

MIL-B-83963A

21 May 74

SUPERCEDES

MIL-B-83963 (USAF)

7 July 1971

**MILITARY SPECIFICATION**

**BINDERS AND FILLERS, FLEXIBLE, LOOSE-LEAF  
FLIGHT CREW CHECK LIST**

This specification is mandatory for use by all Departments and Agencies of the Department of Defense.

**1. SCOPE**

1.1 This specification provides the requirements for Flight Crew Check List Binders and the components from which these binders are assembled. It is intended that the user will have the option of either securing a complete binder in one of four sizes or securing the front and rear cover set with an appropriate number of envelopes to allow assembly of a binder of any desired size.

1.2 Binders and component parts covered by this specification shall be of the sizes specified by the following dash number:

-1	-15 Page Complete Binder
-2	-25 Page Complete Binder
-3	-40 Page Complete Binder
-4	-55 Page Complete Binder
-7	Envelope
-8	Front and Rear Cover Set

**2. APPLICABLE DOCUMENTS**

2.1 The following documents of the issue in effect on date of invitation for bids, or request for proposal, form a part of this specification to the extent specified herein.

**SPECIFICATIONS**

**Federal**

PPP-B-566	Boxes, Folding, Paperboard
PPP-B-636	Boxes, Shipping, Fiberboard
PPP-B-665	Boxes, Paperboard, Metal-Stayed
PPP-B-676	Boxes, Setup

FSC 7510

MIL-B-83963A

Military

MIL-STD-105                    Sampling Procedures and Tables for  
                                 Inspection and Attributes  
MIL-STD-129                    Marking for Shipment and Storage

DRAWINGS

Military

USAF 60D90300                    Book-Check List, Flight Crew

(Copies of specifications, standards, drawings and publications required by suppliers in connection with specific procurement functions shall be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT

National Motor Freight Classification

(Application for copies should be addressed to the American Trucking Associations, Inc., ATTN: Tariff Order Section, 1616 P Street NW, Washington, DC 20036).

UNIFORM CLASSIFICATION COMMITTEE, AGENT

Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, ATTN: Tariff Publishing Officer, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606).

UNITED STATES POSTAL SERVICE

U.S. Postal Manual

(Copies of the manual may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402).

3. REQUIREMENTS

3.1 The requirements of USAF Drawing 60D90300 apply as requirements of this specification.

3.2 Seams. All seams shall be sealed by a high frequency electronic sealing method. Seams shall not be more than 1/10 inch from the edge of the binder cover and envelopes. Seams shall be free from skips and gaps, and shall be

MIL-B-83963A

straight and of good appearance. When tested as described in 4.3, the tensile strength of the seam shall be no less than 60 percent of the tensile strength of the envelope material.

**3.3 Workmanship.** Binders and fillers shall be uniformly constructed, and free from cuts, scratches, breaks, tears, holes, broken seals, or other imperfections which might impair their usefulness. The finished product shall conform to the levels of quality specified herein.

#### **4. QUALITY ASSURANCE PROVISIONS**

**4.1 Responsibility for inspection.** Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may utilize his own facility or any other facility suitable for the performance of the inspection requirements specified herein unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

**4.1.1 Inspection of materials and components.** In accordance with 4.1, components and materials shall be inspected and tested in accordance with all the requirements of referenced specifications, drawings, and standards unless otherwise excluded, amended or qualified in this specification or applicable purchase document.

#### **4.2 Sampling for inspection and acceptance.**

**4.2.1 Inspection lot.** All binders or components of the same size or kind offered for delivery at one time shall be considered a lot for the purpose of sampling.

**4.2.2 Sampling for visual and dimensional inspection.** From each inspection lot, a random sample of binders or components shall be taken for Government inspection of visual and dimensional characteristics in accordance with MIL-STD-105, Level S-2, AQL of 2.5% for major defects and 6% for total defects.

#### **4.3 Method of testing.**

**4.3.1 Seam tensile strength.** The end item seam tensile strength shall be tested in accordance with the applicable test in the basic material specification. The lot shall consist of all like components offered for inspection at one time. The inspection level shall be S-2. The acceptable Quality Level shall be 2.5 percent defective.

**4.4 Visual and dimensional inspection.** Visual and dimensional inspection of each sample taken in accordance with 4.2.2 shall be in accordance with classification of defects listed in Table I. The Government reserves the right to classify as a defect any departure from the specification not specifically listed in Table I.

**4.5 Inspection of preparation for delivery.** Packing and marking shall be inspected to determine conformance with the requirements of Section 5.

MIL-B-83963A

## 5. PREPARATION FOR DELIVERY

5.1 Packaging. Packaging shall be level A or C as specified (see 6.2).

5.1.1 Level A. Complete binders, separate cover sets, and loose envelopes shall be packaged in containers meeting PPP-B-665, PPP-B-566, PPP-B-676, or PPP-B-636. Unit quantities shall be specified by the procuring activity (see 6.2).

5.1.2 Level C (Commercial Packaging). Binders shall be packaged to afford adequate protection against physical damage during shipment from the supplier to the first receiving activity. The package and the quantity per package shall be the same as that normally used by the supplier for retail distribution.

5.2 Packing. Packing shall be level A, B, or C as specified (see 6.2).

5.2.1 Level A. Items packaged to meet 5.1.1 shall be in an exterior type shipping container meeting PPP-B-636, Style RSC, Grade V2s. As far as practicable, exterior containers shall be of uniform shape and size, be of minimum cube or tare consistent with the protection required, and contain identical quantities. The gross weight of each pack shall be limited to approximately 65 pounds. Each container shall be closed in accordance with method III, waterproofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636.

5.2.2 Level B. Same as Level A except that fiberboard shall be domestic grade and waterproofing and reinforcing shall not be required.

5.2.3 Level C (Commercial Packing). Binders, packaged as specified in 5.1, shall be packed in a manner to insure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. The quantity per shipping container shall be the same as that normally used by the supplier for retail distribution. Containers shall comply with US Postal Service, Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

5.3 Marking. In addition to any special marking required by the contract or order, interior containers and shipping containers shall be marked in accordance with the requirements of MIL-STD-129.

## 6. NOTES

6.1 Intended Use. The plastic, snap ring binders covered by this specification shall be used to hold Flight Crew Check Lists.

6.2 Ordering Data. Procurement data should specify the following:

- a. Title, number and date of this specification.
- b. Item required (see USAF Drawing 60D90300).
- c. Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
- d. Quantity of items per package (see 5.1.1).

MIL-B-83963A

TABLE I

## CLASSIFICATION OF DEFECTS - ALL SIZES

DEFECT	CATEGORY	
	MAJOR	MINOR
Dimensions of the component parts not as specified	X	
Thickness of cover material not as specified	X	
Thickness of envelope material not as specified	X	
Cover not of the specified color		X
Envelopes not transparent	X	
Lettering on front cover missing	X	
Location, color, and design of lettering not as specified		X
Number of pages not as specified	X	
Number of snap rings not as specified	X	
Seams not uniform and in alignment; not completely sealed throughout area specified		X
Seams at other locations than specified	X	
Workmanship: Any cuts, scratches, breaks, tears, holes, broken seals, and any other defect affecting service-ability	X	

## CUSTODIAN:

Air Force - 84  
 Army - GL  
 Navy - SA

## PREPARING ACTIVITY:

Air Force - 84

PROJECT NUMBER:  
 7510-0270

## REVIEWER:

Army - AV



STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL		OMB Approval No. 22-R255
<p><b>INSTRUCTIONS:</b> The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. 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. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.</p>		
DOCUMENT IDENTIFIER AND TITLE		
MIL-B-83963A BINDERS AND FILLERS, FLEXIBLE, LOOSE-LEAF FLIGHT CREW CHECK		
NAME OF ORGANIZATION AND ADDRESS	CONTRACT NUMBER	LIST
	MATERIAL PROCURED UNDER A	
		<input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT
<p>1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?</p> <p>A. GIVE PARAGRAPH NUMBER AND WORDING.</p> <p>B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES</p>		
2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID		
<p>3. IS THE DOCUMENT RESTRICTIVE?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO (If "Yes", in what way?)</p>		
4. REMARKS		
SUBMITTED BY (Printed or typed name and address - Optional)		TELEPHONE NO.
		DATE

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