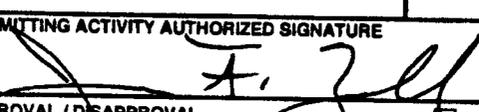
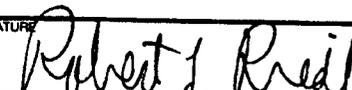
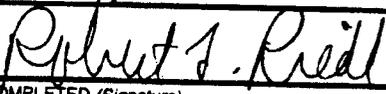


ENGINEERING CHANGE PROPOSAL (SHORT FORM) (SEE MIL-STD-481 for instructions)			DATE (YYMMDD) 010905		Form Approved OMB No. 0704-0188	
			PROCURING ACTIVITY NUMBER 19200 R1K2063			
<small>Public reporting burden for this collection of information is estimated to average 2 hours per response, including 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 Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.</small>						
1. ORIGINATOR NAME AND ADDRESS US ARMY - ARDEC AMSTA-AR-WEP Picatinny Arsenal, NJ 07806-5000			2. CONTRACT NUMBER AND LINE ITEM		3. PROCURING CONTRACTING OFFICER CODE TEL	
4. TITLE OF CHANGE To update the military specifications according to recent European mandates towards non-manufactured wood.						
5. ECP NUMBER R1K2063		REV	AMEND	6. CAGE CODE 19200	7. CLASS OF ECP I	8. JUST. CODE R
10. SPECIFICATIONS AFFECTED			11. DRAWINGS AFFECTED			
CAGE CODE	SPECIFICATION/DOCUMENT NO.		REV	CAGE CODE	NUMBER	
	MIL-B-2427		G			
	MIL-B-46506		G			
12. CONFIGURATION ITEM NOMENCLATURE/TYPE DESIGNATION/WEAPON SYSTEM CODE Boxes, Ammunition Packing Wood, Wirebound and Nailed					13. IN PRODUCTION YES NO	
14. LOWEST ASSEMBLY AFFECTED NOMENCLATURE			PART NO.	NSN		
15. DESCRIPTION OF CHANGE To add the current heat treatment requirements, a new grade of box, and testing/inspection procedures to the wirebound and nailed wood box military specifications.						
16. NEED FOR CHANGE Heat treatment will be mandatory for all non-manufactured wood packaging products transported to european destinations beginning 01 October 2001. This ECP adds this requirement to ammunition box specifications.						
17. EFFECT ON ASSOCIATED EQUIPMENT N/A						
18. PRODUCTION EFFECTIVITY BY SERIAL NUMBER N/A			19. EFFECT ON PRODUCTION DELIVERY SCHEDULE NONE			
20. RECOMMENDED RETROFIT EFFECTIVITY NONE		21. ESTIMATED KIT DELIVERY SCHEDULE N/A		22. ESTIMATED COSTS/SAVINGS estimated 30% increase		
23. SUBMITTING ACTIVITY AUTHORIZED SIGNATURE 			23.a. TITLE James F. Zoll, Supervisory Packaging Engineer			
24. APPROVAL / DISAPPROVAL RECOMMENDED <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> DISAPPROVAL <input type="checkbox"/>						
b. APPROVAL <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		c. GOVERNMENT ACTIVITY 		SIGNATURE		DATE (YYMMDD)
d. APPROVAL <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		e. GOVERNMENT ACTIVITY AMSTA-AR-WEP-R		SIGNATURE 		DATE (YYMMDD) 101106

NOTICE OF REVISION (NOR) THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.		1. DATE (YYMMDD) 010905	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 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. R1K2063	
		3. DODAC	
4. ORIGINATOR a. TYPED NAME Danielle A. Frank	b. ADDRESS (Street, City, State, Zip Code) US ARMY-ARDEC AMSTA-AR-WEP Picatinny Arsenal, NJ, 07806-5000	5. CAGE CODE 19200	6. NOR NO. R1K2063
		7. CAGE CODE	8. DOCUMENT NO. MIL-B-46506
9. TITLE OF DOCUMENT Boxes, Ammunition Packing Wood, Wirebound	10. REVISION LETTER a. CURRENT G		b. NEW
		11. ECP NO. R1K2063	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES Boxes, Ammunition Packing Wood, Wirebound		NOR Sheet 1 of 2	
13. DESCRIPTION OF REVISION Change Grade A on page 1 to read as follows: Grade A – Preservative and heat treated boxes for the unrestricted overseas shipment or long term storage and Handling of ammunition or explosive ammunition components. (see 3.10 & 3.11) Change Grade B on page 1 to read as follows: Grade B – Heat Treated non- preservative treated boxes for overseas shipment and short term storage and handling of ammunition and explosive ammunition components. (see 3.11) Add new grade on page 1 as follows: Grade C – Boxes without preservative or heat-treatment for interplant or domestic shipment and for storage and handling under controlled conditions of ammunition or explosive ammunition components. Add new paragraph 3.11 on page 11 as follows: 3.11 Heat Treatment Requirements. (Grades A&B Only). Boxes shall be fabricated from wood heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes or shall be heat-treated to the same requirement after box fabrication. Manufactured wood (plywood) used in box manufacture is not subject to the heat treatment requirement. For Grade A & B boxes, heat treatment shall take place prior to preservative application. The box manufacturer shall be affiliated with an inspection agency accredited by the United States Department of Agriculture. Each box shall be marked to show conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the box between the end cleats or end battens and the mark shall show traceability to the original source of heat treatment.			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/> (1) Existing document supplemented by this NOR may be used in manufacture <input type="checkbox"/> (2) Revised document must be received before manufacturer may incorporate this change <input type="checkbox"/> (3) Custodian of master document shall make above revision and furnish revised document		
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT	c. TYPED NAME (First, Middle Initial, Last)		
d. TITLE CM	e. SIGNATURE Robert L. Reed	f. DATE (YYMMDD) 011106	
15.a. ACTIVITY ACCOMPLISHING REVISION US ARMY- ARDEC, AMSTA-AR-WEP PICATINNY ARSENAL, NJ 07806-5000	b. REVISION COMPLETED (Signature)	c. DATE (YYMMDD)	

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD) 011024	Form Approved OMB No. 0704-0188
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.			
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)			2. PROCURING ACTIVITY NO. R1K2063
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.			3. DODAAC
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code) CDR, TACOM/ ARDEC ATTN: AMSTA-AR-WEP-RP Rock Island, IL 61299-7300	5. CAGE CODE 19200	6. NOR NO. R1K2063
a. TYPED NAME (First, Middle Initial, Last) Kimberly Wheat		7. CAGE CODE 19200	8. DOCUMENT NO. MIL-B-46506
9. TITLE OF DOCUMENT Boxes, Ammunition Packing Wood, Wirebound	10. REVISION LETTER		11. ECP NO. R1K2063
	a. CURRENT G	b. NEW	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES Boxes, Ammunition Packing Wood, Wirebound			NOR sheet 2 of 2
13. DESCRIPTION OF REVISION			
<p>Page 11 renumber paragraph 3.11 to 3.12.</p> <p>Page 11 renumber paragraph 3.12 to 3.13.</p> <p>Page 11 renumber paragraph 3.13 to 3.14</p> <p>Add paragraph on page 16 as follows:</p> <p>4.4.3.7 <u>Presence of Heat Treatment</u>. (see 3.10) Major Defect. A sample of 15 boxes shall be selected at random for this test. The heat treatment marking on each of the boxes shall be visually inspected for conformance to the requirements of 3.11 for content, legibility and location. If marking does not comply on one or more boxes then the lot shall be rejected. The boxes shall also be examined for the presence of pests or evidence of infestation (e.g. worm holes). Any visually obvious infestation or evidence of infestation of any box in the sample lot shall be cause for rejection.</p> <p>Add paragraph on page 19 as follows:</p> <p>6.1.2 Grade B boxes are intended primarily for overseas shipment and long-term storage of ammunition and explosive ammunition components.</p> <p>Page 19 renumber paragraph 6.1.2. to 6.1.3.</p> <p>Change paragraph 6.1.3 as follows:</p> <p>6.1.3 Grade C boxes are intended primarily for interplant shipment and short-term storage of ammunition or components.</p>			
14.			
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	c. TYPED NAME (First, Middle Initial, Last)		
d. TITLE Robert L. Riedl, Configuration Manager AMSTA-AR-WEP-R	e. SIGNATURE <i>Robert L. Riedl</i>	f. DATE SIGNED (YYMMDD) 011106	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	c. DATE SIGNED (YYMMDD)	

NOTICE OF REVISION (NOR) THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.		1. DATE (YYMMDD) 010905	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 RETURN YOUR 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. R1K2063	3. DODAC
		4. ORIGINATOR a. TYPED NAME Danielle A. Frank	b. ADDRESS (Street, City, State, Zip Code) US ARMY-ARDEC AMSTA-AR-WEP Picatinny Arsenal, NJ, 07806-5000
9. TITLE OF DOCUMENT Box, Ammunition Packing Wood, Nailed		7. CAGE CODE	8. DOCUMENT NO. MIL-B-2427
10. REVISION LETTER a. CURRENT G		b. NEW	11. ECP NO. R1K2063
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES Box, Ammunition Packing Wood, Nailed		NOR Sheet 1 of 2	
13. DESCRIPTION OF REVISION Change Grade A on page 2 to read as follows: Preservative and heat treated boxes for the unrestricted overseas shipment or long-term storage and handling of ammunition or explosive ammunition components. Add new grade on page 2 as follows: Grade B - Heat treated, non-preservative treated boxes for overseas shipment and short term storage and handling of ammunition or explosive ammunition components. Change Grade C on page 2 to read as follows: Boxes without preservative or heat treatment. For interplant shipment and for storage and handling under controlled conditions of ammunition or explosive ammunition components, for domestic shipment only. Add new paragraph 3.10 on page 14 as follows: 3.10 <u>Heat Treatment (Grade A & B Only)</u> . Boxes shall be fabricated from wood heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes or shall be heat treated to the same requirement after box fabrication. For Grade A boxes, heat treatment shall take place prior to preservative application. The box manufacturer shall be affiliated with an inspection agency accredited by the United States Department of Agriculture. Each box shall be marked to show conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the box between the end cleats and the mark shall show traceability to the original source of heat treatment.			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/>	(1) Existing document supplemented by this NOR may be used in manufacture	
	<input type="checkbox"/>	(2) Revised document must be received before manufacturer may incorporate this change	
	<input type="checkbox"/>	(3) Custodian of master document shall make above revision and furnish revised document	
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT		c. TYPED NAME (First, Middle Initial, Last)	
d. TITLE EM		e. SIGNATURE Robert L. Reed	f. DATE (YYMMDD) 011106
15.a. ACTIVITY ACCOMPLISHING REVISION US ARMY- ARDEC, AMSTA-AR-WEP PICATINNY ARSENAL, NJ 07806-5000		b. REVISION COMPLETED (Signature)	c. DATE (YYMMDD)

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD) 011024	Form Approved OMB No. 0704-0188
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.			
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4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE	6. NOR NO. R1K2063
a. TYPED NAME (First, Middle Initial, Last) Kimberly Wheat	CDR, TACOM/ARDEC ATTN: AMSTA-AR-WEP-RP Rock Island, IL 61299-7300	19200	
		7. CAGE CODE	8. DOCUMENT NO.
		19200	MIL-B-2427
9. TITLE OF DOCUMENT Boxes, Ammunition Packing Wood, Nailed	10. REVISION LETTER	11. ECP NO.	
	a. CURRENT G	b. NEW	R1K2063
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES Boxes, Ammunition Packing Wood, Nailed		NOR Sheet 2 of 2	
13. DESCRIPTION OF REVISION			
Page 14 renumber paragraph 3.10 to 3.11.			
Page 16 Change paragraph 4.4.2.1 from "Grade A C" to "Grade A B C".			
Add new paragraph on page 20 as follows:			
4.4.3.7 Presence of Heat Treatment. (see 3.10) Major Defect. A sample of 15 boxes shall be selected at random for this test. The heat treatment marking on each of the boxes shall be visually inspected for conformance to the requirements of 3.11 for content, legibility and location. If marking does not comply on one or more boxes then the lot shall be rejected. The boxes shall also be examined for the presence of pests or evidence of infestation (e.g. worm holes). Any visually obvious infestation or evidence of infestation of any box in the sample lot shall be cause for rejection.			
14.			
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	c. TYPED NAME (First, Middle Initial, Last)		
d. TITLE Robert L. Riedt, Configuration Manager AMSTA-AR-WEP-R	e. SIGNATURE 	f. DATE SIGNED (YYMMDD) 011106	
15. a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	c. DATE SIGNED (YYMMDD)	