

**\* TM 10-227**

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**TECHNICAL MANUAL**  
**FITTING OF ARMY UNIFORMS**  
**AND FOOTWEAR**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

\* This manual supersedes TM 10-227, dated 29 July 1994

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**  
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TECHNICAL MANUAL  
NO. 10-227

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
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## FITTING OF ARMY UNIFORMS AND FOOTWEAR

### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Soldier and Biological Chemical Command, ATTN: AMSSB-RIM-E(N), Kansas Street, Natick, MA, 01760-5052. You may also submit your recommended changes by E-mail directly to <amsscsr@natick-amed02.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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## CHAPTER 1

### INTRODUCTION

**1-1. PURPOSE AND SCOPE** To provide a guide for Commanders and personnel engaged in the fitting of uniforms and foot wear for both male and female soldiers.

**1-2 REPORTING OF ERRORS, OMISSIONS AND RECOMMENDATIONS.** The reporting of errors, omissions and recommendations for improving this manual is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications and Blank Forms. Forward completed forms to Commander, US Army Soldier Systems Command, Natick RD&E Center, ATTN: AMSSB-RIM-E(N), Natick, MA 01760-5052. Reasons should be provided on each comment to ensure complete understanding of the recommendation for proper evaluation.

**1-3 RESPONSIBILITIES.** Commanders, at all levels, are responsible for ensuring that all personnel in their command have properly fitted uniforms and footwear.

#### **1-4 DEFINITIONS.**

**a. Body Measurement.** An individual's physical dimensions measured over the underclothing usually worn.

**b. Drop.** The difference between an individuals chest and waist measurements. The normal drop ranges from four to seven inches.

**c. Model.** Model refers to the length of the garment. Ordinarily, five separate lengths (models) are established: extra short (XS), short (S), regular (R), long (L) and extra long (XL).

**d. Sizing System.** Clothing items are supplied in sizes according to importance of fit.

**(1) Adjective Size.** When an exact fit is not critical, the item is supplied in five or six sizes, with each size fitting a certain range of body measurements. For example, a size large undershirt will fit individuals with chest measurements ranging from 42 to 44 inches.

**(2) Numeric Size.** When an exact fit is critical, items are supplied in many sizes: one size for each inch of body measurement. Uniform coats are available in 70 separate sizes. An example of numerical sizing is 40 extra short, 40 short, 40 regular, 40 long, and 40 extra long.

**e. Special Measurement Sizes.** Special measurement clothing and footwear is provided to personnel who cannot be properly fitted through alterations to standard tariff sizes. Special measurement sizes may include tariff sizes which must be altered radically to compensate for an individual's physical measurement.

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**f. Subgarments.** Items of clothing that are worn under the garment being fitted, or items as belts/buckles.

**g. Tariff Size.** Tariff refers to the worldwide frequency of issue of each size within the total size range of a particular clothing or footwear item. It is used to justify procurement for stockage within the supply system.

## CHAPTER 2

### GENERAL FITTING PROCEDURES

**2-1. APPROVED CONCEPT OF FIT** The approved concept of fit for uniforms and individual garments pertains to the Army concept of proper appearance when an individual is fitted according to correct size and measurement

#### **2-2. FITTING PROCEDURES**

**a Physical Measurements.** Measure using tape, NSN 8315-00-792-9000, and record the basic body measurements of each individual (Figs 2-1 and 2-2) to determine the initial size for selection of the try-on garment. Each measurement must be taken over the appropriate subgarment to ensure proper fit.

**b Initial Selection for Try-On.** Using results of the physical measurements, make selection of the initial try-on garment by referring to the size prediction tables provided for each type of garment. To ensure the best possible fit from tariff sizes, each individual wearing the proper subgarments, may require a minimum of two sizes for try-on..

**c Marking for Alterations.** When the fitter decides that an individual cannot be properly fitted from tariff sizes, the closest fitting item will be put on and marked for alterations (see Tables 2-1 and 2-2 for authorized alterations). If the number and types of alterations are excessive or the proper fit cannot be obtained, request for special measurement clothing will be prepared and submitted in accordance with AR 700-84

**d Final Check.** When alterations have been completed, the garment should be put on and checked for proper fit. If necessary, make additional alterations. The jacket and trousers should fit smoothly with no vertical, horizontal, or diagonal wrinkles or creases. Horizontal creases usually indicate the garment is too tight; vertical creases indicate the garment is too loose; and in jackets, diagonal creases in the shoulder area generally indicate that one shoulder is lower than the other..

#### **2-3. REQUEST FOR SPECIAL MEASUREMENT CLOTHING AND FOOTWEAR.**

**a Special Measurement Clothing.** Special measurement clothing; is authorized only for persons who cannot be properly fitted with standard tariff sizes or by authorized alterations. Unless directed otherwise, service members take all special measurement clothing with them on permanent change of station. For supply procedures of special measurement clothing see AR 700-84.

**b Special Measurement Footwear.** Special measurement footwear is authorized only for soldiers who cannot be properly fitted with standard tariff sizes stocked in the depot supply system. Orthopedic footwear and orthopedic adjustment to standard footwear are not authorized under this provision. Special measurement footwear is included under the clothing and allowance system. Detailed supply procedures are in AR 32-4 (AR 700-84).