

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL AND DS MAINTENANCE MANUAL

INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS

HEADSET-MICROPHONE 19LB-87

Headquarters, Department of the Army, Washington, D. C.
20 April 1970

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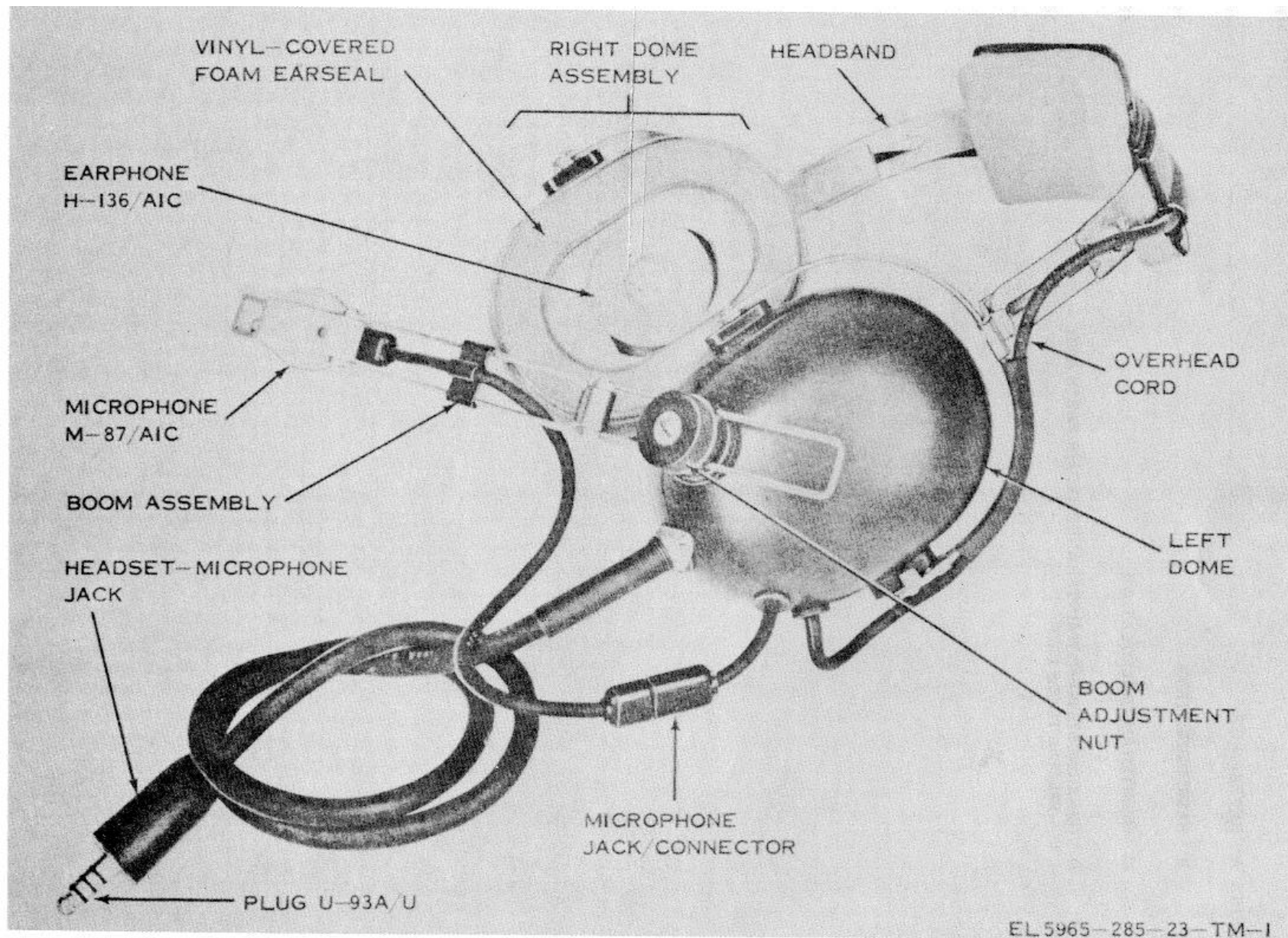


Figure 1-1. Headset-Microphone 19LB-87.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes Headset-Microphone 19LB-87 (fig. 1-1) and covers equipment installation, operation, functioning, and organizational and direct support maintenance. It includes cleaning and inspection of the equipment, and replacement of parts available to organizational and direct support maintenance personnel.

b. The basic issue items list appears in appendix B, the maintenance allocation chart is in appendix C, and the repair parts and special tool lists appear in appendix D.

NOTE

Appendixes B, C, and D are current as of January 1970.

1-2. Indexes of Publications

a. *DA Pam 310-4*. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. *DA Pam 310-7*. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Form and Records

a. *Reports of Maintenance and Unsatisfactory Equipment*. Use equipment forms and records in accordance with instructions given in TM 38-750.

b. *Report of Packaging and Handling Deficiencies*. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as prescribed in AR 700-58 (Army), NAVSUP Pub 378 (Navy), AFR 71-4 (Air Force), and MCO P4030.29 (Marine Corps).

c. *Discrepancy in Shipment Report (DISREP) (SF 361)*. Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 5538 (Army), NAVSUP Pub 459 (Navy), AFM 75-34 (Air Force), and MCO P4610.19 (Marine Corps).

d. *Reporting of Equipment Publication Improvements*. The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-EM, Fort Monmouth, N. J., 07703.

Section II. DESCRIPTION AND DATA

1-4. Purpose and Use.

The 19LB-87 is a lightweight headset-microphone designed to provide intelligible communication in a high-noise environment. The 19LB-87 is used with classified electronic communication equipment under control of the Army Security Agency (ASA). Information regarding specific application of this headset-microphone is available from the ASA on a need-to-know basis.

1-5. Technical Characteristics

Type:

H-136/AIC earphone Moving coil, dynamic.
M-87/AIC microphone Moving coil, dynamic,
noise canceling.

Frequency response:

H-136/AIC earphone 200 to 6,000 Hz.
M-87/AIC microphone 200 to 6,000 Hz.