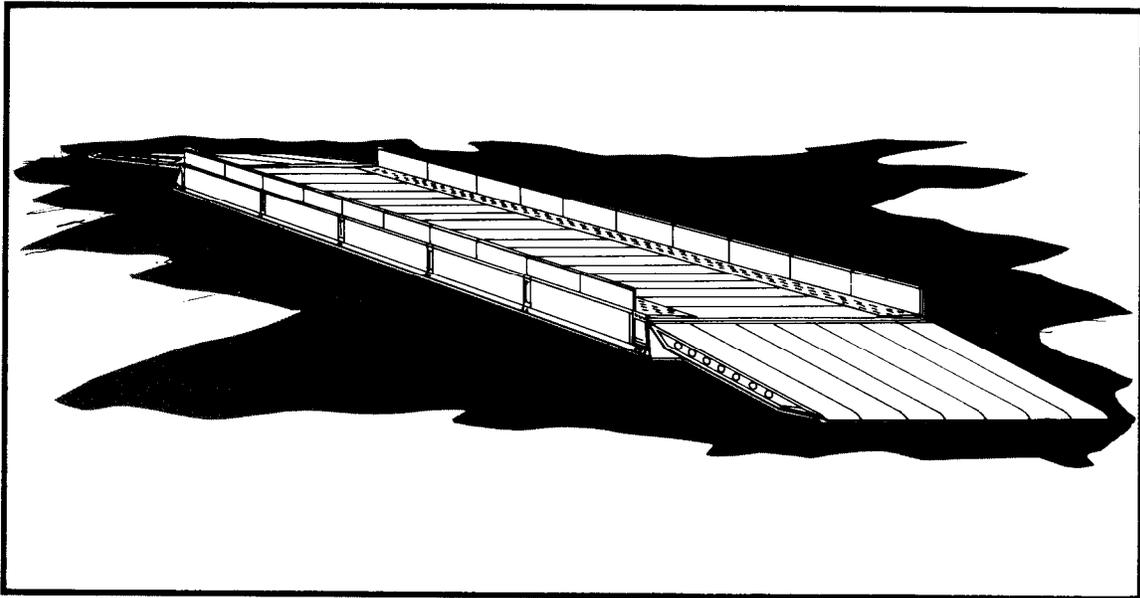


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**ARMY FM 10-541
AIR FORCE TO 13C7-11-21**

AIRDROP OF SUPPLIES AND EQUIPMENT:

**RIGGING
MILITARY BRIDGES**



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AIRDROP OF SUPPLIES AND EQUIPMENT RIGGING MILITARY BRIDGES

This change adds the procedures for rigging the five-bay and the seven-bay, single-story, medium girder (fixed) bridges on a type V platform for low-velocity and LAPE airdrops.

FM 10-541/TO 13C7-11-21, 5 March 1984, is changed as follows:

1. New or changed material is identified by a vertical bar in the margin opposite the changed material.
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Cover page	Cover page
i through iii	i through vi
1-1	1-1
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Glossary-1	Glossary-1
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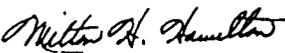
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FIELD MANUAL
NO 10-541
TECHNICAL ORDER
NO 13C7-11-21

HEADQUARTERS
DEPARTMENTS OF THE ARMY
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Washington, DC, 5 March 1984

AIRDROP OF SUPPLIES AND EQUIPMENT RIGGING MILITARY BRIDGES

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*This manual supersedes TM 10-500-41/TO 13C7-11-21, 17 March 1966.

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GLOSSARY

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PREFACE

SCOPE

This manual tells and shows how to rig aluminum deck sections with auxiliary components for a low-velocity airdrop. Eight pontoon boats also are rigged for low-velocity airdrop. This manual tells and shows how to rig the aluminum bridge deck balk with transverse stiffeners and bridge plates and accessories for low-velocity airdrop. Only the C-130 aircraft can be used for the airdrop of these loads. This manual also shows and tells how to rig the five- and seven-bay, single-story, medium girder (fixed) bridges for low-velocity and LAPE airdrops from the C-130 aircraft. These bridges may also be rigged for low-velocity airdrop from the C-141 aircraft. This manual is designed to be used by 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 for making this a better manual. Army personnel, send your comments on DA Form 2028 directly to:

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Air Force personnel, send your reports on AFTO Form 22 through:

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CHAPTER 1

INTRODUCTION

1-1. Description of Items

The description of the items covered in this manual is as follows:

a. The aluminum deck sections with auxiliary components weigh 5,771 pounds.

b. Eight pontoon boats with cradle weigh 5,660 pounds.

c. The deck balk with stiffeners weighs 19,596 pounds.

d. The bridge plates and accessories weigh 2,528 pounds.

e. The five-bay bridge weighs 11,522 pounds.

f. The seven-bay bridge weighs 15,135 pounds.

1-2. Special Considerations

A copy of this manual must be available to the joint airdrop inspectors during before- and after-loading inspections.