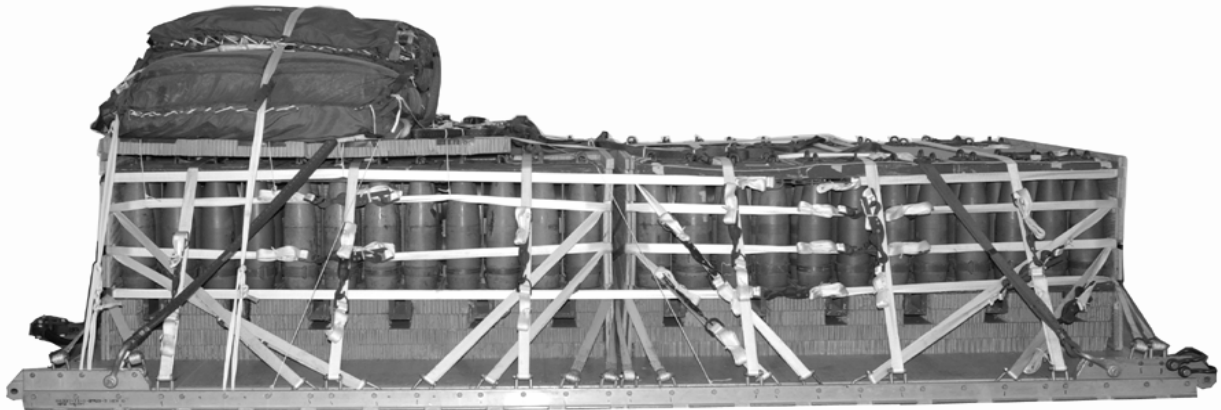




**AIRDROP OF SUPPLIES AND EQUIPMENT:
RIGGING TYPICAL SUPPLY LOADS**



MAY 2004

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**AIRDROP OF SUPPLIES AND EQUIPMENT:
RIGGING TYPICAL SUPPLY LOADS**

TABLE OF CONTENTS

	Paragraph	Page
PREFACE		vii
CHAPTER 1 INTRODUCTION		
Description of Items	1-1	1-1
Special Considerations	1-2	1-1
Air Force Unilateral Loads.....	1-3	1-1
CHAPTER 2 RIGGING SUPPLY LOADS ON AN 8-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP		
SECTION I RIGGING BULK SUPPLIES		
Description of Load.....	2-1	2-1
Preparing Platform.....	2-2	2-1
Placing Honeycomb	2-3	2-3
Positioning and Securing Load.....	2-4	2-4
Constructing and Installing Endboards.....	2-5	2-6
Installing Lashings.....	2-6	2-8
Installing Parachute Stowage Platform.....	2-7	2-11
Installing Suspension Slings and Deadman's Tie	2-8	2-12
Preparing and Stowing Cargo Parachutes.....	2-9	2-13
Installing the Release System	2-10	2-14
Installing the Extraction System	2-11	2-15
Placing Extraction Parachute.....	2-12	2-16
Installing Provisions for Emergency Restraints	2-13	2-16
Marking Rigged Load	2-14	2-16
Equipment Required	2-15	2-16

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SECTION II RIGGING BULK SUPPLIES IN A-22 CARGO BAGS

	Paragraph	Page
Description of Load	2-16	2-20
Preparing Platform	2-17	2-20
Placing Honeycomb	2-18	2-20
Preparing, Stowing and Rigging Load	2-19	2-21
Positioning Load	2-20	2-21
Installing Lashings	2-21	2-22
Installing Suspension Slings and Deadman's Tie	2-22	2-26
Installing Parachute Stowage Platform	2-23	2-27
Installing Parachutes	2-24	2-28
Installing the Release System	2-25	2-29
Installing the Extraction System	2-26	2-30
Placing Extraction Parachute	2-27	2-31
Installing Provisions for Emergency Restraints	2-28	2-31
Marking Rigged Load	2-29	2-31
Equipment Required	2-30	2-31

CHAPTER 3 RIGGING SUPPLY LOADS ON A 12-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

Description of Load	3-1	3-1
Preparing Platform	3-2	3-1
Placing Honeycomb	3-3	3-3
Positioning and Securing Load	3-4	3-4
Constructing and Installing Endboards	3-5	3-6
Installing Lashings	3-6	3-8
Installing Suspension Slings and Deadman's Tie	3-7	3-11
Installing Parachute Stowage Platform	3-8	3-12
Preparing and Stowing Cargo Parachutes	3-9	3-13
Installing the Release System	3-10	3-14
Installing the Extraction System	3-11	3-15
Placing Extraction Parachute	3-12	3-16
Installing Provisions for Emergency Restraint	3-13	3-16
Marking Rigged Load	3-14	3-16
Equipment Required	3-15	3-16

CHAPTER 4 RIGGING FORWARD AREA SURGICAL TEAM (FAST) EQUIPMENT ON A 12-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

Description of Load	4-1	4-1
Preparing Platform	4-2	4-1
Positioning Lashings	4-3	4-3
Constructing and Forming Storage Box Components	4-4	4-5
Preparing Honeycomb Stacks	3-5	4-10
Positioning Honeycomb Stacks and Assembling Sides of Storage Box	4-6	4-11

	Paragraph	Page
Positioning Drop Items	4-7	4-12
Closing and Securing Box	4-8	4-12
Installing Lashings	4-9	4-15
Installing Suspension Slings and Deadman's Tie	4-10	4-19
Preparing and Stowing Cargo Parachutes	4-11	4-20
Installing the Release System	4-12	4-21
Installing the Extraction System	4-13	4-22
Placing Extraction Parachute	4-14	4-23
Installing Provisions for Emergency Restraints	4-15	4-23
Marking Rigged Load	4-16	4-23
Equipment Required	4-17	4-23

CHAPTER 5 RIGGING SUPPLY LOADS ON A 16-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

SECTION I RIGGING 105-MILLIMETER (MM) AMMUNITION

Description of Load	5-1	5-1
Preparing Platform	5-2	5-1
Building Honeycomb Stacks and Placing First Stack	5-3	5-3
Positioning and Securing First Ammunition Stack	5-4	5-4
Constructing and Placing Endboards	5-5	5-7
Installing Lashings on First Ammunition Stack	5-6	5-8
Positioning and Securing Second Ammunition Stack	5-7	5-12
Installing Lashings on Second Ammunition Stack	5-8	5-14
Installing Load Cover, Suspension Slings and Deadman's Tie	5-9	5-18
Installing Parachutes	5-10	5-19
Installing the Release System	5-11	5-20
Installing the Extraction System	5-12	5-21
Placing Extraction Parachute	5-13	5-22
Installing Provisions for Emergency Restraints	5-14	5-22
Marking Rigged Load	5-15	5-22
Equipment Required	5-16	5-22

SECTION II RIGGING 155-MILLIMETER (MM) AMMUNITION

Description of Load	5-17	5-26
Preparing Platform	5-18	5-26
Building Honeycomb Stacks and Placing First Stack	5-19	5-28
Positioning and Securing First Ammunition Stack	5-20	5-29
Constructing Endboards	5-21	5-31
Installing Lashings on First Ammunition Stack and First and Second Endboards	5-22	5-32
Positioning Second Ammunition Stack and Third and Fourth Endboards	5-23	5-35
Lashing Second Ammunition Stack and Third and Fourth Endboards	5-24	5-35
Installing Suspension Slings and Deadman's Tie	5-25	5-38
Installing Parachutes	5-26	5-39
Installing Release System	5-27	5-40

	Paragraph	Page
Installing the Extraction System	5-28	5-41
Placing Extraction Parachute	5-29	5-42
Installing Provisions for Emergency Restraints	5-30	5-42
Marking Rigged Load	5-31	5-42
Equipment Required	5-32	5-42
SECTION III	RIGGING 20-MILLIMETER (MM) AMMUNITION	
Description of Load	5-33	5-46
Preparing Platform	5-34	5-46
Building Honeycomb Stacks and Placing First Stack	5-35	5-48
Positioning and Securing First Ammunition Stack	5-36	5-49
Constructing and Placing Endboards	5-37	5-50
Lashing First Ammunition Stack and First and Second Endboards	5-38	5-51
Positioning Endboards, Placing Second Ammunition Stack, and Pre-Positioning Lashings	5-39	5-56
Lashing Second Ammunition Stack and Third and Fourth Endboards	5-40	5-58
Installing Load Cover, Suspension Slings and Deadman's Tie	5-41	5-64
Installing Parachutes	5-42	5-66
Installing the Release System	5-43	5-67
Installing the Extraction System	5-44	5-68
Placing Extraction Parachute	5-45	5-69
Installing Provisions for Emergency Restraints	5-46	5-69
Marking Rigged Load	5-47	5-69
Equipment Required	5-48	5-69
SECTION IV	RIGGING MASS SUPPLY BOX	
Description of Load	5-49	5-73
Preparing Platform	5-50	5-73
Placing Lashings on Platform	5-51	5-75
Constructing and Forming Storage Box Components	5-52	5-76
Loading and Closing Boxes	5-53	5-80
Installing Lashings	5-54	5-81
Installing Load Cover, Suspension Slings and Deadman's Tie	5-55	5-91
Installing Parachutes	5-56	5-92
Installing the Release System	5-57	5-93
Installing the Extraction System	5-58	5-94
Placing Extraction Parachute	5-59	5-95
Installing Provisions for Emergency Restraints	5-60	5-95
Marking Rigged Load	5-61	5-95
Equipment Required	5-62	5-95

	Paragraph	Page
CHAPTER 6	RIGGING MASS SUPPLY BOX ON A 20-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP	
	Description of Load	6-1 6-1
	Preparing Platform	6-2 6-1
	Placing Lashings on Platform	6-3 6-3
	Constructing and Forming Storage Box Components	6-4 6-4
	Loading and Closing the Boxes	6-5 6-8
	Installing Lashings	6-6 6-8
	Installing Load Cover, Suspension Slings and Deadman's Tie	6-7 6-17
	Installing Parachutes	6-8 6-18
	Installing the Release System	6-9 6-19
	Installing the Extraction System	6-10 6-20
	Placing Extraction Parachute	6-11 6-21
	Installing Provisions for Emergency Restraints	6-12 6-21
	Marking Rigged Load	6-13 6-21
	Equipment Required	6-14 6-21
CHAPTER 7	RIGGING PALLETIZED LOAD SYSTEM (PLS) ON A 24-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP	
SECTION I	RIGGING 105-MILLIMETER (MM) AMMUNITION	
	Description of Load	7-1 7-1
	Preparing Platform	7-2 7-1
	Preparing and Positioning Honeycomb	7-3 7-3
	Preparing PLS Pallet	7-4 7-7
	Positioning PLS Pallet on Platform	7-5 7-9
	Lashing PLS Pallet to Platform	7-6 7-10
	Placing and Lashing the Load	7-7 7-13
	Installing and Safetying Suspension Slings	7-8 7-21
	Building Parachute Stowage Platform	7-9 7-23
	Installing Cargo Parachutes	7-10 7-24
	Installing the Release System	7-11 7-25
	Installing the Extraction System	7-12 7-26
	Placing Extraction Parachute	7-13 7-27
	Installing Provisions for Emergency Restraints	7-14 7-27
	Marking Rigged Load	7-15 7-27
	Equipment Required	7-16 7-27
SECTION II	RIGGING A-22 CARGO BAGS	
	Description of Load	7-17 7-31
	Preparing Platform	7-18 7-31
	Preparing and Positioning Honeycomb	7-19 7-33
	Preparing PLS Pallet	7-20 7-37

	Paragraph	Page
Positioning PLS Pallet on Platform	7-21	7-39
Lashing PLS Pallet to Platform	7-22	7-40
Placing and Lashing the Load	7-23	7-43
Installing and Safetying Suspension Slings	7-24	7-49
Building Parachute Stowage Platform and Installing Cargo Parachutes	7-25	7-51
Installing Release System	7-26	7-53
Installing the Extraction System	7-27	7-54
Placing Extraction Parachute	7-28	7-55
Installing Provisions for Emergency Restraints	7-29	7-55
Marking Rigged Load	7-30	7-55
Equipment Required	7-31	7-55

CHAPTER 8 RIGGING 155-MILLIMETER (MM) AMMUNITION MODULAR ARTILLERY CHARGE SYSTEM (MACS) ON A 16-FOOT, TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

Description of Load	8-1	8-1
Preparing Platform	8-2	8-1
Building Honeycomb Stacks 1 and 2 and Positioning Stack 1	8-3	8-3
Positioning and Securing the First Ammunition Stack	8-4	8-4
Constructing Endboards	8-5	8-8
Lashing the First Ammunition Stack and Using the First and Second Endboards	8-6	8-9
Positioning Stack 2 and Positioning and Securing the Second Ammunition Stack	8-7	8-12
Lashing the Second Ammunition Stack and Using the Third and Second Endboards	8-8	8-16
Installing Suspension Slings and Deadman's Tie	8-9	8-19
Building and Positioning Parachute Stowage Platform	8-10	8-20
Preparing and Stowing Cargo Parachutes	8-11	8-21
Installing the Release System	8-12	8-22
Installing the Extraction System	8-13	8-23
Placing Extraction Parachute	8-14	8-24
Installing Provisions for Emergency Restraints	8-15	8-24
Marking Rigged Load	8-16	8-24
Equipment Required	8-17	8-24

APPENDIX Appendix-1

GLOSSARY Glossary-1

REFERENCES References-1

PREFACE

SCOPE

This manual tells and shows how to prepare and rig mass supply loads. Procedures are given for typical loads that can be contained by the methods shown. These procedures are meant as a guide, and may be adapted to specific loads. Procedures are also given for some specific ammunition loads. This manual is designed for all parachute riggers.

USER INFORMATION

The proponent of this publication is HQ TRADOC. You are encouraged to report any errors or omissions and to suggest ways to make this a better manual. Army personnel, send your comments on DA Form 2028 directly to:

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Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

Chapter 1

INTRODUCTION

DESCRIPTION OF ITEMS

1-1. Bulk supplies consisting of rations, fuels, lubricants, ammunition, and various unit equipment can be rigged on standard airdrop platforms using the procedures given in this manual. Items packaged in containers or units of the same size, such as rations and ammunition are rigged using lashings and endboards. These procedures can be adapted for loads that are different from the specific ammunition loads shown. Some items are more easily rigged in A-22 containers. Items of varying and irregular size can be padded, secured, and contained in mass supply boxes on 12, 16, and 20-foot platforms. Additionally, items using endboards and A-22 containers are shown rigged using the palletized load system (PLS).

CAUTION

The load weights may vary from the loads shown. Be sure that each load is weighed, and the parachute requirements, CB, and tip-off curve computed.

SPECIAL CONSIDERATIONS

1-2. Special considerations for this manual are given below.

- a. The loads covered in this manual may include hazardous materials as defined in AFMAN(I) 24-204/TM 38-250. If included, the hazardous materials must be packaged, marked, and labeled as required by AFMAN(I) 24-204/TM 38-250.
- b. Only ammunition listed in FM 4-20.153/MCRP 4-11.3B/TO 13C7-18-41 may be airdropped.
- c. A copy of this manual must be available to the joint airdrop inspectors during the before- and after-loading inspection.

AIR FORCE UNILATERAL LOADS

1-3. Air Force unilateral loads are used to support wing airdrop proficiency requirements. The loads are designed as an alternative to actual rigged loads, using the procedures for rigging mass supplies on an 8-foot Type V platform. Ballast for the unilateral platform loads normally consists of railroad ties, lumber or ammo boxes filled with dirt or rocks, however any material may be used as long as it is sufficiently restrained. The following exceptions to FM 4-20.102/NAVSEA SS400-AB-MMO-010/TO 13C7-1-5 and this manual are authorized for Air Force unilateral loads only: