

INCH-POUND

A-A-55206
May 21, 1993

COMMERCIAL ITEM DESCRIPTION

HELMET, CRASH; MOTORCYCLIST

The General Services Administration has authorized the use of this Commercial Item Description.

Abstract. This document covers one type of fiberglass helmet for wear by Department of Defense personnel while operating military motorcycles.

Salient characteristics. The helmets shall be open front style with interior ear and neck roll pads, removable snap-on plastic face shield and snap-on quick release chin strap. The helmets shall be provided in sizes small, medium and large and painted either olive green shade No. 24097 or desert tan shade No. 20260 of FED-STD 595 as required. Helmets required to meet or exceed safety requirements NIJ0104.02 (riot), NIJ0105.01 (crash), Snell '85, ANSI-Z90.1, DOT FMVSS218.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FSSD, 2800 South 20th Street, Philadelphia, PA 19101-8419, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8415

DISTRIBUTION STATEMENT A.
distribution is unlimited.

Approved for public release;

A-A-55206

Material. The shell of the helmet shall be fabricated from fiberglass, thermoset fiber risen to meet the above safety regulations for these type helmets. The ear and neck roll pads shall be made from compressed rubber or similar-type material with energy-absorbing characteristics which provide required comfort and safety. The full faceshield shall be clear non-marking and scratch and shatter resistant, fabricated from suitable plastic material and provided with a minimum of three male snap fasteners for attaching to a like number of female fasteners on the helmet. The chin strap shall be attached to the helmet with snap fasteners and provided with a snap fastener adjustment.

Label/markings. A commercial label containing the contractors name, contract number, size and national stock number shall be attached to the inside of the helmet with an adhesive label or a tie cord may be used. A gummed label shall be inserted inside the helmet certifying that it meets or exceeds the safety regulations stated above.

Workmanship. After completion, the finished helmet shall be thoroughly cleaned, and have no sharp edges or burrs, and shall be free from any other defects which detract from their appearance or which may impair their serviceability.

Product Demonstration Model. When required, offerers shall submit samples of their intended production. The Product Demonstration Model will consist of units independently developed. Product Demonstration Models will be analyzed and evaluated by the government. Evaluation criteria and basis for award are contained in the solicitation. Product Demonstration Models will be retained by the government. One (1) Product Demonstration Model approved by DPSC under the resultant contract will serve as a manufacturing standard for the corresponding production items delivered under this contract. Offerers are advised that the Product Demonstration Model does not relieve the successful offerer of his responsibility to perform in accordance with the Commercial Item Description specified above.

Regulatory Requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Quality Assurance

Certification. The contractor shall certify that the product offered meets the salient characteristics and all other requirements of this description and that the product conforms to the producer's own drawings, specifications, standards and quality assurance practices. The government reserves the right to require proof of such conformance prior to the first delivery and

A-A-55206

thereafter as may be otherwise provided for, under the provisions of the contract. Reliance on contractor QA systems shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the government for acceptance comply with all requirements of the contract.

Examination. Lots of helmets shall be inspected in accordance with "Sampling Procedures and Tables for Inspection by Attributes", ANSI/ASQC Z1.4, published by the American Society for Quality Control.

Visual Examination. The inspection level for visual examination shall be level II and the AQL shall be 2.5. The sample unit is one helmet.

Defects. Helmets shall be examined for the following defects: Shell scratched, rough or abraded area; any component missing; color not in accordance with requirement; chinstrap cut, holes, spots or stains clearly noticeable, not quick release; face shield does not attach securely to helmet, scratched or abraded - not clear.

Packaging Examination. The fully packaged shipping containers shall be examined in accordance with defects listed below. The lot size shall be expressed in units of shipping containers. The sample unit shall be one shipping container fully packaged. The inspection level shall be S-2 and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 2.5.

EXAMINE

DEFECTS

Marking
(exterior and interior)

Omitted: incorrect; illegible;
of improper size, location or
method of application.

Materials

Any component missing, damaged,
or not as specified

Workmanship

Inadequate application of
components, such as: incomplete
closure of container flaps,
loose strapping, improper
taping, or inadequate stapling.

Content

Number of items per container is
more or less than required.
NSN shown on one or more items not
as specified on shipping container.

Palletization

Length, width, or height exceeds
specified maximum requirements
Pallet type not as specified
Load not bonded as specified

A-A-55206

Preservation, Packing, and Marking. The preservation, packing, and marking shall be as specified in the contract or order.

Source of Government Documents. Copies of Military and Federal documents are available from:

Standardization Documents Order Desk
Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

Department of Transportation (DOT)
Chief, Crash Avoidance Division
Room 5307 J
National Highway Traffic Safety Administration
Department of Transportation
Washington, DC 20590-0001

National Institute of Justice
National Criminal Justice Reference Service
Washington, DC 20531

Source of Nongovernment Documents.

ANSI/ASQC Z1.4 - Sampling Procedures and Tables for Inspection by Attributes.

ANSI Z90.1 - Specification for Protective Headgear for Vehicular User.

(Application for copies should be addressed to American National Standards Institute, 11 West 42nd St., New York, NY 10036-8002.)

Snell '85

(Application for copies should be addressed to Snell Memorial Foundation, Box 493, St. James, NY 11780.)

Custodians:
Marine Corps - MC
Air Force - 11

Civil Agency Coordinating
Activities: GSA-FSS

Review Activities:
Army - GL
Air Force - 45

Preparing Activity:
DLA - CT

User Activity:
Army - GL

Project No. 8415 -0940

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER
A-A-55206

2. DOCUMENT DATE (YYMMDD)
May 21, 1993

3. DOCUMENT TITLE
HELMET, CRASH; MOTORCYCLIST

4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME (Last, First, Middle Initial)

b. ORGANIZATION

c. ADDRESS (Include Zip Code)

d. TELEPHONE (Include Area Code)

7. DATE SUBMITTED
(YYMMDD)

(1) Commercial
(2) AUTOVON
(If applicable)

8. PREPARING ACTIVITY

a. NAME
Defense Personnel Support Center
ATTN: DPSC-FSSD (12-3-D)

b. TELEPHONE (Include Area Code)
(1) Commercial (2) AUTOVON

c. ADDRESS (Include Zip Code)
2800 South 20th Street
P. O. Box 8419
Philadelphia, Pennsylvania 19101-8419

IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:
Defense Quality and Standardization Office
5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466
Telephone (703) 756-2340 AUTOVON 289-2340