

**BY ORDER OF THE COMMANDER
SEVENTH AIR FORCE**

**DEPARTMENT OF THE AIR FORCE
MANUAL 21-201**



**SEVENTH AIR FORCE
Supplement
25 MAY 2023**

Maintenance

MUNITIONS MANAGEMENT

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: This publication is available for downloading or ordering on the e-Publishing website at www.e-Publishing.af.mil

RELEASABILITY: There are no releasability restrictions on this publication

OPR: 7 AF/A4W

Certified by: 7 AF/A4
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Supersedes: AFMAN21-201_7 AFSUP, 30 January 2020

Pages: 12

DAFMAN 21-201, *Munitions Management*, 3 May 2022 is supplemented as follows: It provides specific procedures that are unique to 7th Air Force munitions activities and munitions-using organizations. It applies to all personnel assigned or attached to 7 AF and its associated units. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, Records Management and Information Governance Program, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the OPR using the DAF Form 847, Recommendation for Change of Publication; route DAF Forms 847 from the field through the appropriate functional chain of command.

SUMMARY OF CHANGES

This publication has been substantially revised and needs to be completely reviewed. Major changes include guidance and procedure changes throughout the entire publication to better align with the *Memorandum of Understanding International Between the United States Air Force and the Republic of Korea Air Force Concerning Storage of United States Air Force Munitions in the Republic of Korea Air Force Munitions Facilities*. It also includes changes to orientation and

responsibility briefing timelines, redefines key responsibilities of 7 AF associated units, and removes verbiage outlining 607 MMS's stockpile inventory frequency.

Chapter 16 (Added)

7 AF DESTRUCTION OF US TITLED CONVENTIONAL MUNITIONS AND COMPONENTS

16.1. (Added) General. This section provides guidance for denying the use of United States (US) titled conventional munitions and components to unauthorized persons. Procedures prescribed in this section are designed for units possessing US titled conventional munitions and components.

16.2. (Added) Responsibilities. The decision for destruction of US titled conventional munitions and components will be made by the appropriate responsible individual as specified.

16.2.1. **(Added)** If normal command, control and communications exist, destruction will be executed only by direction of Pacific Air Forces Commander.

16.2.2. **(Added)** In the event of loss of communication or where circumstances do not permit sufficient time to request or receive authority through normal command and control channels, authority to execute emergency destruction will be delegated to the senior United States military incident commander.

16.3. (Added) Objectives.

16.3.1. **(Added)** The objective is to deny the use of US titled conventional munitions and components to enemy forces by destruction. Destruction may be accomplished by using demolition procedures outlined in T.O. 11A-1-42, *General Instructions Emergency Destruction of Munitions*, demilitarization, or any other means which renders the items completely unusable.

16.3.2. **(Added)** Priority order of destruction.

16.3.2.1. **(Added)** Classified munitions and components.

16.3.2.2. **(Added)** Air base ground defense munitions.

16.3.2.3. **(Added)** All other munitions.

16.3.3. **(Added)** A time standard for destruction is not specified. However, to accomplish the primary objective of denial of US assets from hostile forces, destruction must be accomplished in an expeditious manner.

16.4. (Added) Methods of Denial. Destruction will be used when loss or compromise cannot be prevented.

16.4.1. **(Added)** Specific methods of destruction are intentionally left to the resources and discretion of local commanders who are best able to assess their situation.

16.4.2. **(Added)** Advance preparation for destruction may be accomplished provided compatibility criteria (DESR6055.09_AFMAN 91-201, *Explosives Safety Standards*) are not violated to allow destruction in the minimum amount of time. To avoid the likelihood of inadvertent or unauthorized destruction, preassembled initiating systems should not be installed until the local commander (or higher authority) determines local threat conditions are imminent. Connection of power sources or fuze igniters to initiating systems should be made only upon receipt of a valid destruction order.

16.5. (Added) Denial Plan. 51 MUNS, 8 MXS, and 607 MMS (including Kunsan and Osan Munitions Activities Gained by Negotiations between USAF/ROKAF Memorandum of Understanding (MAGNUMs)) will develop a plan to deny the use of US titled conventional munitions and components. 607 MMS is responsible for maintaining a copy of denial plans for each MAGNUM under their control and ensure all required emergency destruct munitions are requisitioned. PACAF units deploying to the Republic of Korea will train based on their deployment location and not their home base storage area. Munitions units with mobility taskings deploying to Korean bases should be familiar with emergency destruction of munitions of classified conventional munitions, classified test equipment, unclassified munitions, classified technical orders, and files based on their deployment location. To ensure system reliability, a qualified Explosive Ordnance Disposal (EOD) technician should participate in the development of the denial plan. The plan may be a unit/wing directive or annex to a Base Support Plan (BSP) and must be approved by the squadron commander or higher authority. The final plan will be forwarded to the incoming munitions units via SIPRNET and may be filed as an attachment in the BSP, Part II, Chapter 25. Additionally:

16.5.1. **(Added)** Unit commanders will ensure denial plans are published and contain specific methods of destruction.

16.5.2. **(Added)** The plan will be coordinated through appropriate base agencies (e.g., EOD, Safety, Air Base Operations, Fire Department, Security Forces, Command Post) to ensure it provides the safest and most feasible method of destruction. An annual review will be accomplished and documented to ensure priorities are current in accordance with local threat assessments, assets on-hand, and applicable directives. A copy of the unit plan for 51 MUNS, 8 MXS, and 607 MMS will be forwarded to 7 AF/A4W Munitions Division.

16.6. (Added) Exercise and Training Requirements. Denial of conventional munitions components by destruction is a last resort. Destruction training and exercises of denial plans will be conducted to provide proficiency training for personnel. Unit training methods will ensure personnel are familiar with the plan for destruction of munitions and are proficient in respective tasks. Live initiating components (time fuse, detonation cord, igniter, caps, etc.) will NOT be used during practices or exercises. Training items must be procured or locally fabricated to ensure as realistic training as possible. Training will include familiarization with demolition materials including hands on for using detonating cord, time fuses, blasting caps, or shape charges as applicable. Use of inert items is mandatory and advisement from wing EOD units is highly encouraged. Those units with more than one storage area requiring denial may alternate proficiency training and exercises between areas. MAGNUMs will also require a destruction plan; however, training for MAGNUM Quality Assurance Evaluators (QAEs) will be scheduled and conducted at Co-located Operating Bases (COBs). Training or exercise intervals will be determined by the Munitions' Senior Enlisted Leader/Flight Chief; however, training intervals will not exceed 12 months. Personnel assigned or deployed to short tour locations will be trained within 60 days of arrival. Exercising the destruction of munitions and components during inspections will be limited to the availability of training assets and will be tailored to the unit's proficiency training capabilities.

16.6.1. **(Added)** Unit commanders are responsible for designating personnel, sections or work centers within the squadron or flight for destruction of munitions. Ensure personnel receive and document training (AF Form 797, *Job Qualification Standard Continuation/Command JQS*, myTraining, or equivalent system) and denial plans are executed.

16.6.2. **(Added)** The 607 MMS emergency destruction of munitions training/plans will be provided to deploying units when significant changes occur or upon request from deploying units.

Chapter 17 (Added)

7 AF MAGNUM AND BASE OPERATIONS

17.1. (Added) General. MAGNUMs store US titled munitions in ROKAF facilities. USAF personnel provide technical assistance, surveillance and evaluation of ROKAF management and maintenance actions in accordance with the MAGNUM Memorandum of Understanding International (MOUI). The primary purpose of the MAGNUMs is to ensure accountability and serviceability of the US titled munitions to ensure readiness for war plan taskings. The Kunsan and Osan MAGNUMs will be managed and controlled by their respective Wings through 7 AF/A4. This is the only section pertaining to the management of the MAGNUMs and for the evaluation of ROKAF MAGNUM management.

17.2. (Added) 7 AF/A4W Munitions Division Responsibilities. The 7 AF/A4W Munitions Division will:

17.2.1. **(Added)** Serve as the focal point for all issues affecting munitions war fighting capabilities within the Korean Peninsula; to include tracking and developing solutions to limitations and shortfalls identified through the BSP, Defense Readiness Reporting System (DRRS) and Deliberate and Crisis Action Planning and Execution System (DCAPES) reporting.

17.2.1.1. **(Added)** Send CMRS status notifications to HQ PACAF/A4MWC organizational box pacaf.a4mwc@us.af.mil upon receipt of a CMRS notification that adversely affects the stockpile supporting OPLANs/contingencies below WRM requirements.

17.2.2. **(Added)** Monitor and ensure the ROKAF facilities at each location where US titled munitions are stored support the contingency or wartime mission.

17.2.3. **(Added)** Provide functional expertise and payment invoicing to the USAF Executive Agent (HQ USFK/FKJ4-AM) on matters affecting the terms and conditions of the MAGNUM MOUI.

17.2.4. **(Added)** Provide orientation and responsibilities briefing to 607 MMS/LGW, 51 MUNS/MXW and 8 MXS/MXMW within 60 days of arrival.

17.2.5. **(Added)** Assist Senior Quality Assurance Evaluator (SQAEs) and MASOs with Co-located Operating Base (COB) MAGNUM contingency and OPLAN requirements to include Base Support, Munitions Employment and Denial Planning and the creation of OPLAN outload and receipt schedules.

17.2.6. **(Added)** Establish and provide policy guidance to 607 MMS/LGW on all munitions related issues concerning MAGNUM operations.

17.2.7. **(Added)** Determine the optimum location to unload ISO containers with munitions assets designated for multiple consignees in coordination with 607 MMS/LGW, 51 MUNS and 8 MXS/MXMW. It is the consignee's responsibility to provide escorts from the temporary unload location to their final destination.

17.2.8. **(Added)** Notify 607 MMS Munitions Flight Chief of any planned ROK facility construction or modification.

17.2.9. **(Added)** Serve as the focal point for stockpile management within the Korean Peninsula; to include approving/disapproving out of cycle request, system authorization access request, serviceable excess request, and vessel operations and requirements.

17.2.9.1. **(Added)** Consolidate call forward and retrograde requirements; to include forwarding retrograde listings to PACAF HQ/A4MW and coordinating surface movements to meet vessel port dates for on/off-loading munition assets.

17.2.10. **(Added)** Be responsible for WRM levels of CAT Code G and X allocations within the Korean Peninsula.

17.3. (Added) 607 ASOG. The 607 ASOG will:

17.3.1. **(Added)** Fulfill the role of Wing and Maintenance Group Commander for all munitions requirements as defined in DAFMAN 21-201, AFMAN 21-200, *Munitions and Missile Maintenance Management*, and DAFI 21-101, *Aircraft and Equipment Maintenance Management*.

17.3.2. **(Added)** Serve as Munitions Accountable Systems Officer Appointment Authority in accordance with DAFMAN 21-201.

17.4. (Added) 607 MMS/Commander Responsibilities. The 607 MMS/CC will:

17.4.1. **(Added)** Immediately report all limiting factors (LIMFACs) and shortfalls affecting munitions war fighting capabilities within the Korean Peninsula to the 7 AF/A4W Munitions Division. Ensure all LIMFACs and shortfalls are tracked utilizing BSP, DRRS and/or DCAPES.

17.4.2. **(Added)** Ensure MAGNUM personnel are available for standard ROKAF duty days.

17.4.3. **(Added)** Limit the additional duties/TDYs for all personnel assigned to MSAs covered by MOUI to matters directly related to their MAGNUM storage operations.

17.4.4. **(Added)** Approve PEC 28030 budget inputs and forward to HQ PACAF/A4MW no later than the second quarter of the fiscal year. Unfunded budget requests will be submitted in accordance with HQ PACAF/A4MW direction. Coordinate budget inputs with 7 AF/A4W Munitions War Reserve Materiel (WRM) commodity manager prior to submitting to HQ PACAF.

17.4.5. **(Added)** Ensure that Ready Munitions Storage Areas (RMSA) have connectivity to NIPRNET, SIPRNET, and Secure Voice capability. MAGNUMs should have NIPRNET and DSN capabilities.

17.4.6. **(Added)** Ensure that a monthly MAGNUM status report is submitted to 7 AF/A4W Munitions Division NLT the 10th of each month. The report will reflect the short tonnages of the stockpiles on the last duty day of each month for the purpose of verifying ROKAF invoice for payment. The report will be signed by the SQAE and respective ROKAF Officer In-Charge (OIC).

17.5. (Added) 607 MMS/LGW Responsibilities. The 607 MMS/LGW will:

17.5.1. **(Added)** Accomplish and document Management Internal Control Toolset (MICT) checklists at least annually for each MAGNUM.

17.5.2. **(Added)** Report war fighting capability LIMFACs and shortfalls to 607 MMS/CC immediately and track limitations until resolved.

17.5.3. **(Added)** Ensure QAEs understand the MAGNUM concept and how to evaluate ROKAF management of the storage site.

17.5.4. **(Added)** Establish an in-progress inspection (IPI) task listing and forward it to the 607 ASOG/CC for approval. The listing will include work unit code, nomenclature and the step within the task that requires the IPI.

17.5.5. **(Added)** Submit special certification rosters to 607 MMS Director of Operations for approval. The listing will include names, skill levels, and type of certifications authorized. A copy of the special certification roster will be available in the work center.

17.5.6. **(Added)** Coordinate with 7 AF/A4W Munitions Division on the development of the base denial plans. Detailed emergency destruction of munitions drawing supporting allocations will be developed based on the 5-year forecast.

17.5.7. **(Added)** Send CMRS status notifications to 7 AF/A4W Munitions Division organizational box 7AF.A4W.Munitions@us.af.mil upon receipt of a CMRS notification that adversely affects the stockpile.

17.5.8. **(Added)** Provide functional expertise on matters affecting the terms and conditions of the MAGNUM MOUI.

17.5.9. **(Added)** Appoint munitions QAE inspectors in writing.

17.6. (Added) The 8th Maintenance Squadron Munitions Flight and 51st Munitions Squadron Supervision Responsibilities. The munitions flight/squadron is responsible to the appropriate wing commander for management of MAGNUMs. The munitions flight/squadron will:

17.6.1. **(Added)** Appoint munitions QAE inspectors in writing.

17.6.2. **(Added)** Review plans and ensure MAGNUM SQAE understand the MAGNUM concept and how to evaluate ROKAF management of the storage site. Base support and denial plans for Osan and Kunsan are under the purview of the 51 FW and 8 FW respectively. 8 MXS and 51 MUNS MAGNUMs will consolidate denial plans within their respective main base plans.

17.6.3. **(Added)** Provide functional expertise on matters affecting the terms and conditions of the MAGNUM MOUI.

17.6.4. **(Added)** Ensure an IPI list is provided to the MAGNUMs ROKAF supervision.

17.6.5. **(Added)** Send CMRS status notifications to 7 AF/A4W Munitions Division organizational box 7AF.A4W.Munitions@us.af.mil upon receipt of a CMRS notification that adversely affects the stockpile.

17.6.6. **(Added)** Ensure that a monthly MAGNUM status report is submitted to 7 AF/A4W Munitions Division NLT the 10th of each month. The report will reflect the short tonnages of the stockpiles on the last duty day of each month for the purpose of verifying ROKAF invoice for payment. The report will be signed by the SQAE and respective ROKAF OIC.

17.7. (Added) 607 MMS SQAE Responsibilities. The MAGNUM SQAE will:

17.7.1. **(Added)** Participate in BSP development.

17.7.1.1. **(Added)** Brief ROKAF on aspects of the BSP requiring their support. Details will be sanitized (i.e., put in unclassified and releasable form), translated, and coordinated with 7 AF/A4W Munitions Division and appropriate ROKAF organizations. The medium used to transmit the information (i.e., checklist, flow plan, letter) to the ROKAF will be determined by the SQAE. LIMFACs, shortfalls, and constraints must be identified to 7 AF/A4W Munitions Division and these items will not be released to the ROKAF.

17.7.2. **(Added)** Review locally manufactured equipment requests.

17.7.3. **(Added)** Ensure a monthly maintenance schedule is published by the ROKAF. ROKAF inputs will be added to quarterly munitions maintenance and inspection forecast. MAGNUM specific quarterly maintenance forecasts will be distributed to the ROKAF as required.

17.7.4. **(Added)** Establish a MAGNUM specific quality assurance program to ensure effective surveillance and evaluation of ROKAF management and maintenance actions. The SQAE will 21200 take into consideration the training, language, and relationship with the ROKAF counterparts when conducting, rating, and documenting evaluations.

17.7.5. **(Added)** Ensure AF Form 4331, *Munitions Transaction Sheet*, is delivered to USAF personnel by ROKAF the same day that the physical move was performed. USAF personnel will update the applicable maintenance information system.

17.7.6. **(Added)** Ensure that an annual serviceability inspection of MAGNUM/RMSA facilities and areas and/or function checks (i.e., communications, fire extinguishers, running water, flushing commodes, heating, ventilation, and air conditioning etc.) is conducted. Document the inspection on the AF Form 2419, *Routing and Review of Quality Control Reports*, used for joint area inspections. Submit AF Form 332, *Base Civil Engineer Work Request*, to the Civil Engineer Squadron for repair of any discrepancies that exist in the RMSA. Coordinate repairs for MAGNUM facilities through ROKAF counterparts.

17.7.7. **(Added)** Review current and historical static ground and lightning protection inspection documentation.

17.8. (Added) 607 MMS QAE Responsibilities. The 607 MMS QAE will:

17.8.1. **(Added)** Be responsible for monitoring and enforcing the terms contained in the MOUI.

17.8.2. **(Added)** Monitor explosive and ground safety programs for ROKAF compliance with USAF standards. Inform the ROKAF of the explosive safety hazards involved with the storage of USAF munitions.

17.8.3. **(Added)** Ensure ROKAF personnel conduct and document explosive safety and maintenance training.

17.8.4. **(Added)** Develop bilingual local Operating Instructions (OI), with assistance of 607 MMS Korean translators to maintain munitions in a safe and reliable manner. The ROKAF OIC and the SQAE will sign OIs. OIs addressing explosive operations must be coordinated through 7 AF/A4W, 607 ASOG/SEW, and ROKAF Squadron Commander.

17.8.5. **(Added)** Ensure ROKAF personnel assigned inspector duties are properly trained and qualified to perform inspections prior to certifying inspection documents. ROKAF munitions inspectors are designated in writing by the ROKAF OIC and the USAF Munitions Supervision.

17.8.6. **(Added)** Ensure ROKAF personnel perform static ground and lightning protection inspections in accordance with DESR6055.09_AFMAN 91-201 and AFMAN 32-1065, *Grounding & Electrical Systems*, and document these inspections.

17.9. (Added) 607 MMS Munitions Accountable Systems Officer Responsibilities. In addition to the responsibilities defined in DAFMAN 21-201, the Munitions Accountable Systems Officer will:

17.9.1. **(Added)** Transfer accounts to incoming units during war, contingencies, and emergency operations.

17.10. (Added) MAGNUM Program Management.

17.10.1. **(Added)** USAF Munitions Supervision and ROKAF OIC will appoint ROKAF inspectors. ROKAF inspectors will have a minimum of two years' hands-on munitions experience prior to appointment. This experience can be obtained in MAGNUM's and/or ROKAF MSA. US Senior Munitions Inspector will certify/recertify ROKAF Senior Munitions Inspector and in turn the ROKAF Senior Munitions Inspector will certify/recertify all remaining ROKAF inspectors.

17.10.2. **(Added)** When assets are placed in unserviceable condition codes that drop quantities below operational or WRM requirements, items will be reported to 7 AF/A4W Munitions Division for possible redistribution.

17.10.3. **(Added)** Air Force Munitions Command and Control Management.:

17.10.3.1. **(Added)** Each MAGNUM location will have a skeleton template built within Air Force Munitions Command and Control for contingency requirements.

17.11. (Added) Munitions Movements. Classified munitions and Category I and II munitions must have an armed escort. Escorts are provided by the shipping activity in accordance with USFKR 55-37, *Korea Traffic Management*. **NOTE:** in accordance with Single Ammunition Logistics System-Korea, the Republic of Korea Army will escort munitions from the seaport to shipping destination except classified munitions and Category I and II which must be escorted by the USAF gaining organization). Notify losing/gaining commanders and 7 AF/A4W Munitions Division when shipments arrive or depart the installation. Additionally, inbound air shipments arriving that require transportation to another installation on the Korean Peninsula will be escorted by the receiving unit (consignee).

SCOTT L. PLEUS,
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Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 33-322, *Records Management and Information Governance Program*, 28 July 2021
AFMAN 21-200, *Munitions and Missile Maintenance Management*, 9 August 2018
AFMAN 32-1065, *Grounding & Electrical Systems*, 17 July 2020
DAFMAN 21-201, *Munitions Management*, 3 May 2022
DAFI 21-101, *Aircraft and Equipment Maintenance Management*, 16 January 2020
DESR6055.09_AFMAN 91-201, *Explosives Safety Standards*, 28 May 2020
T.O. 11A-1-42, *General Instructions Emergency Destruction of Munitions*, 11 April 2022
USFKR 55-37, *Korea Traffic Management*, 12 August 2013

Adopted Forms

AF Form 332, *Base Civil Engineer Work Request*
AF Form 797, *Job Qualification Standard Continuation/Command JQS*
AF Form 2419, *Routing and Review of Quality Control Reports*
AF Form 4331, *Munitions Transaction Sheet*
DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

BSP—Base Support Plan
COB—Co-located Operating Base
DCAPES—Deliberate and Crisis Action Planning and Execution System
DRRS—Defense Readiness Reporting System
EOD—Explosive Ordnance Disposal
IPI—In Progress Inspection
LIMFACs—limiting Factors
MAGNUM—Munitions Activities Gained by Negotiations between USAF/ROKAF Memorandum of Understanding
MASO—Munitions Accountable Systems Officer
MICT—Management Internal Control Toolset
MOUI—Memorandum of Understanding International
OIC—Officer In-Charge
QA—Quality Assurance

QAEs—Quality Assurance Evaluator

RMSA—Ready Munitions Storage Areas

ROKAF—Republic of Korea Air Force

SQAEs—Senior Quality Assurance Evaluator

T.O.— Technical Order

US—United States

WRM—War Reserve Materiel