

M1

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1				1. DATE (YYMMDD) 120223		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.							
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP		
a. TYPED NAME (First, Middle Initial, Last) Michael K. Hollen		Alliant Techsystems P.O. Box 1000 Independence, Missouri 64051-1000			I		
8. ECP DESIGNATION				6. JUST. CODE		7. PRIORITY	
a. MODEL / TYPE Various		b. CAGE CODE 1PHL2		D		R	
c. SYSTEM DESIGNATION Pistol/Shotshell Ammunition				9. BASELINE AFFECTED			
				<input type="checkbox"/> FUNCTIONAL <input checked="" type="checkbox"/> PRODUCT			
				<input type="checkbox"/> ALLOCATED			
d. ECP NO. 0016-P934-02-12		e. TYPE F		f. REV		10. OTHER SYS./CONFIG. ITEMS AFFECTED	
						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. SPECIFICATIONS AFFECTED				12. DRAWINGS AFFECTED			
CAGE Code		Specification/Document No.		CAGE Code		Number	
a. SYSTEM						Rev. NOR	
b. DEVELOPMENT						See attachment #2	
c. PRODUCT							
13. TITLE OF CHANGE Pistol/Shotshell Alternate Marking Color and Specification Update							
14. CONTRACT NO. AND LINE ITEM DAAA09-99-D-0016 and W52P1J-09-D-0027				15. PROCURING CONTRACTING OFFICER			
				a. NAME (First, Middle Initial, Last) Shirlene Wise			
				b. CODE CCRC-AF		c. TELEPHONE NO. (309)782-3764	
16. CONFIGURATION ITEM NOMENCLATURE Packing and Marking for M2A1 Ammo Box for Cartridges, Small Caliber						17. IN PRODUCTION	
						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
18. ALL LOWER LEVEL ITEMS AFFECTED							
a. NOMENCLATURE N/A		b. PART NO. N/A		c. NSN N/A			
19. DESCRIPTION OF CHANGE On the 9mm and Caliber .45 M2A1 Packing and Marking drawing: 1) replace ink CID A-A-208 with the more current marking CID A-A-59383, leaving A-A-208 as an approved alternate should stenciling be used, and 2) allow use of white or yellow marking on the ammunition can. The Gov't added additional Pistol/Shotshell drawings that required identical changes.							
20. NEED FOR CHANGE See attachment #1							
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER N/A				22. EFFECT ON PRODUCTION DELIVERY SCHEDULE N/A			
23. RETROFIT							
a. RECOMMENDED ITEM EFFECTIVITY N/A				b. SHIP / VEHICLE CLASS AFFECTED N/A			
c. ESTIMATED KIT DELIVERY SCHEDULE N/A				d. LOCATIONS OR SHIP / VEHICLE NUMBERS AFFECTED N/A			
24. ESTIMATED COSTS / SAVINGS UNDER CONTRACT None				25. ESTIMATED NET TOTAL COSTS / SAVINGS None			
26. SUBMITTING ACTIVITY a. AUTHORIZED SIGNATURE Dale Graves Andrew Sanderson Bruce Blackmon				b. TITLE Programs Director of Engineering Director of Mission Assurance			
				2/23/12 2/23/12 2/23/2012			
27. APPROVAL / DISAPPROVAL							
a. CLASS I As Mod		b. CLASS II		c. CLASS II		DO NOT CONCUR IN CLASSIFICATION OF CHANGE	
<input checked="" type="checkbox"/> APPROVAL RECOMMENDED		<input type="checkbox"/> DISAPPROVAL RECOMMENDED		<input type="checkbox"/> APPROVED		<input type="checkbox"/> DISAPPROVED	
d. GOVERNMENT ACTIVITY JEFF WINDHAM Chief, Small Cal Systems Branch		e. SIGNATURE WINDHAM, JAMES J JEFFERY 1228088672		f. DATE SIGNED (YYMMDD) 6 April 2012			
g. APPROVAL As Mod <input checked="" type="checkbox"/> APPROVED		h. GOVERNMENT ACTIVITY THOMAS J. CORADESCHI Configuration Manager		i. SIGNATURE		j. DATE SIGNED (YYMMDD) 30 April 2012	



Attachment #1 (page 1 of 1)

20. NEED FOR CHANGE:

This change is needed because CID A-A-208 is specific to ink stenciling operations. CID A-A-59383 is a more current marking specification that specifies performance criteria that must be met, but does not specify a particular type of marking process that must be used. This will allow a contractor to use any modern method, including inkjet, instead of only ink stenciling.

The addition of white as an approved alternate on small caliber ammunition containers was initiated in 2009 with the introduction of inkjet printing as a modernized improvement to stenciling. When yellow inkjet printing was attempted, it was found that the yellow additive clogged the print heads. White ink does not have the clogging issue, but still provides an opaque and readable print on the cans.

Similar changes have already been incorporated into the Packing and Marking drawings for 5.56mm, 7.62mm and Caliber .50 per ECP's R08K2082 (7.62mm) and R09K2046 (5.56mm, Cal .50). Those ECP's were used as references during the development of this ECP.



PAN #: R12S5026

Attachment #2 (page 1 of 1)

12. DRAWINGS AFFECTED:

CAGE Code	Number	Rev.	NOR
19200	9396205	H	001
19200	9396197	H	002
19200	10524421	C	003
19200	11731631	C	004
19200	10522440	D	005
19200	12913960	C	006

M1

NOTICE OF REVISION (NOR)

THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.

1. DATE (YYMMDD)
120223

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCURING ACTIVITY NO.
R12S5026

3. DODAAC

4. ORIGINATOR

a. TYPED NAME (First, Middle Initial, Last)

Michael K. Hollen

b. ADDRESS (Street, City, State, Zip Code)

ATK Small Caliber Systems
P.O. Box 1000
Independence, Missouri 64051-1000

5. CAGE CODE

1PHL2

7. CAGE CODE

19200

6. NOR NO.

001

8. DOCUMENT NO.

9396205

9. TITLE OF DOCUMENT

Packing and Marking for M2A1 Ammo Box for Cartridges,
Small Caliber

10. REVISION LETTER

a. CURRENT

H

b. NEW

11. ECP NO.

0016-P934-02-12

12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES

9mm and .45 Caliber

13. DESCRIPTION OF REVISION

Zone F8, Note 3:

From: "MATERIAL: INK, STENCIL, YELLOW, NO. 33538 TYPE I, III OR IV, A-A-208. SEE NOTE 4."

To: "MATERIAL: MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 IN ACCORDANCE WITH CID **A-A-59383. SEE NOTES 4 AND 12.**"

Zone F8, Note 4

From: "ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788."

To: "ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788 OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, III, OR IV IN ACCORDANCE WITH CID A-A-208, SEE NOTE 12."

ADD

Note: "12. SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595."

Zone F5, Note M1:

From: "MARKING SHALL BE APPLIED ON SIDE OF CONTAINER WITH YELLOW STENCIL INK, NOTE 3...."

To: "ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH **NOTES 3, 4, AND 12.**"

ADD

"M8: MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING SAME COLOR INK."

See also attached reference on the next page.

14. THIS SECTION FOR GOVERNMENT USE ONLY

a. (X one)

(1) Existing document supplemented by this NOR may be used in manufacture.

(2) Revised document must be received before manufacturer may incorporate this change.

(3) Custodian of master document shall make above revision and furnish revised document.

b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT
SFAE-AMO-MAS

c. TYPED NAME (First, Middle Initial, Last)

d. TITLE
For THOMAS J. CORADESCHI
Configuration Manager

e. SIGNATURE

PETERS.BRENTO
N.S.1363423252

Digitally signed by
PETERS.BRENTON.S.1363423252
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=PETERS.BRENTON.S.1363423252
Date: 2012.05.01 14:27:01 -0400

f. DATE SIGNED (YYMMDD)

120501

15.a. ACTIVITY ACCOMPLISHING REVISION

b. REVISION COMPLETED (Signature)

c. DATE SIGNED (YYMMDD)

REFERENCE FOR ECP 0016-P934-02-12

M1

DRAWING SIZE F 8 7 6 5 4 3 2 1

NOTES:

- SPEC MIL-A-2550 APPLIES.
- QUANTITY: AS REQUIRED.
- MATERIAL: INK, STENCIL, YELLOW, NO. 33538 TYPE I, II, OR IV, A-A-208. SEE NOTE 4.
- ALTERNATIVE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788 OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, II OR IV IN ACCORDANCE WITH CID A-A-208. SEE NOTE 12.
- MATERIAL: FIBERBOARD, TYPE CF, SW, CLASS DOMESTIC, GRADE 175, ASTM D4727. SEE NOTE 6.
- ALTERNATIVE MATERIAL: FIBERBOARD, TYPE SF, CLASS DOMESTIC, ASTM D4727.
- FOLD IN DIRECTION OF CORRUGATION AT 1 1/2, 2 5/8, 4 1/8 AND 5 INCHES AS SHOWN IN DETAIL A. DIMENSIONS MAY HAVE TO BE ADJUSTED SLIGHTLY BECAUSE OF VARIABLE SIZES OF PAPERBOARD BOXES.
- MATERIAL: TAPE, TEXTILE, COTTON, GENERAL PURPOSE, A-A-52071.
- END FILLER (9396205-2) NOT REQUIRED WHEN PACKING 9MM CARTRIDGES.
- APPLY CAR SEAL (1AW 1297298) ON M2A1 CAN.
- FOR PART NUMBER 9396205-17 ONLY: INSERT ONE (1) GRAPHIC TRAINING AID (GTA), SMALL CALIBER DUMMY CARD (GTA 09-15-001, DRAWING 13023914) ON TOP OF DUMMY M917A1 AMMO CARTRIDGES AND UNDER COVER OF M2A1 CONTAINER BEFORE CLOSING BOX AND APPLYING CAR SEAL.
- SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595.

MATERIAL MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 IN ACCORDANCE WITH CID A-A-59383. SEE NOTES 4 AND 12.

PACKAGING INSTRUCTIONS

- ALL PACKAGING MATERIAL SHALL BE THOROUGHLY DRY AT TIME OF PACKING.
- INSERT ONE SIDE FILLER (9396205-1) INTO M2A1 AMMUNITION BOX (7553296).
- PLACE 8 PACKED PAPERBOARD BOXES (SEE TABLE, COLUMN A) AS APPLICABLE INTO AMMUNITION BOX WITH REMOVAL TAPE (9396205-4) AROUND ONE OF THE BOXES.
- PLACE ANOTHER 8 PACKED PAPERBOARD BOXES INTO AMMUNITION BOX TO FORM SECOND LAYER WITH REMOVAL TAPE CONTINUED UP THROUGH THE SECOND LAYER. PLACE ENDS OF TAPE ACROSS TOP OF THE BOX.
- PLACE 2 PACKED PAPERBOARD BOXES FLAT AT REAR OF AMMUNITION BOX.
- PLACE END FILLER (9396205-2) AT FRONT OF BOX. THEN INSERT LAST 2 PACKED PAPERBOARD BOXES IN REMAINING SPACE.
- PLACE ENOUGH SIDE FILLERS (9396205-1) AND TOP FILLERS (9396205-3) INTO AMMUNITION BOX TO ENSURE A TIGHT PACK. CLOSE COVER THEN MARK AMMUNITION BOX AS SHOWN IN MARKING DIAGRAM. SEE NOTE 10.

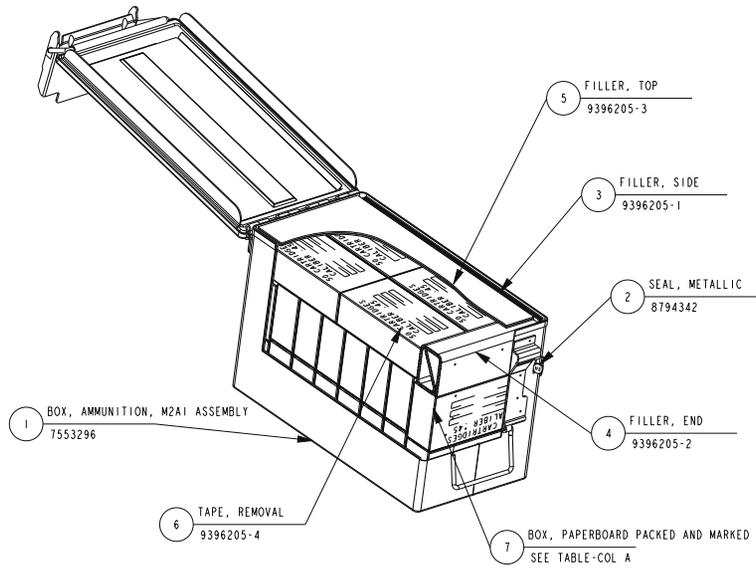
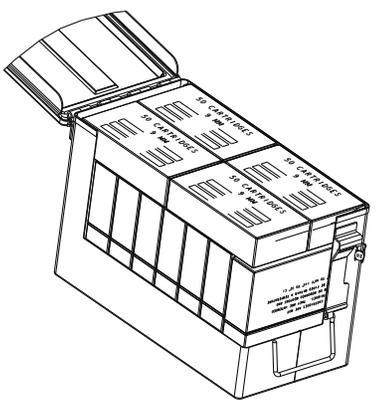
MARKING INSTRUCTIONS

- MARKING SHALL BE APPLIED ON SIDE OF CONTAINER WITH YELLOW STENCIL INK, NOTE 3. SIZE OF LETTERS SHALL BE 1/2 INCH HIGH WITH A MINIMUM OF 3/32 SPACING BETWEEN LINES. THE SIZE AND SPACES OF LETTER BLOCKS ARE REPRESENTATIVE OF STANDARD STENCIL MACHINE LETTERING.
- MARKING SHALL BE AS SHOWN IN MARKING DIAGRAM AND TABLE AND FILLED IN WHERE MARKING BLOCK IS SHOWN. "N/A" IN TABLE INDICATES NO MARKING REQUIRED.
- NOMENCLATURE. SEE TABLE, COLUMN B.
- LOT NUMBER PER MIL-STD-1168.
- CARTRIDGE SIZE. SEE TABLE, COLUMN D.
- NATO DESIGN SYMBOL. SEE TABLE, COLUMN E. SEE M7.
- FOR NATO SYMBOLS, SEE DRAWING 10521856.
- MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING SAME COLOR INK.

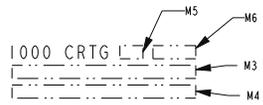
ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH NOTES 3, 4, AND 12.

REVISIONS			
REV.	DATE	DESCRIPTION	BY
1	2011-11-22	REWORK WITH CHANGE NO. R11A3012 / 2011-10-18	JTB

LINE NO.	PART NUMBER	COLUMN A BOX PAPERBOARD PACKED/MARKED	COLUMN B NOMENCLATURE M3/M7	COLUMN C REFERENCE DATA CTG. PART NO.	COLUMN D CARTRIDGE SIZE M5	COLUMN E NATO DESIGN SYMBOL M6
1	9396205-5	9396204-3	BLANK M9	10523085	CAL .45	N/A
2	9396205-6	9396204-4	DUMMY	6006253	CAL .45	N/A
3	9396205-7	9396204-1	BALL M1911	6000503	CAL .45	N/A
4	9396205-8	9396204-2	MATCH	8596136	CAL .45	N/A
5	9396205-9	9396204-5	HIGH PRESSURE TEST M1	6000502	CAL .45	N/A
6	9396205-10	9396204-6	TRACER M26	10534359	CAL .45	N/A
7	9396205-11	9396204-7	REFERENCE	10522507	CAL .45	N/A
8	9396205-12	12631028-1	BALL M882	9345211	9 MM	⊕
9	9396205-13	12631028-2	HIGH PRESSURE TEST M905	9378265	9 MM	N/A
10	9396205-14	12631028-3	DUMMY M917	9386948	9 MM	N/A
11	9396205-15	12631028-4	REFERENCE	12556029	9 MM	N/A
12	9396205-16	9396204-8	MATCH, WAD CUTTER	10521458	CAL .45	N/A
13	9396205-17	12631028-5	DUMMY M917A1	13023602	9 MM	N/A
14	9396205-18	12631028-6	MARKING BLUE	13008817-1	9 MM	N/A
15	9396205-19	12631028-7	MARKING RED	13008817-2	9 MM	N/A
16	9396205-20	12631028-8	MARKING YELLOW	13008817-3	9 MM	N/A



DETAIL A
SEE NOTE 7



MARKING DIAGRAM

ITEM OR FIND NO.	QTY. REQ.	CAGE CODE	PART NO. OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	REMARKS	DIMENSIONS
7	20	19200	SEE TABLE-COL A	BOX, PAPERBOARD PACKED AND MARKED		
6	1	19200	9396205-4	TAPE, REMOVAL	NOTE 8	1 ± 1/16 x 18 INCHES LONG
5	AR	19200	9396205-3	FILLER, TOP	NOTES 2, 5	10 1/2 ± 1/8 x 5 ± 1/8
4	AR	19200	9396205-2	FILLER, END	NOTES 5, 7, 9	6 3/4 ± 1/8 x 5 ± 1/8
3	AR	19200	9396205-1	FILLER, SIDE	NOTES 2, 5	10 1/2 ± 1/8 x 6 1/2 ± 1/8
2	1	19200	8794342	SEAL, METALLIC	NOTE 10	
1	1	19200	7553296	BOX, AMMUNITION, M2A1 ASSEMBLY		

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. SEE TABLE

DISTRIBUTION STATEMENT A
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

FPMC MECHANICAL PROPERTIES YP TS EL2 RA BH PH	9396206 NEXT ASSY USED ON APPLICATION	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DIMENSIONS ± 3 PLACE DECIMALS ± 3 PLACE DECIMALS THIRD ANGLE PROJECTION 	CONTRACT NUMBER CONTRACTOR DRAWN BY DATE (YEAR/MONTH) CHECKED ENGINEER QUALITY ENGINEER DRAWING APPROVAL MODELED BY DESIGN APPROVAL	US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, NEW JERSEY 07806-5000 PACKING AND MARKING FOR M2A1 AMMO BOX FOR CARTRIDGES, SMALL CALIBER SIZE CASE CODE DWG NO. SCALE UNIT WTS.
	J. CAMPBELL 1986-04-04 K. WEISS K. WEISS J. RINELL 2011-10-18 T. FITZGERALD 2011-10-18	F 19200 9396205 0.500 INCH	07806-5000 1986-04-04 K. WEISS K. WEISS 2011-10-18 2011-10-18	9396205 0.500 INCH

DRAWING SIZE F 8 7 6 5 4 3 2 1

M1

NOTICE OF REVISION (NOR)			1. DATE SUBMITTED (DD-MON-YYYY): 20-MAR-2012		2. PAN: R12S5026		4. NOR NO. 003 OF 006	
					3. ECP NO. :			
5. ORIGINATOR INFORMATION		5a. ORIGINATOR CAGE CODE: 19200		5b. NAME: Adam Duggleby		5c. ADDRESS (Street, City, State, Zip Code): US ARMY ARDEC RDAR-EIS-CS Rock Island, IL 61299-7300		
5d. PHONE NO.: 309-782-2272			5e. E-MAIL: adam.j.duggleby.civ@mail.mil					
6. TITLE OF AFFECTED DOCUMENT: PACKING & MARKING CRTGS, CAL .38, SPECIAL, BALL, M41; REFERENCE; CARTONS; BOX, AMMUNITION, M2A1						7. DOCUMENT CAGE CODE: 19200		8. DOCUMENT NO.: 10524421
9. REVISION	9a. CURRENT: C	9b. NEW:	9c. OTHER UN-INCORPORATED NORs:				10. NOR SHEET 1 OF 2	
11. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES: CARTRIDGE, CALIBER .38 SPECIAL, REFERENCE						12. NOT USED:		
13. DESCRIPTION OF REVISION:								
UPDATE THE MARKING REQUIREMENTS IN ACCORDANCE WITH THE ATTACHED MARKED PRINT AND THE DESCRIPTION BELOW.								
Zone D8, Change Line 5 From: "[5 INK, STENCIL, YELLOW #33538 TYPE I TT-I-1795 A, B, C]" To: "[5 MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 CID A-A-59383 A, B, C, F]"								
Zone C8, Change Note C From: "C-ALTERNATE: INK, PRINTERS, QUICK DRYING, YELLOW #33538, COMMERCIAL" To: "C-ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788 OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, III, OR IV IN ACCORDANCE WITH CID A-A-208, SEE NOTE F."								
Zone C8, Add Note F "F-SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595."								
Zone C2, Change Note M1 From: "M1-MARKING SHALL BE APPLIED ON SIDE OF THE CONTAINER WITH YELLOW STENCIL INK. SIZE OF..." To: "M1-ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH LINE 5. SIZE OF..."								
Zone B2, Add Note M3 "M3-MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING THE SAME COLOR INK."								
Zone B2, Add Distribution Statement A "DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED."								
13a. REMARKS/RATIONALE: Changes mirror a previously approved, Government initiated ECP which updated the marking criteria for 5.56mm, 7.62mm, and Cal .50. Proposed update will allow more modern marking techniques to be used by the contractor, but will still allow for the previous method to be used.								
BELOW TO BE COMPLETED BY THE APPROVING ACTIVITY								
14. (X ONLY ONE)	<input checked="" type="checkbox"/>	14a. EXISTING DOCUMENT SUPPLEMENTED BY THIS NOR MAY BE USED IN MANUFACTURE.						
	<input type="checkbox"/>	14b. REVISED DOCUMENT MUST BE RECEIVED BEFORE MANUFACTURING MAY INCORPORATE THIS CHANGE.						
15a. ACTIVITY AUTHORIZED TO APPROVE CHANGE: SFAE-AMO-MAS								
15b. NAME AND TITLE (Config. Change Authority): THOMAS J. CORADESCHI For CONFIGURATION MANAGER				15c. SIGNATURE: PETERS.BRENTON N.S.1363423252 <small>Digitally signed by PETERS.BRENTON.S.1363423252 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PETERS.BRENTON.S.1363423252 Date: 2012.05.01 14:27:56 -04'00'</small>			15d. DATE SIGNED (DD-MON-YYYY): 120501	
16. THIS SECTION COMPLETED BY THE ACTIVITY ACCOMPLISHING REVISION UPON NEW REVISION RELEASE								
16a. NAME and TITLE:				16b. REVISION COMPLETED (Signature):			16c. DATE SIGNED (DD-MON-YYYY):	

DD FORM 1695, 24 Jun 2011

Distribution Statement A: Approved for public release; Distribution is unlimited.

M1

THIS MARKED PRINT
FORMS PART OF
ECP R12S5026
NOR 003, SHEET 2

Change Line 5
From: "1 5 | | INK, STENCIL, YELLOW #33538 | TYPE I | TT-I-1795 | A, B, C |"
To: "1 5 | | MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 | | CID A-A-59383 | A, B, C, F |"

Change Note C
From: "C-ALTERNATE: INK, PRINTERS, QUICK DRYING, YELLOW #33538, COMMERCIAL"
To: "C-ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788
OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, III, OR IV
IN ACCORDANCE WITH CID A-A-208, SEE NOTE F."

LINE NO.	NAME OF PART	WAREHOUSE	MATERIAL KIND	GRADE	DRAWING OR SPEC NUMBER	REMARKS
1	PACKING & MARKING				D10524421	
2	BOX, AMMUNITION, M2A1	1			D7553296	
3	CARTONS (FILLED)	2A			B8594102	
4						
5			INK, STENCIL, YELLOW # 33538	TYPE I	TT-I-1795	A, B, C
6			COLORS		FED-STD-595	
7	FILLER, CENTER	1	CORRUGATION		SEE NOTE PPP-F-320	B, D, E
8	FILLER, END	1	CORRUGATION		SEE NOTE PPP-F-320	B, D, E
9	FILLER, TOP	1	CORRUGATION		SEE NOTE PPP-F-320	B, D, E

REV	DESCRIPTION	DATE	APPROVED
A	REPLACES D10524421 WITH CHANGES SEE CD # 590256	12/3/60	[Signature]
B	1-4 TERR 560012	PROBNO	C.W.F.
C	NOR W752036/1670727	SECNO	[Signature]

* - THE SPECIFICATION NUMBERS ARE BASIC NUMBERS ONLY, WHEN A SPECIFICATION IS REVISED A LETTER IS AFFIXED TO ITS BASIC NUMBER
A - AS REQUIRED
B - UNLESS OTHERWISE SPECIFIED THESE PARTS SHALL BE FURNISHED BY THE PACKER
C - ALTERNATE: INK, PRINTER'S, QUICK DRYING, YELLOW # 33538, COMMERCIAL
D - CORRUGATION: - TYPE "C"
CLASS - DOMESTIC
VARIETY - DW "A" & "B" FLUTE
GRADE - 200
E - ALTERNATIVE CORRUGATION: - VARIETY - SW "C" FLUTE

1200 CRTG .38 CAL
SPECIAL REFERENCE
CARTONS



M2 - MARKING ON BOX, AMMUNITION, M2A1

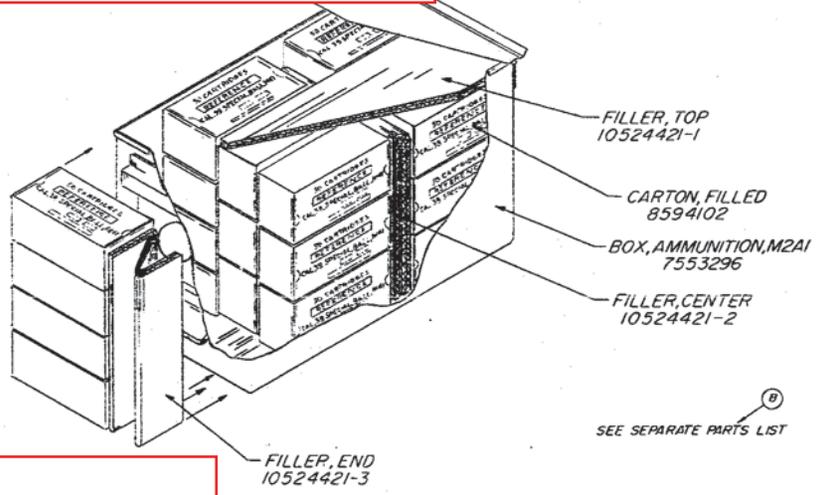
Change Note M1
From: "M1-MARKING SHALL BE APPLIED ON SIDE OF THE CONTAINER WITH YELLOW STENCIL INK. SIZE OF..."
To: "M1-ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH LINE 5. SIZE OF..."

MARKING INSTRUCTION
M1 - MARKING SHALL BE APPLIED ON SIDE OF CONTAINER WITH YELLOW STENCIL INK. SIZE OF LETTERS SHALL BE 1/2 INCH HIGH WITH A MINIMUM OF 1/32 INCH SPACING BETWEEN LINES. THE SIZE AND SPACES OF LETTER BLOCKS ARE REPRESENTATIVE OF STANDARD STENCIL MACHINE LETTERING.
M2 - INSERT LOT NUMBER IN ACCORDANCE WITH MIL-STD-116B.

Add Note F
"F-SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595."

PACKING INSTRUCTIONS
PACK AN AMMUNITION BOX, M2A1 WITH (24) TWENTY-FOUR FILLED CARTONS AND FILLERS AS ILLUSTRATED
CLOSE BOX AND MARK

Add Note M3
"M3-MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING THE SAME COLOR INK."



FILLERS
FILLER, TOP - 10524421-1
8 1/2 - 1/8" X 3 1/4 - 1/8" (DIRECTION OF CORRUGATION)
FILLER, CENTER - 10524421-2
12 - 1/8" X 5 - 1/8" (DIRECTION OF CORRUGATION)
CREASE AND BEND AT C" ALONG DIRECTION OF CORRUGATION
FILLER, END - 10524421-3
6 1/2 - 1/8" X 6 1/2 - 1/8" (DIRECTION OF CORRUGATION)
CREASE AND BEND AT 2 1/8" & 4 1/2" ALONG DIRECTION OF CORRUGATION

CURRENT DESIGN ACTIVITY CASE CODE 19200
U.S. ARMY
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
PICATINNY ARSENAL, NEW JERSEY 07806-5000

PART No. 10524421

DATE: AUG 12, 1963	U.S. ARMY TRANSFORD ARSENAL PHILADELPHIA, PA. 19137	ADEL ESO SCA
DESIGNED BY: [Signature]	PACKING & MARKING CRTGS, CAL .38, SPECIAL, BALL, M41; REFERENCE; CARTONS; BOX, AMMUNITION, M2A1	
CHECKED BY: [Signature]	CODE ARMY NO. 19200	DRAWING NO. 10524421
APPROVED BY: [Signature]	SCALE: 1/1	UNIT: 42, 25 LB, APPROX

Add Distribution Statement A:
"DISTRIBUTION STATEMENT A:
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED."

NOTICE OF REVISION (NOR)			1. DATE SUBMITTED (DD-MON-YYYY): 20-MAR-2012		2. PAN: R12S5026	4. NOR NO. 004 OF 006
					3. ECP NO. :	
5. ORIGINATOR INFORMATION	5a. ORIGINATOR CAGE CODE: 19200	5b. NAME: Adam Duggleby			5c. ADDRESS (Street, City, State, Zip Code): US ARMY ARDEC RDAR-EIS-CS Rock Island, IL 61299-7300	
5d. PHONE NO.: 309-782-2272		5e. E-MAIL: adam.j.duggleby.civ@mail.mil				
6. TITLE OF AFFECTED DOCUMENT: PACKING & MARKING CARTRIDGES CAL .38 SPECIAL, BALL; CARTONS; BOX, AMMUNITION, M2A1				7. DOCUMENT CAGE CODE: 19200	8. DOCUMENT NO.: 11731631	
9. REVISION	9a. CURRENT: C	9b. NEW:	9c. OTHER UN-INCORPORATED NORs:			10. NOR SHEET 1 OF 2
11. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES: CARTRIDGE, CAL .38, SPECIAL, BALL, M41 CARTRIDGE, CAL .38, SPECIAL, BALL, PGU 12/B				12. NOT USED:		
13. DESCRIPTION OF REVISION:						
UPDATE THE MARKING REQUIREMENTS IN ACCORDANCE WITH THE ATTACHED MARKED PRINT AND THE DESCRIPTION BELOW.						
Zone D8, Change Line 5 From: “[5 INK, STENCIL, YELLOW NO. 33538 TYPE I TT-I-1795 A, B, C]” To: “[5 MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 CID A-A-59383 A, B, C, G]”						
Zone C8, Change Note C From: “C-ALTERNATE: INK, PRINTER’S, QUICK DRYING, YELLOW #33538 COMMERCIAL.” To: “C-ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788 OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, III, OR IV IN ACCORDANCE WITH CID A-A-208, SEE NOTE G.”						
Zone C8, Add Note G "G-SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595."						
Zone C2, Change Note M1 From: “M1-MARKING SHALL BE APPLIED ON SIDE OF THE CONTAINER WITH YELLOW STENCIL INK. SIZE OF...” To: “M1-ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH LINE 5. SIZE OF...”						
Zone B2, Add Note M4 "M4-MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING THE SAME COLOR INK."						
Zone B2, Add Distribution Statement A "DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED."						
13a. REMARKS/RATIONALE: Changes mirror a previously approved, Government initiated ECP which updated the marking criteria for 5.56mm, 7.62mm, and Cal .50. Proposed update will allow more modern marking techniques to be used by the contractor, but will still allow for the previous method to be used.						
BELOW TO BE COMPLETED BY THE APPROVING ACTIVITY						
14. (X ONLY ONE)	<input checked="" type="checkbox"/>	14a. EXISTING DOCUMENT SUPPLEMENTED BY THIS NOR MAY BE USED IN MANUFACTURE.				
	<input type="checkbox"/>	14b. REVISED DOCUMENT MUST BE RECEIVED BEFORE MANUFACTURING MAY INCORPORATE THIS CHANGE.				
15a. ACTIVITY AUTHORIZED TO APPROVE CHANGE: SFAE-AMO-MAS						
15b. NAME AND TITLE (Config. Change Authority): THOMAS J. CORADESCHI CONFIGURATION MANAGER		15c. SIGNATURE: PETERS.BRENTON N.S.1363423252 <small>Digitally signed by PETERS.BRENTON.S.1363423252 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PETERS.BRENTON.S.1363423252</small>			15d. DATE SIGNED (DD-MON-YYYY): 120501	
16. THIS SECTION COMPLETED BY THE ACTIVITY ACCOMPLISHING REVISION UPON NEW REVISION RELEASE						
16a. NAME and TITLE:		16b. REVISION COMPLETED (Signature):			16c. DATE SIGNED (DD-MON-YYYY):	

M1

NOTICE OF REVISION (NOR)			1. DATE SUBMITTED (DD-MON-YYYY): 20-MAR-2012	2. PAN: R12S5026	4. NOR NO. 005 OF 006
			3. ECP NO. :		
5. ORIGINATOR INFORMATION	5a. ORIGINATOR CAGE CODE: 19200	5b. NAME: Adam Duggleby		5c. ADDRESS (Street, City, State, Zip Code): US ARMY ARDEC RDAR-EIS-CS Rock Island, IL 61299-7300	
5d. PHONE NO.: 309-782-2272		5e. E-MAIL: adam.j.duggleby.civ@mail.mil			
6. TITLE OF AFFECTED DOCUMENT: PACKING & MARKING CTGS, CAL .38, SPECIAL, MATCH, WAD CUTTER, CARTONS, BOX, AMMUNITION, M2A1				7. DOCUMENT CAGE CODE: 19200	8. DOCUMENT NO.: 10522440
9. REVISION	9a. CURRENT: D	9b. NEW:	9c. OTHER UN-INCORPORATED NORs:		10. NOR SHEET 1 OF 2
11. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES: CARTRIDGE, CAL .38, SPECIAL, MATCH, WAD CUTTER, COMMERCIAL				12. NOT USED:	
13. DESCRIPTION OF REVISION:					
UPDATE THE MARKING REQUIREMENTS IN ACCORDANCE WITH THE ATTACHED MARKED PRINT AND THE DESCRIPTION BELOW.					
Change Line 9 From: “[9 INK, STENCIL, YELLOW #33538 TYPE I TT-I-1795 A, B, C]” To: “[9 MARKING MEDIA, YELLOW NO. 33538 OR WHITE NO. 37875 CID A-A-59383 A, B, C, D]”					
Change Note C From: “C-ALTERNATE: INK, PRINTER’S, QUICK DRYING, YELLOW #33538, COMMERCIAL” To: “C-ALTERNATE MATERIAL: INK IN ACCORDANCE WITH DRAWING 9211788 OR INK, STENCIL, YELLOW NO. 33538 OR WHITE NO. 37875 TYPE I, III, OR IV IN ACCORDANCE WITH CID A-A-208, SEE NOTE D.”					
Add Note D "D-SPECIFIED COLORS IN ACCORDANCE WITH FED-STD-595."					
Change Note M1 From: “M1-MARKING SHALL BE APPLIED ON SIDE OF THE CONTAINER WITH YELLOW STENCIL INK. SIZE OF...” To: “M1-ALL MARKINGS SHALL BE APPLIED AS SPECIFIED IN ACCORDANCE WITH LINE 9. SIZE OF...”					
Add Note M4 "M4-MARKING SHALL BE PERFORMED USING ONLY A SINGLE COLOR (YELLOW OR WHITE) PER CONTAINER. ONLY MINOR TOUCH UPS WILL BE AUTHORIZED USING THE SAME COLOR INK."					
13a. REMARKS/RATIONALE: Changes mirror a previously approved, Government initiated ECP which updated the marking criteria for 5.56mm, 7.62mm, and Cal .50. Proposed update will allow more modern marking techniques to be used by the contractor, but will still allow for the previous method to be used.					
BELOW TO BE COMPLETED BY THE APPROVING ACTIVITY					
14. (X ONLY ONE)	<input checked="" type="checkbox"/>	14a. EXISTING DOCUMENT SUPPLEMENTED BY THIS NOR MAY BE USED IN MANUFACTURE.			
	<input type="checkbox"/>	14b. REVISED DOCUMENT MUST BE RECEIVED BEFORE MANUFACTURING MAY INCORPORATE THIS CHANGE.			
15a. ACTIVITY AUTHORIZED TO APPROVE CHANGE: SFAE-AMO-MAS					
15b. NAME AND TITLE (Config. Change Authority): THOMAS J. CORADESCHI For CONFIGURATION MANAGER			15c. SIGNATURE: PETERS.BRENTON N.S.1363423252 <small>Digitally signed by PETERS.BRENTON.S.1363423252 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PETERS.BRENTON.S.1363423252 Date: 2012.05.01 14:38:18 -04'00'</small>		15d. DATE SIGNED (DD-MON-YYYY): 120501
16. THIS SECTION COMPLETED BY THE ACTIVITY ACCOMPLISHING REVISION UPON NEW REVISION RELEASE					
16a. NAME and TITLE:		16b. REVISION COMPLETED (Signature):		16c. DATE SIGNED (DD-MON-YYYY):	

DD FORM 1695, 24 Jun 2011

Distribution Statement A: Approved for public release; Distribution is unlimited.

