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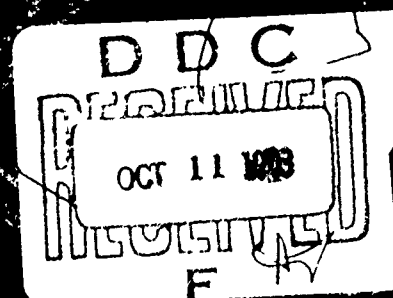
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DECEMBER 1976

US ARMY NATICK
RESEARCH AND DEVELOPMENT COMMAND
NATICK, MASSACHUSETTS 01760

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>The entire family of Army Uniforms has been evaluated for adequacy of design or acceptability to the soldier and his mission. The results of a survey of Army personnel determined their opinions of the current family of uniforms, and the improvements desired with respect to the uniforms of the 1980's. A series of design sketches show proposed concepts for service, dress and mess uniforms of the 1980's for both men and women, officer and enlisted.</p>																		

ADDENDUM

Considerable difficulty was experienced by the contract printer in producing the 29 colored illustrations with proper color quality and fidelity. Two attempts were made at matching the colors of the original sketches with little improvement, such as instances where there are two or three shades of gold color ornamentations on the same uniform. In the interest of time, it was decided not to delay publication of the Report any longer.

Although some colors have been eliminated as revealed in the text, no new colors are recommended for the service, dress and mess uniforms of the 1980's with the exception of the proposed men's and women's service shirts (Figures 6 and 7). Proposals relating to colors are that the service uniform remain the Army Green Shade 344, and the Army Blue uniform and the Blue Mess uniform for all personnel have the coat/jacket and trousers/skirt in matching color, Army Blue Shade 450.

PREFACE

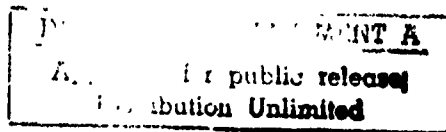
Military uniforms have been a source of pride, distinction, concern — and controversy — since the early days of the service. A uniform worn by a member of the military is without doubt fascinating. It encompasses more than just a tailor's art or designer's ideas; it is all the mystique that has descended from those first to enter the profession of arms to those presently engaged in the profession.

Army uniforms have a unique history spanning from the all-male Colonial Army of the 1700's to the integrated male and female Army of the 1900's, a history which has been steeped in technologies, traditions and individual tastes. Its changes have been evolutionary, marked by relatively slow change. Never in its history, however, has the Army uniform changed more drastically or as often than in the last few decades.

Many factors influenced this rapid change. The introduction of women into the Army in 1943, the radical change in styles throughout these years, the introduction of synthetic fibers and new manufacturing techniques were all part of the rapid change in Army uniforms during this period.

However, the entire family of Army uniforms has not had, in recent times, the benefit of long-range planning to determine adequacy of design or acceptability to the soldier and his mission. This area has been studied and indicates a need to modify the current spectrum of uniforms to optimize acceptance, functionality of design and cost effectiveness. This is based, in part, on a comprehensive troop survey in which the desired improvements with respect to uniforms of the 1980's were determined from today's soldiers.

This study, which encompasses all uniforms except field and work uniforms, also provides information on the fibers, yarns, fabrics and styles which will make up the uniforms of the 1980's.



RUFUS E. LESTER, JR.
Colonel, QMC
Commanding

DDC
OCT 11 1978

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EXECUTIVE SUMMARY

The entire family of Army uniforms has not, in the recent past, been evaluated for adequacy of design or acceptability to the soldier and his mission. The Adjutant General directed a study to determine the need, if any, to develop or modify Army uniforms (field and work uniforms not included) to optimize acceptance, functionality, design, and overall economic considerations.

The objective of the study is to provide the best mix, design, color and fabric composition of the U.S. Army uniforms for the 1980's. The end result will be an improved revision, elimination or replacement of the existing Army Khaki/Tan, Army Green, Army Blue, Army White, Army Blue Mess and Army Evening Dress uniforms.

The study included a survey of Army personnel to determine their opinions of the current family of uniforms, and the improvements desired with respect to uniforms of the 1980's. Factors which influence requirements for Army uniforms such as type of duty, personnel identification, tradition, climatic conditions, and public perception were studied to develop projections of uniforms for the 1980's.

Based on the results of the troop survey, it was found that today's soldier is not interested in uniform change for the "sake of change." The main concern of today's soldier is his (her) military appearance and this is not to be compromised with contemporary civilian styling trends. The analysis also disclosed the following preferences: (1) uniforms of the same solid color for both sexes; (2) uniforms of the same type for both officer and enlisted personnel (same color, fabric and styling except for braid and insignia); (3) uniforms that establish an identifiable link between men and women in the Army. This guidance will permit development of a uniform system which will be suitable for an integrated formation of men and women but which will not detract from women's femininity nor men's masculinity.

The consensus of those Army personnel surveyed was that a single-weight year-round uniform fabric is desired. This fabric will be used in the development of uniforms for men and women in each of three categories: service uniforms, dress uniforms and mess uniforms.

With the benefit of the results of the troop survey and the guidance given by the Study Advisory Group (consisting of four general officers and the Sergeant Major of the Army)*, a series of design sketches have been prepared. These sketches show proposed concepts for service, dress and mess uniforms of the 1980's for both men and women, officer and enlisted.

*MG K. E. Dohleman
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MG H. A. Griffith
BG M. E. Clarke
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INTRODUCTION

The Army uniform is a reflection of the Army history, tradition, and needs. Over a period of 200 years, it has evolved through a series of modifications and changes as the identifying symbol of the men and women in the United States Army.

Recent and forecasted improvements by the clothing and textile industries create opportunities for upgrading U.S. Army uniforms. The Deputy Chief of Staff for Personnel (DCSPER), Department of Army (DA), with the aid of the Development and Readiness Command (DARCOM) and the Natick Research and Development Command (NARADCOM) have been able to adequately cope with short-range uniform developments and have taken advantage of new materials where possible. However, in the recent past, the entire family of Army uniforms for men and women has not been evaluated for adequacy of design or acceptability to the soldier and his mission. This study, as directed by the Adjutant General, will (1) reveal the need, if any, to develop or modify Army uniforms to optimize acceptance, functionality, design, and overall cost considerations and (2) propose a development program to fill these needs. All Army uniforms except field and work uniforms were considered in the study.

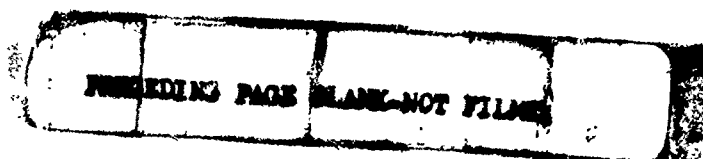
Some characteristics of today's uniform reflect a past need that has diminished with time. In the 1830's, battlefield recognition of a soldier's branch of service was critical to the success of operations, and today's uniforms still reflect the identity of the military's branch of service. The historical distinction between enlisted personnel and officers is also reflected in today's uniforms, but to a lesser degree than in the past. Quite aside from the tradition and history reflected in uniforms, contemporary pressures also influence uniforms in many respects. The expanded role of women in the Army, and the need for an integrated team of Army men and women in many occupational specialties is already influencing uniform development. Economic pressures are a significant factor in today's uniforms, and will strongly influence the future as well. Another factor influencing uniform development is the dynamic nature of textile technology in recent years. More changes have occurred in this area in the past 10 years than in the last 2000 years of the technology.

All of the foregoing elements also logically affect future uniform development. This study, which is directed toward the Army's future uniforms, was appropriately concluded in the nation's bicentennial year. It is the first study in recent Army history to address the full spectrum of uniforms for the future: from service to dress to mess, and also reflects the equal needs of men and women in the Army.

The objective of this study has been to provide a mechanism to assist decision-making related to the best mix, design, color and fabric composition of U.S. Army uniforms for the 1980's, which would include:

- identifying a need for change
- taking advantage of significant technological changes in the textile and clothing industries
- developing, testing and adopting a family of uniforms that will enhance appearance, soldier acceptance and pride in the Army.

Such a study was intended to not only chart a systematic course for the future of uniform development efforts but also to provide a basis for future financial projections. In addition, it would minimize the introduction of new items based on perceived short-term needs, as opposed to a recognized and approved long-range plan. To aid in the implementation of the study, a Study Advisory Group of four general officers and the Sergeant Major of the Army, was formed to guide the effort.



The scope of the study includes a consideration of all possible factors which influence requirements for an Army uniform such as type of duty, personnel identification, tradition, climatic conditions and public perception. During the study, the current family of uniforms and uniform fabrics were evaluated for soldier acceptance, accomplishments of requirements and total wardrobe costs. Operational and traditional factors which influence uniform requirements were also considered. Projections of uniform trends into the 1980's were developed from industrial contacts, and design sketches of uniform concepts were prepared. The scope of the study includes a survey of both male and female Army personnel designed to determine their opinions of the current family of uniforms and their desired improvements in the family of uniforms of the future.

The study (as outlined in the study directive given in Appendix A) developed into an assignment considerably more challenging than originally envisioned, and many unforeseen questions were developed during the initial planning stage which required resolution before continuing. Discussions involving DCSPER, Deputy Chief of Staff for Logistics (DCSLOG) and NARADCOM personnel attempted to answer the questions to establish guidelines for the study. The guidelines are given in Appendix B.

A preliminary analysis indicated several factors which must be given maximum consideration in planning for uniforms and uniform fabrics for both men and women in the 1980's:

1. A year-round ensemble must be suitable for a broad range of climates.
2. Uniforms must be suitable for wide ranges of ages, complexions and anthropometric structures.
3. Uniform durability and maintainability must reflect the unusually high rate of wear in the various environments in which the uniform will be worn.
4. A uniform system must establish an identifiable link between Army men and women.
5. Uniform style must be acceptable for about 10 years.

In arriving at new concepts for the uniforms of the 1980's, there are four primary characteristics to work with: fiber, fabric, color and style. Of these, the least flexibility appears to be in fiber and fabric. Recent history indicates that the military adopts or modifies fibers and fabrics that emerge in the marketplace, and no new developments are likely other than from industrial sources. Color may well be a significant part of the future look because there are good and sufficient technical reasons for the Army to consider other than monotone (coat and trousers of matching shade) uniforms. The area in which the clothing designers and technologists will have the most freedom, within the bounds of attractive and distinctive military appearance, is style. These four aspects are discussed in some detail in this report.

RESULTS AND DISCUSSION

A. Fibers

Wool meets the essential technical requirements for most military uniform fabrics and is superior in many respects to other fibers for this application. Wool has in recent years been increasingly blended with man-made fibers, particularly polyester fibers, to attain a certain balance of fabric properties and, most importantly, to reduce the overall cost of the product. Reduced cost has taken on added emphasis in all uniform development programs in recent times.

From the standpoint of meeting military requirements, it is doubtful, and may be totally unrealistic, to assume that new capital investment will come into the now limited U.S. woolen and worsted processing industry. The relatively noncompetitive price of wool fiber, the current national policy with respect to imports, and the success of textured polyester knit and woven fabrics in the civilian market make investment into the woolen and worsted industry almost totally unattractive. However, wool will continue to be used mostly in blends to impart some of the unique properties of the wool fibers; and it is likely that industry will be able to supply peacetime wool requirements for the armed forces in the next decade.

Possibly a new synthetic fiber could be developed during the next decade and come into production. However, the normal time cycle from development through pilot plant production to large scale production is such that any new synthetic fiber not presently in the market today would probably not become of significant volume importance from a military standpoint within the next decade. Modifications of existing fibers and of fabric-forming methods, however, could occur; this could lead to changes in present usage. Accordingly, in looking at future military uniform requirements in the 1980-85 time frame, the projection is based upon fibers existing in the marketplace today, their technology and their potential supply. Should new fibers emerge, the military market is sufficiently attractive to induce industry to work, as in the past, with the Army to usher these products into the military system.

B. Fabrics

Historically, all military uniforms were made from woven fabric and, to date, all issued (clothing bag) Army uniforms for both men and women are made from woven fabric; however, the Army will soon introduce and issue (1978) a new women's summer uniform made from knitted fabric. All Army Uniform fabrics are selected as having the best combination of: (1) military appearance, (2) durability, (3) ease of maintenance and (4) comfort.

A smart military appearance is an unmeasurable characteristic. The proper fitting of a uniform is, no doubt, the critical factor in achieving a smart military appearance; and is followed very closely by the influence local commanders have over their troops in sustaining this smart appearance. Aside from these factors, which are not under the control of the designer and technologists, the fabric itself must be considered. Drapeability, wrinkle recovery, crease retention, and resistance to seam puckering, stretching and sagging are all important requirements for a smart military appearance and are all influenced by fabric selection.

The durability of a fabric can be measured with some degree of objective accuracy. Durability is usually described as the resistance of a fabric to tearing, abrasion, "pilling," snagging and melting. The current wool and wool-blend uniform fabrics satisfy the durability requirement of a uniform fabric very well. In this area the newer fabrics (such as textured polyester and knitted fabrics) have their most serious shortcomings. Textured polyester fabrics have a very high tendency to pill and snag, which results in an unsightly appearance, especially in military uniforms because of their solid color.

The maintenance (cleaning and repairing) and the cost of maintenance of a military uniform are borne by the user and have become fairly sensitive topics among the military personnel. Both

are significant factors in the uniform development process. Most wool and wool-blend uniform fabrics are not "easy-care" fabrics. Commercial solvent or dry cleaning is required for these fabrics, and a considerable amount of "touching up" is required between cleanings in order to maintain a smart military appearance. The all-cotton fabrics, of course, are highly prone to wrinkling and require constant attention to obtain a smart military appearance.

There is an indication in the current state-of-the-art that wool or wool-blend "easy-care" military trousers/slacks could be developed in the 1980's, especially for summer wear. However, development of a matching "easy-care" military coat/jacket is not feasible in the current state-of-the-art. This is due to the various findings (linings, shoulder pads, interlinings) which are required in the makeup of a military coat/jacket, not being fabricated from materials which have "easy-care" properties. The problems associated with combining "easy-care" trousers/slacks with a "dry-clean-only" coat/jacket are evident: poor color matching after repeated launderings; pilling, felting and diminished crease retention after repeated machine launderings; a compromised smart military appearance.

While the so-called "easy-care" fabrics, such as textured polyester, have better appearance than all-cotton fabrics, they tend to attract and retain oil and grease stains more than all-cotton, all-wool or wool-blend fabrics. The staining and soiling create a problem for military personnel in terms of available cleaning facilities. They must rely on simple washing machines and dryers, with no specialty chemicals or spotting compounds. This restriction reflects both safety and environmental consideration, and shifts the burden of cleaning to the inherent properties of the basic fabric and garment. Ideally, both fabric and garment must be amenable to effective cleaning with little or no unusual effort.

Comfort is an extremely nebulous (and difficult to measure) attribute of textile materials and particularly military uniforms. Comfort is often characterized by: (1) the restrictions imposed upon the user by the design or style of a garment, (2) the protection a garment offers from a variety of temperature, humidity, and climatic conditions (3) the feel or "hand" of a garment fabric against the skin, (4) the weight of the garment itself or, (5) any combination thereof. All of these measurements are, for the most part, subjective evaluations and will vary considerably from subject to subject.

Another aspect of comfort requirements is that each enlisted man and woman is initially issued only two uniforms in their clothing bag: one for summer wear and one for winter wear. These uniforms must be worn in all geographical regions where Army personnel serve. This peculiar requirement restricts the materials which may be considered for military uniforms. Textile industry personnel believe that a blend of polyester staple fiber and wool fiber, in combination with textured polyester, will provide a suitable fabric for military uniforms. Others feel that the technology of woven textured polyester will lead to suitable alternate fabrics.

Wool and wool-blends have long been dependable uniform fabric materials, and may well remain so during the 1980's. However, there is evidence that research will continue by industry on alternate fabrics with the goal of achieving still further improvements in the years ahead.

*Pilling — Formation of little balls of fibers on the surface of a fabric. Caused by abrasion in wear.

C. Color

Considerable and significant change has occurred in the civilian market over the last three decades in regard to high-style color. This has had little impact on U.S. Army uniforms. Tradition is considered the important criterion for military uniform colors, and it is expected to continue to be in the next decade.

History. Perhaps the earliest use of color by military forces was in uniforms and accoutrements, as a means of distinguishing friend from foe. Forms of civilian dress were made into military uniforms by the use of distinctive color and trimmings. However, as early as the 1820's, Army

regulations stated, "dark blue is the national color, where a different color is not expressly prescribed. All uniform coats, whether for officers or enlisted men, will be of that color." In that same era general staff officers wore matching dark blue trousers. In the mid-1830's for the first time, officers of the line wore the sky-blue trousers with which we are today familiar.

Khaki, as a uniform color for the U.S. Army, dates back to the Spanish American War. U.S. troops were sent into combat in blue uniforms, which were so conspicuous that they made easy targets for the enemy. To give partial concealment, the troops smeared mud on their blue uniforms. As a result of such experiences, camouflage is now an essential ingredient of the uniform for the present U.S. combat forces. At the turn of the century, the khaki material of the British forces in India was adopted by the U.S. for summer combat uniforms, and an olive drab fabric was adopted for winter combat uniforms.

The change of the enlisted men's uniform from a duotone uniform (OD-33 coat, OD-31 trousers) to a monotone uniform (OD-33 coat and trousers) in the early 1950's followed the standardization of the OD-33 shade, a heather blend in a dark reddish-olive, in the late 1940's. Meanwhile, the change of the officer's uniform from a monotone to a duotone (OD-51 coat, OD-54 trousers) — the popular pinks and greens — occurred before the early 1940's, and the duotone uniform was worn through the 1940's until the mid-1950's when the Army Green (AG) 44 monotone uniform was approved.

Army Uniform Board Policy. In the late 1940's, the Army Uniform Board (AUB) proposed that two uniforms were required for the soldier: (1) a combat-maneuver-field uniform and (2) a general duty uniform. There was need for a clear cut separation of the field uniform from the duty uniform in basic concept in design, fit and color. This policy was approved by the Chief of Staff, Army in mid-1949.

The color and texture of the combat-maneuver-field uniform was to be determined by camouflage requirements where applicable. The general duty uniform was to be suitable for garrison and informal off-duty wear. After extensive evaluation, the present day Army Green shade was adopted in the mid-1950's as the distinctive Army service or general duty uniform color.

Anticipated Problems. The requirement that any uniform fabric, especially military uniform fabrics, must meet in regard to color is that it must be dyeable to an exact shade match with fast colors. Matching Army uniform shades has not been a major problem in the past. It is anticipated that difficulties can be expected in the future for various reasons which are discussed below.

In the current Defense Supply Agency procedure for supplying uniforms for enlisted personnel, fabrics manufactured to military specifications are tailored into uniforms from given patterns and clothing specifications. These fabrics are woven, dyed, finished, cut, sewn, and trimmed in a number of contractor's plants with varying facilities, skills and quality control procedures. Such differences have relatively little effect on the manufacture of the fabric and the cut-sew-trim operations. On the other hand, they are extremely critical in the dyeing and finishing of the woven fabric because the ultimate in control measures must be exercised to minimize differences in shade, finish, colorfastness, and overall fabric appearance.

Another potential problem results from the fact that uniforms are purchased under separate contracts for coats and trousers. The cut-sew-trim manufacturers use fabrics from a number of sources, and the two components, coats and trousers, are then brought together at an issue point. At that juncture, the coat and trousers must end up as a monotone uniform regardless of the source and history of the fabric.

Under the conditions of procurement and the production methods described above, it follows that reasonably tight specifications must be employed to achieve a properly matching uniform. In the case of AG-44 and AG-344 shades, only certain dyestuffs are used to achieve the shade and to maintain the colorfastness requirements. Two of the dyestuffs currently used to attain the AG-44

shade were developed specifically to satisfy the needs of the U.S. Army. Recent government regulations have strained the situation, making some of these dyestuffs virtually unavailable. Realignment of marketing lines of all dyestuff manufacturers has further eliminated many dyestuffs which for many years were readily available. All of these factors make shade matching more of a problem today than ever before.

The environmental problems caused by the use of certain dyestuff components and the subsequent Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA) regulations, will probably result in further problems over the next decade. Thus, key components for dyes used in military shades could be a continuing source of frustration for years to come. For all of these reasons, duotone, heather, woven patterns and other uniform concepts will be given consideration in future planning; such concepts also provide flexibility in respect to design and styling, and the economic advantages in both procurement and maintenance of the uniform.

D. Style/Design

The transition of the style of the Army uniform from that selected for the Continental Army in 1775 to that of the present Army 200 years later has been dramatic to say the least. The Continental Army was described as a mixed multitude of people under very little discipline, order, or government by its first commander, General George Washington. One of Washington's first directives as Commander was to make more rigid distinction between the uniforms of the officers and enlisted men. All general officers, their aides, and the brigade majors were to be distinguished by ribbons of various colors worn across their chests. Field and company grade officers were to be distinctive by cockades of various colors worn on their hats. Noncommissioned officers were distinguished from enlisted men by epaulettes or strips of cloth sewn on the right shoulder. Uniforms as we know them today, were nonexistent, and the Continental troops were a motley array of patriots bent on accomplishing a formidable task.

Throughout the years the style of the Army uniform has been influenced by many factors. Tradition, world conflicts, contemporary styles, mobility, foreign Army styles and functionality all influenced the transition of the Army uniform from the Continental Army era to the present day. However, never in its history has the Army uniform changed more drastically or as often as in the last four decades. The introduction of women into the Army in the early 1940's, the radical change in styles throughout the years thereafter, the introduction of synthetic fibers, and new manufacturing techniques all contributed to the rapid change in Army uniforms during this period.

In the past, acceptance of the style of a military uniform was influenced most often by the user's self-image. Pride, prestige and esprit de corps in belonging to a specific branch of service and the distinction portrayed by the image of that organization were important inducements for a man or woman to join a particular service branch. A minimum consideration of these factors cannot be overlooked in the uniforms of the future.

The adoption of a uniform system for the future must establish an identifiable link between Army men and women. A system is necessary which will be suitable for an integrated formation of men and women which will not detract from the women's femininity or the man's masculinity. The importance of this criterion should not be diminished.

E. Uniform Survey

The study directive included a survey of Army personnel. The purpose of the survey was to determine desired improvements with respect to uniforms of the 1980's as well as to evaluate the current family of uniforms for soldier acceptance and accomplishment of requirements. The current family of men's and women's uniforms are briefly described in Appendices C and D respectively.

The survey conducted was in the form of a questionnaire sent to a random selection of soldiers, both men and women. It is recognized that surveys by questionnaire have many limita-

tions and pitfalls. The importance of the type questions, the wording or phrasing of the questions and the types of responses offered cannot be minimized. The questions asked of the soldiers were the result of the combined input of key personnel involved in the design and development of Army uniforms, NARADCOM's Human Factors Group and the Survey Group of the Military Personnel Center (MILPERCEN). A sample of the men's and women's questionnaire is given in Appendices E and F respectively.

Separate questionnaires were sent to male and female soldiers. With the exception of certain questions directed to specific men's or women's uniforms, the questionnaires were the same. The survey was aimed at all Army uniforms with the exception of field and work uniforms.

The questionnaires were sent to officers and enlisted personnel by the Survey Group of MILPERCEN using their standard procedures of random sampling. While the confidence of all respondents was assured, they were asked to indicate three personal factors to aid in the analysis of the survey results. These factors are: age, active federal military service (AFMS), and grade.

A total of 3,428 soldiers responded to the survey questionnaire. This represents approximately an 80 percent response rate which is considered very good for a survey of this type. Given below is an analysis of survey respondents by grade and sex.

	Grade of Respondents	Number of Respondents
Male	E1-E5	482
	E6-E9	497
	O1-O3	501
	O4-O6	484
	W1-W4	491
Female	E1-E5	544
	E6-E9	155
	O1-O3	211
	O4-O6	48
	W1-W4	15

A total of 979 enlisted men and 699 enlisted women responded. This represents an 87 percent response rate. A total of 1,476 male officers and 274 female officers responded. This represents a 73 percent response rate.

With the exception of the questions asked of female officers only, the confidence level of the response is 95 percent at ± 3 percent range. The small sample size of W1-W4 and O4-O6 grade women reduced the confidence limits to approximately 85 percent for questions 68-70 on the women's questionnaire.

The questionnaire results were analyzed by the Survey Group of MILPERCEN and the results were categorized by the three factors mentioned previously: age, AFMS and grade of the respondents. In the initial computer printout of the questionnaire results, it became apparent that these three factors were very closely related, with few exceptions. For example, the younger persons (enlisted or officer) had the least time in the service and were of lower grade. Conversely, the older persons had the most time in the service and were of higher grade. Although the data are available by age and AFMS, only the data categorized by rank are given for the purpose of this report.

The data have been tabulated by percentages and are shown in Appendices E and F. Also, the data are shown graphically in Appendix G. In an effort to reduce the abundance of data which have been generated by the questionnaire, a series of "one-liners" have been prepared. The "one-liners" very briefly summarize the responses of the military personnel and offer a tabloid summary of the survey. A careful review of the complete survey results given in appendices E and F is

suggested so that this summary will not be misinterpreted and taken out of context. The "one-liners" are for brevity only and are given below:

General Comments

- Military appearance is rated the most important feature of an Army Uniform.
- The color of a military uniform is ranked very high in importance.
- Uniforms have no effect on motivation to enlist in the Army.
- Most personnel feel the general reaction of the public to the current family of uniforms is good.
- The effect of uniforms on esprit and morale is very little or none at all.
- Most male personnel rate Army uniforms about equal to Navy, Air Force, and Coast Guard uniforms and rate them lower than Marine uniforms.
- Most female personnel rate Army uniforms about equal to Navy, Marine, and Coast Guard uniforms and rate them lower than Air Force uniforms.
- The number of men's and women's authorized uniforms is just about right.
- Most enlisted men, male officers and female officers would eliminate the White uniform if one was to be eliminated. Enlisted women would eliminate the Cord uniform. (NOTE: This uniform will be phased out with the introduction of the new summer knit uniform in 1978.)

Current Men's Uniforms Comments

- Male officers are satisfied with the Green uniform in all categories. Enlisted men feel some change in style, comfort, ease of maintenance and fabric is needed in the Green uniform.
- The Tan uniform is the most satisfactory uniform in the men's military wardrobe. The Khaki uniform needs improvement in fabric and ease of maintenance.
- The men rate the Blue uniform very high in all categories.
- Enlisted men feel the White uniform needs improvement in most categories.
- Male officers are not satisfied with the ease of maintenance of the White uniform.

Current Women's Uniforms Comments

- Most women feel the Green uniform needs some improvement in comfort and ease of maintenance.
- Women feel major revisions in the Cord uniform are necessary.
- Women are satisfied with the Blue uniform.
- Women are generally satisfied with the White uniform. Some improvement in ease of maintenance is indicated.

Future Uniforms Comments

- Most enlisted men, male officers and female officers prefer no change in the Army Green color. Enlisted women indicate no clear cut preference.
- Enlisted men, male officers and enlisted women do not indicate a preference of a duotone uniform over a monotone uniform. Female officers do not prefer a duotone over a monotone.
- Both men and women overwhelmingly endorse a solid-color uniform fabric over a blend-of-color fabric.
- Male and female officers prefer the current Blue/White uniform over a modified Green uniform for semiformal occasions. Enlisted men and women give no clear cut evidence of this fact.
- Most men prefer a permanent press Khaki/Tan uniform for summer wear.
- Most women prefer a new pantsuit uniform concept for summer wear.
- Most male and female officers feel a formal mess uniform is not necessary.
- Most male and female officers prefer a new year-round mess uniform in lieu of what is available now.

- Officers and enlisted personnel should wear the same type uniform.
- Men's and women's uniforms should be the same color.
- Considerably more women than men feel that Army uniforms should keep up with civilian style trends.
- Enlisted women are slightly negative in their reaction to a single weight year-round uniform fabric. All others show a favorable reaction.

In general, the survey results did not reveal any opinions which were not evident previously. The current developmental efforts of the AUB and NARADCOM were confirmed to be directed at the obvious shortcomings of the current family of uniforms (i.e., women's cord uniform, men's Khaki uniform). The results also confirmed certain speculations which were heretofore unsubstantiated (i.e., no change in Army Green shade wanted, importance of military appearance). Further, the survey results provided clothing designers and textile technologists involved in the development of Army uniforms significant guidance for future planning (i.e., monotone uniform is still wanted, contemporary styling should not be a factor).

F. Proposed Uniform Concepts

With the guidance given by the Study Advisory Group (SAG), Appendix H, the results of the troop survey and a consideration of the uniform styles and designs of the other services, NARADCOM designers prepared a series of design sketches showing uniform concepts for the 1980's for both men and women. These sketches were submitted to and approved by the SAG. To provide a better understanding, the sketches illustrate both the currently authorized uniforms as well as the design proposals for the 1980's.

The uniform concepts projected for the 1980's *do not* (consistent with survey results and SAG guidance) represent major changes; they represent a purification of the current system by eliminating unnecessary items and features, and they reflect the advent of year-round uniform fabrics. In the following sections, each category of uniform — service, dress and mess — proposed for the 1980's is discussed in detail.

Service Uniform

Figures 1-4 show the current men's and women's Army Green service uniform. Figures 1 and 2 also represent the proposed men's service uniform for the 1980's (with the exception of the shirt which is discussed below). Figure 5 shows the proposed concept for the women's service uniform for the 1980's. Figures 6 and 7 show the proposed designs for the men's and women's service shirts for the 1980's.

The SAG concurred with NARADCOM's proposal to make no style/design change in the men's cap, coat, trouser and necktie of the current Army Green uniform for the 1980's. The men's coat will remain as a single breasted, peak lapel, four-button coat extending below the crotch, to fit easily over the chest and shoulders with a slight drape effect in front and back. The coat, to be worn both by enlisted men and by officers is fitted slightly at the waist conforming with the figure without tightness and with no prominent flare. The trouser is of classic design. As shown in Figure 1, a 1½ inch black braid stripe lines the side of the officer's trousers of the current uniform. Enlisted men's trousers (Figure 2) currently have no stripe. No change in these features is proposed in the 1980's uniform.

No future design changes are proposed for the women's beret/hat and skirt of the current Army Green uniform for either officer (Figure 3) or enlisted (Figure 4) personnel. Figure 5 shows a proposed mix and match coat, skirt and slacks ensemble which would replace the current Army Green coat and skirt ensemble as well as the Army Green pantsuit scheduled for introduction into the supply system in November 1977. A redesign of the women's coat is necessary to accommodate both the skirt and slacks. NARADCOM's proposed design is for a single breasted coat with a long semifitted body along modified princess lines. Welt seams ending in side pleats in the back and extra large patch pockets with sloped top opening for easy access will be featured. The pockets are placed well below the waist to accommodate a military police belt. The coat will also feature a notched collar, military brass four-button closure, two-piece tailored sleeves and button down shoulder loops. The women's slacks have been designed with a slightly flare leg, elasticized adjustable waistband, darted top, small coin pocket and side zipper closure. The skirt, as mentioned, remains unchanged as a six-gore* A-line with set-on waistband and side zipper closure.

The men's and women's shirt to be worn with the service uniform of the 1980's will be completely redesigned. A long-sleeve service shirt is proposed to be worn with tie, and with or without the Army Green coat. A short-sleeve version is to be worn without the Army Green coat and without a tie. As an alternate, consideration is being given to a men's short-sleeve version with a convertible collar, which will enable it to be worn with a tie and with the Army Green coat also.

Figure 6 shows the proposed men's long and short-sleeve service shirt. The long-sleeve style, worn with officer insignia, has a stand-up collar, two patch pockets with button-down flaps and button-down shoulder loops. The short-sleeve style shown, with enlisted insignia, is basically the same design without the stand-up collar. An open-necked collar is shown. Shirt designs of either sleeve length are adaptable for officer or enlisted wear.

Two styles of women's service shirts — a tuck-in style and an overblouse style — will be considered. Figure 7 shows a long-sleeve version of the tuck-in style and a short-sleeve version of the overblouse style. Either of these styles will be worn with the slacks or skirt in the same manner outlined above with respect to the Army Green coat.

The tuck-in style shown is long-sleeve, hip length, semifitted with a one piece back to front yoke. The collar has rounded ends and collar tabs. The short-sleeve version of this style, not shown, will have a convertible collar which will enable it to be worn with or without a neckpiece and with or without the Army Green coat.

The overblouse style shown is short-sleeve, hip length, semifitted with a wide front and bottom facing. The collar is rounded with a black tab and button-down shoulder loops are featured. The short-sleeve style shown has a convertible collar; however, the long-sleeve version of the overblouse will have a nonconvertible collar. The long-sleeve version is not intended to be worn without the black collar tab.

*Gore — a tapering or triangular piece (of fabric).



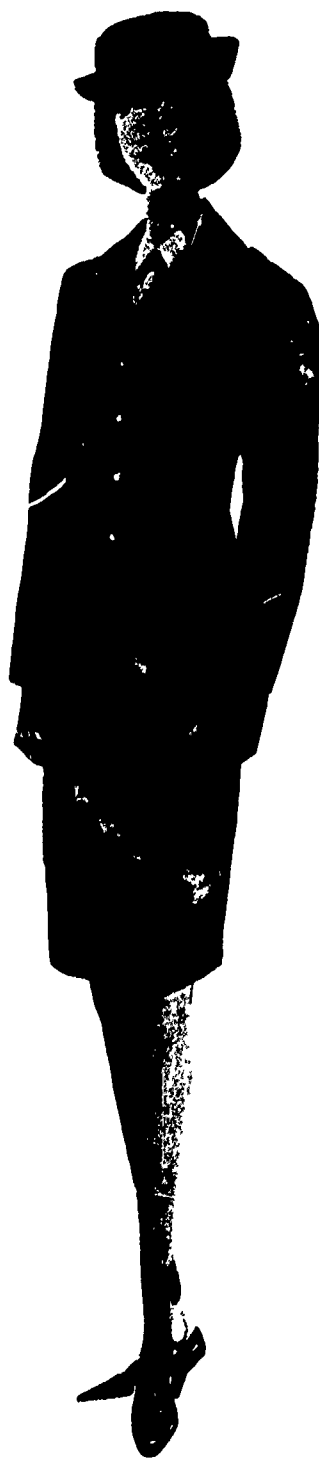
1 Men's Army Green Service Uniform — Officer



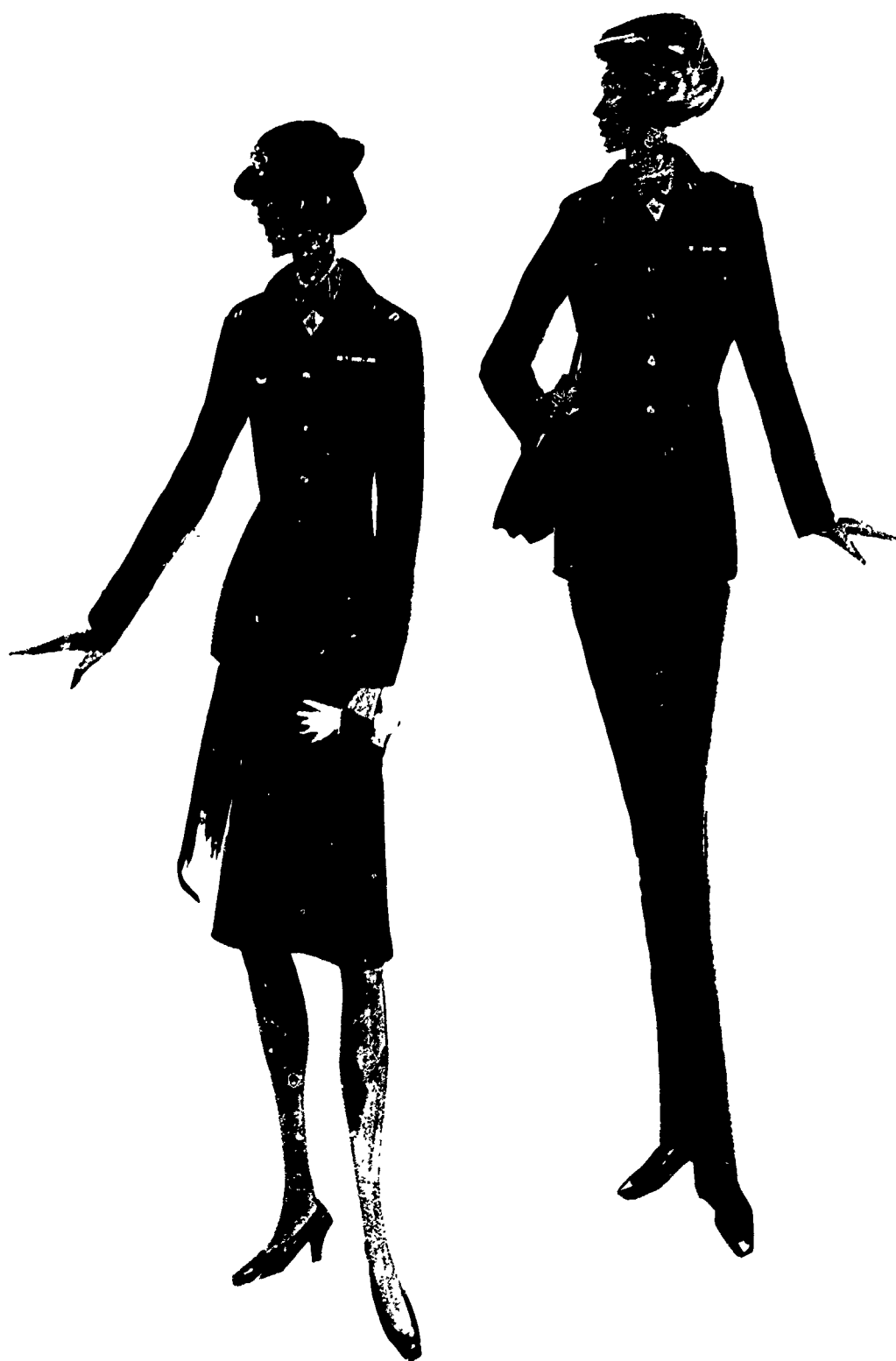
2 Men's Army Green Service Uniform — Enlisted



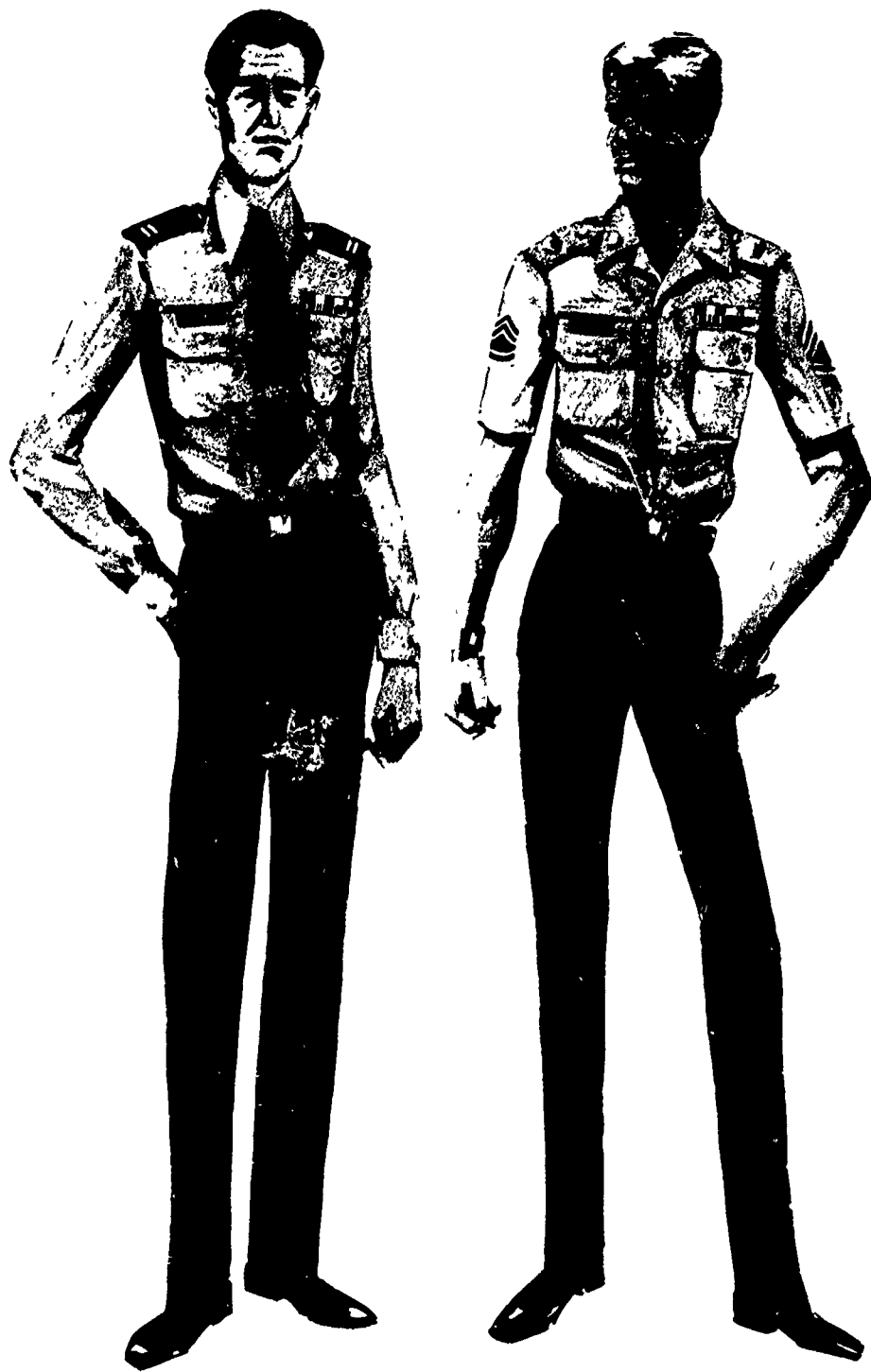
3 Women's Army Green Service Uniform — Officer



4 Women's Army Green Service Uniform — Enlisted



5 Women's Proposed Green Service Uniform



6 Men's Proposed Service Shirts



7 Women's Proposed Service Shirts

Dress Uniform

The troop survey indicated satisfaction with the current men's Army Blue uniform and for that reason very few changes are anticipated in the 1980's. Figure 8 shows the current men's Army Blue uniform for officers. Figure 9 shows the proposed men's Army Blue uniform for officers. Figures 10 and 11 show the current and proposed men's Army Blue uniform for enlisted personnel respectively.

No change in the coat, shirt or necktie of the current officer's Army Blue uniform is anticipated in the 1980's. The style/design of the coat and trouser is the same as described for the service uniform. The branch of service color in the band of the cap has been eliminated and a solid-gold-colored band is used in its place. No change is suggested for the branch of service colors in the shoulder strap or sleeve braid. The color of the trouser of the line officer's uniform is changed from Army Blue (AB) 451 (sky blue shade) to Army Blue (AB) 450 (dark blue shade). The rationale for this change is supported by a survey result, that is, the same type of uniform (except for braid or insignia) is preferred for all officers and enlisted personnel. The current 1½ inch gold-colored trouser braid will be retained.

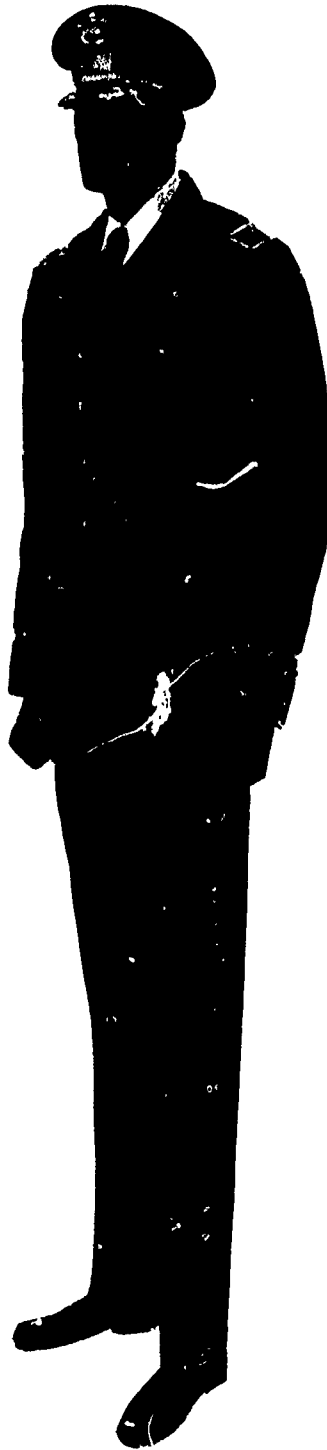
The proposed enlisted men's Army Blue uniform of the 1980's shows a change in the color of the trouser from the current AB 451 to AB 450 for the reason cited above. All other features remain the same as the current uniform. The style/design of the coat and trousers is the same as described for the service uniform.

Figures 12 and 13 show the proposed design of the women's Army Blue uniform of the 1980's for officers and enlisted personnel respectively. No change from the current uniform (not shown) is anticipated.

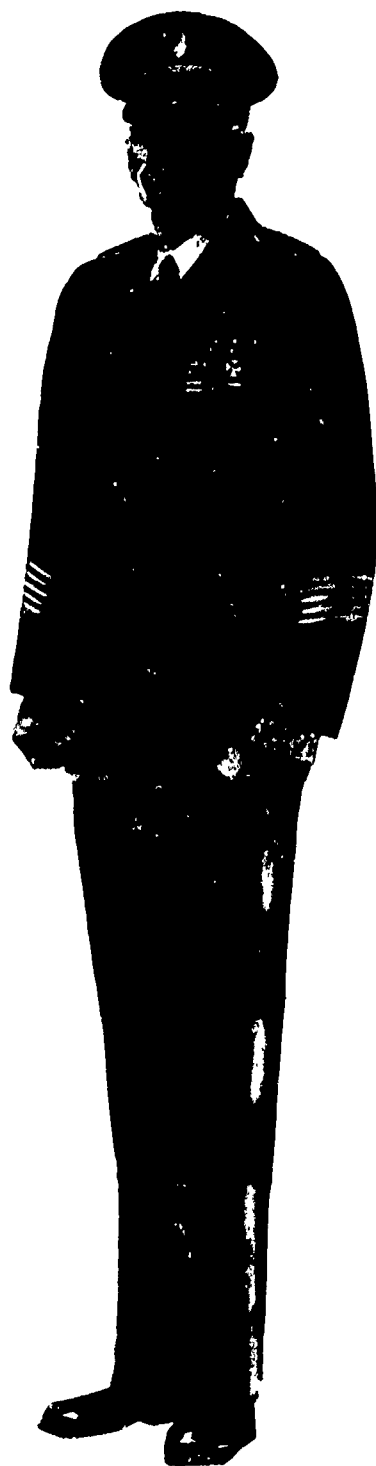
The style of the women's Army Blue coat will remain single breasted with a long semifitted body along modified princess lines. Patch pockets with sloped top openings, notched collar and button-down shoulder loops will be featured. The skirt will remain as a six-gore A-line and set-on waistband and side zipper closure.



8 Men's Army Blue Dress Uniform — Officer & Warrant Officer



9 Men's Proposed Army Blue Dress Uniform — Officer & Warrant Officer



10 Men's Army Blue Dress Uniform -- Enlisted



11 Men's Proposed Army Blue Dress Uniform — Enlisted



12 Women's Army Blue Dress Uniform — Officer & Warrant Officer



13 Women's Army Blue Dress Uniform — Enlisted

Mess Uniform

The proposed Army Blue mess uniform for general officers for the 1980's (not shown) remains the same as the current blue mess uniform for general officers shown in Figure 14. The jacket is Army Blue 450 shade and is cut along the lines of an evening dress coat without tails. It is body hugging to the hip points and slightly curved to a peak both in back and in front. Two buttons, joined by a small gold or gold-color chain about 1½ inches long, may be worn in the upper button holes. The jacket has a distinctive gold shoulder knot and dark blue shade lapel facing. The sleeves of the jacket have a wide dark blue shade velvet stripe with a band of oak leaves, in groups of two, embroidered in gold above the edge of the sleeve cuff. Insignia of grade is worn above the embroidered gold oak leaves.

The trouser of the general officer's Army Blue mess uniform is of classical civilian design, with a high rise without cuffs or hip pockets. The trouser color matches the jacket; two ½-inch gold stripes line each trouser leg. A black cummerbund is worn with the current uniform and is proposed for wear with the uniform of the 1980's. A civilian-styled dress shirt with either a stand-up collar or bat-wing collar with black or white bow tie respectively is also authorized.

The currently authorized men's Army Blue mess uniform for line officers is shown in Figure 15. The proposed Army Blue Mess uniform for line officers for the 1980's is shown in Figure 16. The style of the jacket and trousers is the same as described above for the general officer's mess uniform. No change from the current uniform in the shoulder knot, gold trouser stripe or trefoil is proposed. The lapel facings have been changed to a dark blue shade for all officers (the same as general officers), from the current branch or service color. The current branch of service color in the cap band has been changed to a solid color gold band for all line officers in the 1980's. The same cap can then be worn with either the dress or mess uniform. The color of the trousers has been changed to AB 450 from the current AB 451 in keeping with the premise that male and female, officer and enlisted personnel uniforms be the same color. No changes are suggested for the shirt, tie or cummerbund from the current uniform.

The current design of the male warrant officer's Army Blue mess uniform is shown in Figure 17 and the proposed design for the 1980's is shown in Figure 18. The current brown color lapel will be changed to a dark blue shade, the same as for general officers and officers, and the gold shoulder knot will be added. The sleeve ornamentation is to be changed from the insignia of grade only to a small trefoil with insignia of grade in the center mounted over a ¾-inch sleeve braid with a ¼-inch brown stripe in the center. The current branch of service color in the cap band has been changed to a solid gold band, the same as suggested for general officers and officers. The color of the trousers has been changed to match the current AB 450 jacket color. No changes are suggested for the shirt, tie, or cummerbund.

A mess uniform for enlisted men is a totally new uniform concept in the Army uniform program, reflecting the desire to achieve the same degree of formality for all personnel, officer or enlisted, in future uniform development. Therefore, the same accessories worn by officers with their Army Blue mess uniforms are proposed for the enlisted men's Army Blue mess uniform. The jacket and trouser style and the shade of the jacket and trouser are the same as that given for the officer's mess uniform of the 1980's described above. Figure 19 is a design sketch of the proposed enlisted men's Army Blue mess uniform of the 1980's. The sketch shows a small trefoil mounted above a sleeve braid with the insignia of rank in the center. No shoulder ornamentation is utilized on the enlisted men's mess uniform; however, the 1½ inch gold-color trouser braid will be maintained. The same cap as worn with the 1980's enlisted men's Army Blue mess uniform is proposed.

The proposed 1980 design of the women's Army Blue mess uniform exhibits little change from the current design. The jacket will remain a short, semifitted garment with two worked eyelets on each front for detachable buttons and is designed to be worn open. It features button-down shoulder knots, bust darts, a three-piece plain back as well as pointed ornamental sleeve cuffs, and a

conventional collar and notched collar lapels.

The two lengths of skirts, the street length and full length, will remain in the 1980's as part of the women's Army Blue mess and Army Blue evening dress uniforms respectively. Both skirts will be gore-style skirts with three front panels and three back panels. They will be fully lined, with a side zipper closure and a one-piece set-on waistband.

No hat is prescribed for wear with the current women's mess uniform and no hat is proposed for the 1980's.

The basic color for the jacket and skirt of the women's (all grades) mess and evening dress uniforms for the 1980's will be the same as the men's mess uniform — dark blue shade AB450. This is a departure from the current black shade but it is in keeping with the premise that male and female, officer and enlisted personnel uniforms be the same color. All dress and mess uniforms of the 1980's have been designed to be of the same AB 450 shade. Also, jacket lapel facings will be changed to a dark blue shade.

Other than the jacket and skirts described above, other items of the women's Army Blue mess uniform common to all grades are blouses, necktab and cummerbund. These items will remain the same in the 1980's as they are now in the current women's mess uniform. Figure 20 shows the current design of the women's Army Blue mess uniform for officers and warrant officers in a short skirt. Figure 21 shows the proposed women's Army Blue evening dress uniform. Figures 22 and 23 show the proposed women's Army Blue mess uniforms for officers and enlisted personnel respectively.

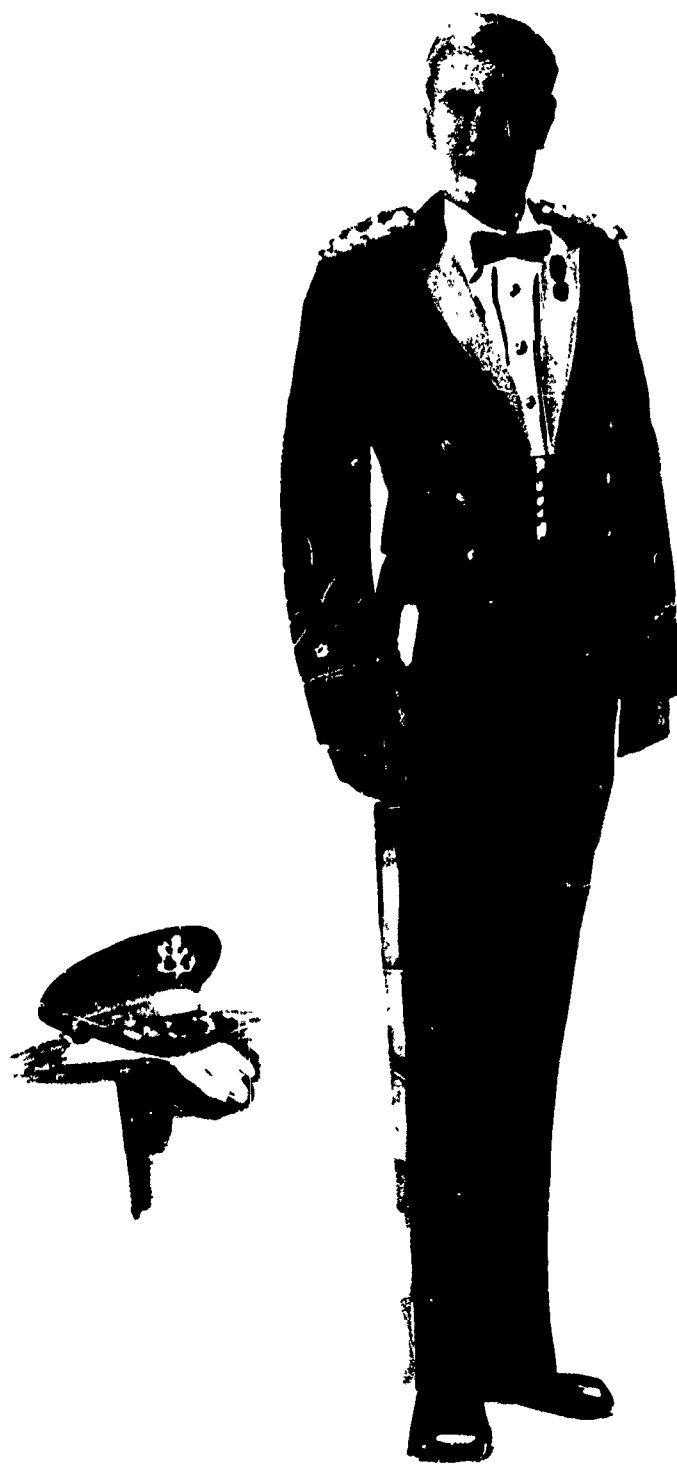
The ornamentation on the shoulder and sleeve of the women's mess uniforms will be the same as the men's. General officers, line officers and warrant officers will have a distinctive gold shoulder knot. Enlisted personnel will have no shoulder ornamentation.

The proposed general officer's uniform (not shown) will have a wide, dark-blue, velvet strip with a band of oak leaves in groups of two, embroidered in gold 1 inch above the edge of the sleeve cuff. Insignia of grade is worn above the embroidered gold oak leaves. Line officers will have a trefoil mounted above a $\frac{3}{4}$ -inch sleeve braid with branch of service color in the center as their sleeve ornamentation. The sleeve ornamentation on female warrant officer's mess uniforms will be a small trefoil with insignia of grade in the center mounted over a $\frac{3}{4}$ -inch sleeve braid with a $\frac{1}{4}$ -inch brown stripe in the center. A small trefoil mounted above a sleeve braid with the insignia of rank in the trefoil center comprises the sleeve ornamentation for the enlisted women's mess uniform.

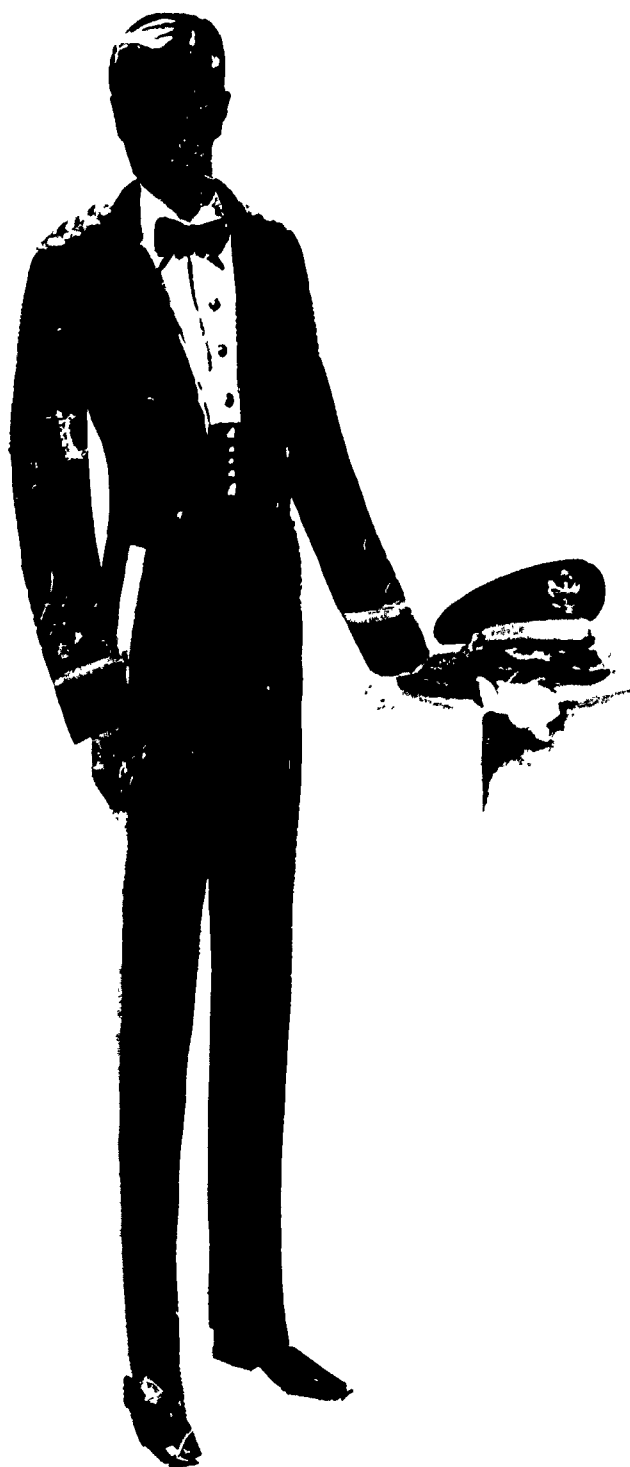
It is also proposed that all personnel have a white jacket in their mess uniform wardrobe in the 1980's. No changes from the proposed Army Blue mess uniform are suggested except for the white color. Figures 24 and 25 are design sketches of the male officer's Army White mess uniform, current and proposed respectively. The current female officer's and proposed female officer's Army White mess uniform design sketches are shown in Figures 26 and 27 respectively. It is proposed that the enlisted personnel also be authorized a white mess jacket with ornamentation similar to that proposed for their blue mess uniform. The proposed design sketches for the enlisted male and female Army White mess uniforms are shown in Figures 28 and 29 respectively.



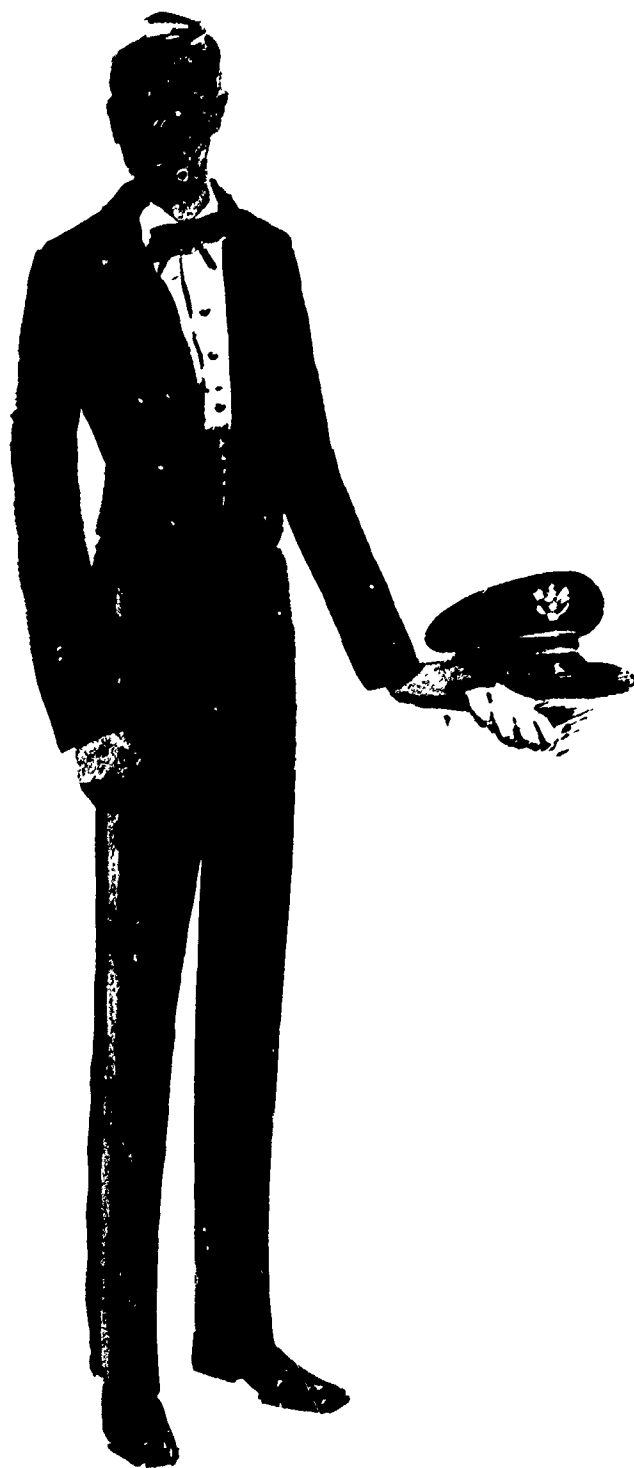
14 Men's Blue Mess Uniform — General Officer (White Tie)



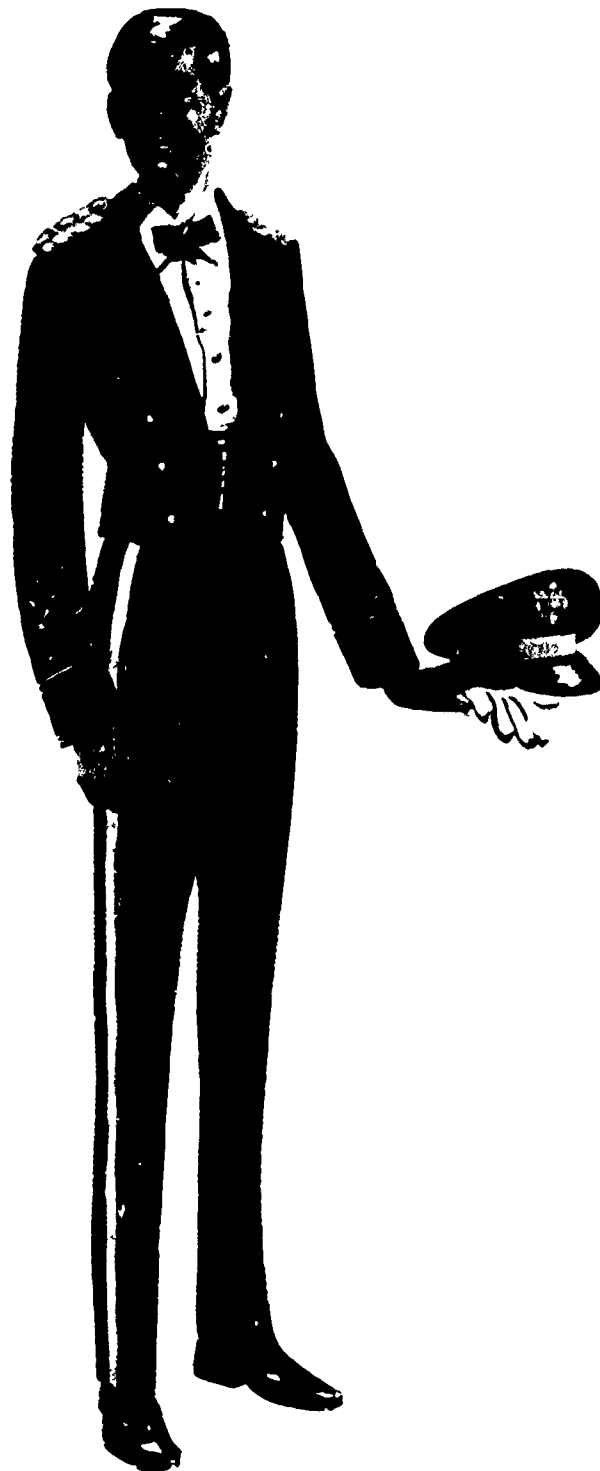
15 Men's Blue Mess Uniform — Officer (Black Tie) .



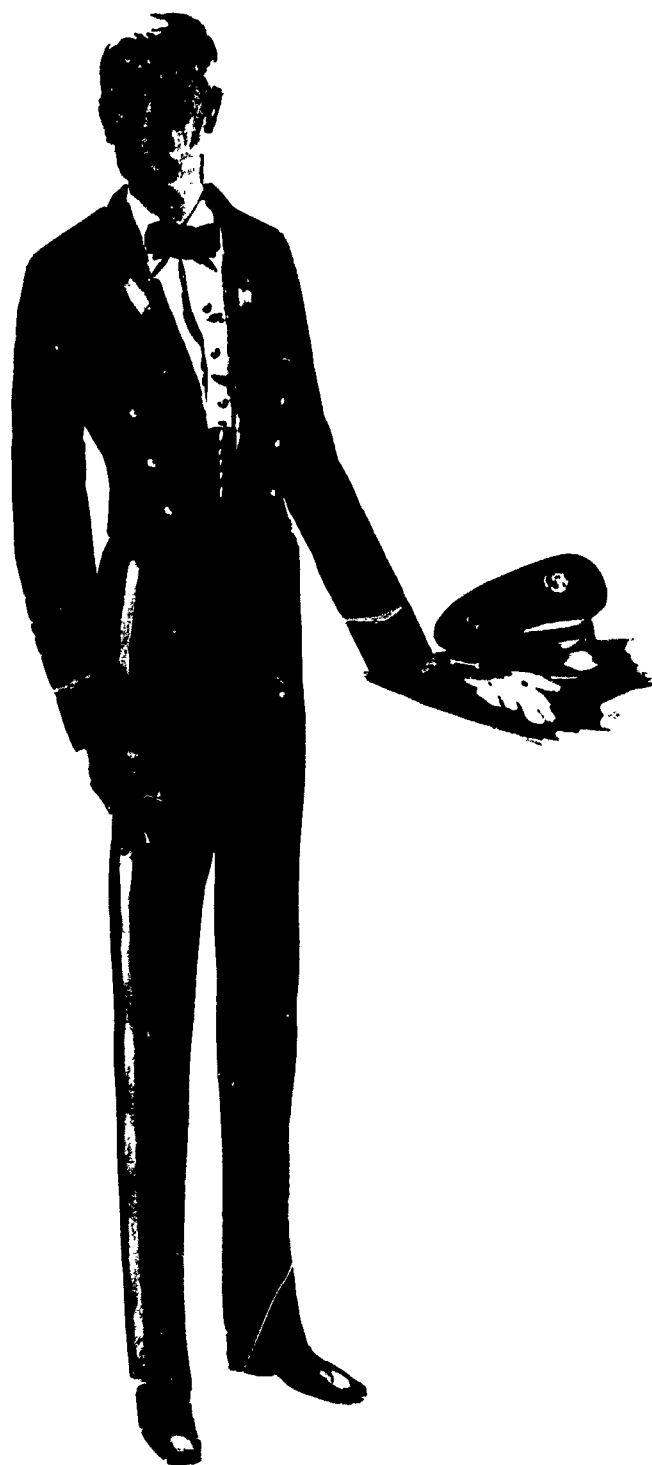
16 Men's Proposed Blue Mess Uniform — Officer



17 Men's Blue Mess Uniform — Warrant Officer



18 Men's Proposed Blue Mess Uniform — Warrant Officer



19 Men's Proposed Blue Mess Uniform — Enlisted



20 Women's Black Mess Uniform – Officer & Warrant Officer – Short Skirt



21 Women's Proposed Blue Evening Dress Uniform — Officer — Long Skirt



22 Women's Proposed Blue Mess Uniform — Warrant Officer — Short Skirt



23 Women's Proposed Blue Mess Uniform — Enlisted — Short Skirt



24 Men's White Mess Uniform — Officer



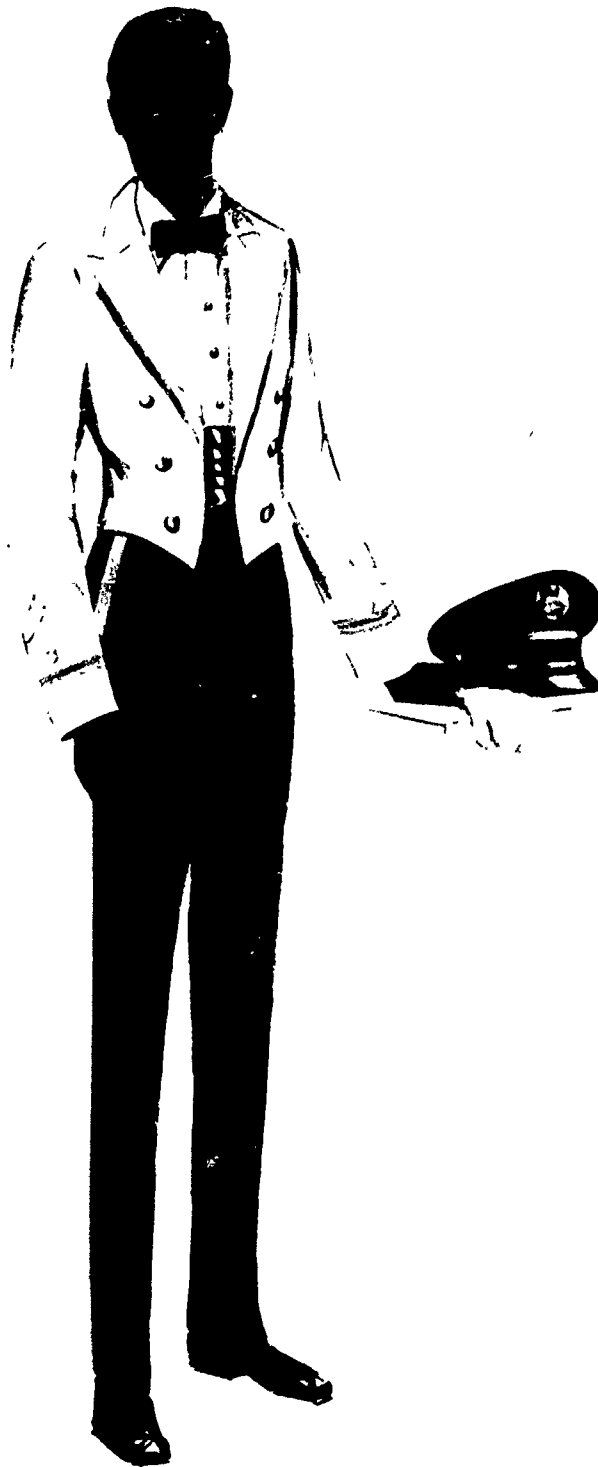
25 Men's Proposed White Mess Uniform — Officer



26 Women's White Mess Uniform — Officer



27 Women's Proposed White Mess Uniform --- Officer



28 Men's Proposed White Mess Uniform -- Enlisted



29 Woman's Proposed White Mess Uniform — Enlisted . . .

G. Cost Analysis

While it is difficult to predict future costs of the proposed uniforms described above, a comparison has been made of today's cost for both the current family of uniforms issued in the clothing bag, men's and women's, and the proposed family of issued uniforms of the 1980's. Adoption of the proposals cited above will result in an estimated cost savings of \$28.54 in the men's issued clothing bag uniform items and \$76.39 in the women's issued clothing bag uniform items in the 1980's.

The currently issued men's clothing bag will be modified in the 1980's by the proposed elimination of the Tan 445 summer uniform, the AG-44 winter uniform and the Tan 446 shirt. The Green 413 service shirt will be added to the clothing bag and the basis of issue of the AG-344 uniform will be changed from one coat and two trousers to two coats and three trousers. None of these proposed changes have yet been presented to the AUB and approved by the Chief of Staff. The current men's clothing bag issued uniforms and their costs are given in Table 1. The proposed 1980's men's clothing bag issued uniforms and their estimated costs are given in Table 2.

TABLE 1
CURRENT MEN'S CLOTHING BAG ISSUED UNIFORMS — FISCAL
YEAR 1977

Item	Allowance	Unit Cost ¹	Cost
Coat, wool, serge, AG-44	1	\$33.40	\$33.40
Coat, wool/polyester, AG-344	1	30.40	30.40
Cap, garrison, wool/polyester, AG-344	1	2.39	2.39
Cap, service, wool, AG-44	1	8.68	8.68
Shirt, cotton/polyester, short sleeve, 445	3	5.07	15.21
Shirt, cotton/polyester, 446	3	4.25	12.75
Trousers, cotton/polyester, 445	3 pr	6.64	19.92
Trousers, wool, serge, AG-44	1 pr	10.30	10.30
Trousers, wool/polyester, AG-344	2 pr	7.14	14.28
			<u>\$147.33</u>
All other bag items			192.10
Total bag cost			<u>\$339.43</u>

¹ Actual cost.

TABLE 2
PROPOSED MEN'S CLOTHING BAG ISSUED UNIFORMS — 1980's

Item	Allowance	Unit Cost ¹	Cost
Coat, wool/polyester, AG-344	2	\$30.40	\$60.80
Cap, garrison, wool/polyester, AG-344	1	2.39	2.39
Cap, service, wool, AG-44	1	8.68	8.68
Shirt, cotton/polyester, short sleeve, 413	5	5.10	25.50
Trousers, wool/polyester, AG-344	3	7.14	21.42
			<u>\$118.79</u>

¹ Estimated 1976 cost.

The current women's clothing bag is scheduled for modification in the near future (fiscal year 1978). The Green 160 cord uniform will be replaced by the AG-388 warp knit summer uniform, and an AG-344 pantsuit ensemble will be added. However, as a basis of comparison and for the purposes of this study, the proposed changes in the women's clothing bag uniform items for the 1980's are compared to the current (fiscal year 1977) women's clothing bag issued uniform items.

It is anticipated that all of the uniform items (with the exception of the service hat) currently included in the enlisted women's clothing bag issue shown in Table 3 will either be replaced or redesigned in the 1980's.

TABLE 3
CURRENT WOMEN'S CLOTHING BAG ISSUED UNIFORMS —
FISCAL YEAR 1977

Item	Allowance	Unit Cost ¹	Cost
Coat, Army Green cord, 160	3	\$17.80	\$53.40
Coat, wool, serge, AG-44	1	60.00	60.00
Coat, wool/polyester, AG-344	1	30.80	30.80
Hat, service wool, AG-44	1	19.50	19.50
Shirt, cotton/polyester	3	7.54	22.62
Skirt, Army Green cord, 160	3	6.66	19.98
Skirt, wool/polyester, AG-344	1	4.81	4.81
Skirt, wool, serge, AG-44	1	9.30	9.30
			<u>\$220.41</u>
All other bag items			<u>252.37</u>
Total bag cost			<u>\$472.78</u>

¹ Actual cost.

Table 4 lists the proposed women's clothing bag issue wardrobe for the 1980's. As mentioned above, some of the items shown in Table 3 will be replaced or added to prior to the 1980's. It is anticipated that these too will be replaced or redesigned in the 1980's women's clothing bag uniform wardrobe.

TABLE 4
PROPOSED WOMEN'S CLOTHING BAG ISSUED UNIFORMS —
1980's

Item	Allowance	Unit Cost ¹	Cost
Coat, wool/polyester, AG-344	2	\$30.80	\$61.60
Hat, service, wool, AG-44	1	19.50	19.50
Shirt, cotton/polyester, short-sleeve, 413	5	7.54	37.70
Skirt, wool/polyester, AG-344	2	4.81	9.62
Slacks, wool/polyester, AG-344	1	15.60	15.60
			<u>\$144.02</u>

¹ Estimated 1976 cost.

The optional purchase uniform program will also be affected by the proposals given for the uniforms of the 1980's. Currently, when men purchase a complete authorized uniform wardrobe from the Army and Air Force Exchange Service (PX), it can be expected that the cost would be very close to that given in Table 5. Each uniform cost shown reflects 1976 prices and includes a complete ensemble. For instance, an Army Green uniform includes cap, shirt, tie, coat and trousers. Shoes, socks and gloves are not considered. As a comparison, the proposed men's wardrobe of authorized uniforms for the 1980's is also given in Table 5 along with estimated costs (based on 1976 estimates) if purchased from the PX system. As shown, the proposed 1980's men's wardrobe cost is significantly lower.

TABLE 5
AUTHORIZED MEN'S UNIFORMS COST

	Fiscal year 1977 PX	1980's
Tan 445 Summer Uniform	\$ 28.30	NA
Army Green Uniform	96.98	\$ 99.48
Army Blue Uniform	136.18	136.18
Army White Uniform	111.25	NA
Army Blue Mess Uniform	263.00	263.00
Army White Mess Uniform	81.25	¹ 42.00
Cape	180.00	NA
	<u>\$896.96</u>	<u>\$540.66</u>

NA — Not authorized.

¹ Includes jacket only — trousers from Army Blue Mess uniform will be worn with white jacket.

It is recognized that these costs would be dependent on the uniform fabric selected; however, the costs given are based on a typical polyester/wool blend. Also, these costs can be expected to be significantly higher if the uniforms are purchased from a commercial source rather than the PX.

The women's optional purchase uniform program will also be affected by the proposals outlined for the uniforms of the 1980's. Table 6 is a comparison of the PX costs for a complete current women's authorized uniform wardrobe, and the 1976 estimated PX costs of the proposed women's authorized uniform wardrobe for the 1980's. The same comparison guidelines given above for the men were used in the women's comparison. Again, the proposed 1980's women's wardrobe cost is significantly lower.

TABLE 6
AUTHORIZED WOMEN'S UNIFORMS COST

	Fiscal year 1977 PX	1980's
Army Green 388 Summer Uniform	\$ 64.00	NA
Army Green Uniform	108.00	\$115.00
Army Blue Uniform	121.70	121.70
Army White Uniform	10 ¹	NA
Army Green Pantsuit	63.00	¹ 19.75
Army Blue Mess Uniform	100.00	100.00
Army White Mess Uniform	57.50	57.50
	<u>\$615.90</u>	<u>\$ 413.95</u>

NA — Not authorized

¹ Includes slacks only — Jacket from Green uniform will be worn with slacks.

CONCLUSIONS

1. Generally, the men and women of today's Army feel that the current family of uniforms satisfies their basic requirements for a smart military appearance.

2. Change for the "sake of change" is not wanted in the current wardrobe of uniforms. Significant improvements in comfort, appearance and ease-of-care should be evident in any change. The need for change should be indicated by troop surveys or future industry capabilities.

3. All uniforms, male and female, should maintain tradition when feasible and make men and women look like soldiers of one Army, but retain the masculinity of the men and femininity of the women.

4. The functional performance requirements for military uniform fabrics essentially limit them to woven goods. Current and projected efforts in the textile industry will alter this fact only to a limited degree.

5. The trend in the textile industry toward the increased use of noncellulosic manmade fibers, either in blends with natural fibers or as replacements for them, will necessitate some redevelopment of current military uniform fabrics in order to keep sources of supply available.

6. The problems associated with certain dyestuff components used in dyeing military uniform fabrics in the light of EPA and OSHA regulations may very well worsen in the future.

7. A single year-round uniform fabric should be developed for men and for women in each of the following three categories: service uniforms, dress uniforms, mess uniforms. These uniforms should be designed and styled to allow multiple use of certain uniform components.

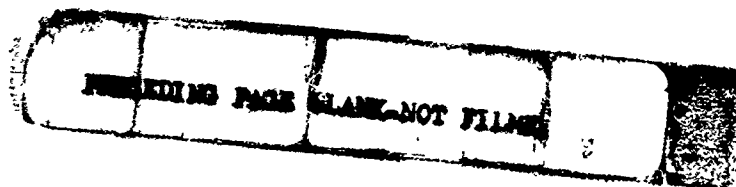
8. No great departure from military tradition or from the tradition of American clothing design is warranted for the Army uniforms of the 1980's. The future Army uniforms should follow the general line of American civilian wear based upon ease-of-care, appearance and comfort, which are the important factors in the current trend in civilian clothing designing.

9. Army Green is part of Army tradition. No departure of this color shade for use in service uniforms for the men and women of the Army is indicated.

10. The textile production base of the United States can adequately serve the demands of military uniform fabrics during the current peacetime climate. However, while this base may service and support manpower mobilization in the early stages of a conflict, there is strong doubt that this base could support sustained production if the conflict is prolonged.

RECOMMENDATIONS

1. Propose to the Army Uniform Board and obtain Chief of Staff approval for a program to develop a single year-round uniform for men and for women in each of the following categories:
 - a. service uniform
 - b. dress uniform
 - c. mess uniform
2. The criteria or guidelines required in the development of the three uniforms cited above should be:
 - a. Officers and enlisted personnel will wear the same uniform except for braid and insignia differences.
 - b. Men's and women's uniforms will be the same color.
 - c. Male and female service uniforms will be monotone in the Army Green shade.
 - d. Women will have a mix and match skirt, slacks and jacket ensemble for their service uniform.
 - e. Men will have a service uniform which will include a long- and a short-sleeve shirt to be worn with or without a jacket.
 - f. Where possible, uniform components will have multiple uses; e.g., single type of trousers for both the men's dress and mess uniforms. Detailed recommendations which incorporate the criteria or guidelines given above, are outlined for each uniform category in the Proposed Uniform Concepts section of this report. A careful analysis of these proposals and an in-depth review of Figures 1-29 are urged.
3. An aggressive research and development program be initiated which will develop, test and adopt alternate military uniform textile materials and which will be compatible with the fiber and textile manufacturing capacity situation and yet will meet all essential technical requirements.
4. An evaluation be conducted of the capabilities of the dyeing and finishing industry with respect to chemical material shortages and other restraints such as safety and environmental; also, a research and development effort be directed to alleviate the specific problems identified.



APPENDIX A
DEPARTMENT OF THE ARMY
Office of the Adjutant General
Washington, D.C. 20610

DAPE-PBR
DAAG-AMM

13 September 1974

SUBJECT: Study: Army Dress Uniforms for the 1980's

Commander
U.S. Army Materiel Command
ATTN.: AMCRD-TI
5001 Eisenhower Avenue
Alexandria, Virginia 22333

1. Purpose. To determine the best mix, design, color and fabric composition of Army uniforms for the 1980's.
2. References:
 - a. AR 1-28, Army Study Documentation and Information Retrieval System (ASDIRS).
 - b. AR 670-5, Uniform and Insignia, Male Personnel.
 - c. DOD Directive 1338.5, Armed Forces Clothing Monetary Allowance Policies and Regulations.
 - d. AR 700-84, Logistics, Issue and Sale of Personal Clothing.
 - e. CTA 50-900, Clothing and Individual Equipment (Active Army, Reserve Components, and DA Civilian Employees).
 - f. AR 670-30, Uniform and Insignia, Female Personnel.
 - g. Letter, AMCPA-X, 20 March 1974, subject: Proposed Study, "Army Dress Uniforms for the 1980's."
3. Study Sponsor. The Office of the Deputy Chief of Staff for Personnel. Sponsor Point of Contact for the study is LTC Charles D. Paulk, DAPE-HRP-P, Autovon 22-53353.
4. Study Agency. U.S. Army Materiel Command.
5. Terms of Reference.
 - a. Problem.
 - (1) To determine the best mix, design, color, and fabric composition of Army uniforms for the 1980's.
 - (2) Recent and forecasted improvements by the clothing and textile industry create opportunities for upgrading U.S. Army uniforms. Uniforms have a significant impact on recruiting efforts and simultaneously add to the esprit and morale of the entire force as well as contribute to the personnel retention rate. The Army Uniform Board (AUB) in coordination with Natick Laboratories has taken advantage of new materials where possible; however, the entire family of uniforms has not been evaluated for adequacy of design or acceptability to the soldier and his mission. The study will reveal the need, if any, to develop or modify uniforms to optimize acceptance, functionality of design and cost effectiveness.
 - b. Objective. To identify, develop, test, and adopt a family of uniforms that will enhance appearance, soldier acceptance and pride in the U.S. Army, and to take advantage of technical changes in the textile industry. The end result will be an improved revision, elimination or replacement of the existing Army Khaki/Tan, Army Green, Army Blue, Army White, Army Blue Mess, Army White Mess, and Army Evening Dress uniforms.
 - c. Scope.
 - (1) Conduct survey of Army personnel to determine desired improvements with respect to uniforms of the 1980's.
 - (2) Consider all possible factors which influence requirements for an Army uniform such as type duty, personnel identification, tradition, climatic conditions, and public perception.
 - (3) Evaluate the current family of uniforms for soldier acceptance, accomplishment of requirements, and total wardrobe cost.
 - (4) Evaluate current and projected fabrics suitable for military uniform manufacture.
 - (5) Develop projections of uniform trends into the 1980's.

- (6) Develop prototypes of uniform projections
 - (7) Test and evaluate each prototype. (Study agency laboratory test and evaluation.)
 - (8) Present prototypes to AUB for approval.
 - (9) Determine user preference and acceptability of each prototype.
 - (10) Select uniforms which represent optimization of acceptance, functionality of design, and cost parameters.
 - (11) Consider accessories, insignia and accouterments as a part of the uniform. Indicate recommended manner of wear.
 - (12) Consider a basis of issue for each uniform
 - d. Time Frame. The study should analyze current uniforms and soldier opinions during 3d and 4th quarters fiscal year 1975, and develop concepts for implementation during fiscal year 1980.
 - e. Limits. All Army uniforms except field and work will be considered.
 - f. Assumption. That changes to current uniforms should not be influenced unduly by budgetary considerations.
 - g. Essential Elements of Analysis (EEA). The study should investigate the following:
 - (1) What operational factors influence uniform requirements?
 - (2) What traditional factors influence uniform requirements?
 - (3) What dissatisfaction, if any, exists with the current uniforms?
 - (4) What is public reaction to current uniforms?
 - (5) What is predicted public reaction to future uniforms?
 - (6) Current and projected fabrics for uniforms?
6. Environment/Threat Guidance. The study should not consider combat uniforms.
7. Support and Resource Requirements. Funds for clerical, equipment, travel, contractual, and such other support as required, will be provided by USAMC.
8. Administration.
- a. Study title. Army Dress Uniforms for the 1980's
 - b. Study schedule. Study will be completed NLT 31 December 1975; progress reports are required quarterly starting 4th quarter fiscal year 1975.
 - c. Study report. Study sponsor will be provided a minimum of 25 copies of the final report.

BY ORDER OF THE SECRETARY OF THE ARMY.

Adjutant General

APPENDIX B

STUDY GUIDELINES AND ASSUMPTIONS

1. Separate services — Army, Air Force, Navy, Marine Corps, Coast Guard — will continue to exist in the 1980's.
2. Current dress uniform requirements will exist in the 1980's and the recommended family of uniforms must satisfy those requirements.
3. Emphasis should be given to appearance, style, comfort and utility; however, if priorities are needed then appearance should be first.
4. The desired image of the 1980 uniforms requires additional consideration; however, assume a conservative image as a starting point.
5. The degree of visibility the Army will desire in the 1980's requires additional consideration.
6. The Army should have complete distinction from the civilian population.
7. The extent in which civilian styling features should be incorporated into uniforms of the 1980's requires additional consideration.
8. A "one soldier" concept should be assumed; however, the current male-female image should be retained.
9. There will be integrated male-female units
10. Pantsuits should be a consideration but not for the purpose of making women look like men.
11. The strength of the Army will remain stable.
12. Army will be composed of volunteers but this should not unduly influence the study.
13. A military uniform does influence an individual's decision to enlist.
14. Ratio of male to female personnel in the Army cannot be predicted; however, use 75-85% male to 15-25% female.
15. Changes to current uniforms should not be influenced unduly by budgetary considerations.
16. Uniforms will continue to be issued to enlisted men and individually purchased by officers and warrant officers.
17. The ease of manufacture of proposed designs is a factor to be considered by the study agency.
18. Ease of maintenance should be a consideration.
19. The user should not be ignored nor should his preference be the decisive factor in arriving at a recommendation.
20. The study agency should use the approach that best provides data to determine user acceptance.
21. Requirements for evening dress uniforms will remain the same. Alternate methods of satisfying evening dress requirements are to be considered.
22. Consideration should be given to components of several uniforms being interchangeable.
23. Officers and enlisted personnel uniforms should be the same; however, each should have different distinctive items.
24. The study should determine the number of uniform types.
25. Basic uniforms will be mandatory to own and wear.
26. Each arm of service should retain its distinctive insignia.
27. The study should not address combat uniforms.
28. The ratio of time required for wearing of the uniform in respect to duty and nonduty hours will remain the same as present.
29. Consideration should be given to year-round wear of the same uniform.
30. Recruits and regular Army personnel should wear the same uniform.
31. Emphasis on insignia should remain the same as present.
32. Insignia will be of metal or embroidered material.

33. Weight of insignia should not be significant.
34. Study agency should consider configuration of uniform with an open mind.
35. Study agency should consider headgear type with an open mind.

APPENDIX C

MEN'S ARMY UNIFORMS

- Army Khaki Uniform —** Authorized for wear by officers, warrant officers and enlisted men during the summer uniform season. Uniform is included in clothing bag issue of enlisted men and consists of matching trousers and short sleeve shirt. Officers and warrant officers are authorized to wear this uniform while on duty. Enlisted men are authorized to wear this uniform while on duty, off duty and during travel.
- Army Tan Uniform —** Authorized for wear on an optional basis by officers, warrant officers and enlisted men during the summer uniform season. Uniform is not included in clothing bag issue of enlisted men and consists of matching trousers and short sleeve shirt. Officers and warrant officers are authorized to wear this uniform while on duty and during travel in prescribed areas. Enlisted men are authorized to wear this uniform while on duty (except in formation), off duty and during travel.
- Army Green Uniform —** Authorized for year-round wear by officers, warrant officers and enlisted men. Uniform is the normal service uniform during the winter season and is included in clothing bag issue of enlisted men. Uniform consists of matching coat and trousers and is authorized for wear by officers, warrant officers and enlisted men while on duty, off duty, during travel and at formal social functions.
- Army Blue Uniform —** Authorized for year-round wear by officers, warrant officers, and enlisted men. Uniform is not included in clothing bag issue of enlisted men. Uniform is required to be owned by officers and warrant officers and optional for enlisted men. Consists of matching coat and trousers for general officers and coat and lighter shade trousers for other officers, warrant officers and enlisted men. Officers and warrant officers are authorized to wear this uniform for social functions after retreat. Enlisted men are authorized to wear this uniform on duty (when prescribed by local commander) and off duty.
- Army White Uniform —** Authorized for year-round wear on an optional basis for officers, warrant officers and enlisted men. Uniform is not included in clothing bag issue of enlisted men and only officers and warrant officers serving in prescribed areas are required to own the uniform. Consists of matching coat and trousers and is authorized for wear by officers and warrant officers on appropriate occasions as desired. Authorized for wear by enlisted men while on duty (when specified by local commander) and off duty.
- Army White Mess Uniform —** Authorized for year-round wear on an optional basis for officers and warrant officers. Only officers and warrant officers serving in prescribed areas are required to own the uniform. Consists of a coat (cut on the lines of an evening dress coat), vest and trousers and is authorized for wear to official, social or private functions after retreat.

Army Blue Mess Uniform — Authorized for year-round wear on an optional basis for officers and warrant officers. Consists of matching coat (cut on the lines of an evening dress coat), trousers and cummerbund for general officers and a coat, lighter shade trousers and cummerbund for all other officers and warrant officers. Can be worn to official, social or private functions after retreat.

Army Blue Evening Dress Uniform — Authorized for year-round wear on an optional basis for officers and warrant officers. Consists of a matching coat (cut on the lines of an evening dress coat), trousers, white formal dress shirt with a wing collar, white bow-tie and white vest. Can be worn to official, social or private functions after retreat.

APPENDIX D

WOMEN'S ARMY UNIFORMS

- Army Green Cord Uniform —** Authorized for wear by officers, warrant officers and enlisted women during the summer uniform season. Uniform is included in clothing bag issue of enlisted women and consists of matching coat and skirt. All personnel are authorized to wear this uniform on or off duty.
- Army Green Uniform —** Authorized for year-round wear by officers, warrant officers and enlisted women and is mandatory during the winter uniform season. Uniform is included in clothing bag issue of enlisted women and consists of matching coat and skirt. All personnel are authorized to wear this uniform on or off duty.
- Army Blue Uniform —** Authorized for year-round wear by officers and warrant officers and optional for enlisted personnel. Consists of matching coat and skirt and is worn on duty when prescribed by the local commander, off duty when appropriate and for social functions after retreat. Uniform is not included in clothing bag issue of enlisted women.
- Army White Uniform —** Authorized for optional year-round wear by officers, warrant officers and enlisted women. Uniform is not included in clothing bag issue of enlisted women and only officers and warrant officers serving in prescribed areas are required to own the uniform. Consists of matching coat and skirt and is worn on duty when specified by local commanders, and off duty.
- Army Black Mess Uniform —** Authorized for optional year-round wear by officers. Consists of a matching black street-length skirt, jacket and cummerbund. May be worn at formal social functions of an official or private nature.
- Army White Mess Uniform —** Authorized for optional year-round wear by officers and warrant officers. Consists of a black street-length skirt, white jacket and black cummerbund. May be worn at formal social functions of an official or private nature.
- Army All-White Mess Uniform —** Authorized for optional year-round wear by officers and warrant officers. Consists of a matching white street-length skirt, jacket and cummerbund. May be worn at formal social functions of an official or private nature.
- Summer Dress, Jacket Uniform —** Authorized for optional wear by officers, warrant officers and enlisted women during the summer uniform season. Uniform is not included in clothing bag issue of enlisted women and consists of matching dress and cardigan jacket. All personnel are authorized to wear this uniform while on or off duty. Dress can be worn with or without jacket.

**Summer Skirt and Jacket
Uniform —**

Authorized for summer wear by officers, warrant officers and enlisted women. Uniform is scheduled for inclusion in the clothing bag issue of enlisted women in the summer of 1978. Consists of a matching long sleeve jacket, short sleeve jacket and skirt and is worn by all female personnel on or off duty. Will replace the Army Green Cord uniform as a clothing bag issue item.

**Army Green Pantsuit
Uniform —**

Authorized for year-round wear by officers, warrant officers and enlisted women. Consists of a matching jacket and slacks with a contrasting tunic. Can be worn by all female personnel on or off duty and during travel. Will be included in the clothing bag issue for enlisted women in November 1977.

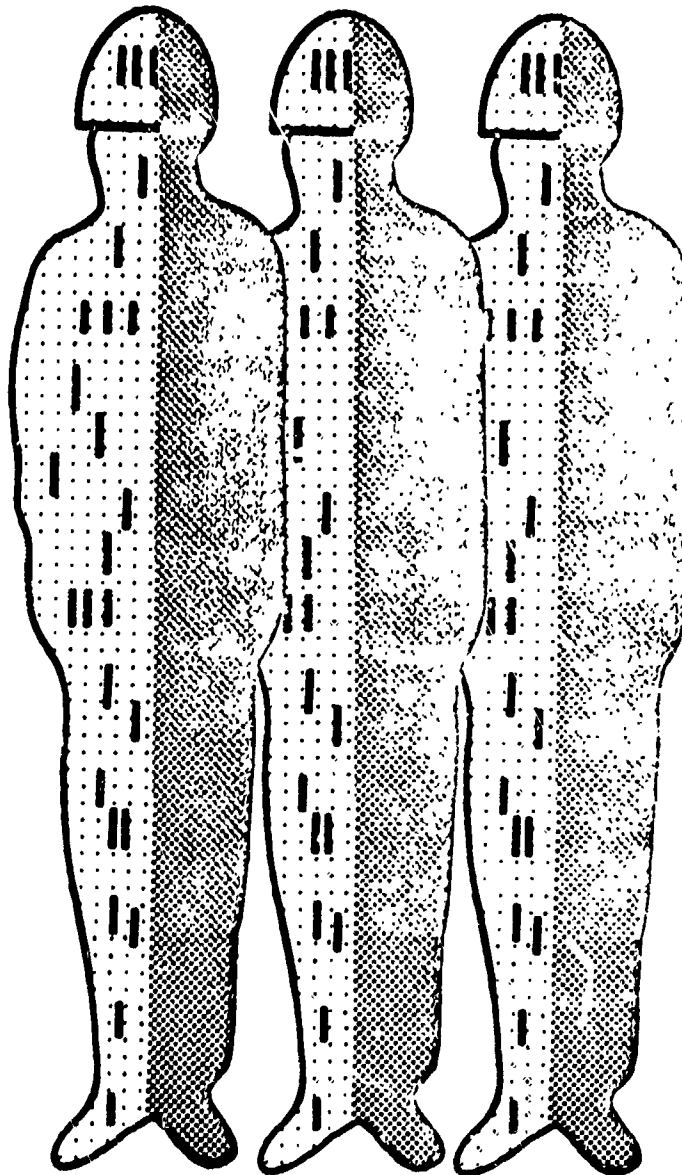
**Army White Evening Dress
Uniform —**

Authorized for optional year-round wear by all female officers and warrant officers. Consists of a white jacket, long black skirt and black cummerbund. May be worn at formal social functions after retreat.

**Army Black Evening Dress
Uniform**

Authorized for optional year-round wear by all female officers and warrant officers. Consists of a black jacket, long black skirt and black cummerbund. May be worn at formal social functions after retreat.

APPENDIX E
MALE PERSONNEL



UNIFORM SURVEY
31 JANUARY 1976
RCS CSGPA-(OT) 1392

ARMY DRESS UNIFORM QUESTIONNAIRE

The Army is studying what uniforms its members will wear in the years to come. This questionnaire is one of the most important parts of that study because it will tell us what *YOU* think of today's dress uniforms and what *YOU* would like to have in the future for your dress uniforms. The purpose of this questionnaire is to get your opinions and ideas about Army dress uniforms. It provides you with the chance to tell the Army what you want to wear. I hope you will take advantage of this chance to tell us what you think on this important subject.

KENNETH E. DOHLEMAN
Major General, GS
Director of Human Resources
Development

Sample Survey of
Military Personnel
(AR 600-46, 1 Sep 74)

Survey
Number
MU-2

AS OF
31 January 1976

Reports Control
Symbol
CSGPA (OT) 1392

FOR PERSONNEL WITH SOCIAL SECURITY NUMBERS ENDING IN:

Male Officer: 3 (4 as a backup)

Male Enlisted: 02 (22 and 42 as a backup)

THE REPLIES TO THESE QUESTIONS ARE GIVEN IN CONFIDENCE FOR ARMY STATISTICAL USE ONLY. YOU ARE OBLIGATED TO PRESERVE THIS CONFIDENCE BY INSURING THAT THE ANSWERS ARE NOT MADE KNOWN TO ANYONE EXCEPT AS REQUIRED FOR ADMINISTRATIVE PROCESSING OF THE SURVEY.

REQUIRED FORMS TO ADMINISTER THIS SURVEY. ONE COPY OF THIS QUESTIONNAIRE AND ONE ANSWER SHEET (DA FORM 3421) FOR EACH INDIVIDUAL TO BE SURVEYED.

GENERAL INSTRUCTIONS TO RESPONDENTS

1. Use ONLY No. 2 PENCIL when filling out the answer sheet.
2. Find your installation code on the following page and enter it in the Social Security Number block on your answer sheet. See example on the bottom of the following page.
3. DO NOT place your name or Social Security Number (SSN) anywhere on the answer sheet. This will assure the anonymity of your responses.
4. Enter Survey Number "MU-2" in the space provided at the top of the answer sheet.
5. In the upper right corner of the answer sheet circle the appropriate category.

OFF EM EW
CIRCLE CATEGORY

6. Read each question and all its responses carefully before selecting your answer. If any question is not clear or you have any difficulty, ask for help from the supervisor.
7. Answer all questions as of 31 January 1976 even though you may be filling out the answer sheet before or after that date.
8. Be sure that the question number on the answer sheet is the same as the number of the question you are answering.

9. Select only one response to each question. Mark the box on the answer sheet that has the same letter or number as the response you selected from the questionnaire. Do not write on the questionnaire.

10. Fill in the box with a heavy mark, but do not go outside the lines of the box. Look at the examples below:

**RIGHT WAY
TO MARK
ANSWER SHEET**

	A	B	C	D	E	F	G	H
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E	F	G	H
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**WRONG WAY
TO MARK
ANSWER SHEET**

	A	B	C	D	E	F	G	H
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E	F	G	H
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E	F	G	H
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E	F	G	H
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E	F	G	H
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. If you make a mistake, erase the mark completely before entering a new one.

INSTALLATION CODES

01 Aberdeen Proving Ground	28 Fort McPherson
02 Fort Belvoir	29 Fort Meade
03 Fort Benning	30 Fort Monmouth
04 Fort Bliss	31 Fort Monroe
05 Fort Bragg	32 Military District of Washington
06 Fort Campbell	33 Natick Laboratories
07 Carlisle Barracks	34 Oakland Army Base
08 Fort Carson	35 Fort Ord
09 Fort Detrick	36 Picatinny Arsenal
10 Fort Devens	37 Fort Polk
11 Fort Dix	38 Redstone Arsenal
12 Dugway Proving Ground	39 Fort Riley
13 Fort Eustis	40 Fort Ritchie
14 Fitzsimmons General Hospital	41 Rock Island Arsenal
15 Fort Gordon	42 Fort Rucker
16 Fort Hamilton	43 Presidio of San Francisco
17 Fort Benjamin Harrison	44 Fort Sheridan
19 Fort Hood	45 Fort Sill
20 Fort Sam Houston	46 Fort Stewart
21 Fort Huachuca	47 U.S. Military Academy, West Point
22 Fort Jackson	48 Walter Reed Army Medical Center
23 Fort Knox	49 White Sands Missile
24 Fort Leavenworth	50 Fort Leonard Wood
25 Fort Lee	51 Fort McCoy
26 Fort Lewis	52 Yuma Proving Ground
27 Fort McClellan	53 U.S.A. Criminal Investigation Cmd.

- 55 Fort Buchanan
- 56 U.S. Army, Alaska
- 57 U.S. Army Forces, Southern Command
- 58 U.S. Army Support Hawaii
- 59 U.S. Army, Europe
- 60 Defense Language Inst., West Coast Br.
- 62 Anniston Army Depot
- 63 Sierra Army Depot
- 65 Fort Drum
- 66 U.S.A. Foreign Science & Technology Ctr.
- 68 Letterkenny Army Depot
- 69 New Cumberland Army Depot
- 70 Pueblo Army Depot
- 71 Red River Army Depot
- 72 Sharpe Army Depot
- 73 Savanna Army Depot
- 74 Seneca Army Depot
- 75 Tobyhanna Army Depot
- 77 Sacramento Army Depot
- 78 Fort Indiantown Gap
- 79 Frankford Arsenal
- 80 Tooele Army Depot
- 81 Pine Bluff Arsenal
- 82 U.S.A. Materials & Mechanics Rsch Ctr.
- 83 Defense Personnel Supply Center
- 85 Rocky Mountain Arsenal
- 87 U.S.A. Tank/Automotive Command
- 88 U.S.A. Support Center, Philadelphia
- 90 Eighth U.S. Army, Korea
- 91 U.S. Army, Japan
- 92 USARSUPTHAI

Note The following are examples illustrating how to enter installation numbers in social security block at top left of answer sheet.

13 Fort Eustis

	0	1	2	3	4	5	6	7
1								
3								

36 Picatinny Arsenal

	0	1	2	3	4	5	6	7
3								
6								

For the purpose of this survey, Army Dress Uniforms include the Army Green Uniform, the Army Khaki or Tan Uniform, Army Blue Uniform and the Army White Uniform *only*. Army White Mess and Blue Mess Uniforms should not be considered until Section VI. Field and work uniforms are excluded. The uniforms mentioned in this survey are pictured below. You may refer to the pictures to help you answer the questions. *Please read and follow all instructions very carefully.* A comments sheet is provided on the back of this booklet. You are encouraged to make your comments, tear off the comments sheet and return it to the survey officer along with your answer sheet. Written comments have been very valuable to decision makers in previous surveys.

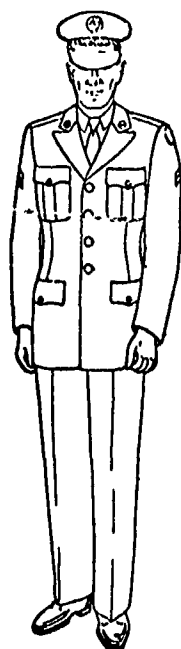


Fig. 1
Army Green Uniform

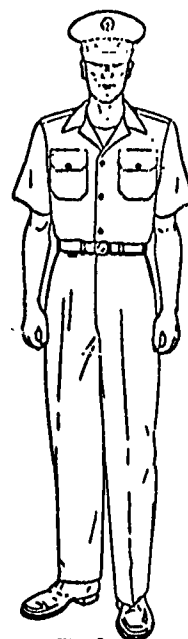


Fig. 2
Army Khaki/Tan Uniform

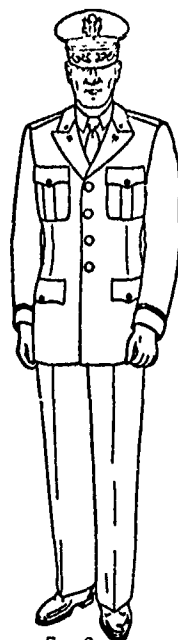


Fig. 3
Army White Uniform

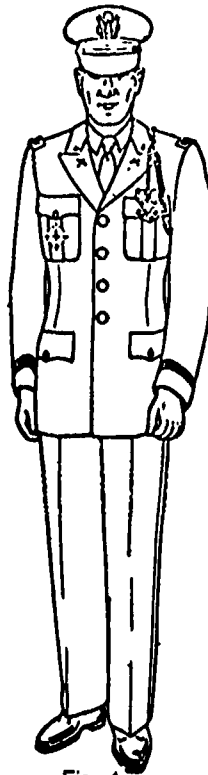


Fig. 4
Army Blue Uniform



Fig. 5
Army White Mess Uniform



Fig. 6
Army Blue Mess Uniform

Results shown in percentages unless otherwise stated.

SECTION I General Questions Concerning Army Uniforms

1. In your opinion, which of the following is the most important feature an Army uniform should have?

	ENLISTED	OFFICERS
A. Neat military appearance	49	63
B. Comfort	24	25
C. Long wear life	6	4
D. Ease of maintenance	5	4
E. Low replacement cost	3	1
F. Contemporary styling	13	3

2. Authorized Army uniforms include the Green Uniform, Khaki/Tan Uniform, White Uniform, and the Blue Uniform. In your opinion this is:

	ENLISTED	OFFICERS
A. Not enough uniforms	13	8
B. The right number of uniforms	48	47
C. One too many uniforms	23	34
D. More than one too many uniforms	16	11

3. If you could eliminate *one* of the following uniforms, which one would you eliminate?

	ENLISTED	OFFICERS
A. I would not eliminate any uniform	27	27
B. Khaki/Tan Uniform	13	6
C. Green Uniform	15	4
D. White Uniform	38	55
E. Blue Uniform	7	8

4. How important is the color of a military uniform to you?

	ENLISTED	OFFICERS
A. Very important	42	29
B. Somewhat important	31	40
C. Of little importance	14	19
D. Not important	13	12

5. Do you feel that officers and enlisted personnel should wear the same type of uniforms? (Same color, fabric, styling except for braid and insignia differences)

	ENLISTED	OFFICERS
A. Yes	71	68
B. No	20	28
C. No opinion	9	4

6. In your opinion, should the men's and women's uniforms be the same color?

	ENLISTED	OFFICERS
A. Yes	70	87
B. No	19	7
C. No opinion	11	6

7. What would your reaction be to a single weight uniform fabric for year round wear?

	ENLISTED	OFFICERS
A. Very favorable	35	
B. Favorable	19	25
C. Doesn't make any difference	15	6
D. Unfavorable	19	18
E. Very unfavorable	12	6

8. To what extent should the Army uniforms keep up with the current civilian style trends (leisure suits, flared pants, etc.)?

	ENLISTED	OFFICERS
A. Completely change with style trends	13	3
B. Considerably change with style trends	26	12
C. Only slightly change with style trends	31	38
D. Style trends should not be a factor	30	47

9. If you had a choice, which of the following uniforms would you prefer for summer wear?

	ENLISTED	OFFICERS
A. A permanent pressed Khaki/Tan Uniform	46	57
B. Long sleeve shirt and Army Green trousers (with tie, but without jacket)	5	4
C. Short sleeve shirt and Army Green trousers (without jacket or tie)	18	24
D. A totally new "leisure suit" uniform	27	12
E. Current Army Green Summer Uniform	4	3

10. What length of black socks would you prefer to wear with your uniform?

	ENLISTED	OFFICERS
A. Ankle length	10	15
B. Slightly below the calf	22	27
C. Mid-calf level	34	34
D. Above the calf	20	19
E. Knee length	14	5

11. What weight of black sock would you prefer to wear with uniforms (do not include field uniforms)?

	ENLISTED	OFFICERS
A. Heavy weight	4	4
B. Medium weight	61	67
C. Light weight	35	29

12. How satisfied or unsatisfied are you with the current issue black sock?

	ENLISTED	OFFICERS
A. Extremely satisfied	6	6
B. Satisfied	44	34
C. Unsatisfied	32	36
D. Extremely unsatisfied	18	24
E. I do not wear them	—	—

Use the responses below to answer questions 13-16:

- A. Army uniforms are much poorer
- B. Army uniforms are poorer
- C. Both uniforms are equal
- D. Army uniforms are better
- E. Army uniforms are much better
- F. Don't know

In general, how do the Army uniforms compare to:

	ENLISTED						OFFICERS					
	A	B	C	D	E	F	A	B	C	D	E	F
13. Navy uniforms?	20	29	16	16	7	12	13	29	22	19	7	10
14. Marine Corps uniforms?	28	26	17	14	6	9	22	30	20	14	6	8
15. Air Force uniforms?	18	21	27	17	8	9	10	24	36	18	6	6
16. Coast Guard uniforms?	12	16	14	14	6	38	9	15	18	15	5	38

SECTION II Questions Concerning the Army Green Uniform (See figure 1)

17. To what extent did the desire to wear the Army Green Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	8	3
B. Somewhat	10	7
C. Very little	20	11
D. Not a factor	62	79

18. To what degree does the Army Green Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	23	14
B. Somewhat	33	38
C. Very little	23	27
D. Not at all	21	21

19. How do you rate the reaction of the general public to the Army Green Uniform?

	ENLISTED	OFFICERS
A. Very favorable	10	6
B. Favorable	32	36
C. Indifferent	34	41
D. Unfavorable	10	9
E. Very unfavorable	6	2
F. Don't know	8	6

20. How do you rate your military appearance when dressed in the Army Green Uniform?

	ENLISTED	OFFICERS
A. Poor	6	5
B. Average	38	31
C. Above Average	35	46
D. Exceptional	21	18

Use the responses below to answer questions 21-26:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How do you rate the Army Green Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
21. Color?	15	40	22	15	8	18	43	22	8	4
22. Style?	10	35	22	22	11	12	47	20	14	7
23. Fabric?	11	36	26	17	10	9	42	21	20	8
24. Comfort?	9	32	20	22	17	8	43	21	21	7
25. Ease of maintenance?	11	37	21	17	14	10	40	23	18	9
26. Durability (long wear life)?	27	41	19	8	5	19	45	19	13	4

27. What is your overall opinion of the Army Green Uniform?

	ENLISTED	OFFICERS
A. Satisfied with the current uniform	20	29
B. Needs <i>minor</i> changes	45	48
C. Needs <i>major</i> changes	35	23

28. In your opinion, the Army Green Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	14	23
B. Coat style	34	39
C. Trouser design	26	8
D. Shirt style	10	16
E. Neckwear style	8	7
F. Headgear style	8	7

29. Which of the following colors would you prefer to replace the current color of the Army Green Uniform?

	ENLISTED	OFFICERS
A. I prefer not to change the color	38	58
B. Brown	10	10
C. Gray	8	7
D. Tan	8	10
E. Blue	24	7
F. Another green	12	8

30. If a change in the Army Green Uniform fabric was made, would you prefer a solid color (e.g. current Army Green Uniform fabric) or a blend of colors (e.g. plaids, tweeds, patterns, stripes, checks, etc.)

	ENLISTED	OFFICERS
A. I prefer a solid color fabric	75	90
B. I prefer a blend of colors fabric	14	6
C. No opinion	11	4

31. What would your reaction be to a two-tone color scheme to replace the current Green Uniform (different color trousers from jacket)?

	ENLISTED	OFFICERS
A. Very favorable	26	22
B. Favorable	24	23
C. Doesn't make much difference	12	12
D. Unfavorable	24	25
E. Very unfavorable	14	18

32. In your opinion, could the Army Green Uniform worn with a different shirt and tie replace the Army White and Army Blue Uniforms?

	ENLISTED	OFFICERS
A. Yes	37	27
B. No	40	68
C. No opinion	23	5

NOTE: The Army Khaki Uniform is issued to personnel upon entry into the Army and sold at Quartermaster Clothing Sales stores. The Army Tan Uniform is a wash and wear uniform available in Post Exchanges.

*If you usually wear the Army issue Khaki Uniform, answer questions 34-45 according to how you feel about the Khaki Uniform. If you usually wear the Army Tan Uniform, answer questions 34-45 according to how you feel about the Tan Uniform. For example, if you wear the Khaki Uniform, question 34 should be: "To what extent did the desire to wear the Army Khaki Uniform motivate you to join the Army?"

SECTION III Questions Concerning the Army Khaki/Tan Uniform (See figure 2)

33. Do you usually wear the Army issue Khaki Uniform or the Army Tan Uniform?

	ENLISTED	OFFICERS
A. Army issue Khaki Uniform	58	7
B. Army Tan Uniform	42	93

34. To what extent did the desire to wear the Army Khaki/Tan Uniform motivate you to join the Army?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. Very much	7	5	2	10
B. Somewhat	10	11	6	12
C. Very little	22	24	14	16
D. Not a factor	61	60	78	62

35. To what degree does the Army Khaki/Tan Uniform add to your esprit and morale as a soldier?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. Very much	19	12	8	11
B. Somewhat	37	29	36	36
C. Very little	22	32	33	29
D. Not at all	22	27	23	24

36. How do you rate the reaction of the general public to the Army Khaki/Tan Uniform?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. Very favorable	13	8	6	16
B. Favorable	44	33	36	40
C. Indifferent	25	32	45	27
D. Unfavorable	6	10	5	5
E. Very unfavorable	5	4	2	4
F. Don't know	7	13	6	8

37. How do you rate your military appearance when dressed in the Army Khaki/Tan Uniform?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. Poor	6	14	5	15
B. Average	27	47	37	35
C. Above average	41	27	43	40
D. Exceptional	26	12	15	10

USE THE RESPONSES BELOW TO ANSWER QUESTIONS 38-43.

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How do you rate the Army Khaki/Tan Uniform in terms of:

	ENLISTED TAN					ENLISTED KHAKI				
	A	B	C	D	E	A	B	C	D	E
38. Color?	34	47	8	7	4	17	44	21	10	8
39. Style?	26	49	11	8	6	12	35	23	20	10
40. Fabric?	34	38	11	8	9	12	26	23	19	20
41. Comfort?	39	34	12	7	8	18	32	17	17	16
42. Ease of maintenance?	38	33	11	9	9	16	32	18	20	14
43. Durability (long wear life)?	22	44	15	13	6	21	40	24	9	6

	OFFICERS TAN					OFFICERS KHAKI				
	A	B	C	D	E	A	B	C	D	E
38. Color?	29	51	11	6	3	22	42	21	10	5
39. Style?	25	50	14	9	2	14	48	20	11	7
40. Fabric?	33	43	11	7	6	19	24	21	19	17
41. Comfort?	45	40	9	4	2	20	39	11	13	17
42. Ease of maintenance?	39	40	10	8	3	17	25	22	17	19
43. Durability (long wear life)?	23	46	17	10	4	18	43	18	14	7

44. What is your overall opinion of the Army Khaki/Tan Uniform?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. Satisfied with current uniform	40	27	49	27
B. Needs <i>minor</i> changes	45	36	37	45
C. Needs <i>major</i> changes	15	37	14	28

45. In your opinion, the Army Khaki/Tan Uniform can best be improved with changes to what part of the uniform?

	ENLISTED		OFFICERS	
	TAN	KHAKI	TAN	KHAKI
A. No improvement is needed	32	22	46	35
B. Shirt style	23	27	25	27
C. Trouser design	29	41	15	28
D. Headgear style	16	10	14	10

SECTION IV Questions Concerning the Army White Uniform (See figure 3)

46. To what extent did the desire to wear the Army White Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	5	2
B. Somewhat	8	4
C. Very little	16	7
D. Not a factor	71	87
E. I have never seen an Army White Uniform	—	—

47. To what degree does the Army White Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	9	6
B. Somewhat	16	16
C. Very little	16	18
D. Not at all	59	60
E. I have never seen an Army White Uniform	—	—

48. How do you rate the reaction of the general public to the Army White Uniform?

	ENLISTED	OFFICERS
A. Very favorable	9	12
B. Favorable	11	29
C. Indifferent	11	23
D. Unfavorable	2	5
E. Very unfavorable	3	1
F. I don't know	64	30

NOTE: Answer questions 49-56 only if you own an Army White Uniform. If you do not own the Army White Uniform, go on to Question 57.

49. How do you rate your military appearance when dressed in the Army White Uniform?

	ENLISTED	OFFICERS
A. Poor	17	9
B. Average	35	31
C. Above average	18	43
D. Exceptional	30	17

USE THE RESPONSES BELOW TO ANSWER Questions 50-54:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How would you rate the Army White Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
50. Color?	19	31	30	7	13	35	30	17	7	11
51. Style?	17	32	31	10	10	20	44	21	9	6
52. Fabric?	17	33	31	6	13	18	38	26	11	7
53. Ease of maintenance?	10	28	35	12	15	9	27	26	21	17
54. Durability (long wear life)?	15	35	33	7	10	15	33	34	11	7

55. What is your overall opinion of the Army White Uniform?

	ENLISTED	OFFICERS
A. Satisfied with current uniform	36	44
B. Needs <i>minor</i> changes	35	29
C. Needs <i>major</i> changes	29	27

56. In your opinion, the Army White Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	34	44
B. Coat design	23	35
C. Trouser design	22	10
D. Shirt style	10	5
E. Neckwear style	5	3
F. Headgear style	6	3

SECTION V Questions Concerning the Army Blue Uniform (See figure 4)

57. To what extent did the desire to wear the Army Blue Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	9	5
B. Somewhat	12	11
C. Very little	12	12
D. Not a factor	67	72
E. I have never seen an Army Blue Uniform	—	—

58. To what degree does the Army Blue Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	21	20
B. Somewhat	23	39
C. Very little	16	18
D. Not at all	40	23
E. I have never seen an Army Blue Uniform	—	—

59. How do you rate the reaction of the general public to the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Very favorable	24	26
B. Favorable	29	45
C. Indifferent	12	16
D. Unfavorable	2	5
E. Very unfavorable	2	1
F. I don't know	31	7

NOTE: Answer Questions 60-68 only if you own an Army Blue Uniform. If you do not own the Army Blue Uniform, go on to Question 69.

60. How do you rate your military appearance when dressed in the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Poor	7	6
B. Average	28	21
C. Above average	31	44
D. Exceptional	34	29

Use the responses below to answer Questions 61-66:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How would you rate the Army Blue Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
61. Color?	40	38	14	3	5	43	36	8	8	5
62. Style?	29	42	18	8	3	29	44	12	11	4
63. Fabric?	28	39	21	8	5	23	44	17	11	5
64. Comfort?	24	35	26	9	6	19	40	22	14	5
65. Ease of maintenance?	21	34	26	12	7	17	41	22	14	6
66. Durability (long wear life)?	28	41	24	4	3	30	45	19	4	2

67. What is your overall opinion of the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Satisfied with current uniform	47	45
B. Needs <i>minor</i> changes	38	36
C. Needs <i>major</i> changes	15	19

68. In your opinion, the Army Blue Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	41	39
B. Coat style	25	29
C. Trouser design	19	19
D. Shirt style	5	5
E. Neckwear style	6	4
F. Headgear style	4	4

69. What is your grade?

	NUMBER
A. O6-O4	484
B. O3-O1	501
C. CW4-W1	491
D. E6-E9	497
E. E1-E5	482

70. What is your age?

	ENLISTED N	OFFICERS N
A. 17-19	112	23
B. 20-25	306	261
C. 26-30	151	341
D. 31-39	275	508
E. 40 or older	120	335

71. What is the total amount of your ACTIVE FEDERAL MILITARY SERVICE (AFMS) completed as of 31 January 1976. (Be sure to include all Federal Service in an active duty status; whether part was commissioned, warrant, or enlisted service. Be sure all tours are counted.)

	ENLISTED N	OFFICERS N
A. Less than 1 year	91	35
B. 1 year but less than 4 years	264	268
C. 4 years but less than 8 years	143	250
D. 8 years but less than 12 years	99	205
E. 12 years or more	358	707

SECTION VI Questions Concerning Army Mess Uniforms (See figures 5 and 6)

NOTE: The following questions should be answered by officers and warrant officers only. If you are an enlisted man, go on to question 75; do not answer questions 72-74.

The Army White and Blue Mess Uniforms are dress uniforms and correspond to civilian tuxedo or "black tie" dress. These uniforms are authorized for wear at:

- Social functions of a general or official nature after retreat.
- Private formal dinners and other private formal social functions after retreat.

72. Do you feel that a formal Mess Uniform is a necessary part of your uniform wardrobe?

	OFFICERS	WARRANTS
A. Yes, only the Blue Mess Uniform	21	20
B. Yes, only the White Mess Uniform	4	4
C. Yes, both the Blue Mess and the White Mess Uniforms	15	9
D. No	60	67

73. If a change in the number of mess uniforms was made, which of the following changes would you prefer?

	OFFICERS	WARRANTS
A. Elimination of White Mess Uniform	31	27
B. Elimination of Blue Mess Uniform	9	6
C. Elimination of both Blue Mess and White Mess Uniforms in favor of a totally new year-round mess uniform	45	38
D. Eliminate both mess uniforms and wear the Army Green Uniform with formal shirt and tie	15	29

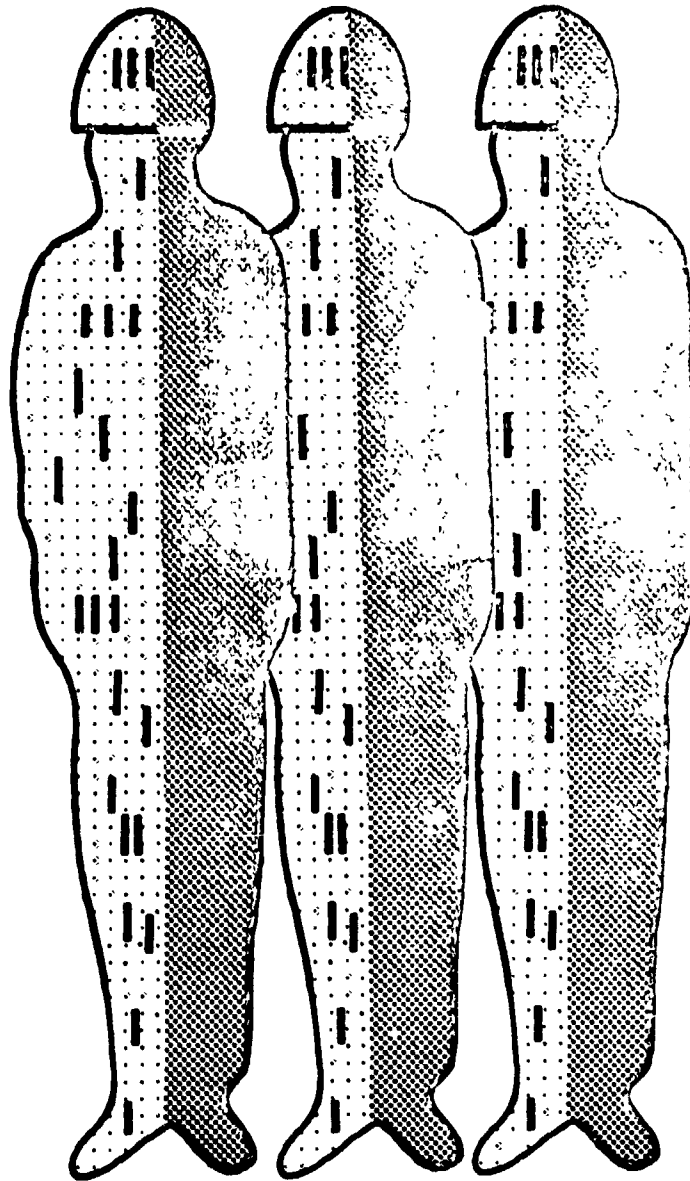
74. If a change in the fabric of the Army mess uniform was made, would you prefer a solid color or a blend of colors (e.g. plaids, tweeds, patterns, stripes, checks, etc.)?

	OFFICERS	WARRANTS
A. I prefer solid color fabric	76	71
B. I prefer a blend of colors	8	10
C. No opinion	16	19

75. Please mark box "A" on your answer sheet.

Thank you for completing the survey. If you wish to make written comments about how you feel about today's uniforms and the uniforms you would like to wear in the future, use the comments sheet on the back of this questionnaire. Return your comments sheet with your answer sheet to the survey officer.

APPENDIX F
FEMALE PERSONNEL



UNIFORM SURVEY
31 JANUARY 1976
RCS CSGPA-(OT) 1392

For the purpose of this survey, Army Dress Uniforms include the Army Green Uniform, the Cord Uniform, the Army Blue Uniform, and the Army White Uniform *only*. Army White Mess, Black Mess, and All-White Mess Uniforms should not be considered until Section VI. Field and work uniforms are excluded. The uniforms mentioned in this survey are pictured on the page below. You may refer to the pictures to help you answer the questions. *Please read and follow all instructions very carefully.* A comments sheet is provided on the back of this booklet. You are encouraged to make your comments, tear off the comments sheet and return it to the survey officer along with your answer sheet. Written comments have been very valuable to decision makers in previous surveys.

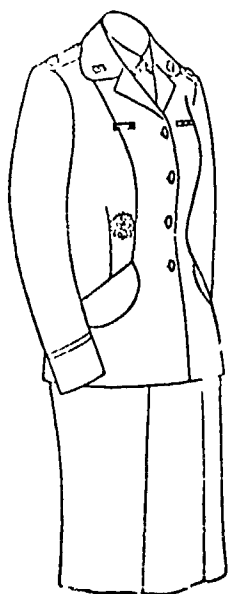


Fig. 1
Army Green Uniform



Fig. 2
Army Cord Uniform

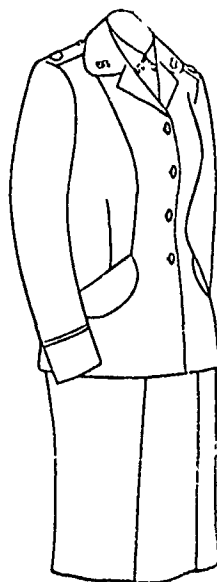


Fig. 3
Army White Uniform

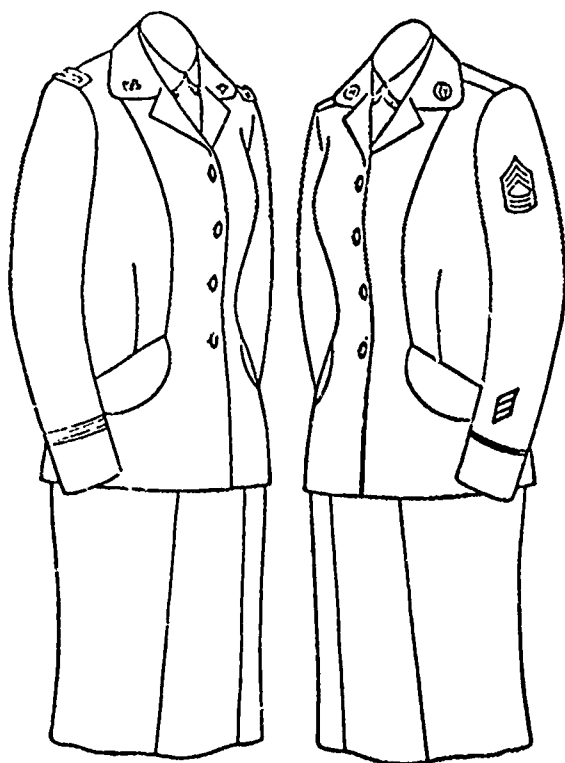


Fig. 4
Army Blue Uniform



Fig. 5
Army Mess Uniform
Black Mess (Black Jacket/Black Skirt)
White Mess (White Jacket/Black Skirt)
All White Mess (White Jacket/White Skirt)

Results shown in percentages unless otherwise stated.

SECTION I General Questions Concerning Army Uniforms

1. In your opinion, which of the following is the most important feature an Army uniform should have?

	ENLISTED	OFFICERS
A. Neat military appearance	40	55
B. Comfort	29	26
C. Long wear life	2	2
D. Ease of maintenance	5	7
E. Low replacement cost	6	2
F. Contemporary styling	18	8

2. Authorized Army uniforms include the Green Uniform, Cord Uniform, White Uniform and the Blue Uniform. In your opinion this is:

	ENLISTED	OFFICERS
A. Not enough uniforms	38	15
B. The right number of uniforms	51	42
C. One too many uniforms	8	30
D. More than one too many uniforms	3	13

3. If you could eliminate *one* of the following uniforms, which one would you eliminate?

	ENLISTED	OFFICERS
A. I would not eliminate any uniform	32	17
B. Cord Uniform	31	31
C. Green Uniform	12	5
D. White Uniform	19	39
E. Blue Uniform	6	8

4. How important is the color of a military uniform to you?

	ENLISTED	OFFICERS
A. Very important	39	43
B. Somewhat important	32	37
C. Of little importance	18	13
D. Not important	11	7

5. Do you feel that officers and enlisted personnel should wear the same type of uniforms? (Same color, fabric, styling except for braid and insignia differences.)

	ENLISTED	OFFICERS
A. Yes	80	87
B. No	14	8
C. No opinion	6	5

6. In your opinion, should the men's and women's uniforms be the same color?

	ENLISTED	OFFICERS
A. Yes	67	75
B. No	26	17
C. No opinion	7	8

7. What would your reaction be to a single weight uniform fabric for year round wear?

	ENLISTED	OFFICERS
A. Very favorable	19	40
B. Favorable	19	25
C. Doesn't make any difference	20	6
D. Unfavorable	28	22
E. Very unfavorable	14	7

8. To what extent should the Army uniforms keep up with the current civilian style trends (e.g., pants suits)?

	ENLISTED	OFFICERS
A. Completely change with style trends	21	10
B. Considerably change with style trends	40	49
C. Only slightly change with style trends	27	30
D. Style trends should not be a factor	12	11

9. If you had a choice, which of the following uniforms would you prefer for summer wear?

	ENLISTED	OFFICERS
A. A permanent pressed Army Cord Uniform	12	21
B. A new easy care coat and matching skirt ensemble	34	30
C. A totally new pants suit uniform	52	44
D. Stay with what we have now	2	5

Use the responses below to answer questions 10-13:

- A. Army uniforms are much poorer
- B. Army uniforms are poorer
- C. Both uniforms are equal
- D. Army uniforms are better
- E. Army uniforms are much better
- F. Don't know

In general, how do the Army women's uniforms compare to:

	ENLISTED						OFFICERS					
	A	B	C	D	E	F	A	B	C	D	E	F
10. Navy women's uniform?	16	25	16	15	2	26	13	35	18	8	4	22
11. Marine Corps women's uniform?	10	17	21	10	10	32	7	15	25	18	7	28
12. Air Force women's uniform?	20	25	21	13	3	18	19	34	18	11	4	14
13. Coast Guard women's uniform?	10	8	15	7	2	58	6	13	13	6	2	60

SECTION II Questions Concerning the Army Green Uniform (See figure 1)

14. To what extent did the desire to wear the Army Green Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	6	5
B. Somewhat	17	10
C. Very little	25	18
D. Not a factor	52	67

15. To what degree does the Army Green Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	19	28
B. Somewhat	41	30
C. Very little	26	22
D. Not at all	14	20

16. How do you rate the reaction of the general public to the Army Green Uniform?

	ENLISTED	OFFICERS
A. Very favorable	8	8
B. Favorable	37	41
C. Indifferent	30	30
D. Unfavorable	8	10
E. Very unfavorable	13	4
F. Don't know	4	7

17. How do you rate your military appearance when dressed in the Army Green Uniform?

	ENLISTED	OFFICERS
A. Poor	8	6
B. Average	31	30
C. Above average	49	41
D. Exceptional	12	23

Use the responses below to answer questions 18-23:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How do you rate the Army Green Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
18. Color?	14	48	18	16	4	27	34	20	12	7
19. Style?	4	43	13	31	9	16	36	13	23	12
20. Fabric?	12	37	31	15	5	8	42	20	20	10
21. Comfort?	5	46	14	18	17	10	31	20	23	16
22. Ease of maintenance?	5	30	12	40	13	9	28	24	25	14
23. Durability (long wear life)?	27	27	28	15	3	21	40	23	12	4

24. What is your overall opinion of the Army Green Uniform?

	ENLISTED	OFFICERS
A. Satisfied with the current uniform	14	24
B. Needs <i>minor</i> changes	58	44
C. Needs <i>major</i> changes	28	32

25. In your opinion, the Army Green Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	9	19
B. Coat style	41	43
C. Skirt design	17	18
D. Blouse style	17	11
E. Headgear style	16	9

26. Which of the following colors would you prefer to replace the current color of the Army Green Uniform?

	ENLISTED	OFFICERS
A. I prefer not to change the color	28	48
B. Brown	11	6
C. Gray	3	3
D. Tan	4	4
E. Blue	26	14
F. Another green	28	25

27. If a change in the Army Green Uniform fabric was made, would you prefer a solid color (e.g., current Army Green Uniform fabric) or a blend of colors (e.g., plaids, tweeds, patterns, stripes, checks, etc.)

	ENLISTED	OFFICERS
A. I prefer a solid color fabric	80	88
B. I prefer a blend of colors fabric	17	9
C. No opinion	3	3

28. What would your reaction be to a two-tone color scheme to replace the current Green uniform (different color skirt from coat)?

	ENLISTED	OFFICERS
A. Very favorable	21	11
B. Favorable	23	17
C. Doesn't make much difference	14	11
D. Unfavorable	21	29
E. Very unfavorable	21	32

29. In your opinion, could the Army Green Uniform worn with a different blouse and neckwear replace the Army White and Army Blue uniforms?

	ENLISTED	OFFICERS
A. Yes	42	29
B. No	42	65
C. No opinion	16	6

SECTION III Questions Concerning the Army Cord Uniform (See figure 2)

30. To what extent did the desire to wear the Army Cord Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	3	4
B. Somewhat	6	5
C. Very little	16	12
D. Not a factor	75	79

31. To what degree does the Army Cord Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	7	7
B. Somewhat	27	19
C. Very little	26	27
D. Not at all	40	47

32. How do you rate the reaction of the general public to the Army Code Uniform?

	ENLISTED	OFFICERS
A. Very favorable	5	5
B. Favorable	27	19
C. Indifferent	33	34
D. Unfavorable	9	19
E. Very unfavorable	5	13
F. Don't know	21	10

33. How do you rate your military appearance when dressed in the Army Cord Uniform?

	ENLISTED	OFFICERS
A. Poor	25	34
B. Average	43	40
C. Above average	24	18
D. Exceptional	8	8

Use the responses below to answer questions 34-39:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How do you rate the Army Cord Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
34. Color?	15	41	19	11	14	16	33	15	23	13
35. Style?	7	37	16	20	20	7	27	17	27	22
36. Fabric?	5	26	11	24	32	7	17	14	22	40
37. Comfort?	7	26	27	15	25	7	25	13	27	28
38. Ease of maintenance?	4	19	20	20	38	9	17	13	19	42
39. Durability (long wear life)?	7	27	26	21	19	8	28	28	16	20

40. What is your overall opinion of the Army Cord Uniform?

	ENLISTED	OFFICERS
A. Satisfied with current uniform	14	10
B. Needs <i>minor</i> changes	40	23
C. Needs <i>major</i> changes	46	67

41. In your opinion, the Army Cord Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	10	16
B. Coat style	45	60
C. Skirt design	21	17
D. Headgear style	24	7

SECTION IV Questions Concerning the Army White Uniform (See figure 3)

42. To what extent did the desire to wear the Army White Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	5	4
B. Somewhat	15	7
C. Very little	8	11
D. Not a factor	72	78
E. I have never seen an Army White Uniform	—	—

43. To what degree does the Army White Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	28	9
B. Somewhat	12	26
C. Very little	16	15
D. Not at all	44	50
E. I have never seen an Army White Uniform	—	—

44. How do you rate the reaction of the general public to the Army White Uniform?

	ENLISTED	OFFICERS
A. Very favorable	13	13
B. Favorable	9	23
C. Indifferent	6	14
D. Unfavorable	1	2
E. Very unfavorable	2	3
F. I don't know	69	45

NOTE: Answer questions 45-52 only if you own an Army White Uniform. If you do not own the Army White Uniform, go on to Question 53.

45. How do you rate your military appearance when dressed in the Army White Uniform?

	ENLISTED	OFFICERS
A. Poor	14	15
B. Average	41	33
C. Above average	24	31
D. Exceptional	21	21

Use the responses below to answer Questions 46-50:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How would you rate the Army White Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
46. Color?	32	25	25	7	11	32	27	18	13	10
47. Style?	14	41	22	16	7	15	44	14	16	11
48. Fabric?	11	46	28	5	10	15	34	32	7	12
49. Ease of maintenance?	8	41	36	8	7	13	27	30	15	15
50. Durability (long wear life)?	16	47	28	4	5	15	35	27	12	11

51. What is your overall opinion of the Army White Uniform?

	ENLISTED	OFFICERS
A. Satisfied with current uniform	28	30
B. Needs <i>minor</i> changes	46	42
C. Needs <i>major</i> changes	26	28

52. In your opinion, the Army White Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	21	23
B. Coat style	36	38
C. Skirt design	21	20
D. Blouse style	14	8
E. Headgear style	8	11

SECTION V Questions Concerning the Army Blue Uniform (See figure 4)

53. To what extent did the desire to wear the Army Blue Uniform motivate you to join the Army?

	ENLISTED	OFFICERS
A. Very much	4	6
B. Somewhat	14	12
C. Very little	11	10
D. Not a factor	71	72
E. I have never seen an Army Blue Uniform	—	—

54. To what degree does the Army Blue Uniform add to your esprit and morale as a soldier?

	ENLISTED	OFFICERS
A. Very much	24	32
B. Somewhat	20	28
C. Very little	19	18
D. Not at all	37	22
E. I have never seen an Army Blue Uniform	—	—

55. How do you rate the reaction of the general public to the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Very favorable	18	34
B. Favorable	23	40
C. Indifferent	8	11
D. Unfavorable	2	2
E. Very unfavorable	1	2
F. I don't know	48	11

NOTE: Answer Question 56-64 only if you own an Army Blue Uniform. If you do not own the Army Blue Uniform, go on to Question 65.

56. How do you rate your military appearance when dressed in the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Poor	10	5
B. Average	35	19
C. Above average	31	42
D. Exceptional	24	34

Use the responses below to answer Questions 57-62:

A	B	C	D	E
Extremely Satisfactory	Moderately Satisfactory	Neither Satisfactory Nor Unsatisfactory	Moderately Unsatisfactory	Extremely Unsatisfactory

How would you rate the Army Blue Uniform in terms of:

	ENLISTED					OFFICERS				
	A	B	C	D	E	A	B	C	D	E
57. Color?	37	33	22	5	3	57	33	4	3	3
58. Style?	17	43	24	9	7	23	44	16	11	6
59. Fabric?	11	38	31	15	5	21	40	20	12	7
60. Comfort?	17	32	35	7	9	15	35	23	19	8
61. Ease of maintenance?	14	30	29	14	13	13	36	25	18	8
62. Durability (long wear life)?	22	38	30	6	4	31	42	19	5	3

63. What is your overall opinion of the Army Blue Uniform?

	ENLISTED	OFFICERS
A. Satisfied with current uniform	32	42
B. Needs <i>minor</i> changes	49	40
C. Needs <i>major</i> changes	19	18

64. In your opinion, the Army Blue Uniform can best be improved with changes to what part of the uniform?

	ENLISTED	OFFICERS
A. No improvement is needed	25	30
B. Coat style	29	34
C. Skirt design	14	13
D. Blouse style	12	9
E. Headgear style	20	14

65. What is your grade?

	NUMBER
A. O6-O4	48
B. O3-O1	211
C. CW4-W1	15
D. E6-E9	155
E. E1-E5	544

66. What is your age?

	ENLISTED	OFFICERS
	N	N
A. 17-19	76	11
B. 20-25	397	113
C. 26-30	137	92
D. 31-39	63	39
E. 40 or older	24	17

67. What is the total amount of your ACTIVE FEDERAL MILITARY SERVICE (AFMS) completed as of 31 January 1976. (Be sure to include all Federal Service in an active duty status; whether part was commissioned, warrant, or enlisted service. Be sure all tours are counted.)

	ENLISTED N	OFFICERS N
A. Less than 1 year	122	23
B. 1 year but less than 4 years	361	129
C. 4 years but less than 8 years	129	58
D. 8 years but less than 12 years	33	28
E. 12 years or more	40	27

SECTION VI Question Concerning Army Mess Uniforms (See figure 5)

NOTE: The following questions should be answered by officers and warrant officers only. If you are an enlisted woman, do not answer Questions 68-70, go on to Question 71.

The Army Black Mess, White Mess, and All-White Mess Uniforms are dress uniforms and correspond to civilian tuxedo or "Black tie" dress. These uniforms are authorized for wear at:

- Social functions of a general or official nature after retreat.
- Private formal dinners and other private formal social functions after retreat.

68. Do you feel that a formal mess uniform is a necessary part of your uniform wardrobe?

	WARRANTS	OFFICERS
A. Yes, the Black Mess, White Mess, and All-White Mess Uniforms	6	10
B. Yes, both the Black Mess and White Mess Uniforms	31	13
C. Yes, both the Black Mess and All-White Mess Uniforms	7	3
D. Yes, both The White Mess and All-White Mess Uniforms	—	—
E. Yes, only the Black Mess Uniform	—	11
F. Yes, only the White Mess Uniform	—	8
G. Yes, only the All-White Mess Uniform	19	—
H. No	37	55

69. If a change in the number of mess uniforms was made, which of the following changes would you prefer?

	WARRANTS	OFFICERS
A. Elimination of White Mess Uniform	31	3
B. Elimination of Black Mess Uniform	6	6
C. Elimination of All-White Mess Uniform	—	10
D. Elimination of White Mess and All-White Mess Uniforms	19	15
E. Elimination of Black Mess and White Mess Uniforms	31	1
F. Elimination of Black Mess and All-White Mess Uniforms	—	3
G. Elimination of all current mess uniforms in favor of a totally new year round mess uniform	7	40
H. Eliminate all mess uniforms and wear the Army Green Uniform with formal blouse and neckwear	6	22

70. If a change in the fabric of the Army mess uniform was made, would you prefer a solid color or a blend of colors (e.g., plaids, tweeds, patterns, stripes, checks, etc.)?

	WARRANTS	OFFICERS
A. I prefer solid color fabric	38	79
B. I prefer a blend of colors	—	9
C. No opinion	62	12

71. Please mark box "B" on your answer sheet.

Thank you for completing the survey. If you wish to make written comments about how you feel about today's uniforms and the uniforms you would like to wear in the future, use the comments sheet on the back of this questionnaire. Return your comments sheet with your answer sheet to the survey officer.

APPENDIX G

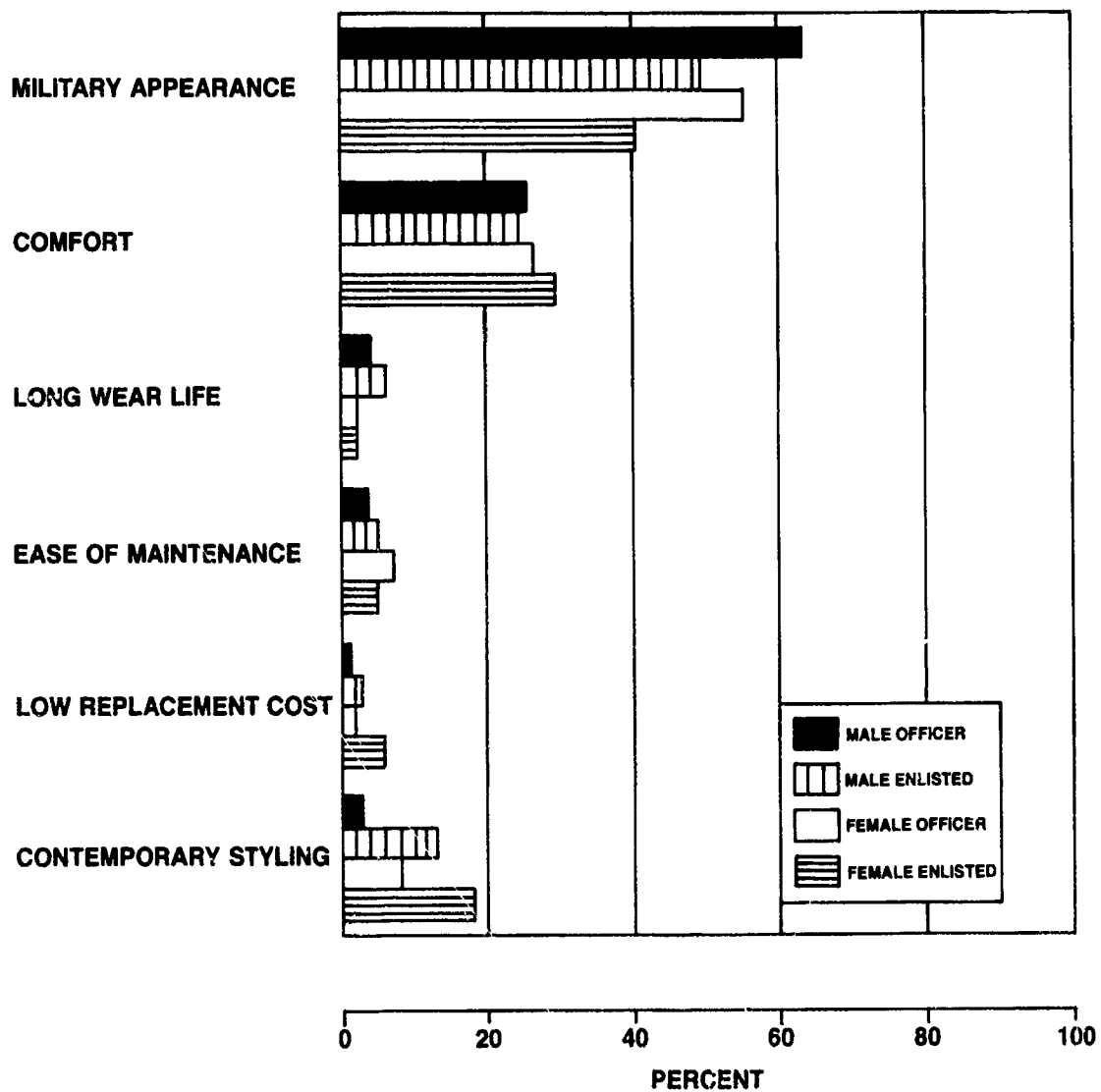


FIGURE G-1 UNIFORMS MOST IMPORTANT FEATURE OVERALL

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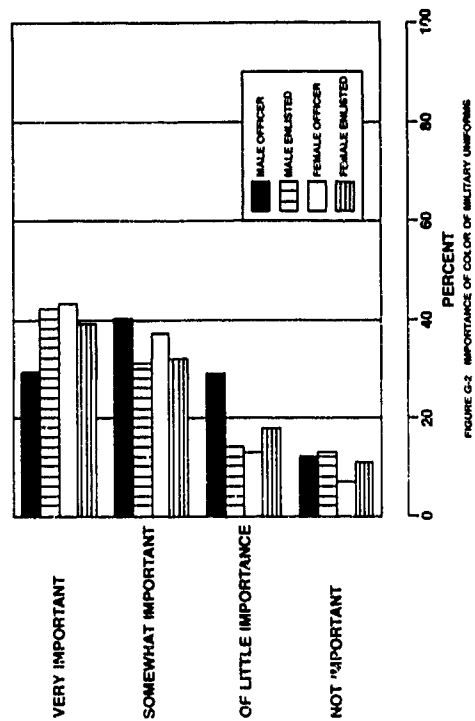


FIGURE G-2 IMPORTANCE OF COLOR OF MILITARY UNIFORMS

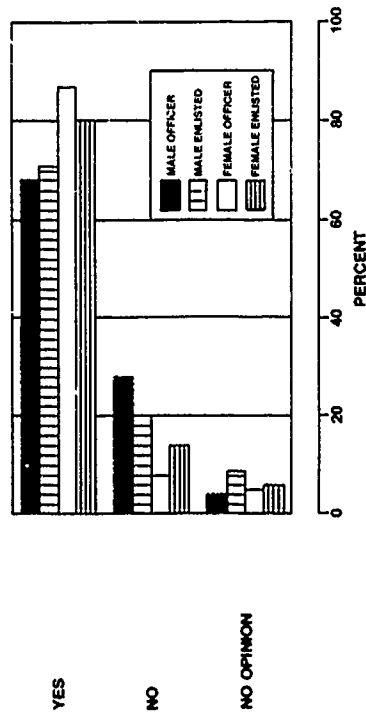


FIGURE G-3 SAME UNIFORM FOR BOTH OFFICER AND ENLISTED

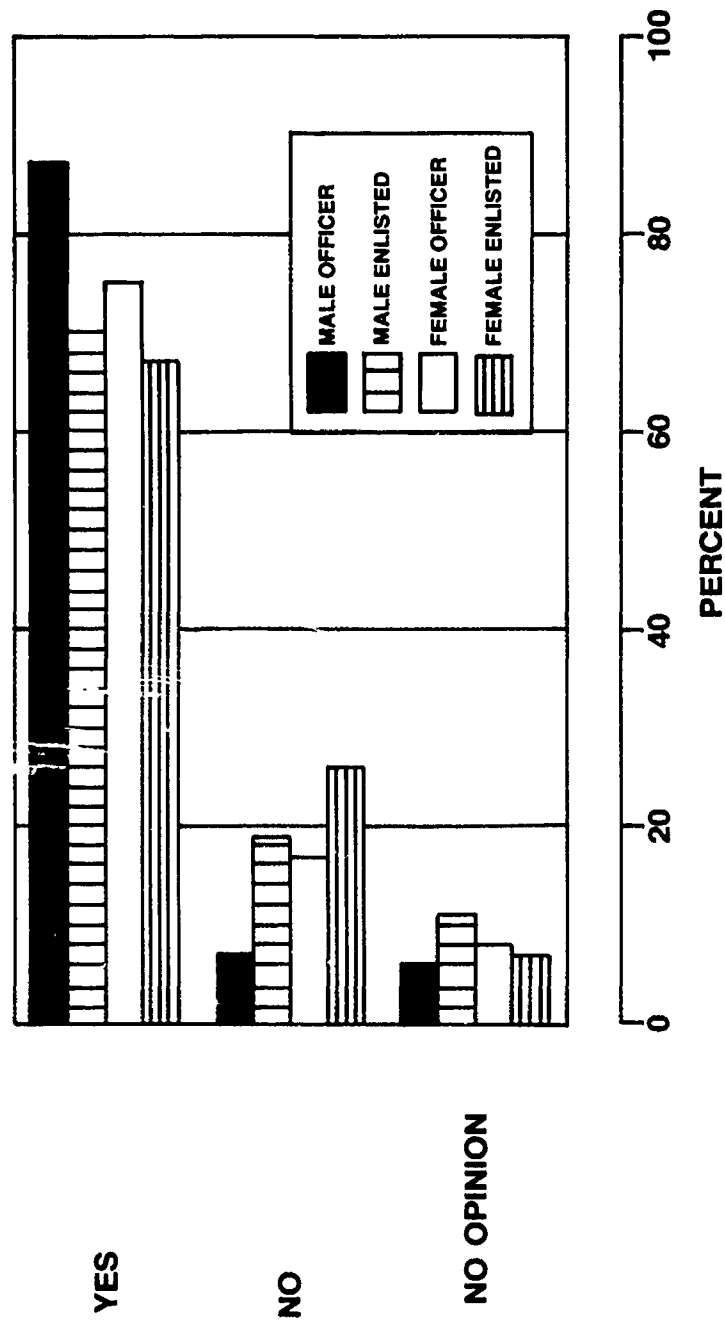


FIGURE G-4 SAME UNIFORM COLORS FOR MEN AND WOMEN

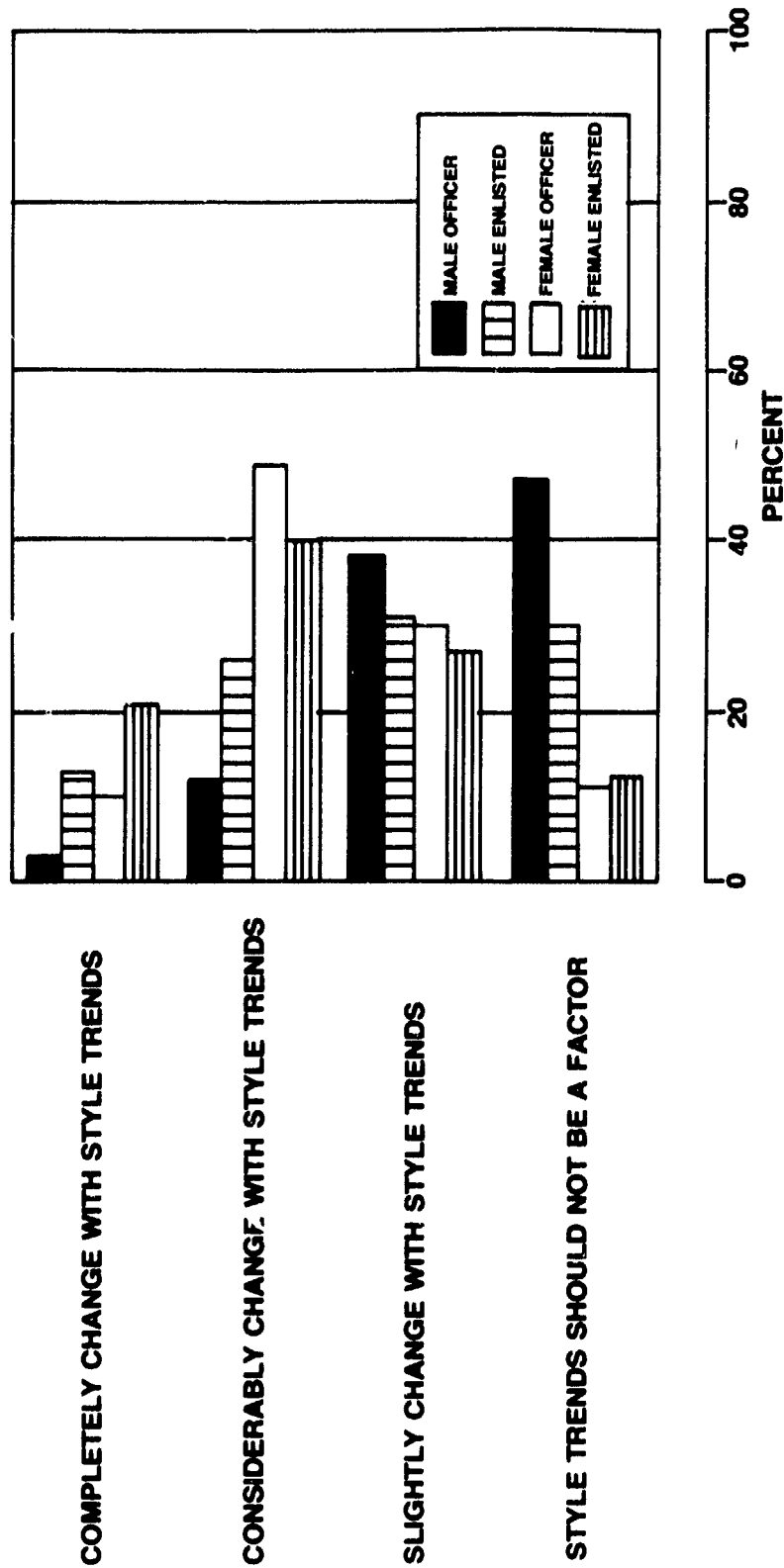


FIGURE G-5 MILITARY UNIFORM STYLES VS. CIVILIAN STYLES

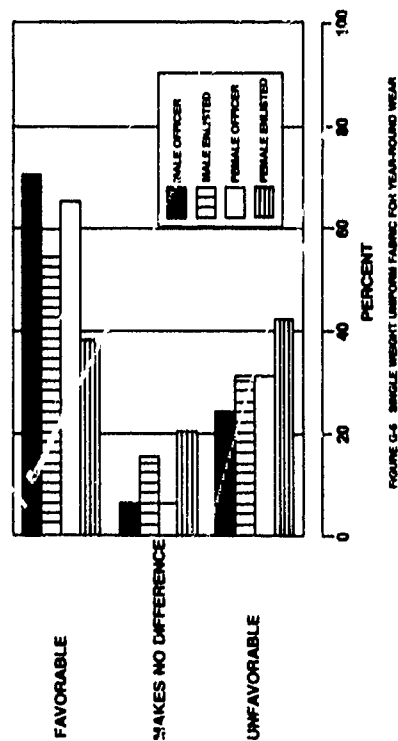


FIGURE G-4 SINGLE WEIGHT UNIFORM FABRIC FOR YEAR-ROUND WEAR

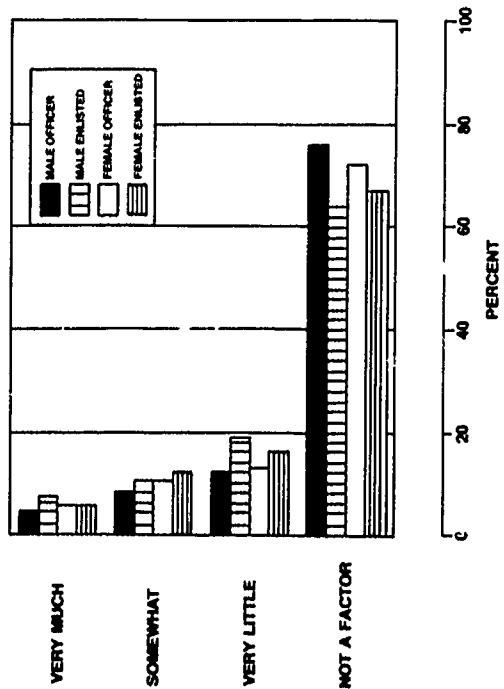


FIGURE G-7 OVERALL EFFECT OF UNIFORMS ON MOTIVATION TO ENLIST

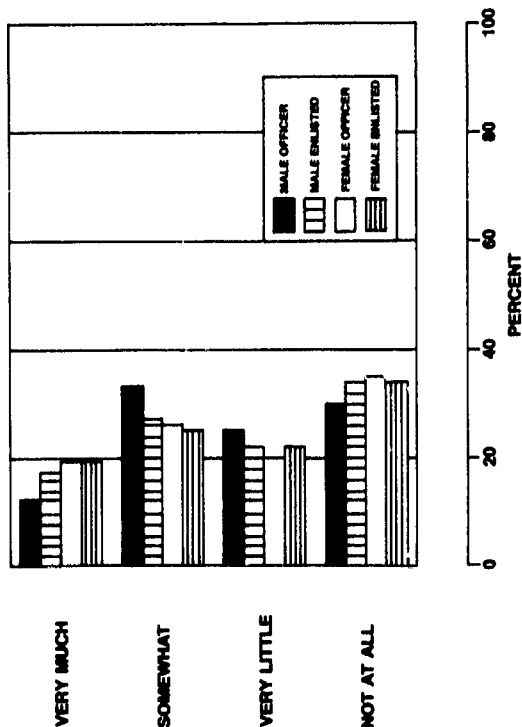


FIGURE G-9 OVERALL EFFECT OF UNIFORMS ON ESPRIT AND MORALE

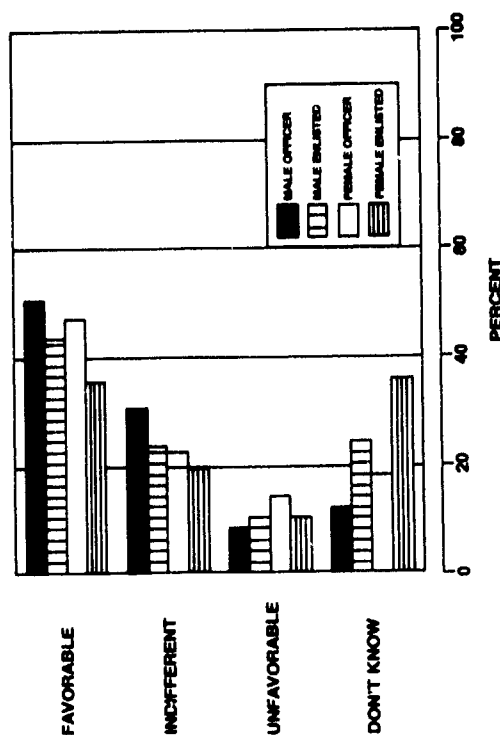


FIGURE G-8 GENERAL REACTION OF PUBLIC TO UNIFORMS OVERALL

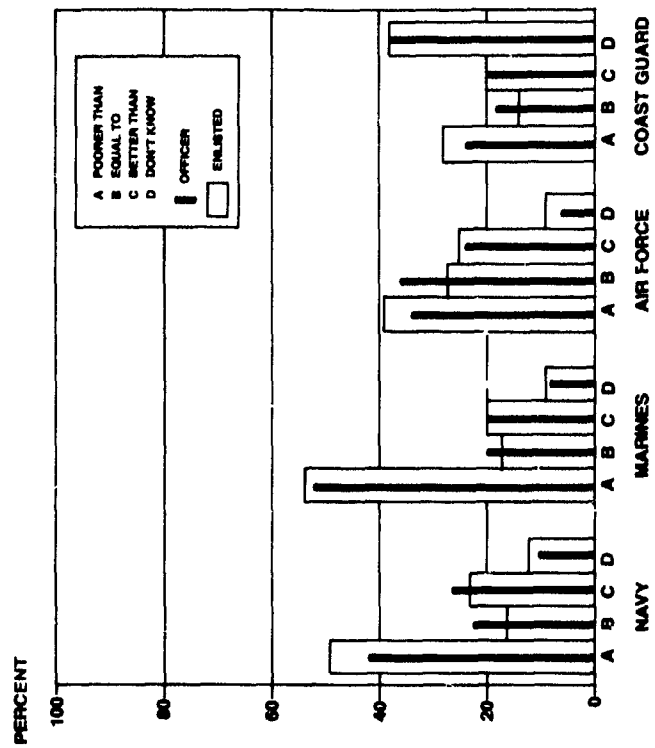


FIGURE G-11 ARMY UNIFORMS COMPARISON — MALE

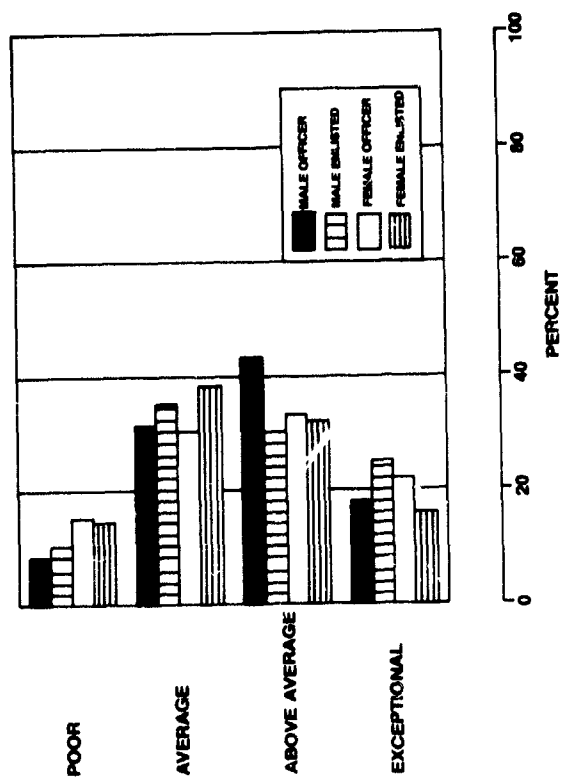
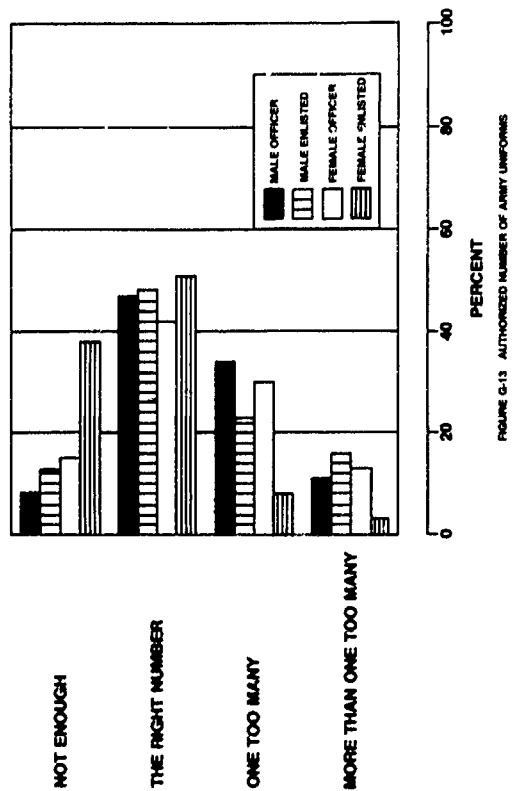
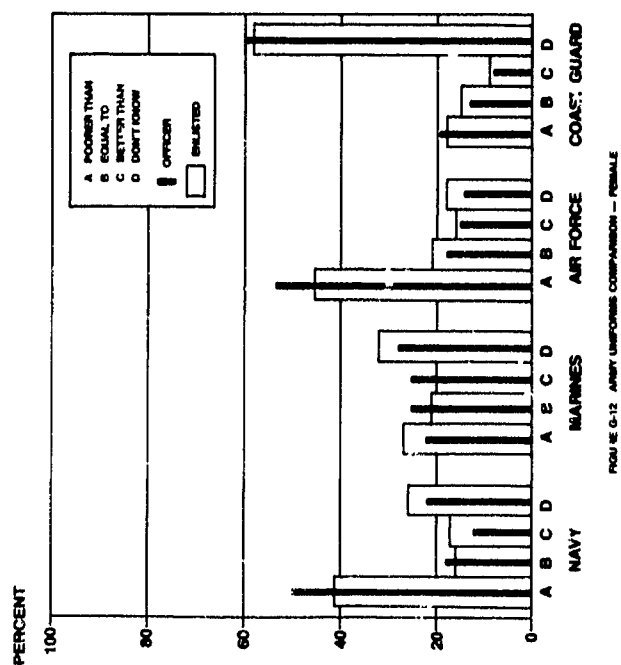


FIGURE G-10 MILITARY APPEARANCE RATING



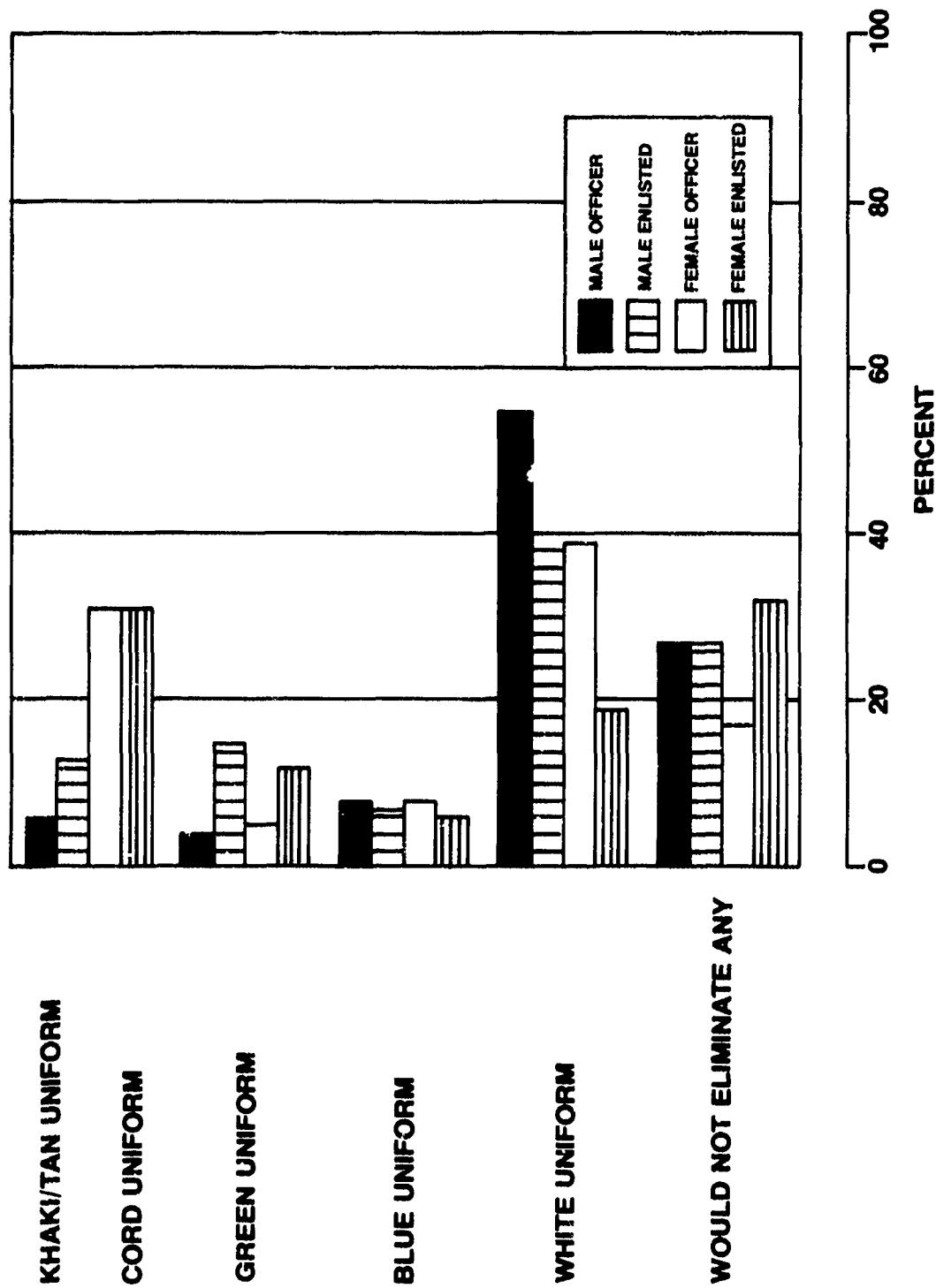


FIGURE G-14 UNIFORM MOST LIKELY TO ELIMINATE

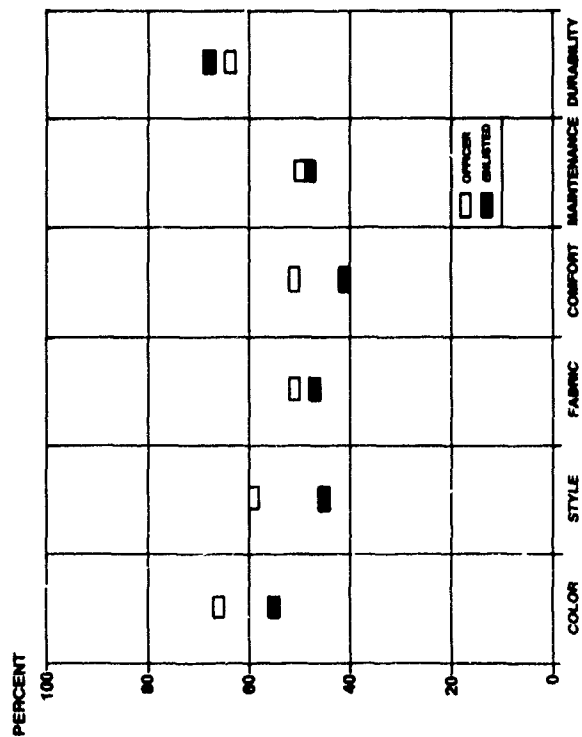


FIGURE G-15 SATISFACTION RATING - GREEN UNIFORM - MALE

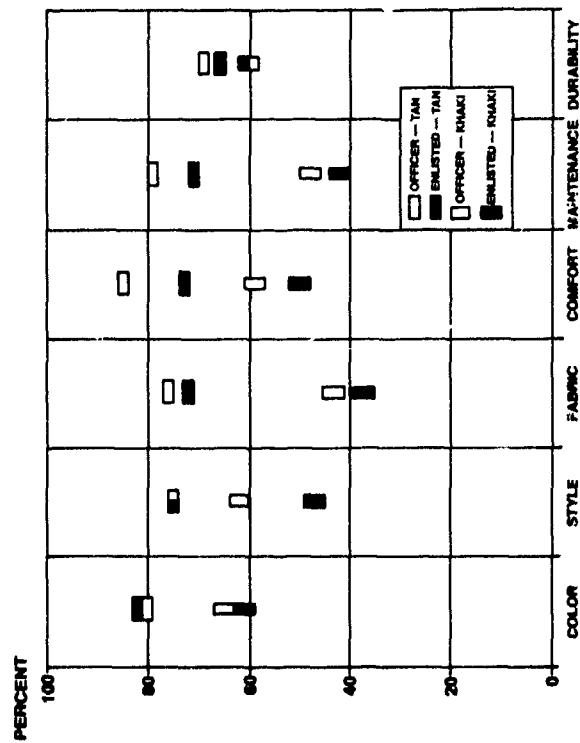


FIGURE G-16 SATISFACTION RATING - KHAKI/TAN UNIFORM

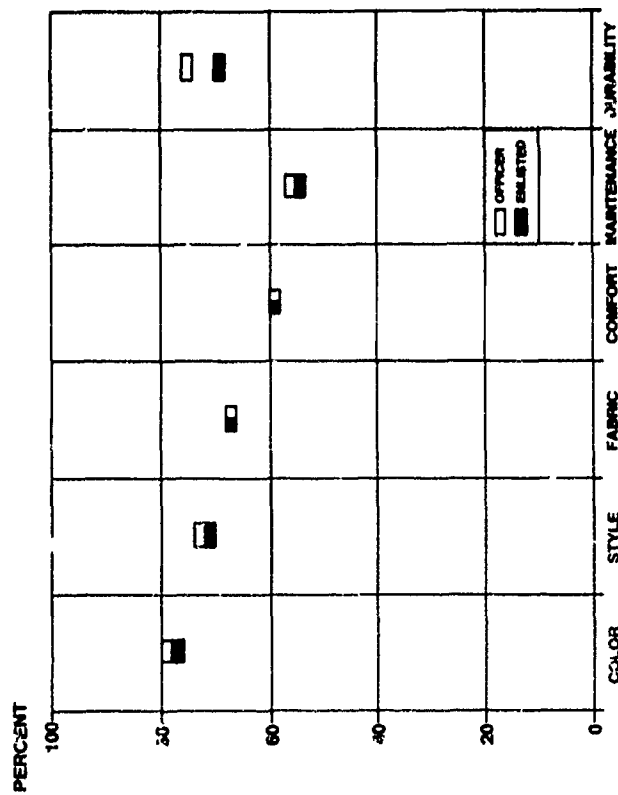


FIGURE 3-17 SATISFACTION RATING -- BLUE UNIFORM -- MALE

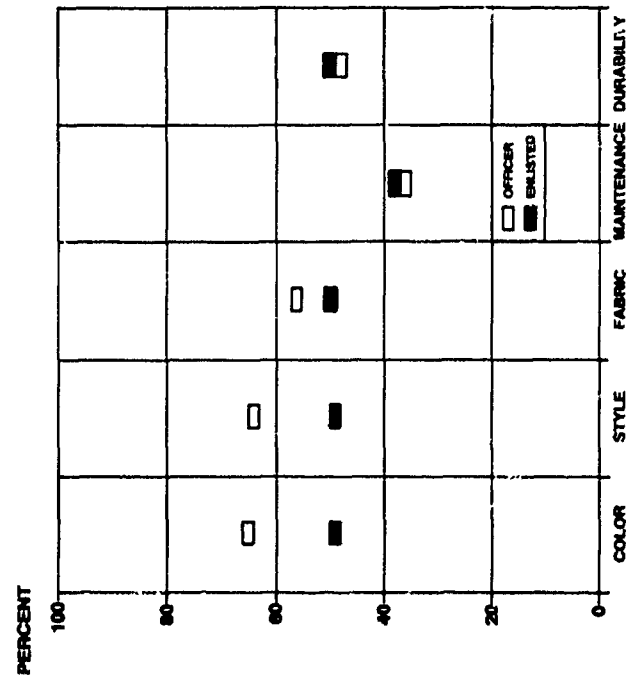


FIGURE 3-18 SATISFACTION RATING -- WHITE UNIFORM -- MALE

PERCENT

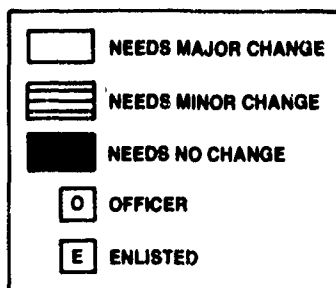
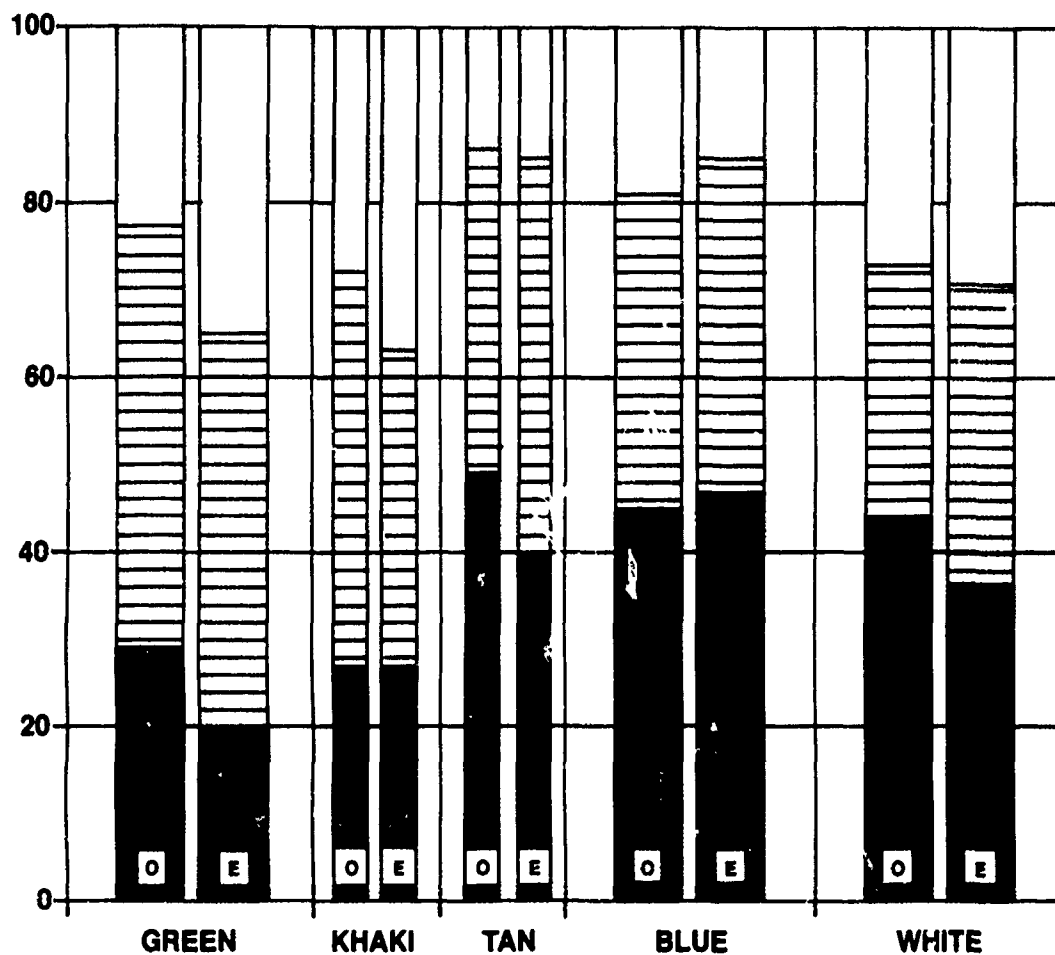


FIGURE G-19 OVERALL RATING OF UNIFORMS — MALE

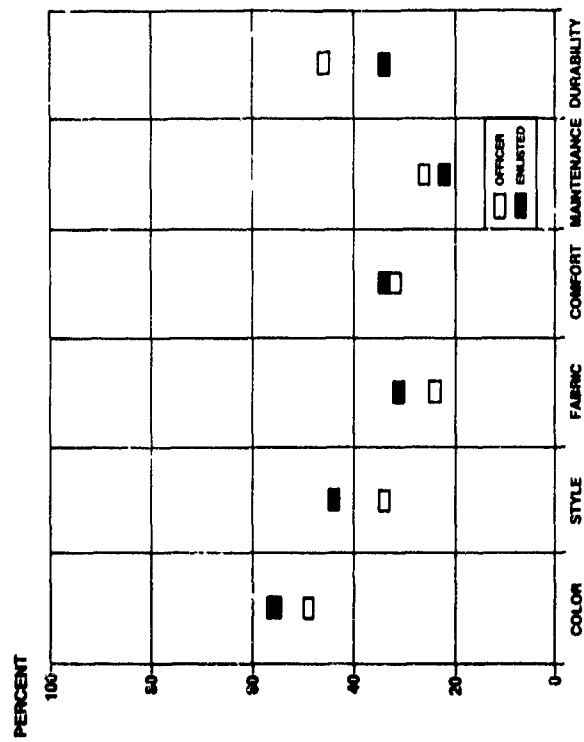


FIGURE G-21 SATISFACTION RATING - CORD UNIFORM

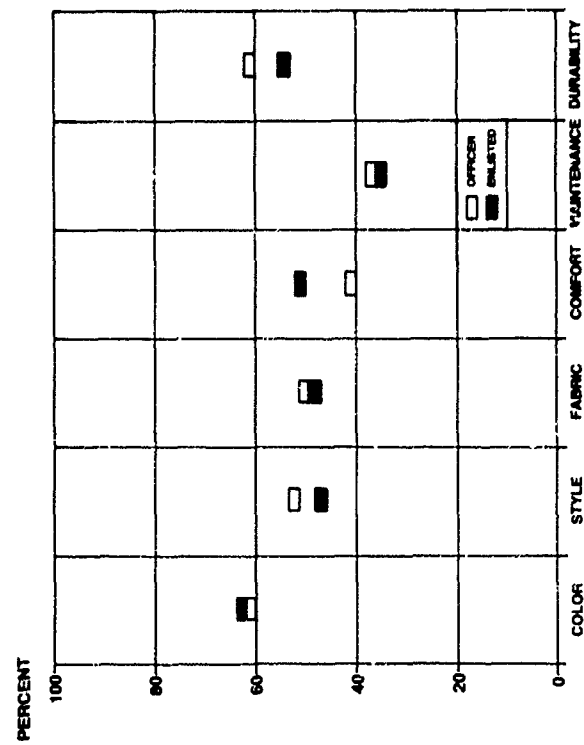


FIGURE G-22 SATISFACTION RATING - GREEN UNIFORM - FEMALE

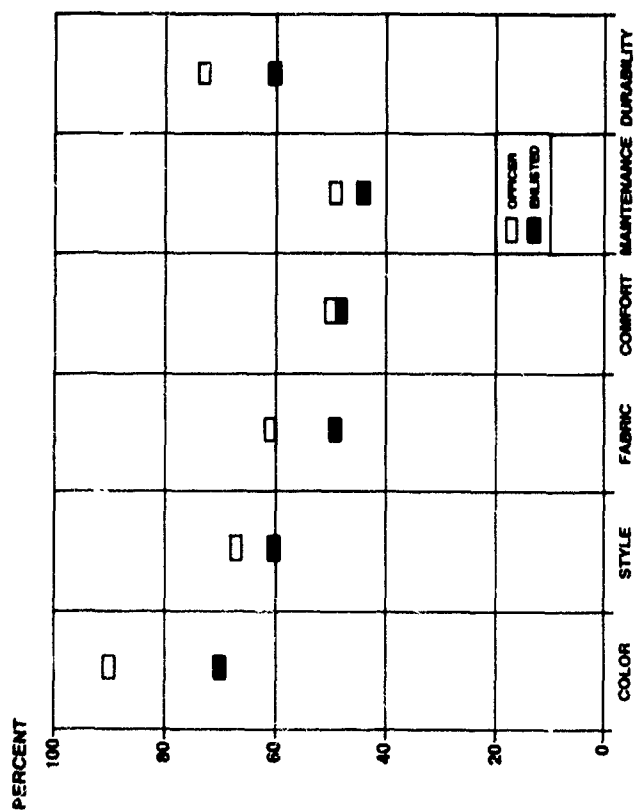


FIGURE G-22 SATISFACTION RATING — BLUE UNIFORM — FEMALE

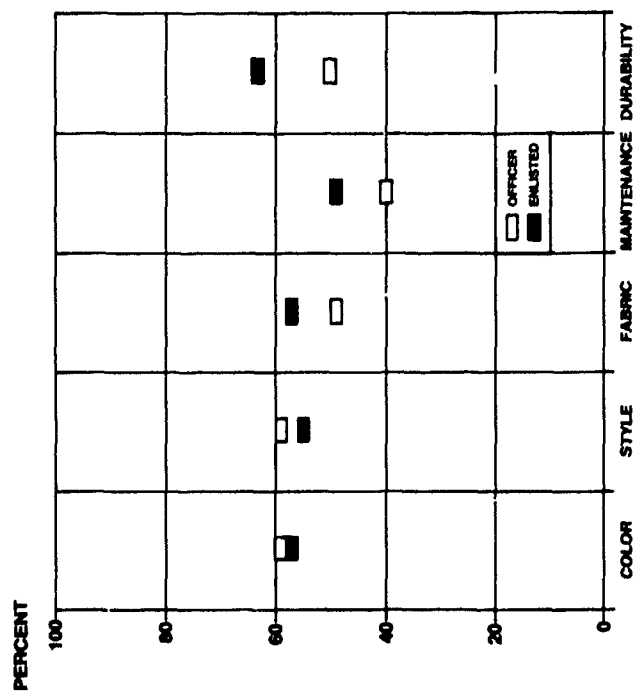


FIGURE G-23 SATISFACTION RATING — WHITE UNIFORM — FEMALE

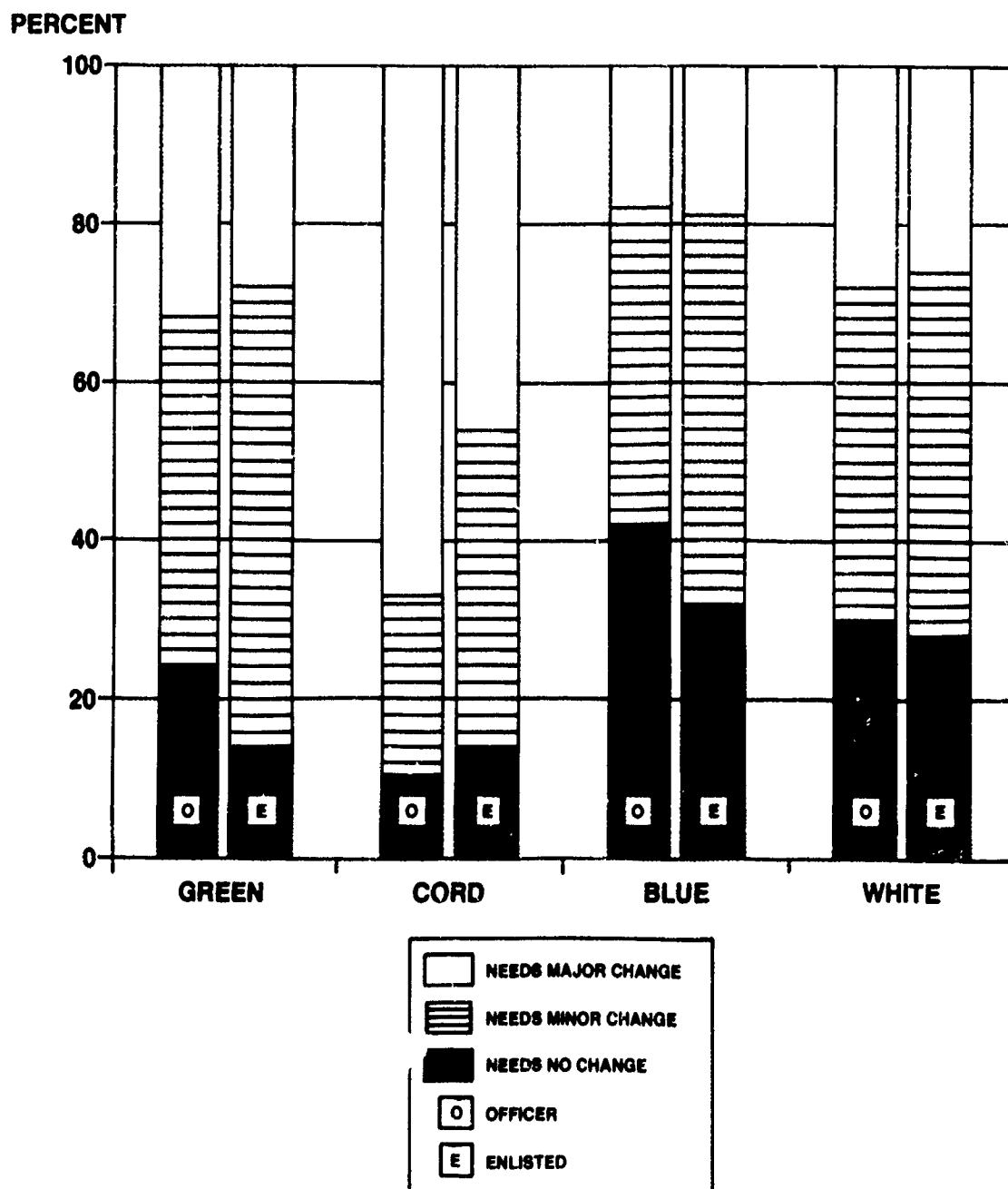


FIGURE G-24 OVERALL RATING OF UNIFORMS — FEMALE

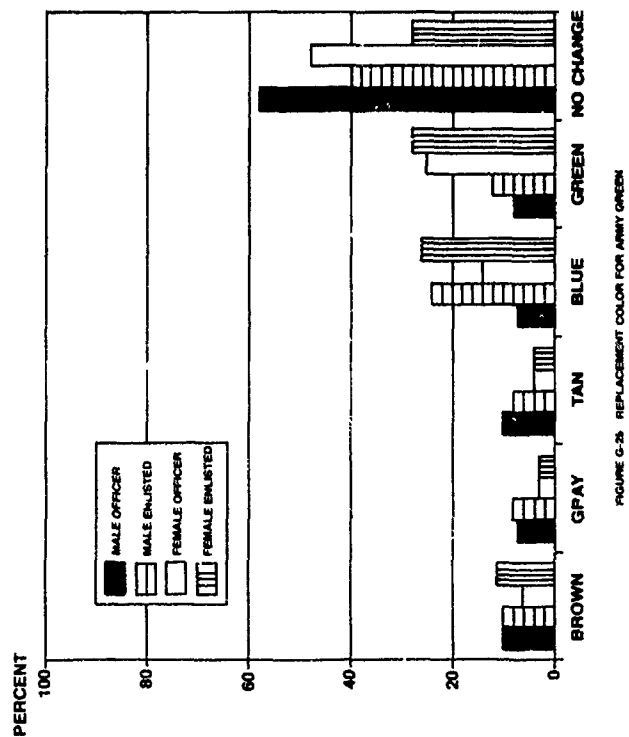


FIGURE G-26 REPLACEMENT COLOR FOR ARMY GREEN

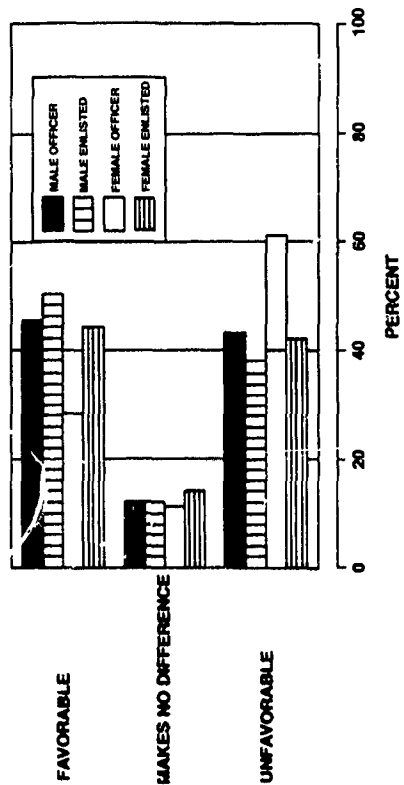


FIGURE G-28 DUOTONE VS. MONOTONE COLOR SYSTEM

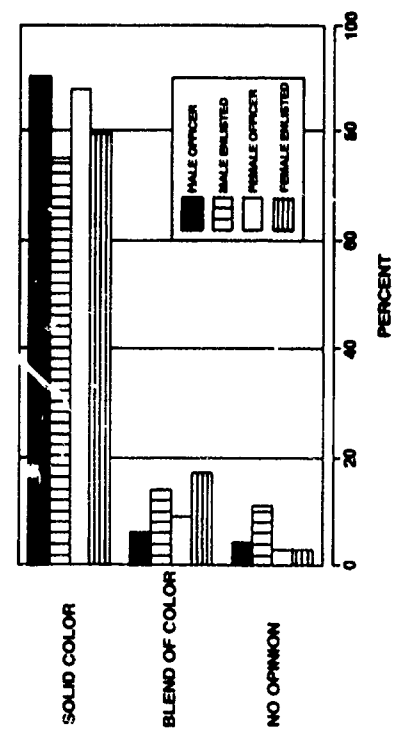


FIGURE G-37 SOLID COLOR VS BLEND OF COLOR

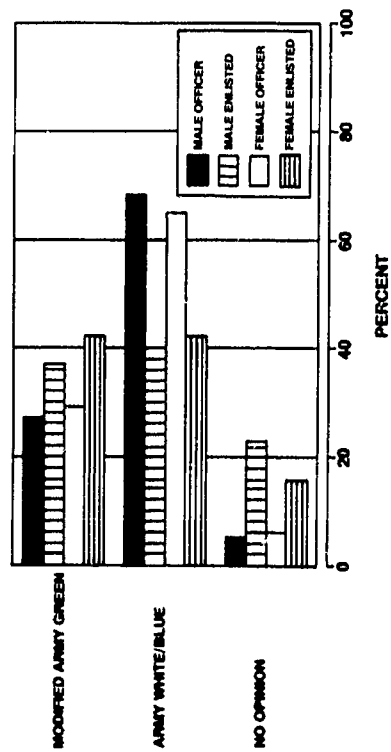
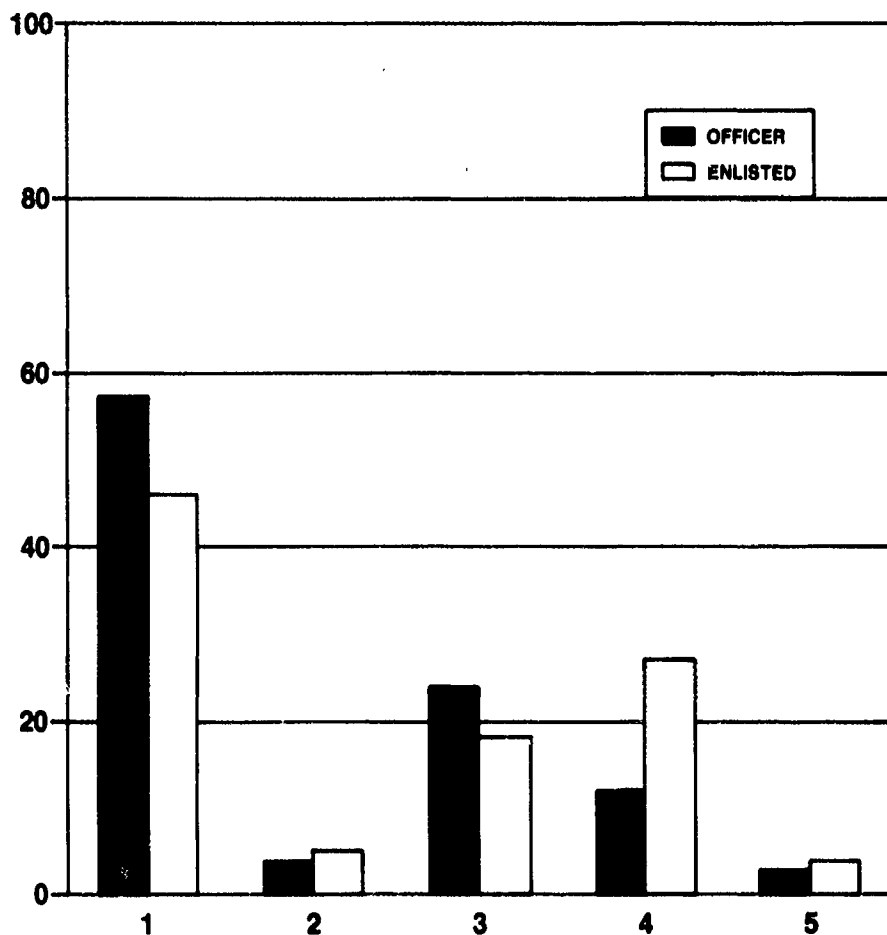


FIGURE G-38 MODIFIED ARMY GREEN VS ARMY WHITE/BLUE UNIFORM

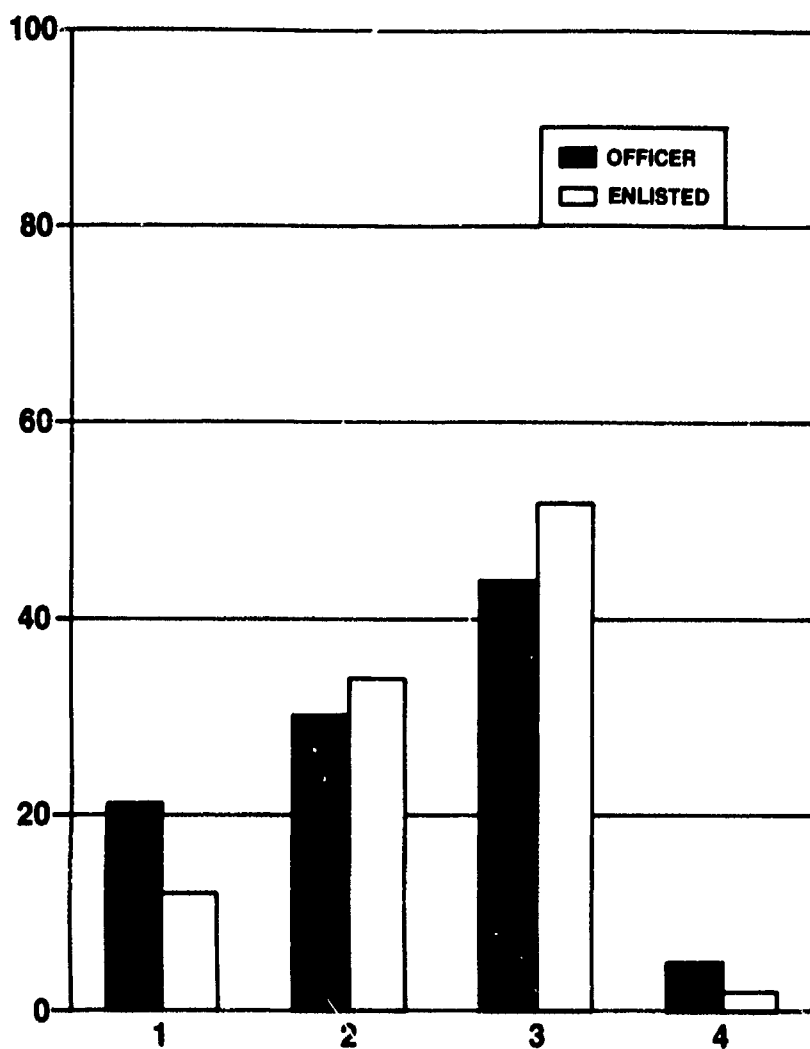
PERCENT



- 1 PERMANENT PRESS KHAKI/TAN UNIFORM
- 2 LONG SLEEVE SHIRT, TIE AND GREEN TROUSERS (W/O GREEN COAT)
- 3 SHORT SLEEVE SHIRT AND GREEN TROUSERS (W/O COAT OR TIE)
- 4 TOTALLY NEW "LEISURE SUIT" UNIFORM
- 5 CURRENT ARMY GREEN SUMMER UNIFORM

FIGURE G-29 SUMMER UNIFORM PREFERENCE — MALE

PERCENT



- 1 IMPROVED DURABLE PRESS CORD UNIFORM**
- 2 EASY CARE COAT AND MATCHING SKIRT ENSEMBLE**
- 3 NEW PANT SUIT UNIFORM CONCEPT**
- 4 STAY WITH CURRENT UNIFORM**

FIGURE G-30 SUMMER UNIFORM PREFERENCE — FEMALE

PERCENT

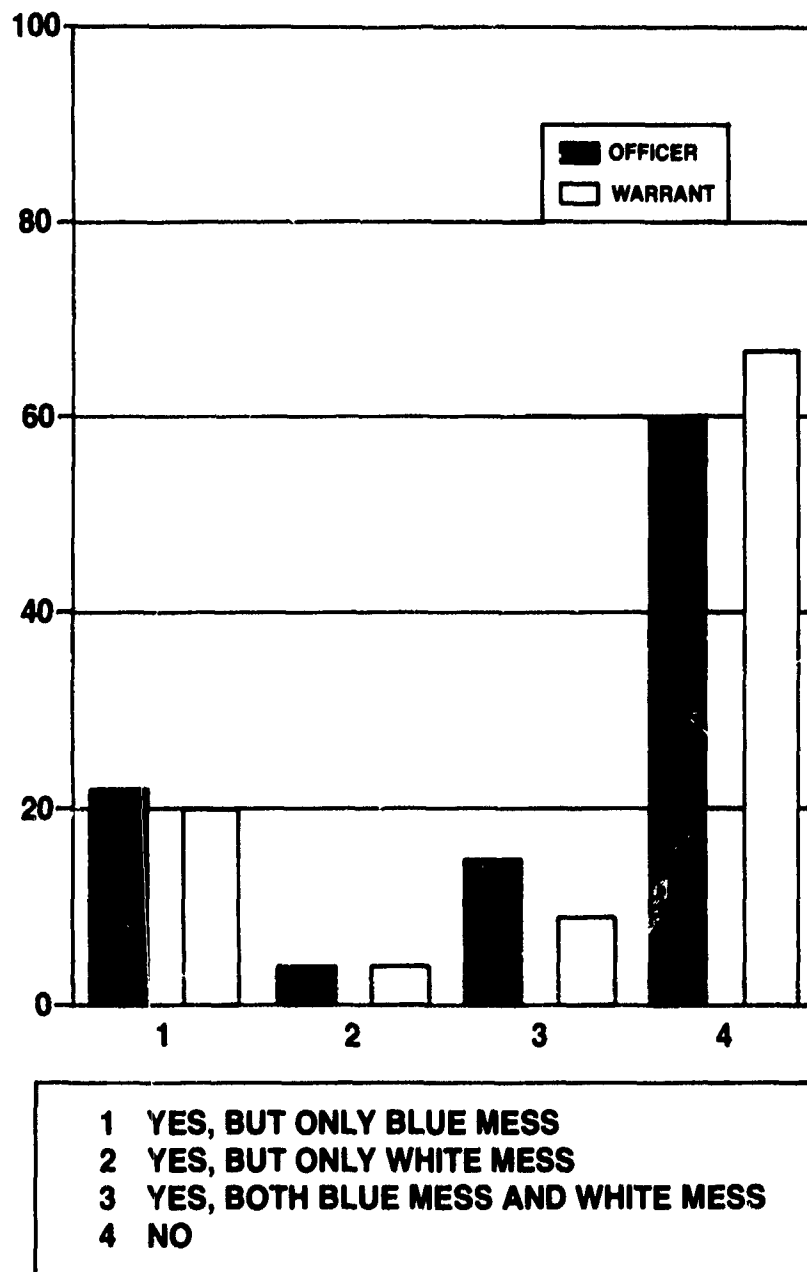
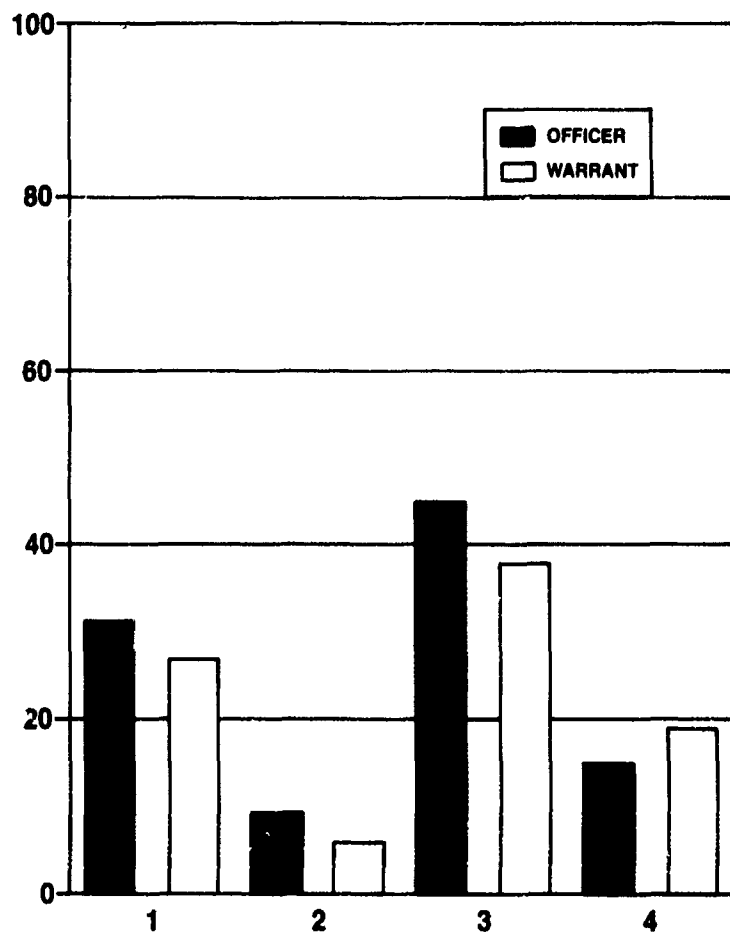


FIGURE G-31 FORMAL MESS UNIFORM NECESSITY — MALE

PERCENT



- 1 WHITE MESS
- 2 BLUE MESS
- 3 BOTH, ADOPT NEW YEAR-ROUND MESS UNIFORM
- 4 BOTH, ADOPT GREEN UNIFORM WITH FORMAL SHIRT AND TIE

FIGURE G-32 MESS UNIFORM MOST LIKELY TO ELIMINATE — MALE

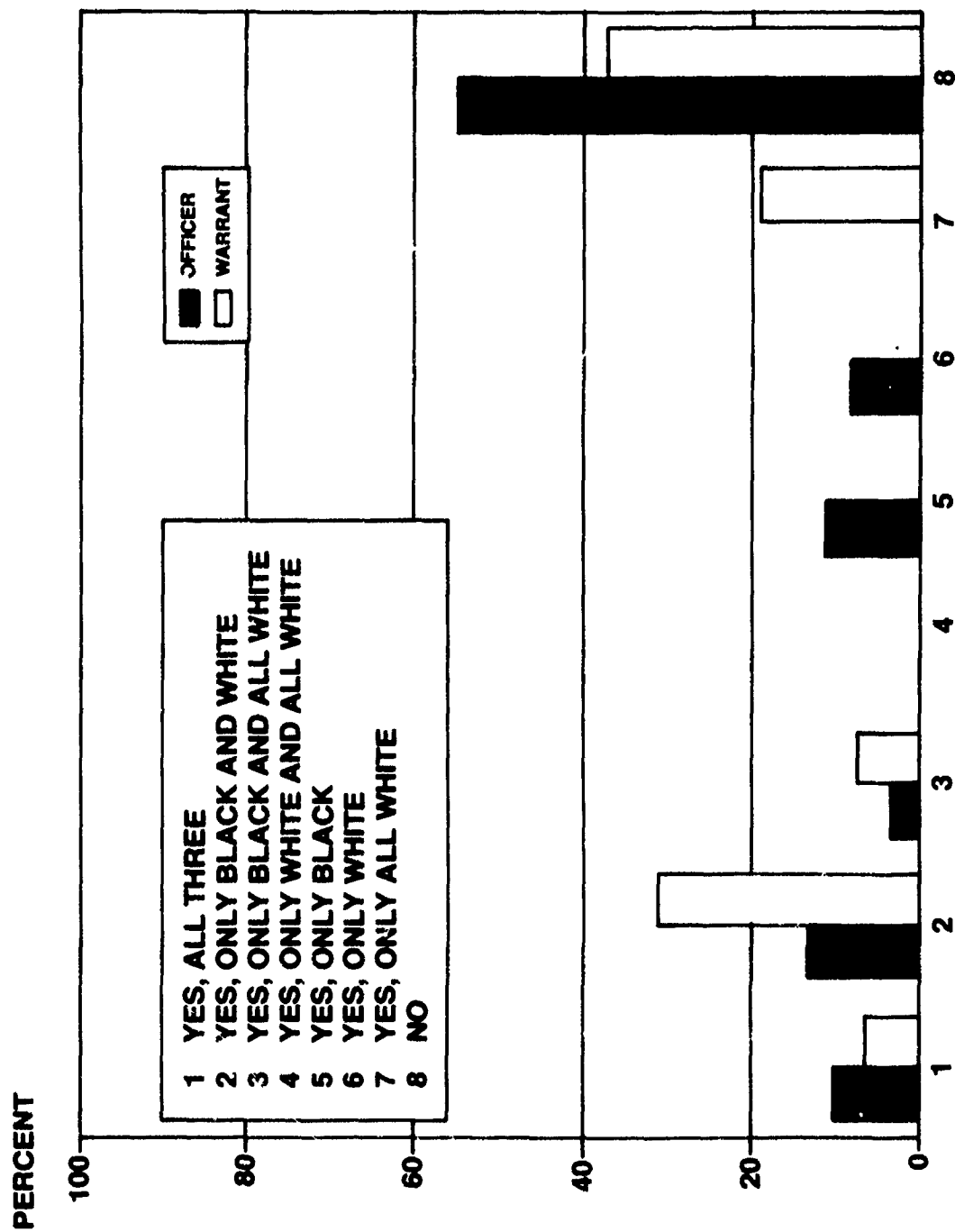


FIGURE G-33 FORMAL MESS UNIFORM NECESSITY --- FEMALE

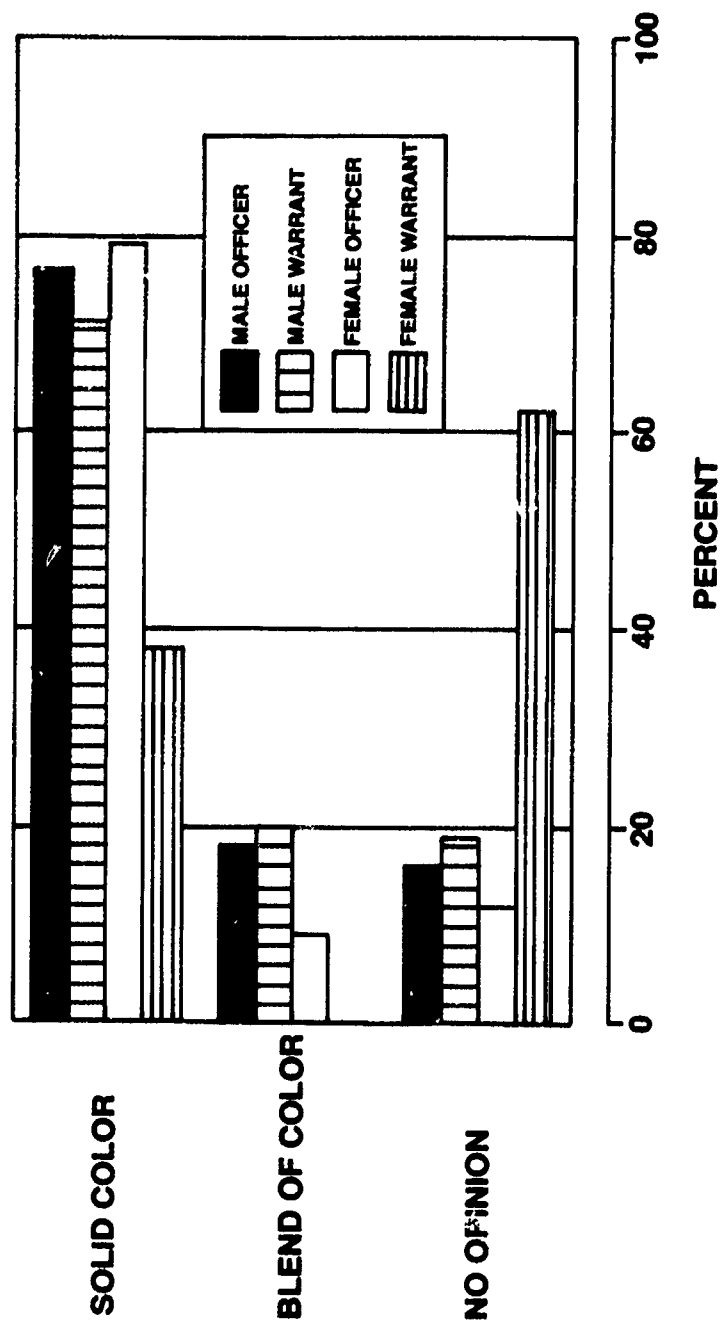


FIGURE G-34 SOLID COLOR VS. BLEND OF COLOR MESS UNIFORM

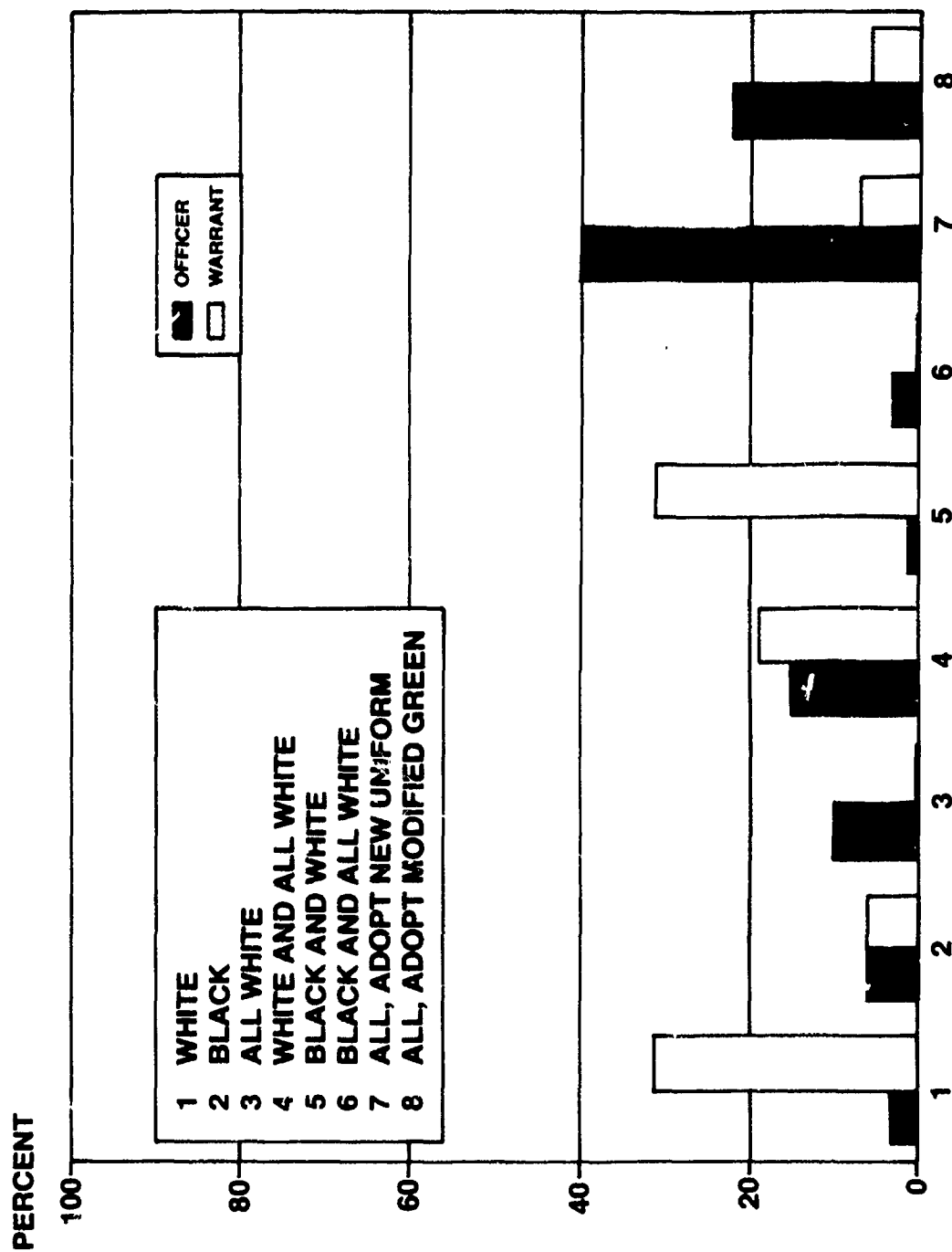


FIGURE G-35 MESS UNIFORM MOST LIKELY TO ELIMINATE — FEMALE

APPENDIX H

MEMORANDUM FOR RECORD

SUBJECT: Minutes of the First Army Dress Uniforms for the 1980's Study Advisory Group Meeting — 19 May 1976

1. The first meeting of the Army Dress Uniforms for the 1980's Study Advisory Group convened 1530 hrs., 19 May 1976, in Room 2E737, Pentagon. A list of the personnel present is attached as Incl. 1.

2. The Chairman, MG Dohleman, opened the meeting by discussing the purpose of the study advisory group (SAG). He stated that the study has been only a small part of the Army Uniform Board meetings, which passed by them in a hurry. The study needs a close look in order to do the best job for the Army. The objective of the SAG is to look at what has been done and the direction being taken, determine on the proper target, and pass this target on to the study agency (NARADCOM).

3. Mr. Cerow provided each SAG attendant with a looseleaf notebook containing study information. He highlighted portions of the Study Directive and the Background (Tabs A and B, respectively of the notebook). Samples of fabric shades used in the Army Green Uniform development and examples of shade control problems in new Army permanent press fabrics were distributed and discussed.

4. Mr. Gardella presented a summary of troop survey results (Tab N of the notebook). He stated that the survey results reflected, for the most part, a 95% confidence level at $\pm 3\%$ range. The survey was responded to by:

- a. 979 Enlisted Men.
- b. 1476 Male Officers.
- c. 699 Enlisted Women.
- d. 274 Female Officers.

5. Mr. Cerow presented design sketches that had been made by clothing designers (Tabs R, S, and T of the notebook).

6. The discussion during and following the presentations resulted in the following guidance from the SAG:

a. Change should not be made unless there is a definite need for change indicated by troop surveys or future industry capabilities.

- (1) No change should be made in the Men's Army Green Uniform coat style or color.
- (2) No change should be made that would result in a less military appearance.

b. Budget considerations are a factor. Future cost to the soldier and the Army must be considered.

c. In each of the three following categories, a single year-round uniform should be developed for men and for women:

- (1) Service Uniform
- (2) Dress Uniform
- (3) Mess Uniform

d. The above uniforms should:

- (1) Maintain traditions when feasible.
- (2) Make men and women look like soldiers of one Army, but retain the femininity of the women.

(3) Allow multiple use of certain items; for example, a single type shirt for wear as an outer garment and under the blouse with the service uniform; a single type of trousers with both the men's dress and mess uniforms.

(4) Have officer and enlisted uniforms for each of the three categories.

(5) Consider modifying branch of service indicators of the uniform in view of branch colored material and tailoring availability problems

e. The study agency should develop concepts, with sketches, and present them to the SAG at the next meeting.

f. The results of the SAG should be presented to the 9 June 1976 Army Uniform Board meeting to obtain confirmation on the direction being taken

6. The meeting adjourned at 1700 hrs.

1 Incl
as

FIRST MEETING
OF THE
ARMY DRESS UNIFORM OF THE 1980'S STUDY
STUDY ADVISORY GROUP
(ADU 1980 SAG)

CHAIRMAN — MG Dohleman
Director, Human Resources Development
DCSPER, HQDA

MEMBER — MG McClellan
DCSPER, TRADOC

MEMBER — MG Griffith
Director, Research, Development,
Test and Evaluation Directorate
DARCOM

ADVISOR — Director, Women's Army Corps
Represented by MAJ Newell, ODWAC

COORDINATOR — MAJ Sarratt
Secretary, Army Uniform Board

BRIEFERS — Members of Natick Research and Development Command
Mr. John Hansen — Director of Clothing and Equipment, and Materials Engineering Laboratory
Mr. Don Cerow — Chief, Army Uniform Branch
Ms. Martha Brown — Uniform Designer and Head of Women's Group
Mr. Joe Gardella — Textile Technologist

MEMORANDUM FOR RECORD

SUBJECT Minutes of the Second Army Dress Uniforms for the 1980's Study Advisory Group Meeting — 22 Nov 1976

1 The second meeting of the Army Dress Uniforms for the 1980's Study Advisory Group convened 0900 hrs, 22 Nov 1976, in Room 2D731, Pentagon. A list of the personnel present is attached as Incl 1.

2 DISCUSSION — MG Dohleman opened the meeting with an expression of appreciation to those who joined him to wrap up the Army Dress Uniform Study

a MAJ Sarraff reviewed the guidance that the Study Advisory Group (SAG) developed during its first meeting on 19 May 76. He added that the guidance had been reviewed by the Army Uniform Board on 9 Jun 76 and by the CSA on 20 Jul 76

b MG Dohleman emphasized the need to retain the femininity of women and the CSA's thoughts in this area. Discussion followed on the subject of popularity of the new pantsuit and pressure from the women in the Army for the slacks type items

c Mr. Cerow briefed on the following uniforms:

(1) Service

(a) One coat for women for wear with skirt or slacks

(b) Green shirt with skirt or slacks for summer wear

(c) No black braid on women officers slacks

(d) A wash and wear Army Green trousers/slacks could be made for wear during the summer season

(2) Dress

(a) Reviewed Ogden prints and historical aspects

1 Blue uniform formerly a fighting uniform.

2 General officers and general staff wore dark blue trousers

3 Precedence exists for dark blue trousers with Blue uniform.

(b) Proposed trousers of dark blue to coincide with women's dress uniform concepts and to consolidate on one fabric

(3) Mess.

(a) Reviewed historical perspective.

(b) Skirts now black -- proposed dark blue

(c) Use smaller trefoil for women and the same shoulder knots as for men.

(d) Discussed alternatives to branch colored lapel facings

(e) Proposed discontinuing capes for Blue Dress/Mess Uniforms due to lack of availability and limited use

(4) Summary of recommendations and costs were discussed

d The discussions during and following the presentation resulted in the following guidance from the SAG.

(1) Service Uniforms

(a) Pantsuit was adopted without braid on slacks. Change to the adopted garment would be an Army Uniform Board item

(b) The report should highlight problems associated with wash and wear trousers/slacks being worn with dry clean only coat/jacket

(c) Use standard existing designs of other services when feasible (ref. women's overblouse)

(2) Dress Uniforms

(a) Color concepts stated for coats, trousers, slacks and skirts represent proper direction

(b) White dress uniforms for men and women should be eliminated

(c) Delete branch color from hat and replace with gold

(3) Mess Uniforms

(a) Long wearout periods should be provided in any changeover to a new uniform

(b) For enlisted personnel and female officers (O1 O6) use a trefoil on the sleeves of the mess uniforms with metal insignia of grade in the center of the trefoil. Trefoil sizes may be different between male and female or commissioned officer and enlisted

- (c) Use shoulder knots for all officers. No shoulder knots for enlisted.
 - (d) For all personnel other than general officers, use sleeve braid with branch colors as currently used on the men's blue mess uniform to indicate branch of all mess uniforms. For CSMS, branch color would be replaced with a solid gold braid.
 - (e) A hat would not be worn by women with the mess uniforms.
 - (f) Consider maintaining an optional white jacket for mess uniforms.
 - (g) Deletion of the cape is considered reasonable in view of low demand, high cost, and adoption of black raincoat.
 - (4) Report.
 - (a) Compare current vs proposed clothing issue/requirements for enlisted and officers, male and female. Consider the white mess jacket as optional for officers and both dress and mess uniforms as optional for enlisted.
 - (b) Identify reason for proposed changes. The rationale and justification is important.
 - (c) Emphasize historical aspect, maintenance of tradition, and conservative approach to style changes and fads.
 - (d) Include full results of troop survey.
 - (e) Include an executive summary which is preferably two pages in length (not to exceed four pages). This summary should cover important considerations, issues, and recommendations.
 - (f) Insure high quality reproduction of color design sketches.
 - (g) Publish report by 31 Jan 77. Provide sufficient copies to distribute to division/installation level for full Army wide review.
 - (5) Plan of Action.
 - (a) DCSPER prepare information plan in conjunction with Chief, Public Affairs NLT 31 Jan 77.
 - (b) DARCOM distribute copies IAW DCSPER furnished list NLT 1 Feb. 77.
 - (c) Replies due from MACOMs and DA staff agencies NLT 31 Mar 77 to DARCOM.
 - (d) DARCOM analyze MACOM/Staff comments and recommend necessary revisions to study report NLT 1 May 77.
 - (e) DARCOM brief study report and proposed development plans to Army Uniform Board 1 Jun 77.
 - e. MG Dohleman requested ALCON insure that no premature leaks occur prior to the full publication of the report IAW information plan.
 - f. MG Dohleman stated that he felt much more comfortable with the study progress and anticipated report as a result of the participation of the members of the SAG and the briefings by DARCOM and NARAD COM. The product should provide decision makers with a road map for the 1980's that "pulls it all together."
3. The FOUO protective marking is canceled upon occurrence of event specified in paragraph 2d(5)(b) (publication of Study Report).

1 Incl
as

SECOND MEETING
OF THE
ARMY DRESS UNIFORMS OF THE 1980'S
STUDY ADVISORY GROUP
(ADU 1980 SAG)

CHAIRMAN — MG Dohleman
Director Human Resources Development
DCSPER, HQDA

MEMBER — MG McClellan
DCSPER, TRADOC

MEMBER — MG Griffith
Director, Development and Engineering
DARCOM

MEMBER — BG Clarke
Director, Women's Army Corps
DCSPER, HQDA

MEMBER — SMA Bainbridge

COORDINATOR — MAJ Sarratt
Secretary, Army Uniform Board

BRIEFERS — Mr Cerow
Chief, Army Uniform Division
NARADCOM

OTHER ATTENDEES — COL Lester
Cdr, NARADCOM
LTC Grassi
Ind Sol/Tng Dev Staff Officer
Dev & Eng Dir, DARCOM
Mr. Hansen
Director, C, E, & ME Laboratory
NARADCOM
Ms Martha Brown
Uniform Designer and Head of Women's Group
NARADCOM