

To: Project File (Memorandum)

Subject: Earth Covered Magazine (ECM) Inventory of Waste Military Munitions (WMM) at Fort Wingate, NM

From: Leon (Mitch) Waters, SUXOS, AECOM, FWDA Parcel 3 Closure & Corrective Action

1. The following ECMs were inspected for compliance with DESR 6055.09 Edition 1, DoDI 4140.62, DA Pam 385-64, and SOP for Storage of Waste Military Munitions under the Conditional Exemption of the Military Munitions Rule Fort Wingate Depot Activity.
2. Two-year cycle Lightning Protection & Grounding System Test was completed on 16 April 2019 by Classic Lightning Protection, Inc. A copy of the certification test is included at the end of this report.

A. ECM B-1026

The ECM door is properly sealed and indicates proper contact information with an empty sign. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

B. ECM B-1027

The ECM door is properly sealed and indicates proper contact information with an empty sign. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

C. ECM B-1028

The ECM door is properly sealed and indicates proper contact information with an empty sign. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

D. ECM B-1029

The ECM door is properly sealed and indicates proper contact information with an empty sign. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

E. ECM B-1030

The ECM door is properly sealed and indicates proper contact information with an empty sign. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

F. ECM B-1037

The ECM door is properly sealed and indicates proper contact information with an empty sign.
See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

G. ECM B-1038

The ECM door is properly locked and indicates proper contact information. All mag cards for MEC explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Explosive Inventory

Nomenclature	Quantity
20mm Projectile	124
37mm Projectile	5
40mm Projectile	42
57mm Projectile	16
60mm Projectile	26
75mm Projectile	12
81mm Projectile	4
90mm Projectile	4
105mm Projectile	5
20lb Frag Bomb	13
3.5" Warhead	7
3.5" Motor	6
M83 Bomb	4

H. ECM B-1039

The ECM door is properly locked and indicates proper contact information. All mag cards for MEC explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Booster	20
BD Fuze	34
PD Fuze	40

J. ECM B-1040

The ECM door is properly sealed and indicates proper contact information with an empty sign.
See attached photo.



Explosive Inventory

Nomenclature	Quantity
Empty	

K. ECM B-1041

The ECM door is properly locked and indicates proper contact information. All mag cards for MEC explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Explosive Inventory

Nomenclature	Quantity
105mm Illumination Projectile	2

L. ECM B-1042

The ECM door is properly locked and indicates proper contact information. All mag cards for Donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Detonation Cord	855'
Charge, Perforator	559

M. ECM B-1043

The ECM door is properly locked and indicates proper contact information. All mag cards for Donor explosives are current/correct and being stored properly; to include compatibility groups. See attached photo.



Explosive Inventory

Nomenclature	Quantity
Electric Detonators	93

N. Fire Extinguisher

Fire extinguishers located near B-1038 and B-1043 are fully charged. Inspection tags are up to date as of February 2021.

O. Security Fence

The 5-foot firebreak inside and out of surrounding security is satisfactory. All gates are properly secured. See attached photos.



East Exterior

Outside perimeter of the fence looking north.



East Interior

Inside perimeter of the fence looking north.



South Interior

Inside perimeter of the fence looking west.



South Exterior

Outside perimeter of the fence looking west.



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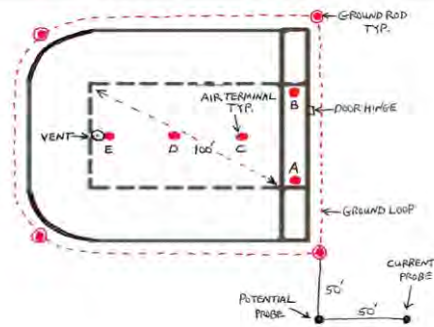


LIGHTNING PROTECTION SYSTEM TEST RESULTS 4/16/2019
Facility: Ft. Wingate Depot - Gallup, NM - 12 ECM's. 500' test leads with AEMC 4630.

UNIT #	Errors	F.O.P.	Earth to A	A to B	A to C	A to D	A to E	Hinge	
B1026	None	1.10	.01	.01	.01	.01	.01	.01	
B1027	"	1.12	.01	.01	.01	.01	.01	.01	
B1028	"	2.15	.01	.01	.01	.01	.01	.01	
B1029	"	2.23	.01	.01	.01	.01	.01	.01	
B1030	"	2.26	.01	.01	.01	.01	.01	.01	
B1037	"	1.27	.01	.01	.01	.01	.01	.01	
B1038	"	1.53	.01	.01	.03	.01	.01	.10	
B1039	"	1.15	.01	.01	.01	.01	.01	.01	
B1040	"	1.47	.86	.84	.84	.85	.80	.80	
B1041	"	1.46	.01	.01	.01	.01	.01	.66	
B1042	"	1.69	.01	.01	.01	.01	.01	.01	
B1043	"	1.60	.23	.22	.23	.21	.24	.30	
		25 ohms & under ok	1.0 ohms & under in these categories ok						

Thank you,

Kevin W. Morris, CMID, Principal
LPI Certified Master Installer/Designer #1414



3. The above ECM inventory and inspection was conducted by Leon Waters (AECOM SUXOS) Randy Burrington (AECOM UXOQC) and Scott Leatherberry (AECOM Tech III Demo Supervisor) on 11 February 2021.



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