

TM 9-6650-215-34

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

FIELD MAINTENANCE MANUAL BINOCULAR M18



HEADQUARTERS, DEPARTMENT OF THE ARMY
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BINOCULAR M18

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. This manual contains instructions for the field maintenance of binocular M18 with equipment (fig. 1).

b. These instructions are used in conjunction with and are supplementary to those in the operator and organizational maintenance manual, Instructions for operation, operator's maintenance, and organizational maintenance are in TM 9-6650-215-12. It may be necessary to refer to this manual for complete procedures.

c. A description of the item, serviceability inspections, inspection procedures, and repair operations are presented in this manual.

d. The appendix contains a list of current references, including supply and technical manuals, forms, and other available publications applicable to binocular M18.

2. Comments

This first edition is being published in advance of complete technical review. The direct reporting of errors, omissions, and recommendations for improving this equipment manual by the individual user is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen, or typewriter. DA Form 2028 will be completed in triplicate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to Commanding Officer, Frankford Arsenal, ATTN: SMUFA-3100, Philadelphia, Pennsylvania, 19137. One information copy will be provided to the individual's immediate superior,

3. Maintenance Allocation and Parts

a. Field maintenance responsibilities are limited to those specified in the main-

tenance allocation chart, appendix III, TM 9-6650-215-12.

b. Repair parts and special tools authorized to field maintenance units are listed in TM 9-6650-215-35P.

4. Maintenance Technique

a. The maintenance technique IROAN (Inspect, Repair, Only As Necessary) will be used to restore this materiel to serviceable condition.

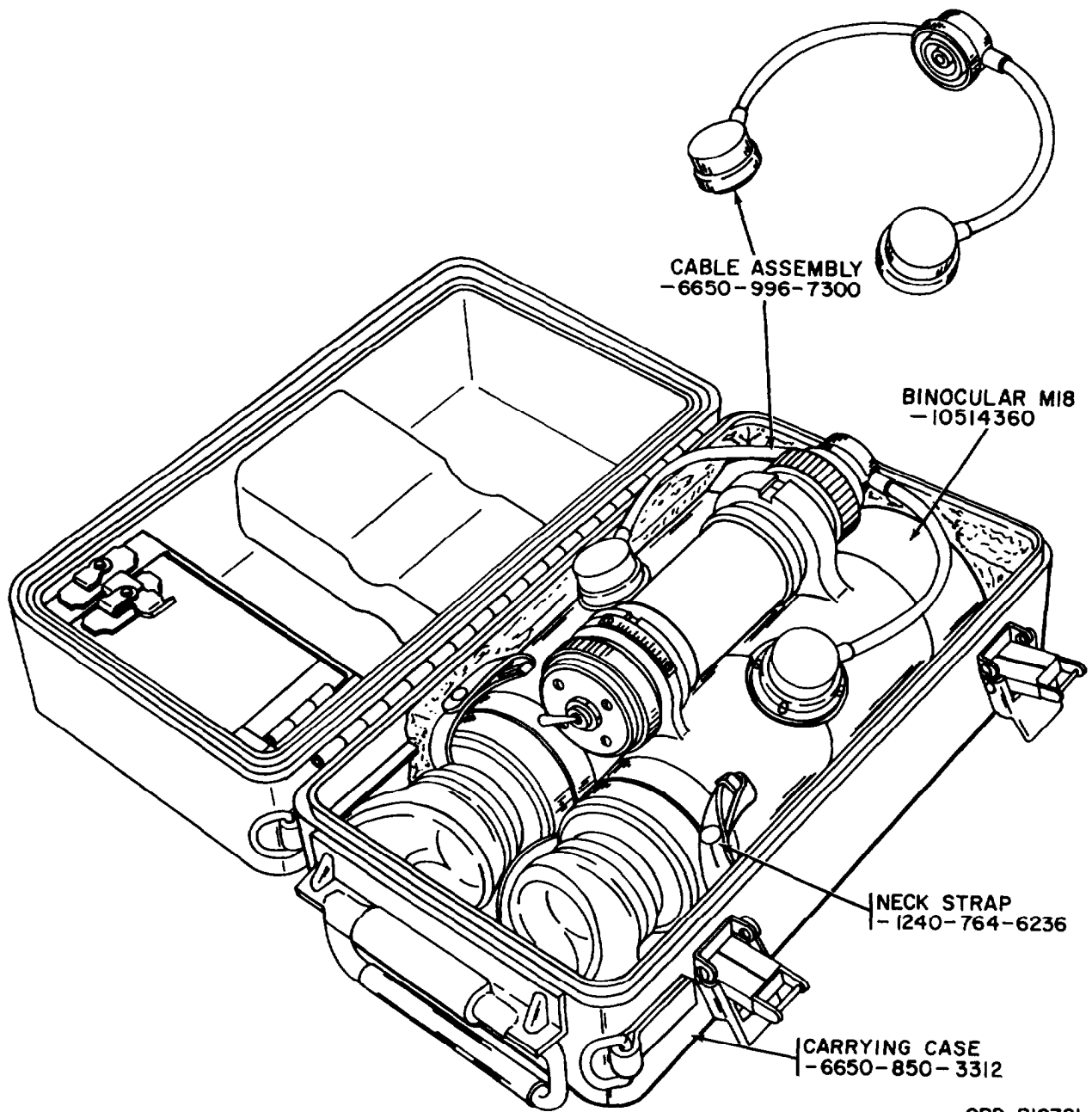
b. IROAN is the systematic isolation and remedy of a malfunction or defective component through tests, diagnosis, and singular repair. No segment of the materiel is disassembled before the definite need for disassembly has been established.

5. Forms, Records, and Reports

a. General. Responsibility for the proper execution of forms, records, and reports rests upon the commanding officers of all units maintaining binocular M18. However, the value of accurate records must be fully appreciated by all persons responsible for their compilation, maintenance, and use. Records, reports, and authorized forms are normally utilized to indicate the type, quantity, and condition of materiel to be inspected, to be repaired, or to be used in repair. Properly executed forms convey authorization and serve as records of work performed. The forms, records, and reports establish the work required, the progress of the work, and the status of the materiel upon completion of its repair.

b. Authorized Forms. The forms generally applicable to units maintaining this materiel are listed in TM 38-750.

c. Field Report of Accidents. The reports necessary to comply with the requirements of the Army safety program are prescribed in detail in AR 385-40.



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Figure 1. Binocular M18 with equipment 6650-863-5667 in carrying case 6650-850-3312.

These reports are required whenever accidents involving injury to personnel or damage to materiel occur.

d. Equipment Improvement Recommen-

dations. Deficiencies detected in the equipment or materials should be reported using the Equipment Improvement Recommendation Section of DA Form 2407.