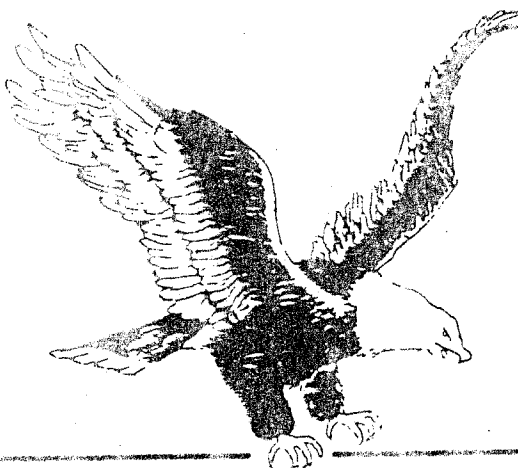


INSTALLATION ASSESSMENT  
OF  
RAVENNA ARMY AMMUNITION PLANT

REPORT NO. 132

NOVEMBER 1978

12-11-80  
\* 12-11-80



US ARMY  
TOXIC AND HAZARDOUS MATERIALS AGENCY

ABERDEEN PROVING GROUND, MARYLAND 21010

DISTRIBUTION LIMITED TO US GOVERNMENT AGENCIES  
ONLY, FOR PROTECTION OF PRIVILEGED INFORMATION  
EVALUATING ANOTHER COMMAND: NOVEMBER 1978  
OTHER REQUESTS FOR THIS DOCUMENT MUST BE  
REFERRED TO: COMMANDER, RAVENNA ARMY  
AMMUNITION PLANT, RAVENNA, OH 44266

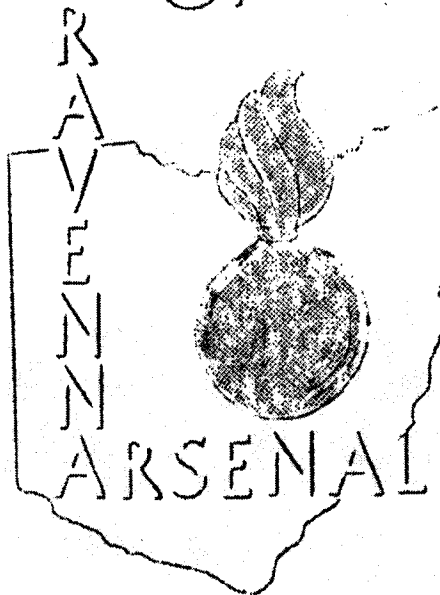
TABLE X

## AMMUNITION DEMILITARIZED 1951-1957

<u>Line No.</u>		<u>Quantity</u>
3	Shot, AP-T, M74, 37mm	219,773
3	Shot, AP-T, M80, 37mm	360
F-15 & Demo. Gr.	Shot, APC-T, M51, 37mm	80
2-B-6	Shell, HE, M65A1, 4.5"	214,879
3 & 12	Shell, HE, M41A1, 75mm	6
F-16	Shell, HE, M48, 75mm	302,304
F-16	Shell, WP, M64, 75mm	127
F-16	Shell, HE, M66, 75mm	599
3 & 12	Shell, HE, M41A1, 75mm	6
2-B-6 & Demo. Gr.	Cluster, Frag. Bomb, M1	2,481
3	Shell, HE, M1, 105mm	8,015
3 & 12	Shell, HE, M1, 105mm	1,270
Depot	Shell, HE, M101, 155mm	1,456
12	Shell, HE, MK3, 155mm	2,321
2-B-6	Shell, AP, M112, 155mm	15,377
Nitrate	Rocket, HE, 45, M8A3	16,990
B. G.	Mine, AT, HE, M1A1	46,179
F-16	Fuze, PD, M51A5	20,028
F-15	Fuze, PD, M46	120,130
Demo. Gr.	Fuze, PD, M52	244,182
B. G.	Fuze, Grenade, Hand, M6A4C	600
Demo. Gr.	Fuze, MF, M43A5	11,965
Demo. Gr.	Fuze, PD, M48	4,831
F-16	Fuze, T8Q, M54A1	11,345
F-16	Fuze, M55 & M54	185,483
B. G.	Fuze, Grenade, Hand, M6A4C	362,059
Demo. Gr.	Fuze, M53	97,111
Demo. Gr.	Fuze, PD, M58	24,601
Demo. Gr.	Fuze, TSQ, M77	11,293
F-16	Fuze, M61A2	3,759
F-16	Fuze Body, M55A3	1,500
Demo. Gr.	Booster, M20A1 & M21A1	30,840
B. G.	Primer, Perc., M32	128,309
B. G.	Primer, Perc., M22A2	5,000
Depot	Primer, Perc., M28B2	262,956
B. G.	Primer, M49	22,923
B. G.	Detonator Ass'y, F/M46 & M47 Fuze	403,367
2-B-21	Case, Cart., M18, w/Loaded Primer, 75mm	19,998
20-X-3	Flare, AC, Para. AN-M26A1	7,853
B. G.	Demil Primer, MK2A4	195,220
B. G.	Demil Primer, M28B2	2,191

~~RESTRICTED~~  
~~SECURITY INFORMATION~~

# HISTORICAL SUMMARY OF



FOR THE PERIOD

2 September 1945 to 1 July 1951

Prepared by:

ROLAND DeUNGER  
Chief, Management Branch

Approved by:

CHARLES K. ALLEN  
Colonel, Ord Corps  
Commanding

~~RESTRICTED~~  
~~SECURITY INFORMATION~~

~~RESTRICTED~~  
~~SECURITY INFORMATION~~

job was set up in one of the Booster Lines and 175,000 hand grenades were refuzed, repacked and shipped overseas.

In connection with 105mm normal maintenance operations conducted on the Load Line, the Depot was required to slit the bags generated from this operation. This operation was initiated in the Bundling Building on approved type copper lined tables, utilizing four girls at each table. All tables were grounded and deluge systems were installed. The resultant prop powder was packed in M2 cans and returned to Radford Arsenal for reblending, along with the empty dulling grain drums.

Operations were also set up in the LCL Building to perform normal maintenance and repack 350,000 M82, 90mm shell. These rounds are wire-brushed, spot-painted, repacked in Condition 1 boxes and put in long-term storage.

2 The Depot was also faced at this time with storing an over-production of fertilizer. Inasmuch as fertilizer was considered Class 9 after the Texas explosion, all fertilizer which had previously been stored in inert warehouses had to be removed and stored in igloos until sufficient box cars could be obtained to move it to the Port.

The 105mm and 90mm shell which were scheduled for load line operation had to be sorted by vendor and vendor lot. This requirement necessitated considerable analysis and was estimated at a cost of nearly 20¢ per round.

During all this time in 1948 there were tremendous "Blitz" shipments to Europe, many times requiring two twelve-hour shifts. These shipments consisted of all types of ammunition, and sometimes as high

38

~~RESTRICTED~~  
~~SECURITY INFORMATION~~

⊕ I am not sure if "The Depot" is the same Depot or not.

and women were employed for the work.

In 1949 a portable shot-blasting machine was installed in one of the covered X pads, and many thousands of 500 and 1,000 pound bomb fins were cleaned, repaired and shipped.

In 1950 instructions were received that normal maintenance was required on all heavy and light mortar shell. This included changing the fuzes, increments, primers and ignition cartridge. Work was started in the latter part of 1950 in one of the Booster Lines, with Depot crews used exclusively. All the light mortar were reconditioned in this manner; however, before a project could be started with heavy mortars the contractor had taken over the plant and transferred that operation to the Load Lines.

Bomb renovation was started in 1949, utilizing Load Line IV with Depot crews. Many thousands of bombs were wire brushed, repainted, restenciled and sent to the Depot for inside long-term storage.

Throughout the years of 1946 to 1950 there were many normal maintenance and minor modification operations accomplished in the Depot, including all calibers of fixed and semi-fixed ammunition.

TOTAL AMMUNITION PRODUCTION, RAVENNA ARSENAL, APRIL 1957 -- DECEMBER 1957

<u>Item No.</u>	<u>Line No.</u>	<u>Nomenclature</u>	<u>Start</u>	<u>End Date</u>
<u>NEW LOADING</u>				
744	2	Shell, 8" How M106, HE w/deep cavity	Apr. 57	Sep. 57
730	3	Shell, 155 MM, How, M107, HE w/deep cavity	Apr. 57	Sep. 57
<u>PROVING GROUND</u>				
PS-155-32	3	Shell, 155MM M107, INERT w/norm cavity	Sep. 57	Sep. 57
<u>EXPERIMENTAL</u>				
SRP-1	Fuze 2	Cart. HEAT, T300 f/90MM Tank Gun T119	Nov. 57	Nov. 57
SRP-2	Fuze 2	Cart. INERT, T300 " " " "	Oct. 57	Dec. 57
<u>MISCELLANEOUS</u>				
* RVA-1201	Depot	Normal Maintenance for Outshipment-Bomb, GP, 250#, AN-M 57A1	Apr. 57	Apr. 57
* RVA-1202	Depot	Demilitarization - Fuze, MT 461	June 57	June 57
		" - Fuze, PD, M51A4	June 57	June 57
* RVA-1203	Depot	Demilitarization - Primer, M38M2	June 57	June 57
		- Fuze, PD M31A5	June 57	June 57
<u>DEMILITARIZATION</u>				
1315-NO 2-4000-0000		Shell, HE M1 w/Fuze for 105MM How M3	May 58	
1315-028-4746-C287		Cart. HE-T T91 Steel Case w/Fuze PD M51A5	June 58	June 58
1325-028-5656-F336		Demil Adapter Cluster Bomb, M12	June 58	June 58
1325-NO 5-2005-0000		Demil Arming Wire Assembly	June 58	June 58
<u>CHAMBERGAGE</u>				
1315-028-4746-0287		Cart, HE-T T-91, Steel Case w/Fuze PD, M51A5 f/90MM Gun M36, M41 & T125	Mar. 58	Mar. 58

www. RVAAP.org  
 - documents  
 - 1974

Total Ammunition Production, Ravenna Arsenal, April 1951 – April 1957

**Demilitarization**

Item No.	Line No.	Nomenclature	Start Date	End Date
D45-1	2-B-6	Shell, HE, M65A1, 4.5"	June 1955	Oct 1955
D100-17	2-B-6 & Demo. Gr.	Cluster, Frag., Bomb, M1	Nov 1954	Dec 1954
D-155	Depot	Shell, HE, M101, 155MM	Nov 1955	Dec 1955
D-155-23	2-B-6	Shell, AP, M112, 155MM	Dec 1953	Mar 1954
D700-9	Depot	Primer, Perc., M28B2	Oct 1952	Oct 1952
D900-26	2-B-21	Case, Cart., M18 w/loaded Primer, 75MM	Mar 1954	Mar 1954
D900-228	20-X-3	Flare, AC, Para. AN-M26A1	Oct 1954	Nov 1954
<b>Experimental</b>				
OAC-D-43	BB-223	Chg. Prop., NH Powder, 155MM	May 1954	June 1954
OAC-D-46	BB-223	Chg. Prop, M4A1, 155MM	June 1954	June 1954
<b>Renovation</b>				
R900-6	1&Depot	Renovate Chg. Prop., M15 F/120MM	July 1952	July 1953
<b>Locally Assigned Items</b>				
RVA-1017	Depot	.50 Calibre, Normal Maint.	Sep 1952	Oct 1952
RVA-1019	Depot	76MM, HE, M42A1, N.M	June 1952	Nov 1952
RVA-1046	U-10	Recondition Fin Ass'y, AN-M106A1, F/250# Bomb	Feb 1953	Feb 1953
RVA-1048	BB-223	Chg. Prop, M3 F/155MM N.M	June 1954	July 1954
RVA-1051	2-B-6	Shot, APC-T, M59, 37MM N.M	Feb 1953	Apr 1953
RVA-1053	Depot	Adapter Booster, M115A1, N.M	Mar 1953	June 1953
RVA-1068	2-B-6	Boostering of M61A2 Fuze	Apr 1953	Jun 1953
RVA-1077	Depot	Shell, HE, AT, M66, 75MM	Sep 1953	Sep 1953
RVA-1079	Depot	M38, 75MM For. Cntr. N.M	Oct 1953	Oct 1953
RVA-1080	2-B-6	M16 Adapter Cluster, N.M	Oct 1953	Oct 1953
RVA-1081	Depot	Shell, HE, M42A1, 76MM	Nov 1953	Nov 1953
RVA-1082	Depot	Shell, TP. M55A1, 37MM	Nov 1953	Nov 1953
RVA-1086	Depot	M38 For. Cntr. F/75MM N.M	Nov 1953	Nov 1953
RVA-1089	Depot	Shot, AP-T-M77, 90MM, N.M	Nov 1953	Nov 1953
RVA-1090	Depot	Proj. AP-T, M82, 90MM N.M	Nov 1953	Nov 1953
RVA-1091	Depot	Proj. APC-T, M82, 90MM, N.M	Nov 1953	Nov 1953
RVA-1092	Depot	Shell, HE, M48, 75MM	Dec 1953	Feb 1954
RVA-1093	Depot	Shell, M48, 75MM	Dec 1953	Feb 1954
RVA-1098	Depot	Demil Shot, AP-T, M77, 90MM	Dec 1953	Dec 1953
RVA-1103	Depot	M51A5 Fuze Repack	Jan 1954	Jan 1954
RVA-1104	2-B-6	Refuze Cart. HE-T, T91, 90MM	Apr 1954	May 1954
RVA-1105	Depot	Scrapping MK2A4 Primer	Jan 1954	May 1954

Item No.	Line No.	Nomenclature	Start Date	End Date
RVA-1113	Depot	Bomb, Demo. 500# SIBIA	Apr 1954	Apr 1954
RVA-1117	2-B-21	Demil; M 19 & M14 Cart. Case	May 1954	May 1954
RVA-1127	Depot	500# G.P. Bomb, N.M	Jun 1954	Jun 1954
RVA-1130	BB-224	Renovate M53 Fbr. Cntr., 90MM	July 1954	Oct 1954
RVA-1131	Depot	Chg. Prop., M2 F/8"	Aug 1954	Sep 1954
RVA-1136	Depot	Demil Cart. Grenade Cal. 30, M6	Aug 1954	Aug 1954
RVA-1137	Depot	Recondition Shell, Smoke, WP, M105, 155MM	Oct 1954	Oct 1954
RVA-1156	Bldg 810	Recondition 155MM Shell, M107 Mtl Parts	Mar 1955	Mar 1955
RVA-1162	IW-2	Disassemble 8", M103 Mtl Prts.	Sep 1955	Nov 1955
RVA-1162C	U-10	Deband 8" HE, M103 Mt Pts Assy	Apr 1956	Aug 1956
RVA-1163	BB-223	Inspect/Rework M15 Prop. Chg., 120MM	Dec 1955	Jun 1956
RVA-1181	BB-223	Cart., HE, M71, 90MM, N.M	July 1956	July 1956
RVA-1182	Depot	Flare, Parachute, M9A1	Apr 1956	Apr 1956
RVA-1198	Bldg. 849	Demil Adapter Cluster Bomb, M6	Feb 1957	Feb 1957
<b>Miscellaneous Work</b>				
544	Depot	Booster & Repack M502 Fuze	Dec 1952	Feb 1953
716	2-B-6	Booster & Repack M61A2 Fuze	July 1952	July 1953
10628	2-B-6	Booster & Repack M500 Fuze	Jan 1953	Mar 1953
10628A	Depot	Booster M500 Fuze	Oct 1953	Oct 1953
RVA-1201	Depot	Normal Maintenance for Outshipment- Bomb, GP, 250#, AN-M 57A1	Apr 57	Apr 57
RVA-1202	Depot	Demilitarization - Fuze, MT M61 Demilitarization - Fuze, PD, M51A4	June 57 June 57	June 57 June 57
RVA-1203	Depot	Demilitarization - Primer, M38M2 Demilitarization - Fuze, PD M31A5	June 57 June 57	June 57 June 57

Ammunition Activities 1945 -1951

Operated by the Ordnance Corps.

Ammunition and components returned from overseas, camps, stations and depots. Work was performed on 158 projects.



OUTSIDE AOCs

**RVAAP  
Building List**

**Demilitarization**

Hand to  
FIND

x PAD

Item No.	Line No.	Nomenclature	Start Date	End Date	Current Notes
D900-228	20-X-3	Flare, AC, Para. AN-M26A1	Oct 1954	Nov 1954	
<b>Renovation</b>					
R900-6	1&Depot	Renovate Chg. Prop., M15 F/120MM	July 1952	July 1953	
<b>Locally Assigned Items</b>					
RVA-1017	Depot	.50 Calibre, Normal Maint.	Sep 1952	Oct 1952	Bundling Bldg. 224 Foundation remain
RVA-1019	Depot	76MM, HE, M42A1, N.M	June 1952	Nov 1952	
RVA-1046	U-10 / Depot	Recondition Fin Ass'y, AN-M106A1, F/250# Bomb	Feb 1953	Feb 1953	
RVA-1048	BB-223	Chg. Prop, M3 F/155MM N.M	June 1954	July 1954	BB 223 Foundation still remain
RVA-1077	Depot	Shell, HE, AT, M66, 75MM	Sep 1953	Sep 1953	Bldg. F16- On contract
RVA-1079	Depot	M38, 75MM For. Cntr. N.M	Oct 1953	Oct 1953	
RVA-1082	Depot	Shell, TP. M55A1, 37MM	Nov 1953	Nov 1953	
RVA-1086	Depot	M38 For. Cntr. F/75MM N.M	Nov 1953	Nov 1953	
RVA-1089	Depot	Shot, AP-T-M77, 90MM, N.M	Nov 1953	Nov 1953	Bldg. 801- Load Line 1- On contract
RVA-1091	Depot	Proj. APC-T, M82, 90MM, N.M	Nov 1953	Nov 1953	
RVA-1092	Depot	Shell, HE, M48, 75MM	Dec 1953	Feb 1954	
RVA-1093	Depot	Shell, M48, 75MM	Dec 1953	Feb 1954	
RVA-1113	Depot	Bomb, Demo. 500# SIBIA	Apr 1954	Apr 1954	

Item No.	Line No.	Nomenclature	Start Date	End Date	Location Area
RVA-1127	Depot	500# G.P. Bomb, N.M	Jun 1954	Jun 1954	
RVA-1130	BB-224	Renovate M53 Fbr. Cntr., 90MM	July 1954	Oct 1954	BB 224 Foundation remain
RVA-1131	Depot	Chg. Prop., M2 F/8"	Aug 1954	Sep 1954	
RVA-1136	Depot	Demil Cart. Grenade Cal. 30, M6	Aug 1954	Aug 1954	
RVA-1137	Depot	Recondition Shell, Smoke, WP, M105, 155MM	Oct 1954	Oct 1954	
<del>RVA-1156</del>	<del>Bldg 810</del>	<del>Recondition 155MM Shell, M107 Mtl Parts</del>	<del>Mar 1955</del>	<del>Mar 1955</del>	<del>Group 6- NG</del>
RVA-1162	IW-2	Disassemble 8", M103 Mtl Prts.	Sep 1955	Nov 1955	Bldg. F-16 Foundation remains On contract
RVA-1162C	U-10 / Depot	Deband 8" HE, M103 Mt Pts Assy	Apr 1956	Aug 1956	U-10 Depot- Foundation remains
RVA-1182	Depot	Flare, Parachute, M9A1	Apr 1956	Apr 1956	
<del>RVA-1198</del>	<del>Bldg. 849</del>	<del>Demil Adapter Cluster Bomb, M6</del>	<del>Feb 1957</del>	<del>Feb 1957</del>	<del>Group 8</del>
<b>Miscellaneous Work</b>					
544	Depot	Booster & Repack M502 Fuze	Dec 1952	Feb 1953	
10628A	Depot	Booster M500 Fuze	Oct 1953	Oct 1953	
RVA-1201	Depot	Normal Maintenance for Outshipment- Bomb, GP, 250#, AN-M 57A1	Apr 57	Apr 57	Bldg. F-16 On contract
RVA-1202	Depot	Demilitarization – Fuze, MT M61 Demilitarization – Fuze, PD, M51A4	June 57 June 57	June 57 June 57	
RVA-1203	Depot	Demilitarization – Primer, M38M2 Demilitarization – Fuze, PD M31A5	June 57 June 57	June 57 June 57	