

SECTION C

The Food Packet, Survival, General Purpose provides an operational supplement for the individual.

C-1 ITEM DESCRIPTION

ACR-G-001, FOOD PACKET, SURVIVAL, GENERAL PURPOSE, ASSEMBLY REQUIREMENTS

C-2 ASSEMBLY REQUIREMENTS

A. Components. The components required in each packet assembly shall be as specified in table I.

TABLE I. Components

Component	Reference	Quantity in Ration
Compressed Bars	PCR-C-084	
Chocolate Chip Dessert Bar	Type I	1 bar
Shortbread Bar	Type II	2 bars
Granola Bar	Type III	1 bar
Corn Flakes Cereal Bar	Type IV	1 bar
Wintergreen Tablets	PCR-W-002	1 package
Bouillon (Soup and Gravy Bases)	A-A-20202B	1 envelope
Beef Flavor, Regular, Powdered	Type I, Class 1, Style A	
Chicken Flavor, Regular, Powdered	Type II, Class 1, Style A	
Tea, Instant	A-A-20183C	1 envelope

SECTION D

D-1 PACKAGING

A. Components.

(1) Paperboard box. Folding paperboard boxes used to contain the individually packaged food packet component shall be constructed of nominal 0.026 inch thick, full bending chipboard in accordance with variety 2, style I, type A, class a of PPP-B-566. The inside dimensions of the paperboard box shall be 4-1/8 inches in length, 2 inches in width,

ACR-G-001
26 June 2014
SUPERSEDES
MIL-F-43231D
30 September 1992

and 3-3/4 inches in depth. The exterior of the box shall be poly-coated, or coated in accordance with process I of PPP-B-566, except the resistant surface shall be on the exterior of the box. The complete exterior of the box shall be uniformly colored in either a natural tan (unbleached) kraft paper, or in the range of 34087 through 34102, or 30045 through 30118 (excluding 30109) of FED-STD-595, Colors Used in Government Procurement. The box manufacturer's joint and full overlap end flaps shall be glued with a hot or cold water-resistant adhesive. The band of adhesive shall be continuous and water-resistant to the extent that there shall be not more than 5 percent failure of the bonded area when tested in accordance with PPP-B-566 for water resistance of waterproof adhesive. There shall be no unglued area exceeding 1/2 inch from the end on either of the flaps.

B. Assembly.

(1) Food packet assembly. The food packet components indicated in table I shall be inserted into the paperboard box specified in D-1,A(1) without damaging any of the components of the paperboard box. The food packet components shall be inserted in a manner which does not cause the box to bulge. The tea envelope and the bouillon (soup and gravy base) envelope shall be inserted along opposite sides of the box's inside length panels. The paperboard box shall be sealed closed with hot melt or cold water-resistant adhesive. The adhesive shall be water-resistant to the extent that there shall be not more than 5 percent failure of the bonded area when tested in accordance with PPP-B-566 for water resistance of waterproof adhesive.

D-2 LABELING

A. Food packet. Paperboard boxes shall be marked in accordance with DLA Troop Support Form 3556 and shall include the following information:

ACR-G-001
26 June 2014
SUPERSEDES
MIL-F-43231D
30 September 1992

FOOD PACKET SURVIVAL GENERAL PURPOSE

INSTRUCTIONS

The food in this packet is especially designed for survival use. All of the bars can be eaten as is. If desired, the corn flakes cereal and granola bars can be rehydrated with a small amount of water. The food can be eaten even when water supply is limited. The soup base may be made into a broth by adding hot water. All food packet components should be eaten. Swapping or discarding components could result in adverse health effects. Eating food bars slowly will give more satisfaction.

CAUTION

If you are exposed to salt water spray or have swallowed salt water, do not use the soup and gravy base.

Contractor's name and address

Date 1/

1/ Each food packet shall have the date of pack noted by using a four digit code beginning with the final digit of the current year followed by the three digit Julian day code. For example, 14 February 2015 would be coded as 5045. The Julian day code shall represent the day the product was packaged into the paperboard box.

D-3 PACKING

A. Packing. Twenty-four food packets shall be packed in a fiberboard box constructed in accordance with style RSC, grade V3c of ASTM D5118/D5118M, Standard Practice for Fabrication of Fiberboard Shipping Boxes. The component boxes shall be arranged 3 in length, 4 in width and 2 in depth. The inside dimensions of the box shall be 13 inches in length, 8-1/2 inches in width and 8-1/2 inches in depth. The box shall be closed and sealed in accordance of ASTM D1974/D1974M, Standard Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes. Stapling shall be excluded.

D-4 UNITIZATION

A. Unit loads. Sixty boxes shall be arranged in unit loads in accordance with Type I, Class A or B of DLA Troop Support Form 3507, Loads, Unit: Preparation of Semiperishable Subsistence Items.

D-5 MARKING

A. Shipping containers. Shipping containers shall be marked in accordance with DLA Troop Support Form 3556, Marking Instructions for Boxes, Sacks and Unit Loads of Perishable and Semiperishable Subsistence and as specified in the contract, and with the following additional markings:

1. Identification markings:

FOOD PACKET, SURVIVAL, GP
Contract data and other required markings
Date of pack
Lot number
U.S. GOVERNMENT PROPERTY – COMMERCIAL RESALE IS UNLAWFUL

B. Unit loads. Unit loads shall be marked in accordance with DLA Troop Support Form 3556.

SECTION E INSPECTION AND ACCEPTANCE

The following quality assurance criteria, utilizing ANSI/ASQ Z1.4, Sampling Procedures and Tables for Inspection by Attributes, are required. Unless otherwise specified, single sampling plans indicated in ANSI/ASQ Z1.4 will be utilized. When required, the manufacturer shall provide the Certificate(s) of Conformance to the appropriate inspection activity. Certificate(s) of Conformance not provided shall be cause for rejection of the lot.

A. Definitions.

(1) Critical defect. A critical defect is a defect that judgment and experience indicate would result in hazardous or unsafe conditions for individuals using, maintaining, or depending on the item; or a defect that judgment and experience indicate is likely to prevent the performance of the major end item, i.e., the consumption of the ration.

(2) Major defect. A major defect is a defect, other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose.

(3) Minor defect. A minor defect is a defect that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit.

B. Conformance inspection. Conformance inspection shall include the examinations/tests and the methods of inspection cited in this section.

C. Packaging examination.

(1) Paperboard box material certification. Material listed below may be accepted on the basis of a contractor's certification of conformance to the indicated requirements. In addition, compliance to the requirements for inside box dimensions may be verified by a Certificate of Conformance (CoC).

Requirement	Requirement paragraph	Test procedure
Material variety, style, type, and class		PPP-B-566 <u>1</u> /
Material thickness	D-1,A(1)	Micrometer may be used to determine thickness
Color	D-1,A(1)	FED-STD-595 <u>2</u> /
Water resistance		PPP-B-566 <u>1</u> /

1/ PPP-B-566 Boxes, Folding, Paperboard

2/ Colors Used in Government Procurement

(2) Assembled food packet examination. The filled and sealed food packets shall be examined for the defects listed in table II. The lot size shall be expressed in food packets. The sample unit shall be one food packet. The inspection level shall be S-4 and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 2.5 for major defects and 4.0 for minor defects.

TABLE II. Assembled food packet defects

Category		Defect
<u>Major</u>	<u>Minor</u>	
101		Box dimensions not as specified.
102		Component missing or not proper assortment as specified.
103		Box label missing or incorrect or illegible.
104		Crushed or torn paperboard box.
105		Tear or hole or puncture or open seal in any component pouch or envelope.
	201	Band of adhesive between inner and outer flaps of box is not continuous or either end of the flaps has an unglued area exceeding 1/2 inch from the end.
	202	Adhesive smears in places other than at closure.
	203	Misshapen box (bulged).
	204	Paperboard box or any component not clean. <u>1/</u>

1/ Outer packaging shall be free from foreign matter which is unwholesome, has the potential to cause package damage (i.e. glass, metal filings, etc.), or generally detracts from the clean appearance of the package. The following examples shall not be scored as defects for unclean:

a. Foreign matter which presents no health hazard or potential package damage and which can be readily removed by gently shaking the package or by gently brushing the package with a clean dry cloth.

b. Localized dried product which affects less than 1/8 of the total surface area of one package face, or an aggregate of scattered dried product which affects less than 1/4 of the total surface area of one package face.

D. Packing.

(1) Shipping container and marking examination. The filled and sealed shipping containers shall be examined for the defects listed in table III. The lot size shall be expressed in shipping containers. The sample unit shall be one shipping container fully packed. The inspection level shall be S-3 and the AQL, expressed in terms of defects per hundred units, shall be 4.0 for major defects and 10.0 for total defects.

TABLE III. Shipping container and marking defects

Category		Defect
<u>Major</u>	<u>Minor</u>	
101		Marking omitted, incorrect, illegible, or improper size, location sequence or method of application.
102		Inadequate workmanship. <u>1/</u>
	201	Not 24 food packets per box.
	202	Presence of staples.

1/ Inadequate workmanship is defined as, but not limited to, incomplete closure of container flaps, loose strapping, improper taping, or bulged or distorted container.

E. Unit load examination. The unit load shall be examined in accordance with the requirements of DLA Troop Support Form 3507, Loads, Unit: Preparation of Semiperishable Items. Any nonconformance shall be classified as a major defect.

ACR-G-001
26 June 2014
SUPERSEDES
MIL-F-43231D
30 September 1992

SECTION J REFERENCE DOCUMENTS

Unless otherwise specified, the applicable version of these documents is that which is active on the date of the solicitation or contract.

DLA Troop Support Forms

Form 3507 Loads, Unit: Preparation of Semiperishable Subsistence Item

Form 3556 Marking Instructions for Boxes, Sacks, and Unit Loads of
Perishable and Semiperishable Subsistence

MILITARY SPECIFICATIONS

PPP-B-566 Boxes, Folding, Paperboard

FEDERAL STANDARDS

FED-STD-595 Colors Used in Government Procurement

NON-GOVERNMENTAL STANDARDS

AMERICAN SOCIETY FOR QUALITY (ASQ) www.asq.org

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

ASTM INTERNATIONAL www.astm.org

D1974/D1974M Standard Practice for Methods of Closing, Sealing, and
Reinforcing Fiberboard Boxes

D5118/D5118M Standard Practice for Fabrication of Fiberboard Shipping Boxes