.	Types of High Explosive Bombs and Their Probable Fuzing	7-1	7-6
8.	Conclusions	8-1	8-1
<u>CHAPTER III – RECONNAISSANCE FOR UNEXPLODED HE BOMBS</u>			
9.	Preamble	9-1	9-3
10.	Blast	10-1	10-5
11.	Bomb Splinters	11-1	11-4
12.	Earth Shock	12-1	12-1
13.	Craters	13-1	13-3
14.	Camouflets	14-1	14-3
15.	Other Indications of Explosion	15-1	15-1
16.	Unexploded Bombs on the Surface	16-1	16-2
17.	Entry Holes	17-1	17-5
18.	Buildings Struck by Bombs Which Fail to Explode	18-1	18-1
19.	Secondary Debris and Secondary Splinters	19-1	19-1
20.	Identification of Bombs by Fragments	20-1	20-1
21.	Summary	21-1	21-2

RESTRICTED

RESTRICTED

Section	Subject	Page	
		From	To
<u>CHAPTER IV – WHAT TO DO WHEN A UXB HAS BEEN DISCOVERED</u>			
22.	Introductory	22-1	22-3
23.	Evacuation	23-1	23-5
24.	Protective Works	24-1	24-11
25.	Reporting	25-1	25-3
25A.	Priorities	25A-1	25A-2
<u>CHAPTER V – MISCELLANEOUS AIR-WARFARE MISSILES</u>			
26.	General	26-1	26-1
27.	Guided Missiles	27-1	27-1
28.	Flying Bombs	28-1	28-2
29.	Long Range Rockets	29-1	29-2
30.	Rocket Propelled Ammunition	30-1	30-2
31.	Incendiary Bombs Combustible Cased Incendiaries	31-1	31-4
32.	Gas Bombs	32-1	32-1
33.	Containers	33-1	33-2
34.	Pyrotechnics	34-1	34-2
35.	Sea Mines	35-1	35-2
36.	AA Shells	36-1	36-1
37.	Aeroplane Cannon Shells	37-1	37-1
<u>CHAPTER VI – SMALL ANTI-PERSONNEL BOMBS. SEARCHING AND DISPOSAL</u>			
38.	The Problem and Responsibilities	38-1	38-1
39.	Searching	39-1	39-4
40.	Protective Works and Disposal	40-1	40-2
<u>PART II (Engineers)</u>			
<u>CHAPTER VII – ENGINEER RECONNAISSANCE</u>			
41.	Checking the Report	41-1	41-2
42.	Disposal requirement of an Unexploded bomb	42-1	42-3
43.	Estimating the Position of a Buried UXB	43-1	43-3
44.	Locating a Buried Bomb (II)	44-1	44-8

RESTRICTED

Section	Subject	Page	
		From	To
<u>CHAPTER VIII – GAINING ACCESS TO BURRIED BOMBS</u>			
45.	Shafting	45-1	45-7
46.	Headings	46-1	46-2
<u>CHAPTER IX – FINAL DISPOSAL</u>			
47.	Demolition	47-1	47-9
48.	Disposal Other than by Demolition	48-1	48-2
	A. Bomb Disposal Policy	48A1-1	48A1-2
	B. Disposal Of Stray Ammunition	48B1-1	48B1-2
	C. Disposal of HE Bombs In Dumps	48C1-1	48C1-2
	D. Standard Bomb Disposal Shafts	48D1-1	48D1-12
	E. Constructing a Standard Heading	48E1-1	48E1-15

GLOSSARY

Terms and abbreviations used not defined elsewhere in this pamphlet

UXB	- Unexploded bomb (Sometimes used loosely to refer to any unexploded air warfare missile).
BD	- Bomb disposal (Sometimes used loosely to mean disposal of any unexploded air- warfare missile).
HE	- High explosive.
AA	- Anti-aircraft.
Pyrotechnics	- Missiles containing chemicals which produce illumination or smoke by burning.
Drogue	- Device for slowing down and steadying a falling bomb.
Stick	- A number of bombs dropped in rapid succession from an aircraft.

Terms and abbreviations not used in this pamphlet but likely to be met in other bomb disposal literature

Charge/Weight ratio-	- A ratio-usually expressed as a percentage-comparing the weight of the charge to the total weight of the bomb.
High charge	- A bomb having a charge/weight ratio higher than 70 per cent.
Medium Charge	- A bomb having a Charge/weight ratio between 40 per cent and 70 per cent.
Low Charge	- A bomb having a Charge/weight ratio less than 40 per cent.
Kopf-ring	- German name, now commonly adopted same as retarder ring.
Gain	- Similar to a detonator.