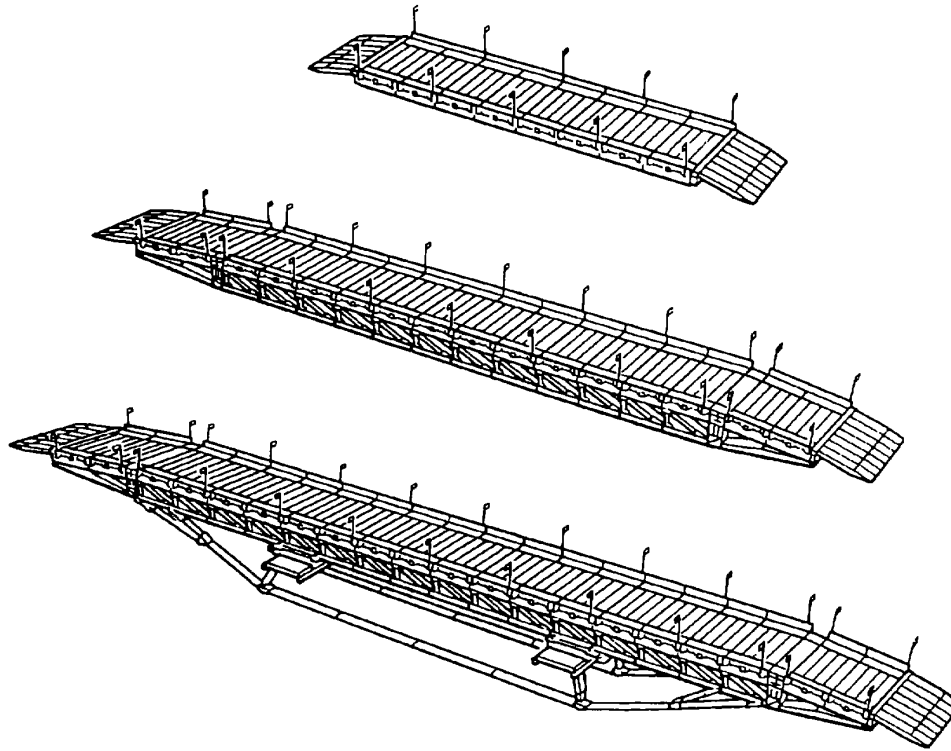


**UNIT AND DIRECT SUPPORT  
MAINTENANCE MANUAL**



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**MEDIUM GIRDER BRIDGE**

**INCLUDING**

**BRIDGE SET**

**NSN 5420-00-172-3520**

**BRIDGE ERECTION SET**

**NSN 5420-00-172-3519**

**LINK REINFORCEMENT SET**

**NSN 5420-01-139-1503**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**AND HEADQUARTERS, U.S. MARINE CORPS**

**26 AUGUST 1992**

TECHNICAL MANUAL

NO. 5-5420-212-23

HEADQUARTERS,  
DEPARTMENT OF THE ARMY AND  
HEADQUARTERS, U.S. MARINE CORPS  
WASHINGTON, D.C., 26 AUGUST 1992

UNIT AND DIRECT SUPPORT  
MAINTENANCE MANUAL

MEDIUM GIRDER BRIDGE (MGB)  
INCLUDING  
BRIDGE SET NSN 5420-00-172-3520  
BRIDGE ERECTION SET NSN 5420-00-172-3519  
LINK REINFORCEMENT SET NSN 5420-01-139-1503

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## CHAPTER 1 INTRODUCTION

### Section I. GENERAL INFORMATION

#### 1-1 SCOPE

This is a maintenance manual for the use of the Unit and Direct Support Maintenance functions. The manual covers the bridge set, bridge erection set and link reinforcement set components, as allocated by the Maintenance Allocation Chart in Appendix B of this manual. Further maintenance instructions for MGB can be found in TM 5-5420-212-10-1, Operator's Manual, and DMWR 5-5420-212, Depot Maintenance Work Requirement.

#### 1-2 MAINTENANCE FORMS, RECORDS AND REPORTS

a. ARMY. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System.

b. MARINE CORPS. Maintenance forms and procedures will be those prescribed by TM 4700-15/1.

#### 1-3 DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-3.

#### 1-4 CALIBRATION

Calibration is not required on any equipment at these levels of maintenance.

#### 1-5 PREPARATION FOR STORAGE OR SHIPMENT

Packaging and administrative storage is covered in Chapter 2, section VII of this manual.

#### 1-6 OFFICIAL NOMENCLATURE, NAMES AND DESIGNATIONS

##### COMMON NAME

Adjustable Support

Anchor Assembly (AA)

Anchorage Pin Assembly

Anti-Flutter Tackle (AF)

Bankseat Beam (BSB)

Baseplate (Single Story)

Baseplate (Double Story)

Bottom Panel (BP)

Bracing Pin

##### OFFICIAL NOMENCLATURE

Roller Beam Support, Adjustable, Bridge

Anchor Piece Assembly

Anchorage Pin Assembly, Mk 2

Anti-Flutter Cable Assembly

Beam, Bankseat, Bridge

Baseplate, Roller Beam Support

Baseplate, Building Frame, Bridge

Panel, Bottom, Bridge

Pin, Bracing