

**BY ORDER OF THE COMMANDER
PACIFIC AIR FORCES**

AIR FORCE INSTRUCTION 21-201

**PACIFIC AIR FORCES COMMAND
Supplement 1**

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Maintenance

**MANAGEMENT AND MAINTENANCE
NONNUCLEAR MUNITIONS**



COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements the provisions of AFD 21-2, *NonNuclear and Nuclear Munitions*. It applies to all munitions organizations assigned to Pacific Air Forces. It establishes Munitions Flight organizational structure; and provides inspection, storage, and maintenance procedures for non-nuclear munitions and associated support equipment. This does not apply to US Air Force Reserve or Air National Guard units.

SUMMARY OF REVISIONS

This publication supplements requirements of AFI 21-201, *Management and Maintenance of Non-Nuclear Munitions*. This supplement has been extensively rewritten; therefore, revision asterisks have been omitted.

AFI 21-201, 1 December 2000, is supplemented as follows:

1.3. (Added) 18th Munitions Squadron. In addition to the responsibilities listed elsewhere in this AFI, the 18th Munitions Squadron is also responsible for operating and maintaining a WRM munitions storage area for PACAF units; receiving, storing, and shipping conventional munitions as directed by HQ PACAF in support of all command commitments.

1.3.1. (Added) Organization. The 18th MUNS is organized IAW AFI 38-101 as depicted in **Figure 1.3. (Added)** and **Figure 1.3.1. (Added)**. The 18th MUNS will operate as an Independent Munitions Maintenance Unit (IMMU).

1.3.1.1. (Added) The commander will: Provide munitions support to the 18 WG, PACAF and other forces as outlined in current plans, directives and agreements. The following makes up the Commander's staff: Commander's Secretary, Section Commander, First Sergeant, Quality Assurance/Safety and the PACAF Seminar.

1.3.1.2. (Added) Maintenance Supervision. Is responsible for technical supervision and maintenance production. Translates broad management objectives into specific guidance for the flight chiefs and coordinates the maintenance effort with the commander and flight chiefs. Also manages resources needed to accomplish the overall workload by monitoring the work force availability to ensure that work shift scheduling is tailored to provide maximum capability. Reviews maintenance plans and ensures flight chiefs understand and have the capability to accomplish their portion of the plans. Develops and executes all wartime and contingency plans involving the squadron when directed by appropriate command authority. Responsible for performing inspections of maintenance activities, equipment, and facilities. Performs personnel evaluations, and deficiency and production analysis. Responsible for managing the materiel deficiency and technical order improvement reporting program. Manages the central technical order file. Monitors currency and applicability of technical data (including TCTOs). Provides assistance, advice and authoritative reference to the squadron commander, chief of maintenance, and other supervisors.

Figure 1.3. (Added) 18th Munitions Squadron Organizational Chart.

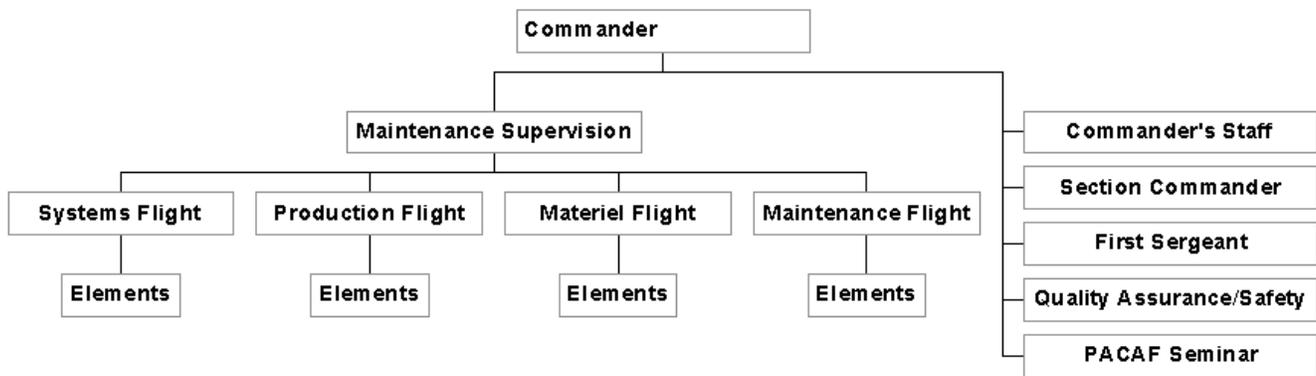


Figure 1.3.1. (Added) 18th Munitions Squadron Element Alignment Matrix.

Element	Production	Materiel	Systems	Maintenance
PGM Maintenance	X			
Conventional Maintenance				X
Equipment Maintenance	X			
Flightline Support	X			
Inspection		X		
Storage		X		
Operations		X		
Control			X	
CAS-B			X	
Combat Plans/Mobility			X	
Training			X	
Plans & Scheduling			X	

Element	Production	Materiel	Systems	Maintenance
Resources			X	
TARRP		X		X
Materiel Support		X		
Bomb Renovation				X
Fabrication				X

1.3.1.2.1. (Added) Technical Administration. Provides internal and external suspense management for Maintenance Supervision. Provides administrative support to those activities which are not directly managed by the four major flights (Systems, Material, Production, and Maintenance). Maintains the maintenance supervision file plan to include routine correspondence, reports, support agreements, plans, and messages. Prepares and processes outgoing and incoming maintenance correspondence and reports (include internal distribution). Maintains a master file of unit developed directives. Processes, and distributes classified correspondence. Manages the publications and forms program: establishes requirements, submits requisitions, and distributes publications and forms for the unit. Manages the records management program: ensures records and file plans are maintained IAW applicable guidelines. Prepares the unit recall roster.

1.3.1.2.2. (Added) Systems Flight. Plans, schedules, controls, and directs all munitions activities. Administers CAS systems, manages squadron resources, mobility and training programs. Responsible for overall management of activities in munitions control, plans and scheduling, vehicle management, munitions operations, and CAS-B sections.

1.3.1.2.2.1. (Added) Training Element. Is responsible for scheduling, monitoring and conducting (except production certifications and EOD requirements) training for the squadron, to include civilian personnel, qualification training (Air Force 40-series directives) and both elements of OJT (upgrade and qualification training). Also administers military training and the unit portion of the Weighted Airman Promotion System. Assists supervisors in identifying, scheduling and documenting training requirements. Ensures personnel are qualified to perform assigned duties and that a balance of skills are maintained within the squadron. Coordinates training provided by other activities such as field training detachments, mobile training teams, factory schools and Air Force technical schools.

1.3.1.2.2.2. (Added) Mobility Element. Is responsible for planning, identifying resources, developing procedures and ensuring the readiness necessary for the 18th MUNS to respond to mobility requirements of wartime, contingency, and exercise plans.

1.3.1.2.2.3. (Added) Resources Element. Serves as the focal point within the squadron for all aspects of the management of resources to include funds, facilities, vehicles and security. Monitors entire storage area concerning encroachment by local national farmers. **NOTE:** The 18th MUNS is responsible for budgeting for supplies and equipment required to maintain the PACAF Inspection Seminar.

1.3.1.2.2.4. (Added) Munitions Control Element. Assumes applicable responsibilities as stated in this instruction. 18 WG and 18th MUNS will coordinate on those activities relating only to 18 WG aircraft munitions delivery and pickup. Weekly and monthly maintenance scheduling meetings will be conducted. These meetings will be chaired by the chief of maintenance or the 18th MUNS scheduling function.

1.3.1.2.3. (Added) Materiel Flight. Is responsible for the overall management of the munitions storage complex. Ensures all assets are stored using sound warehousing techniques and IAW all applicable technical directives. Is responsible for the movement of munitions from storage structures to support maintenance and inspection shops. Responsible for the overall management of TARRP and WRM outload programs. Responsible for the continuous surveillance and inspection of munitions and assigned ISO containers to determine serviceability. Is responsible for overall management of inspection activities.

1.3.1.2.3.1. (Added) Munitions Operations Element. Is responsible for overall management for accountability of all assigned munitions. Is the central point of contact for customer support (custody and consumption accounts). Maintains document files and audit trails for accountable transactions. Works with planning functions and assists in preparation of OPlan outload and receipt schedules and documentation. Munitions Operations will establish and maintain a backup capability to operate without computer support.

1.3.1.2.4. (Added) Maintenance Flight. Responsible for providing organizational and intermediate levels of maintenance and disposal capabilities of assigned munitions items. Maintains liaison between military managers and supervisors and local national civilian employees. Is responsible for overall management of conventional maintenance, munitions renovation, box/metal fabrication, and ISO-container management (USAF-owned containers only).

1.3.1.2.4.1. (Added) Fabrication Element. Due to the unique capabilities (weld shop, carpenter shop, age shop) within the 18th MUNS repair of assigned equipment can be accomplished internally. These items consist of MMHE used to transport munitions to and from the flight line and missile checkout sets.

1.3.1.2.5. (Added) Production Flight. Responsible for on-equipment and off-equipment maintenance, receipt, storage and delivery of munitions items listed on the latest 18 WG UCML. Ensures repairable parts are processed IAW AFM 67-1/AFMAN 23-110. Performs scheduled and unscheduled maintenance when directed by TCTOs on munitions and like items.

2.2.6.1. (Added) Air training missiles mirror the parent tactical missile to the maximum extent practical (wings, fins, canards, arming keys, and safing gear installed). When valid logistics constraints exist, training missiles may be flown in authorized partial configurations only as necessary to meet pilot training requirements. Units will notify HQ PACAF/LGW for deviations whenever such constraints exist. Removal of "T Handles" from AIM-9 CATM's is at wing commanders discretion. This policy must be standardized across the wing (all or none).

2.2.10. PACAF/LGW will perform a Munitions Activities Standardization Program (MASP) visit on long tour locations every other year and short tour locations annually. See **Chapter 38 (Added)** for specifics of this program.

2.2.18. PACAF has established a Tactical Airmunitions Rapid Response Package (TARRP) program. See **Chapter 41 (Added)** for specifics.

2.2.29. See **Chapter 42 (Added)** for EDM requirements.

2.8.4. Personnel appointed as the MASO will be the Munitions Flight Chief, the Materiel Section Superintendent, the senior QAE for the MAGNUM, or the senior 2W0XX at Det 1 613 ASUS Diego Garcia, IO regardless of AFSC, grade or experience.

2.8.14. (Added) 18th MUNS Commander will:

- 2.8.14.1. (Added) Operate facilities to renovate munitions and related components in order to retain or restore items to a serviceable condition.
- 2.8.14.2. (Added) Provide direct support to the PACAF Inspection Seminar, such as funding (except TDY), equipment, vehicles, and manning.
- 2.9.1.4.1. (Added) Ensure qualified individuals are appointed IAW T.O. 11A-1-60 for empty container and munitions residue certification.
- 2.9.1.11.3. (Added) Torque requirements for assembled munitions during local and higher headquarters exercises/inspections is 50-percent of that prescribed in the applicable technical order. EXCEPTION: Inert and tactical AIM- and AGM-series missiles.
- 2.9.1.11.3.1. (Added) The installation of o-rings on retainer bolts may be omitted to avoid damage that would preclude future use.
- 2.9.1.11.3.2. (Added) Munitions assembled at 50-percent torque specification will be conspicuously marked "FOR TRAINING USE ONLY - DO NOT FLY" before leaving the MSA.
- 2.9.1.11.3.3. (Added) Munitions assembled at 50-percent torque specification will be disassembled immediately following the exercise/inspection.
- 2.9.1.12. Refer to **Chapter 42 (Added)** (PACAF) for MAJCOM guidance on EDM.
- 2.9.1.13. Maintenance limited to USAF-owned containers not DoD or commercial containers.
- 2.9.1.16.2. Report any shortfall in the Status of Resource and Training Systems (SORTS) that effects unit O-Plan tasking. Include shortfalls for WRM outload in addition to UTC driven taskings.
- 2.9.1.16.4. All 2W0 personnel working outside the MSA will be recalled during exercises and contingencies to ensure adequate manning is available to meet taskings.
- 2.9.1.29. This report is combined with the 9901 report.
- 2.9.3.4.4.2. Transporting as used in this paragraph is interpreted as moving assets beyond the immediate work area. Loading or rewarehousing operations within the same facility or area of operation is not considered a transport operation. It is considered a handling operation.
- 2.9.3.16.1. (Added) As a minimum, local procedures will include:
- 2.9.3.16.1.1. (Added) Inventory and reconciliation procedures.
- 2.9.3.16.1.2. (Added) Expenditure/issue document flow and timing requirements to include flight hours of precision guided munitions.
- 2.9.3.16.1.3. (Added) Responsibilities of the Munitions Flight, Weapons Flight(s), custody account custodians and the MASO.
- 2.9.3.16.1.4. (Added) Procedures for accountability and control of munitions loaded in/on aircraft.
- 2.9.3.16.1.5. (Added) Procedures for the return of munitions accessories (e.g., BDU-33 safety blocks, remove before flight tags, etc.) from the flightline to the applicable element.
- 2.9.3.22.1. Each flight will develop a list of maintenance tasks requiring an IPI. The IPI list will include work unit code, nomenclature, and step number within the technical order task where the IPI will take place.

- 2.9.3.26. (Added) Ensure semi-annual self-assessment is accomplished using the Command and any locally developed Mission Performance Checklists (MPC). This may be performed all at once or incrementally, as long as the entire MPC is completed every six months.
- 2.9.3.27. (Added) Ensure effective munitions residue and empty container programs are established and adhered to.
- 2.10.4.1. (Added) Includes letters appointing non-technical inspectors for “paperwork only transactions.”
- 2.10.6.1. (Added) This review is a self-assessment of all operations activities. Review will be documented on an MFR, signed by the MASO and Flight Chief and filed for 12 months.
- 2.10.6.2. (Added) Newly appointed MASOs will complete this review within 30 days of assumption of duties.
- 2.10.6.3. (Added) MAGNUM accounts will provide 607ASUS/LGW a copy of this review. The semianual requirement is waived for FV5226 (Ye Chon), FV5227 (Won Ju), FV5228 (**Jung Won**), and FV5219/FV5231 (Sachon).
- 2.10.7.1. (Added) Form letters may be used to brief commander/certifying officials. Letters will be signed and returned to the MASO for filing in the custody account folders.
- 2.10.8.1. (Added) Units may use this Operating Instruction as their Customer Guide as long as it meets all requirements for a Munitions Customer Guide.
- 2.10.8.2. (Added) MAGNUM accounts may use the host base guide rather than publish their own.
- 2.10.13.1. (Added) This notification will be documented. Documentation should include person notified, date and time of notification.
- 2.12.32.1. (Added) Reviews all element technical improvement reports (AFTO Form 22) prior to submission to the Flight Chief.
- 2.12.33.4. IPIs will be documented on manual or automated AFTO Form 95, AFTO 244 or assembly build sheets. IPIs for assets managed by TMRS will documented in TMRS.
- 2.12.34. Conventional live munitions and missiles are not considered critical loads.
- 2.12.34.1. This documentation should accompany the lifting device throughout its life cycle. Any lifting device received without this data will have a proof test accomplished and documented IAW AFOSH 91-46.
- 2.12.34.3. If factory specifications are unknown, the hooks will have an inspection accomplished, as outlined in AFOSH 91-46, for the base-line specifications. The base-line data will be contained in the lifting device’s historical documentation.
- 2.12.39. (Added) AFTO 244s will be maintained with all major MMHE items (racks, stands, adapters, etc) and all munitions support and test equipment. Form pouches or booklets may be used to ensure this form remains serviceable. Attached to equipment is the preferred method. If this isn’t feasible, equipment forms may be kept in a binder within the immediate work center.
- 3.1. Tactical air-to-air missiles will be managed IAW paragraph **28.3. (Added)**
- 3.1.3. FSC 1325 computer control groups do not require testing for contingencies or exercises.

3.1.6.2. PACAF Units will use the CAS-B IS573 report along with the following TMRS reports to accomplish the inventory. Missile Totals Report for Tactical AURs, WSS/Maintenance Trainers and Captive Carry AURs. The Master Unassembled Components Report by NSN to include both unserviceable and serviceable. Condition Codes need to be included in the inventory. All AWM/AWPs will be checked against the flight schedule. PACAF units will report discrepancies IAW Chapter 10.

3.1.6.4. PACAF units will re-verify difference listings during the next scheduled maintenance.

3.1.6.4.1. PACAF units will use the following table to formulate missile serial numbers.

<i>BASE</i>	<i>Tactical</i>	<i>Training</i>
Elmendorf	20000-22500	0001-0500
Eielson	22501-24999	0501-1000
Suwon	40000-40999	3000-3099
Kwang Ju	41000-41999	3100-3199
Osan	42000-42999	3200-3299
Taegu	43000-43999	3300-3399
Kunsan	44000-44999	3400-3499
Misawa	45000-45999	3500-3599
Kadena	46000-46999	3600-3699
Reserved	47000-47999	3700-3799
HIANG	48000-48999	3800-3899
Andersen	49000-49999	3900-3999

NOTE: Prior to assigning a tail number for tactical missiles contact the RAM office to make sure it is available.

3.2.4. (Added) Notifies Munitions Control of flightline deliveries and returns, and fire and hazard symbol changes as required.

3.2.5. (Added) Notifies Munitions Control of all trailer location changes in regards to handling/line delivery operations.

3.2.6. (Added) The Munitions Flight Chief may delegate the duties for argon/nitrogen coolant tank recharging and loading of chaff and flare modules to the Handling/Line Delivery Element.

3.4.4. Other elements and generators of munitions residue may also perform this function IAW T.O. 11A-1-60.

4.1.2. Proper documentation is valid documents processed by Munitions Operations and scheduled work authorized by the Munitions Flight Chief in the weekly schedule. Unscheduled removal of munitions assets from the stockpile will be approved by the flight chief.

4.1.3.2. At the minimum, the master storage plan will list total storage structures assigned, by type (e.g., magazine, igloo, revetment), total square foot storage/operating location capacity, total square foot storage/operating location capacity utilized. Storage capacities will be listed separately for both inside and

outside storage. Additionally, total 1.1 HC authorization and utilization by structure. Report will be updated quarterly.

4.1.3.3. (Added) Bases in Korea will ensure WRM ground (Category B) and air munitions (identified on WCDO) and WRSA assets are dispersed to provide a 60/40 split to ensure survivability of munitions assets. Units will contact HQ PACAF/LGW for approval when this requirement cannot be met.

4.1.5. Updates Munitions Control on CIIC status of all storage structures within the MSA.

4.1.6.1. (Added) All CAS-B/D operating units will develop local movement control procedures and manual back up procedures in writing and approved by the flight chief.

4.1.6.2. (Added) Store munitions identified for shipment in supported TPFDD in shipping configuration as much as possible.

4.1.10.3. Igloos will be inspected for sufficient earth covering annually. Additionally, depth checks will be made after a major storm where erosion may have occurred. Bases in Alaska should perform their annual check following the winter break-up. Depth checks will be made in 9 separate areas on top of the igloo. Additionally, check any areas that appear to be low. Depth check readings will be recorded and maintained by the building custodian. This information can be used to forecast funds for igloo repair. Refer to **Attachment 9 (Added)** for measurement diagram and sample format for documenting depth checks.

4.1.12.3. It is the owning organization's responsibility for proper container packaging, marking, and lot separation. The Storage Element will ensure the owning organization complies with these requirements.

4.1.12.10. The IS507 report satisfies this requirement. The new report only needs compiled when the courtesy storage agreement is reviewed. Ensure the latest report is attached to the courtesy storage agreement during the review process.

4.1.13.3. The AF Form 4147 is not required for any rewarehousing action.

4.1.13.3.1. Units may use locally developed worksheets to document location changes that occur during rewarehousing actions. These worksheets will be maintained IAW paragraph 4.1.13.2.9.

4.1.13.4. (Added) Follow procedures defined in para. 4.1.12.11 for munitions custody accounts stored within the MSA.

4.2.1.1.3. Annual re-certification will consist of the following:

4.2.1.1.3.1. (Added) A comprehensive review of training documentation in the individuals AF Form 623.

4.2.1.1.3.2. (Added) A policies and procedures interview designed to place emphasis on current special interest issues concerning the munitions inspection process.

4.2.1.1.3.3. (Added) A physical review of individual qualifications will be accomplished by conducting a quality verification inspection (QVI) on a sampling of inspections completed by that inspector.

4.2.1.1.3.4. (Added) Annual re-certifications will be annotated in the Munitions Inspectors AF Form 623a.

4.2.1.3. Any certified munitions inspector may input inspection results into CAS.

4.2.1.4. (Added) Ensure AFTO Form 102s with historical value are retained indefinitely in a "reference use only" file. These documents will enable lot history reloading in the event of a CAS-B database corruption.

- 4.2.3. Document notification for tracking purposes within 48 hours.
- 4.2.11. IAW T.O. 11A-1-10 the Senior Munitions Inspector is also a competent authority and may direct a SPI whenever he/she deems necessary.
- 4.2.14. (Added) All munitions turn-ins will be processed within 5 duty days of in-check.
- 4.3.7. PACAF/LGWX tracks service/shelf life of munitions and provides redistribution/disposition instructions.
- 4.3.8. This notification will be documented. Documentation should include person notified, date and time of notification.
- 4.3.14. This Munitions Customer Guide will provide commanders, custodians, and munitions users general information concerning munitions accountability procedures and will include the following issues:
 - 4.3.14.1. (Added) Custodial maintenance and storage, issue, and turn-in procedures.
 - 4.3.14.2. (Added) Inventory, account management, and expenditure validation.
 - 4.3.14.3. (Added) Requirements forecasting and disposition.
 - 4.3.14.4. (Added) Expended brass, munitions residue, and the munitions recyclable sales program and forms.
 - 4.3.14.5. (Added) Documentation requirements.
 - 4.3.14.6. (Added) Loss reporting process.
 - 4.3.14.7. (Added) Mobility.
 - 4.3.14.8. (Added) Courtesy storage requirements.
 - 4.3.14.9. (Added) Management products.
 - 4.3.14.10. (Added) Security and handling.
 - 4.3.14.11. (Added) Transportation.
 - 4.3.14.12. (Added) Suspended and restricted stocks.
 - 4.3.14.13. (Added) After-hours support.
 - 4.3.14.14. (Added) Miscellaneous topics and local requirements.
 - 4.3.14.15. (Added) User responsibilities.
 - 4.3.14.16. (Added) Commander and custodian briefings and training.
 - 4.3.14.17. (Added) Lot number integrity program.
 - 4.3.14.18. (Added) The Operating Instruction mentioned in paragraphs 2.10.8. and **12.5.3.** of this AFI may serve as the Munitions Customer Guide as long as it addresses all the necessary requirements.
- 5.1.3.3. The Master ID list may be either hard or soft copy, and will include at least the ID number, item description, inspection interval(s) and date last inspected.
- 5.1.5.1. Last six inspection cycles must be maintained, IAW DOD 6055.9-STD.
- 5.1.5.3. (Added) Tenants inside the MSA, and organizations which perform major activities within the MASA must provide the Munitions Flight with a current activity schedule. This schedule should describe

planned events in the next 30 days (minimum) that affect munitions safety or operations. This scheduling requirement should also be included as part of inter-service agreements, when appropriate.

5.1.6. PACAF does not maintain a MAJCOM Emergency Action File (EAF). Units will work with base agencies to develop local Emergency Action Checklists (Fire Dept., Disaster Preparedness, Security Forces, etc.)

5.1.7. PACAF units will maintain a current copy of UCML for each fighter squadron and latest wing fuzing letter. Korea bases (FOLs/COBs) will maintain a current copy of employing forces UCMLs and latest wing fuzing letters. Andersen AFB will maintain the Munitions Training Requirements Document (MTRD).

5.1.8. PACAF Units are not required to use MC2K until the program has been updated and validated by the CAF. Units will track the following information using either manually or by automated methods at the Flight Chief's discretion. Automated means is highly encouraged.

5.1.8.3. PACAF units will also track trailer configurations.

5.1.8.8. PACAF units will also track take-off and landing times.

5.1.8.10.1. (Added) Coordinate with PGM maintenance to ensure selection of missiles for aircraft loading is controlled to achieve the maximum interval between inspections. Ensure missile data from AF Form 2434 is used to update inspection cycles and is passed to the applicable point of contact for TMRS reporting.

5.1.11. Quarterly forecasts/schedules are not required.

5.1.11.1. Include periodic inspection and maintenance of inert and dummy training items when required by specific item technical order. The schedule must contain the quantity of each item scheduled for inspection/maintenance.

5.1.11.2. Maintain copies of the results for the last six fire drills.

5.1.11.7. (Added) AWM and AWP status.

5.1.11.8. (Added) Status of actions to be taken for approved ADRs.

5.1.12. The Flight Chief or 18th MUNS Maintenance Supervisor will chair the meeting and all section and all element supervisors will attend.

5.1.12.13. (Added) PACAF Units will discuss munitions frag requirements for the following flying week and the monthly requirements.

5.1.13.1. Validate structure risk categories/controlled inventory item codes weekly with Security Forces.

5.1.13.2. Reconcile fire/hazard symbols weekly with the Fire Department.

5.1.18. Flight Chiefs will determine which meetings are necessary to attend to ensure mission support.

5.1.18.1. (Added) Reviews the weekly aircraft schedule to determine munitions requirements.

5.1.19.2.2. Do not replace high security locks for only having two keys per lock. Two keys are sufficient for storage of conventional munitions as long as one key is the control key. If the manufacturer's S/N is known, contact the vendor for a replacement key.

5.1.19.2.2.10. If keys are removed from the GSA security container (safe) they must remain under constant surveillance and control of individual(s) that have either issue or receipt authorization.

5.1.19.2.4.2.1. Transport of keys requiring dual signature will require transport by two authorized individuals.

5.1.19.2.4.3. PACAF units are not authorized to issue spare/control keys when only two sets of keys are maintained for one lock. Control keys will not be issued for any purpose other than lock maintenance.

5.1.19.2.4.4.7.4. (Added) Keys will not be transferred more than once per initial issue. Keys must be turned in prior to subsequent issue.

5.2.6. Notify MAJCOM (CAS-C) the same day the trouble call was made via email, with trouble call number and name of FAB individual.

5.2.7. Baseline configuration changes are not authorized. Modifications to CAS software and scripts are in direct violation of Air Force directives. Any local changes must be completely documented in the Operational Accreditation Package and approved for use by MAJCOM and the CAS PMO. Each certifying official must assure the operational designated approval authority (DAA) that necessary security controls remain in place. The use of CAS computers for other than the intended purpose is in violation of Air Force policy.

5.2.9. The CSSO will ensure a current roster of all personnel authorized access to CAS-B is located in close proximity to each CAS terminal.

5.2.10. (Added) The SA will ensure the following actions are performed. The following takes precedence over AFCSM 33-824 Vol 1, 1 Sep 00.

5.2.10.1. (Added) A full system backup will be performed daily. This will eliminate the need for a daily database backup.

5.2.10.2. (Added) Perform a validation and repair on database 1 and 2 daily.

5.2.10.3. (Added) Perform a log file reset on database 1 and 2 daily.

5.2.10.4. (Added) Perform a free space check of database 1, area ISARAC, daily.

5.2.10.5. (Added) The OBATCH log file clean up will be performed daily after reviewing files for any errors.

5.2.10.6. (Added) The Audit Trail file will be reviewed weekly and a hard copy of the output will be kept on file for 6 months. Using the audit report command shown in AFCSM 33-824 Vol 1 each SA will establish local procedures using the switches shown using the man command.

5.2.10.7. (Added) The Audit Trail Backup and Deletion will be performed monthly.

5.2.11. (Added) Units will maintain two copies of system software, one stored on site and the other off site.

5.3.1. Combat Plans Element will notify Munitions Control of plan changes and coordinate on mobilization efforts.

5.3.1.8.1. (Added) The Flight Chief will designate the sections and elements responsible for maintaining the deployment packages and equipment. This will be defined in formal flight guidance.

5.3.3. MAGNUM personnel are exempt from CMTP and MAC training.

5.3.5. Participation in operations during local exercises and inspections can be considered practical training as long as training is properly documented.

5.3.6.1.2. This training will be provided within 60 days of arrival for personnel assigned to bases in Korea.

5.3.8. MAGNUM personnel are exempt from CMTP proficiency training.

5.3.9.1. Training is only required for personnel assigned to assembly crews that would employ the MAC during contingency operations.

5.3.10. Units will utilize the Core Automated Management System (CAMS).

5.3.10.2. This training will be provided within 60 days of arrival to personnel assigned to bases in Korea.

5.3.13.1. This evaluation will be performed within 60 days of arrival for personnel stationed in Korea.

7.3. The munitions Flight Chief/OIC will publish a Flight OI to address scheduling and inspection requirements to ensure assembled munitions are serviceable/safe/ready-to-use. Use guidance prescribed in specific item technical manual for inspection requirements/intervals for assembled munitions. When not addressed in specific item technical manual, refer to paragraph 7.3.3. for general guidance.

7.3.3. These procedures apply to assembled munitions for which the specific item technical manual does not provide inspection procedures/interval.

7.3.3.1. The first inspection is required any time between the 13-24 month of assembled life and annually thereafter. Report discrepancies that reduce capability rating by email to pacaf.lgw@hickam.af.mil. The Flight Chief/OIC will address in Flight OI the extent at which to disassemble built-up munitions to ensure they are serviceable/safe/ready-to-use.

7.3.3.2. CMRI marking is in lieu of marking requirements outlined in applicable specific item technical manual. Flight Chief/OIC will address in Flight OI procedures for marking inner/outer packaging, transport modules, or racks in lieu of marking individual items.

7.4. Convention for Safe Containers (CSC) certification, accountability, and serviceability procedures outlined in this section (para. 7.4.) apply only to units with a WRM outload requirement/tasking. Units using PACAF owned containers for storage of conventional munitions will use the container serial number or a numbered seal as the storage location in CAS-B. Loaded containers do not have to be sealed/locked, but contents must be secured IAW resource protection measures prescribed in AFI 31-101. CSC certification will be maintained on containers that are pre-stuffed with munitions to support initial WRM outload requirements.

7.4.1. PACAF approval is not required for containers storing items necessary to facilitate blocking and bracing operations.

7.4.4. PACAF units will use the DD Form 2282.

7.4.4.1. PACAF units will maintain the original copy of the DA Form 2404 once accomplished. Maintain last inspection record for historical reference.

7.4.4.2. CSC inspector Computer-Based-Training is available through U.S. Army Defense Ammunition Center at no cost to the unit.

7.4.6. Containers will be entered into CAS by total quantity. Units will develop a local method to track S/Ns and condition codes (CAS will be used only to track the total quantity/CSC Inspectors may not have access to CAS). AWM/AWP will be assigned to unserviceable repairable containers. (NOTE: para 7.4.2. requires containers to remain serviceable at all times, i.e., damaged containers should be repaired immediately).

7.4.7. PACAF owned containers will be placed in CC A, E, G, or H.

7.4.8.2. Prior-to-use inspections will be performed by fully qualified and competent personnel. Personnel are considered fully qualified if they have at one time received formal training and are experienced in the detection of container structural repair.

7.5.2.2. Units will use the DD Form 1500 series tag.

8.1.1.8. Munitions Product Assurance Programs will be reviewed during Munitions Activities Standardization Program (MASP) Visits and the report will be furnished as part of the MASP Report.

8.1.3.3. The COMISP will be managed locally by the Senior Munitions Inspector. The Senior Munitions Inspector and the local Quality Assurance Office will ensure a sound surveillance program coupled with accurate documentation of munitions inspections meet all the requirements of this program.

8.1.3.3.1. (Added) At MAGNUM Locations the COMISP will be managed by the Senior QAE. The Senior QAE will ensure a sound surveillance program coupled with accurate documentation of munitions inspections meet all the requirements of this program.

8.3.1.1.3. Locally suspended and/or restricted munitions items will be reported to HQ PACAF/LGW for coordination with other MAJCOMs.

8.4.2.5. Although units are welcome to attend most PIWGs, they are highly discouraged from attending since action items are solicited from all units prior to the conference and all units are represented. This prevents the unnecessary expenditure of unit funds.

9.4.2.3. PACAF units will develop detailed deployment plans for all OPlan/ConPlan taskings.

9.4.2.6. (Added) 607 ASUS will develop specific procedures for utilizing Port/Depot Teams. These procedures will be outlined in the Kimhae BSP Part 2.

9.6. (Added) Ammunition Control Point (ACP) Operations.

9.6.1. (Added) The Theater Ammunition Control Point (TACP) located at HQ PACAF, Hickam AFB, HI, provides wartime munitions support to PACAF forces and interservice support to component commands (Army, Navy, Marine Corps) under the command of USCINCPAC. The TACP provides technical and logistical support to combat units. The TACP requests munitions resupply from USAF ACP when PACAF munitions requirements cannot be satisfied by: RDO without degrading mission capability, the TPFDD, Afloat Preposition Fleet (APF), TARRP, or RDO from other PACOM services without degrading their mission capability.

9.6.2. (Added) Regional ACPs (RACP) are established at selected Air Support Squadrons (ASUS) to provide technical and logistical munitions support to their combat units. Selected ASUSs must also maintain the capability to assume TACP responsibility in the event HQ PACAF becomes unable to perform TACP duties. Criteria for an ASUS to assume TACP responsibilities are detailed in appendix 6 to annex D of the applicable operations plan. RACPs request munitions resupply from the TACP when regional requirements cannot be satisfied by: the TPFDD, APF, RDO within region without mission degradation, or RDO from other PACOM services in the region without degrading their mission capability. The RACP directs and controls the movement of all munitions arriving and within their region.

9.6.3. (Added) Each PACAF RACP will maintain the following minimum products and capabilities:

9.6.3.1. (Added) Nonnuclear Consumables Annual Analysis (NCAA).

9.6.3.2. (Added) AFI 21-201, Management and Maintenance of Non-Nuclear Munitions.

- 9.6.3.3. (Added) AFMAN 10-206, Operational Reporting.
- 9.6.3.4. (Added) AFR 136-11, Emergency Munitions Support for Joint Operations.
- 9.6.3.5. (Added) AFCSM 21-821, Vol II, Combat Ammunition System Deployable End User Manual.
- 9.6.3.6. (Added) Annex D to applicable operations plans (OPans).
- 9.6.3.7. (Added) Time Phased Forced Deployment Data (TPFDD) for applicable OPans.
- 9.6.3.8. (Added) Component and complete round quantities on-hand for each subordinate unit.
- 9.6.3.9. (Added) CAS Complete Round Dictionary.
- 9.6.3.10. (Added) TO 11A-1-46, Management Data and Ammunition Complete Round Chart.
- 9.6.3.11. (Added) CAS Reportable Item Listing.
- 9.6.3.12. (Added) CAS Transportation Tonnage.
- 9.6.3.13. (Added) Automated complete round build computation capability, i.e., Theater Allocation Buy Budget System (TABBS).
- 9.6.3.14. (Added) CAS-D with RACP Software
- 9.6.4. (Added) Units selected to assume TACP responsibilities will also maintain the following additional products:
 - 9.6.4.1. (Added) USCINCPAC Instruction 8010.6C (Munitions Status Report).
 - 9.6.4.2. (Added) War Reserve Stock For Allies (WRSA) on-hand listings.
 - 9.6.4.3. (Added) Air Force Afloat Prepositioning Ship (APS) Battle Books.
 - 9.6.4.4. (Added) TARRP status information.
 - 9.6.4.5. (Added) STAMP Status Report.
- 9.6.5. (Added) General ACP responsibilities in support of subordinate units:
 - 9.6.5.1. (Added) Monitor WRM munitions requirements versus quantities on-hand of units.
 - 9.6.5.2. (Added) Maintain component and complete round quantity information of units.
 - 9.6.5.3. (Added) Initiate and monitor supply/resupply actions.
 - 9.6.5.4. (Added) Redistribute munitions between units.
 - 9.6.5.5. (Added) Prepare briefings, reports, and SITREPS.
 - 9.6.5.6. (Added) Provide munitions availability information for development of Air Tasking Order (ATO)/Integrated Tasking Order (ITO).
 - 9.6.5.7. (Added) Thoroughly orient incoming ACP augmentees on all facets of ACP procedures.
- 9.6.6. (Added) RACPs should consider the following possible actions and initiate the action(s) most appropriate to supply/resupply war-fighting units:
 - 9.6.6.1. (Added) Monitor the TPFDD and make the changes appropriate to support the current situation, i.e., divert munitions to different locations, cancel items not required, request accelerated delivery of urgently needed munitions, etc.

- 9.6.6.2. (Added) Perform RDOs between subordinate units.
- 9.6.6.3. (Added) Be aware of munitions arriving on incoming fighter aircraft, particularly missiles.
- 9.6.6.4. (Added) Monitor movement of APSs and direct the movement of the arriving munitions to the desired locations.
- 9.6.6.5. (Added) Obtain lateral support from other PACOM services (Army, Navy, Marines) for common use munitions (AIMs, AGMs, GP bombs, small arms).
- 9.6.6.6. (Added) Suggest TACP consider deploying Tactical Air Munitions Rapid Response Packages (TARRP). TARRPs are maintained at Kadena AB. TARRP packages are similar to the USAF STAMP and have been designed for airlift to PACAF bare bases prior to USAF TAMP deployment. The TACP directs shipment of TARRP.
- 9.6.6.7. (Added) Suggest TACP consider requesting Standard Air Munitions Packages (STAMP) from USAF ACP. STAMPs are maintained at OO-ALC and SA-ALC, in fast pack configurations and have been assigned UTCs for rapid deployment. STAMPs have been designed for airlift to locations where there are no prepositioned resources for the purpose of sustaining combat forces in the early stages of tactical deployment. The USAF ACP directs shipment of STAMP.
- 10.1. Report will be forwarded to electronic mail address pacaf.lgw@hickam.af.mil.
- 10.1.1. Include fax number, web site URL and classified e-mail address of the Munitions Flight.
- 10.1.2. Munitions key personnel listing: report only Flight Chief, Section Supervisors, and Element NCOIC's by duty title, name, grade, duty phone and e-mail address.
- 10.1.6.1. Not required.
- 10.1.6.2. Not required.
- 10.1.7. TCTO Status: Report open TCTO status to include TCTO number, number of kits required, kits on order with requisition numbers, kits received, and number completed.
- 10.1.9. (Added) Part IX. Storage Capability: Report MSA 1.1 capacity and percent utilized. This information will be subcategorized as inside/outside storage, operating facilities and covered, enclosed or open storage. Send this part annually except when major changes in storage capacity occur out of the annual cycle.
- 11.1. Report requirements satisfied by the 9901 report in Chapter 10.
- 12.1.2. Post-Post Operations. Post-post is a mode of operation that allows continued support during periods of extended computer downtime. Post-post operations will be implemented as an interim measure when automated accounting procedures are disrupted. It also provides a systematic recovery of information into the CAS-B system after normal operations are resumed. Munitions flight chiefs will develop post-post procedures for local implementation.
- 12.1.2.1. (Added) When it has been determined that CAS-B will be non-operational for an extended period of time, the munitions flight chief will initiate post-post procedures and establish a recovery team. This team, comprised of the System Site Administrator and personnel from CAS-B, Munitions Operations, Inspection, Storage, and Scheduling, will be responsible for collecting and organizing all documentation for input into CAS-B when it becomes operational. The order of document processing into CAS-B will be determined by the MASO. Attach computer output to all documentation.

12.1.2.2. (Added) CAS-B listings necessary to support post-post processing will be run on a recurring basis to ensure current information is available should CAS-B become inoperable. Listings include, but are not limited to, Structure Asset Report (IS102A), Asset Balance Report - Stockpile (IS501A), Asset Posture Report (IS509A), Asset Balance Report - Location (IS567A), SRAN/Base Name Report (ISB13A), BIF Report (ISB14A), Basic Indicative Data Report (ISD11A), Master Stock Number and Substitute National Stock Number Report (ISD12A), and the Asset Levels Listing (ISG08A).

12.1.3. For nuclear accounts, refer to AFI 21-204.

12.2.1. Personnel appointed as the MASO will be the munitions flight chief, the Materiel Section superintendent, the senior QAE for the MAGNUMs, or the senior 2W0XX at Det 1 613 ASUS Diego Garcia, IO.

12.5.2.1. Note: EOD rubber ducks (1395 stock class training dummy assets) are managed by the SBSS (FB) account, not the munitions (FV or FK) account.

12.5.3. This operating instruction may serve as the munitions customer guide as long as it addresses all the necessary requirements.

12.5.7. (Added) Kits, Dog Training Scent: Inspection element will remove unserviceable components from these kits and turn them in using the FOB process under the assigned component NSN and condition code. Place the kit in condition code G, AWP for missing item. CAS will allow the kit to remain on the appropriate custody account. Requisition the replacement items. When the replacement item is received, consumption issue the item to the organization, place the asset in the kit and return the kit to condition code "A." Forecast for the replacement items annually, using category "A." You must also forecast for the kit annually in category "C."

13.1.1.1. HQ PACAF/LGWX will provide munitions forecasting guidance at the beginning of the forecasting cycle.

14.1.6. Use AF Form 1996 for all NSNs without MSRC listed in CAS IDR. NSNs with MSRC are forecasted and allocated in the DLAR process.

14.1.6.1. The MASO is the final approving authority for all AF Form 1996s.

14.2.2.2. POC for all Command FM's is HQ PACAF/LGWX. MASO can e-mail request to HQ PACAF/LGWX and they in-turn will contact the FM.

14.2.3. POC for all Command FM's is HQ PACAF/LGWX. MASO can e-mail request to HQ PACAF/LGWX and they in-turn will contact the FM.

14.3.2. An informational copy of the allocations transferred will be submitted to HQ PACAF/LGWX/DOTW. If the MASO determines on-hand quantities are insufficient to support the exercise the host MASO will contact HQ PACAF/LGWX for assistance.

14.3.2.1. Instructions for all INTRA-COMMAND (within PACAF) allocation transfer requests.

14.3.2.1.1. (Added) Use Email.

14.3.2.1.2. (Added) Identify losing and gaining SRANs.

14.3.2.1.3. (Added) Identify FUC of allocated item (available in DLAR).

14.3.2.1.4. (Added) Identify Req Code (when available in DLAR).

14.3.2.1.5. (Added) Identify item (MNSN or CRC) allocated (available in DLAR) and nomenclature.

- 14.3.2.1.6. (Added) Identify Qty to transfer.
- 14.3.2.1.7. (Added) Identify allocated CAT Code (available in DLAR).
- 14.3.2.1.8. (Added) Only significant comments should be added such as custody account information or shipment data to support allocation with assets at gaining location.
- 14.3.2.1.9. (Added) A formal message is not preferred/required when transferring allocations within command.
- 14.3.2.1.10. (Added) With FM concurrence HQ PACAF/LGWX will assign the tracking number and send the transfer to both MASO's.
- 15.2.1.3.1. 607 ASUS will provide HQ PACAF/LGWX with recommendations for port team requirements and procedures annually by 1 May.
- 16.1.4.3. Units may omit the processing time at each element.
- 16.5.2.1. Items that are controlled by Serial Number will have the serial number annotated on all accountable documents.
- 16.5.4. When documents are filed they will be removed from the Print Document Control (ISE01A).
- 16.6.5.5.1. (Added) Personnel authorized to receipt of registered mail, classified, explosive pilferable, sensitive, hazardous and general cargo consigned to FV_____.
- 16.6.6. (Added) The MASO will also maintain the following correspondences/letters:
 - 16.6.6.1. (Added) Personnel authorized to perform non-technical inspections (for paper-work-only transactions)
 - 16.6.6.2. (Added) Appointment of Base Munitions WRM Officer.
- 16.8.1. Paperwork only transactions may be processed as directed by the MASO.
- 16.8.3. Paperwork only transaction documents will be signed and processed IAW this chapter to the maximum extent possible. Exemptions will be documented on a memorandum and attached to the accountable document prior to filing.
- 17.3.2. Long and Short tour bases are authorized to validate the AF Form 68 annually.
- 19.1.1. PACAF Numbered Air Forces and Air Support Groups/Squadrons are authorized to redistribute munitions within their AOR. Ensure RDOs are coordinated with affected agencies (DO, SP, etc.) and HQ PACAF/LGWX is notified of RDO action.
 - 19.2.1.2.1. HQ PACAF/LGWS will requisition or redistribute RCS: HAF-LGS(A)9452 items to meet unit requirements. Munitions Operations will only requisition those items to replace unserviceable assets, and non-forecastable items based on user needs and justified stock levels. In either case, units will not requisition in excess of established stock levels.
 - 19.2.4. Document all actions taken to satisfy MICAP conditions. PACAF Form 117, Supply MICAP Checklist/Verification Card, can be used for this purpose.
- 21.1.3.1. The MASO or a designated representative will inventory custody accounts with the account custodian on a semi-annual basis.

21.2.6.3. Units will devise local procedures to identify contents of the structure.

21.3.1.1. PACAF units are authorized to use either closed warehouse or perpetual inventory methods.

21.3.1.1.1. (Added) Any method that results in counting the entire munitions inventory three times a year meets the definition of perpetual inventory. Example: Inventory 25 percent of the inventory monthly (25% per month x 12 months = 3 complete inventories).

21.3.1.1.2. (Added) The perpetual inventory precludes the monthly 10 percent inventory but not “spot checks” on NSNs that had accountable transactions during the preceding month (refer to 21.3.3.).

21.3.1.3. MAGNUM/WRSA requests for inventory waivers will be processed through 607ASUS/LGW prior to submission to HQ PACAF.

21.3.2. Units will inventory items in condition code E, F, G, H, and P during these inventories.

21.3.2.1. Follow up with transportation on status of F items awaiting shipment.

21.3.3. PACAF units not utilizing the perpetual inventory method will perform monthly 10 percent inventories. All locations/lot numbers will be inventoried. In addition, MASOs will inventory those NSNs that had accountable transactions during the preceding month. For the purposes of these inventories, only the locations where the accountable transaction took place need be checked. These “spot checks” are in addition to the monthly 10 percent inventory requirement.

21.4.1. The MASO or a designated representative will inventory custody accounts with the account custodian on a semi-annual basis.

21.4.1.5. The current reconciled inventory listing and findings will be maintained until superseded by the next semi-annual MASO Custody Account inventory.

21.4.2. After each custody account inventory, the custodian and commander will sign, date, and return a copy of the custody account listing to the MASO.

21.4.2.1. The MASO determines which month the semiannual MASO Custody Account inventories are performed.

21.4.3. The MASO or designated representative will oversee/witness the Primary Custodian Change Inventory.

21.4.4. (Added) FV5226 (Ye Chon AB), FV5227 (Won Ju AB), FV5228 (Jung Won AB), and FV5219/FV5231 (Sachon), will be inventoried annually. Accountable records will be maintained on the CAS-B system at Osan AB.

21.6.10.1. 607ASG/CC is the approving official for relief of accountability that requires a Report of Survey (ROS) when adjustments are processed by MAGNUM/WRSA accounts (except for FV5294 Osan and FV5284/5216 Kunsan which are approved by their respective LGs).

2.6.10.2. For MAGNUM/WRSA accounts, the 607ASUS/LGW is the approving official and the MASO certifies inventory adjustments (except for FV5294 Osan, and FV5284 Kunsan) which are approved by the MASO and certified by the NCOIC of Munitions Operations).

22.2.5.15. T.O. 11A-1-60 authorizes some users to certify their own packaging and residue. Those users identified in T.O. 11A-1-60 will develop their own procedures for certification and disposal of packaging and residue. Certified empty containers will be returned to the Munitions Storage Area for disposition.

22.2.5.19. Expenditures will be reported daily during exercises and contingency operations.

22.3.1.6. Latest reconciled semi-annual MASO Custody Inventory (signed by the commander, custodian and MASO) and count sheets.

23.2.1.5. (Added) Aircrew Life Vest/Kit assets. DIFM is used for management and tracking purposes. Units must access the IDR for each respective life support master NSN and mark the time change indicator block. Each time an issue is processed, CAS will prompt the technician if DIFM is required.

23.2.1.5.1. (Added) Training assets (Category D) will be custody issued to the respective account.

23.2.1.5.2. (Added) Initial issues (Category C) will be consumption with NO Due In From Maintenance (DIFM) indicator.

23.2.1.5.3. (Added) Recurring issues (Category A) to replace expired service life assets will be processed using the consumption issue process with a YES DIFM indicator.

23.2.1.5.4. (Added) Category C assets will be turned-in under the Category A (replacement item) issue document number to clear the DIFM and then be reidentified as required. In some cases assets with expired service life can be reclassified as condition code B and utilized for training. Found on Base (FOB) procedures will not be used to pickup returned assets on record.

23.4.1. Any issue that does not meet the cut off for the Weekly Schedule constitutes an Emergency Issue.

23.4.1.1. Emergency Issue Requests and Time Change Supplemental Forecast for items needed sooner will be coordinated through the Logistics Group Commander or designated representative. EXCEPTION: The MASO may coordinate on Time Change Supplemental Forecast for items needed later (e.g., item forecast for Dec now needed in Mar).

23.6.1. The MASO will not issue Condition Code N assets to fill allocations without coordination with HQ PACAF/LGW.

25.4.1. The MASO may authorize the expenditure turn-in process to correct erroneous expenditures from custody accounts. This authorization must accurately describe circumstances and be signed by the MASO prior to processing. Regardless of the process used to undo an erroneous expenditure the MASO must ensure that the authorization level is properly adjusted.

25.6.3.4. (Added) MASO will not establish accountability for non-stock listed items for which base officials have assumed responsibility i.e., amnesty boxes. These items may be courtesy stored for EOD, Security Police etc., but they should not be added to FV account. Courtesy storage agreements will be used to outline specific responsibilities.

26.4.1.1. The munitions inspector will validate the ERRC prior to assigning condition code "P" to determine if the item is an auto-ship asset. Auto-ship items will be placed in condition code "F."

26.4.1.2. Condition code "P" will only be used for hazardous materials items. Condition code "H" will be used for inert and non-hazardous materials items.

26.4.4. The MASO will assure compliance with PM's disposition instructions within 60 days from the day the disposition is received. For tracking purposes, the ADR will be dated when it is received back at the unit. Exception: items should be consolidated for shipment on a quarterly basis.

26.5.1. Local disposal (demil) of unserviceable, non-explosive (inert) munitions components and containers is authorized regardless of dollar value. The MASO/flight chief determines items to report that he determines may be of use to others for training. Units will send a message to AIG 796 (PACAF Munitions

Flights) offering those components for use before taking any disposal actions. This gives each unit the opportunity to acquire needed components to return an end item to a serviceable condition.

27.1.5. (Added) As applicable, lot or serial number will be annotated on the shipping document.

27.1.6. (Added) Condition Code F assets should be expeditiously entered into the repair cycle process. Shipment of these assets will be processed as soon as practical once the item is put into Condition Code F.

27.2.7.4. Munitions organizations do not assign TAC Codes. TMO assigns this code when the shipment is booked.

28.1.3. PACAF units will requisition all missile components Priority 02, RDD 999.

28.2.1. PACAF units will account for CATMS on custody account by MBA and GCS NSNs. Also, Flight Chief/OIC will address in MEP plan to reconstitute CATMs to tactical missiles by C+5 of conflict unless otherwise directed.

28.2.2. The total number of stubbies does not have to equal the number of CATMS authorized. PACAF units will configure stubbies with the latest model rocket motors and target detectors if available in stock.

28.3. (Added) Peacetime use of (LIVE) Tactical Air-to-Air Missiles. Does not include Alert or Contingency requirements.

28.3.1. (Added) Tactical Missiles are authorized in quantities based on a simple formula. Use the following guidelines to compute authorized missile quantities:

28.3.1.1. (Added) F-15C/D - 4 X AIM-120, 2 X AIM-7, 2 X AIM-9

28.3.1.2. (Added) F-15E - 2 X AIM-120, 2 X AIM-9

28.3.1.3. (Added) F-16 - 2 X AIM-120, 2 X AIM-9

28.3.1.4. (Added) A/OA-10 - 2 X AIM-9

28.3.2. (Added) Authorized quantities are computed using the applicable aircraft MDS above and multiplying by the sum of the PAA plus two spare aircraft per squadron. (Example, 18 PAA F-15 C/D squadron is authorized to use 80 AIM-120, 40 AIM-7, and 40 AIM-9 missiles (Four AIM-120 times 18 PAA plus two spares, and two AIM-7/9 times 18 PAA plus two spares).

28.3.3. (Added) Quantities are established to satisfy OPLAN taskings during exercises and evaluations and are only authorized at home station. HQ PACAF/LG and DO must approve any other use of Tactical missiles at home or deployed locations not stated in this AFI.

28.3.4. (Added) During Initial Response Readiness Exercises (IRRE) and HHQ Initial Response Readiness Exercises (IRRI), wings may use live missiles not to exceed authorized quantities in conjunction with captive carry missiles. However, wings must be prepared to load with all live missiles during the IRRI as directed by HQ PACAF Inspector General. The only restriction on use of live missiles is for AIM-120 during Combat Employment Exercises/Inspections (CERE/CERI) when only CATM-120 vice live AIM-120 will be used. At the discretion of the wing commander, live AIM-7/9 missiles may continue to be used or supplemented by CATMS during the CERE/CERI portion of exercises.

28.3.5. (Added) Unit are not authorized to fly tactical missiles for Exercises/Evaluations or any other peacetime operation except as directed/approved by HQ PACAF/DO.

28.3.6. (Added) Missile deliveries, loading, and aircraft taxi is authorized at unit option provided it mirrors wartime procedures and demonstrates use of resources (manning, equipment, etc.) required by wartime manning documents.

28.4. (Added) Captive Carry Trainers (CCT), Load Crew Trainers (LCT), Guidance and Control Sections (GCS), Missile Body Sections (MBS) and Acceleration Monitor Assembly (AMA) will be allocated using the following distribution methodology:

28.4.1. (Added) LCT missile allocation will be 4 per load barn and 4 per squadron for integrated combat turns.

28.4.2. (Added) CATM missile allocations are as follows:

28.4.2.1. (Added) AIM-9M = 1 per PAA (**NOTE:** Units are authorized to remove 9M GCS from WRM assets not to exceed quantities authorized above. For example an 18 PAA F-15C/D squadron is authorized to remove 18 GCS from WRM All Up Round (AUR) missiles. Units are now authorized to utilize WGU-4E/B GCS for all their CCT requirements.)

28.4.2.2. (Added) AIM-7 = 1 per PAA

28.4.2.3. (Added) AIM-120 = 1.5 per PAA for F-15C

28.4.2.4. (Added) AIM-120 = 1 per PAA for F-15E and F-16 Blk 30 - 50

28.4.2.5. (Added) AGM-88 = .5 per PAA

28.4.2.6. (Added) TMU-72 coolant pressure tanks are allocated at a ratio 1.8 to one tactical missile. TMU-72 for CATM-9M use will be from tactical missile allocations in quantities authorized by the unit MASO in writing.

28.4.2.7. (Added) AMA=.5 per PAA.

29.1.3. After verifying the container is XD2, load the IDR data using program ISD25A. If transportation indicative data is blank after receiving the IDR update from CAS-A, contact OO-ALC for disposition instructions.

29.1.6. PACAF units may keep empty containers on custody accounts as long as they are on accountable records.

29.1.6.3. Units are authorized 10% of their AUR missile allocation as empty component containers. For example, if a unit is authorized 100 AURs, then they are authorized 3 component containers. ($100 \times .10 = 10$. 10 divided by 4 (number of components per container) = 2.5 (3 when rounded off)). If experience shows this number is insufficient, units will coordinate with HQ PACAF/LGWS requesting approval to maintain additional containers.

31.2.4. The supplemental forecast is not a recompilation of the existing quarterly forecast. Supplemental forecast will include, at a minimum, the changed item(s); forecast supplemented; NSN; original and revised quantity(ies) and due dates; original scheduled date; and justification.

32.1.3. PACAF units are authorized to exceed the 90-day period; however, may not exceed seasonal needs.

32.2.3.3. The MASO will not establish accountability for non-stock listed items. The munitions function is not responsible for accountability, storage, inspection, or dis-position of these assets. All requests for local purchase munitions are submitted to the Chief of Supply IAW AFMAN 23-110, Volume 2. USAF

shooting team requirements are considered local purchase munitions and are submitted to the Chief of Supply.

33.1.2. Units will not requisition WRM assets to fill shortfalls. HQ PACAF will either call forward the assets or plan for the delivery of items at OPlan execution.

33.3.3. WCDOs are available on HQ PACAF/LGW (SIPRNET) web site.

33.3.4. For the purpose of this brief and other WRM munitions complete round assessments, conditions codes A - E and N will be considered available for combat.

33.3.6. (Added) In the event a category C level request is disapproved units are authorized to use WRM inventory to provide realistic training; however, in no case will munitions be consumed or service life started. This authorization only applies after a category C request has been submitted, denied or reduced.

33.6.1. HQ PACAF/FMA does not require Wings to submit individual base budget forecasts. All Program Element (PE) budget forecasts are submitted directly to the HQ PACAF program managers. PEC 28030 budget requirements will be sent directly to the HQ PACAF/LGWX (Program Element Manager).

33.13.3.6. The MAGNUMs will report WRSA munitions condition code changes to 607MMS/LGW for evaluation. 607MMS will determine if the munitions cannot be used for their intended purpose and require replacement. 607MMS and 607ASUS/LGMW will determine if replacement munitions are available in Korea. 607MMS will direct the RDO of munitions between units under their supervision to replace unserviceable WRSA munitions. 607ASUS will prepare RDOs for replacement munitions from all other PACAF units in Korea. WRSA munitions that cannot be replaced in Korea will be forwarded to HQ PACAF/LGWX for resolution.

34.2.4. Requisitions will be submitted for replacements if/when the deploying unit returns to home station without the assets they deployed with.

36.3.1.1. Owing organizations will (at least annually) inspect and perform maintenance on all SDM. This inspection/maintenance will be documented on a locally developed general-purpose form. This form will be maintained with the copy of the ADR that authorizes the use of the SDM.

Chapter 38 (Added)

MUNITIONS ACTIVITY STANDARDIZATION PROGRAM

38.1. Purpose. The purpose of a MASP team visit is to help identify areas within the munitions, armament, and weapons safety activities that can be improved, and to assist in the resolution of problems beyond the unit's capability to correct. To achieve these goals the team uses checklists, publications, and technical orders to determine compliance with Air Force standards. However, the most important tool used during a MASP visit is the open and frank discussions between team members and wing personnel. It is not an Inspector General (IG) Inspection nor is it meant to be used as the sole catalyst by units in preparation for passing a Unit Compliance Inspection (UCI).

38.2. Policy. HQ PACAF/LGW is the command monitor for the program and will conduct MASP visits annually for the short tour areas and every other year for the long tour areas. HQ PACAF/LGW will fund TDY costs for the team with the exception of weapons safety team member(s). Augmentees will make their own travel arrangements. Upon completion of the MASP visit augmentees will furnish a copy of travel orders and completed travel voucher to HQ PACAF/LGW.

38.3. MASP Team. The MASP team will use checklists, publications and technical orders to determine compliance with Air Force standards. The team will indicate areas requiring management attention and assist in the resolution as necessary.

38.3.1. MASP Team Composition (see [Figure 38.1.](#)). The MASP team will normally consist of a Team Leader and representatives of all munitions/weapons functions to include weapons safety. The composition of the team may vary, depending on the mission and size of the unit visited. Numbered Air Forces, and munitions and weapons activities within PACAF may be tasked to provide augmentees to the MASP team.

Figure 38.1. Typical Team Composition.

FUNCTION	AFSC	GRADE	SOURCE
Team CC	21M	O-5/6	HQ PACAF/LGW
Team Chief	2W0/2W1	E-9/E-8	HQ PACAF/LGW
Safety	21M/2W0/2W1	E-7 or Above	HQ PACAF/SEW
Production	2W0	E-7 or Above	HQ PACAF/LGWS
Production	2W0	E-6 or Above	Augmentee
Materiel	2W0	E-7 or Above	HQ PACAF/LGWS
Materiel	2W0	E-6 or Above	Augmentee
Systems	2W0	E-7 or Above	HQ PACAF/LGWS
Systems	2W0	E-6 or Above	HQ PACAF/LGWX
Weapons	2W1	E-7 or Above	HQ PACAF/LGWL
Weapons	2W1	E-6 or Above	Augmentee
Weapons	2W1	E-6 or Above	Augmentee

38.4. Procedures. The MASP team will provide assistance in as many areas as possible. To provide maximum flexibility, the amount of assistance for each general area is left to the discretion of the team chief and the team member observing that particular area. Compliance with established directives will be the focus of the visit. However, commendable performance and exceptional programs are also of interest. Team Chief may identify outstanding performers and programs to the Team Commander for special recognition.

38.5. Notification. HQ PACAF/LGW will publish a schedule of proposed MASP visits in November of each year for the following 12-18 months. This schedule will be distributed and validated by affected units. HQ PACAF/LGW will normally notify each unit at least 60 days in advance of scheduled visit. The notification message will include team composition and support requirements. Upon receipt of the notification message, the LG of the visited organization will appoint a project officer to coordinate the support requirements and provide the project officer's name, rank, DSN, and e-mail address to HQ PACAF/LGW. Unit requests for MASP visits will be submitted to HQ PACAF/LG at least 90 days before the date the visit is required.

38.6. Reports.

38.6.1. Report Disposition. The visited LG and OG will be given a draft report preceding MASP team departure. HQ PACAF/LGW staff validates the content of the draft report before it's forwarded to HQ PACAF/LG for final coordination and signature. The signed final report is sent to the Wing Commander, Logistics Group Commander and Operations Group Commander. It is also posted on the HQ PACAF/LGW web site for download. The report is not answerable back to HQ PACAF/LGW. Additionally, Numbered Air Forces will not request unit replies to reports. HQ PACAF/LGWS will assign, suspense, and monitor higher headquarters action items to the appropriate agency for comments and corrective actions.

38.6.2. Report Format. The report will include the scope of the MASP visit and a paragraph after each section heading to summarize the visit to the respective element(s). Following the element subheadings are all the commendable items as well as areas for improvement noted. Repeat areas for improvement will be identified with the word **(Repeat)** preceding the improvement statement. Special interest items and higher headquarters action items will also be addressed in the report.

38.6.3. Classification. The basic MASP report will be unclassified; classified addendum may be used if required. Refer to appropriate security classification guide for classification.

38.7. Briefings.

38.7.1. As a minimum, the MASP team leader or team chief will inbrief the Logistics Group Commander, Operations Group Commander, and key munitions/weapons and weapons safety personnel. Inbrief for the Wing Commander will be at his/her request.

38.7.2. MASP team members will validate areas for improvement with section/element chiefs daily. MASP Team Chief will outbrief the Munitions Flight Chief daily on significant findings. Weapons Manager will also receive a daily briefing from the senior weapons MASP team member. Upon completion of the evaluation, all areas for improvement will be validated with the respective flight CC/chief or other appropriate personnel prior. A copy of the draft report will be given to the munitions functional commander/munitions flight chief/wing weapons manager/weapons safety manager at this time.

38.7.3. A formal outbrief will be provided to the members listed in paragraph **38.7.1.**

38.8. Support Requirements.

38.8.1. Entry authorization lists (EALs) will be prepared and distributed by the unit project officer to ensure entry into all applicable areas. During a MASP visit, team members will not be considered as part of the organization. Team members will require unescorted entry into all conventional storage and flight line munitions/weapons activity areas. Pertinent data for the preparation of EALs will be provided in the notification message for HQ PACAF/LGW personnel and all augmentees. Upon arrival of the MASP team, the unit project officer will brief the team chief and all MASP team members on local procedures to ensure all team members know when and where to wear restricted area badges, when escort is required, and any other information on local conditions and restrictions.

38.8.2. Administrative work area, technical order/publication, and CAS-B report requirements will be provided in notification message.

38.8.3. Vehicle requirements will be provided in notification message.

38.8.4. The unit project officer will make billeting arrangements for all MASP team members. Team integrity will be maintained at all times.

38.8.5. Each MASP team member will need a list of key unit personnel, to include munitions/weapons/weapons safety NCOICs with name, rank, phone numbers, email address, assigned function, and office symbol.

Chapter 39 (Added)

PACAF MUNITIONS SEMINAR

39.1. General. The munitions seminars established in PACAF consist of two separate programs. The munitions inspection seminar has been chartered to improve the munitions stockpile by providing standardized munitions inspection methods for use within PACAF. The Combat Ammunition System (CAS) seminar has been developed to provide the PACAF user hands-on training in CAS-B. These seminars augment formal training offered by AETC and provide PACAF munitions personnel the opportunity to improve their technical proficiency. Development and presentation of the munitions seminars will be performed by the seminar instructor staff (18 MUN/CCI).

39.2. Munitions Inspection Seminar. Completion of the munitions inspection seminar or the AETC inspection course is mandatory for all PACAF personnel assigned munitions inspection duties (including MAGNUM QAEs). Attendance of AETC graduates at the PACAF seminar is a flight chief option, however, attendance is strongly encouraged. The Munitions Flight Chief may temporarily waive attendance at the PACAF seminar to prevent work stoppages until the next available seminar. Seminar graduates should have six months remaining in PACAF upon completion of the seminar. Seminars will be held at PACAF locations IAW a schedule published by the seminar and coordinated with PACAF/LGW. Requests for schedule changes will be addressed to PACAF/LGW. Schedule can be found on the seminar's web page: https://www.kadena.af.mil/pacaf_seminar/.

39.2.1. Seminar Content. The munitions inspection seminar will consist of blocks of instruction on ammunition familiarization, levels of supply, the Air Force Product Assurance Program, materiel deficiency reporting, explosive safety procedures, storage and transportation (packaging, marking, labeling, placarding, unitizing, drawings), hazard identification, compatibility, the Air Force publication index system, the technical order improvement program, the worldwide suspension/restriction system, catalog data, performance and documentation of munitions inspections, condition codes, color codes and inspection of reusable containers and scrap material. Current federal law, DOD standards, Air Force regulations, Special Packaging Instructions, and specific item technical orders will be used as reference. All changes to the content of the munitions inspection seminar will be approved by HQ PACAF/LGWS. Input for suggested changes may be routed through HQ PACAF/LGW, which will perform a periodic review of the Plan of Instruction (POI) to update the seminar contents for inclusion of essential elements of the PACAF munitions inspection mission.

39.2.2. Seminar Surveys. Student surveys will be taken prior to and at the conclusion of each seminar in order to collect feedback, validate, and improve the seminar. Historical records for each seminar will be maintained by the seminar staff.

39.2.3. Seminar Testing. A series of three tests will be conducted during the seminar. An overall grade of 75 percent must be obtained to successfully complete the course.

39.2.4. Seminar Attendance Requirements. Attendees must possess a 5 or 7 skill level and be assigned munitions inspection duties. Each seminar is limited to ten students for a period of 10 duty days. Funding will be the responsibility of each unit. Students will not be excused from class. All students must be advised not to make appointments or other commitments that will interfere with attendance.

39.2.5. Host Unit Requirements. Units hosting a seminar will:

39.2.5.1. Provide a classroom with adequate space to accommodate at least 10 students with a comfortable learning atmosphere.

39.2.5.2. Provide transportation for seminar instructors. Vehicle support will be needed to transport approximately ten crates of seminar materials to and from the classroom, as well as daily transportation of seminar personnel.

39.3. CAS Seminar. The CAS seminar is a HQ PACAF/LGW solution to a documented need for a formal training course to increase the user's knowledge of the system, improve asset location records, and accountability throughout PACAF. It is designed to provide flexible, user-friendly, step-by-step instructions to assist the CAS user in learning the full capabilities of the system. The CAS-B seminar will cover all aspects of the system, or can be tailored to include only those individual modules necessary to fulfill each shop's needs. CAS seminar attendance is mandatory for individuals possessing a USER-ID for all system areas to which they have access. For all others, attendance is strongly encouraged. Inclusion in other courses provides a more thorough understanding of the entire system. The Munitions Flight Chief or MASO may temporarily waive attendance to prevent work stoppages until the next available seminar. Seminars will be held at PACAF locations IAW a schedule published the seminar and coordinated with PACAF/LGW. Requests for schedule changes will be addressed to PACAF/LGW. Schedule can be found on the seminar's web page: https://www.kadena.af.mil/pacaf_seminar/.

39.3.1. Seminar Content. The CAS seminar currently consists of five different courses. Additional courses may be developed in the future. Recommendations for improvements and new materials to be included in the CAS seminar should be forwarded to HQ PACAF/LGW. The current courses are:

39.3.1.1. Overview & General Course: Provides each student with a general knowledge of the CAS system to include the interface between CAS-A, CAS-C, CAS-D, as well as CAS-B. An emphasis will be placed on basic keyboard familiarization and proper terminal settings. Hands-on training will be provided in accessing CAS-B; navigating the system; accomplishing all types of inquiries; loading, changing, deleting, and processing work orders; loading, changing, deleting, and updating equipment and personnel; and requesting and interpreting general reports used by all shops. The course also covers basic storage functions for structure data including NEW authorization, distances, waivers, exemptions and deviations; storage planning; location changes; and rewarehousing.

39.3.1.2. Inspection Course: Provides hands-on training in processing receipts, turn-ins, inspection history updates, condition code changes, ammunition disposition requests, automatic shipments, selective identity changes, selective lot number changes, regrouped lot numbers, and suspensions.

39.3.1.3. Operations Course: Provides hands-on training in processing indicative data inquiries; inquiring, loading, changing, and deleting organizations and their asset levels; processing issues; due-outs, requisitions, shipments, and reverse posts; updating and inquiring intransits; processing special and complete inventories; researching inventory discrepancies; and all actions required for document control.

39.3.1.4. Manager's Course: Provides managers a basic knowledge of CAS-B and CAS-D. It covers system capabilities, to include available reports that can be used in day-to-day management.

39.3.1.5. CAS-D Workshop: Ensures each student has a general knowledge of CAS-D functions. Group discussion and demonstration covers manually loading munitions data during exercises, deployments, and possible back up for CAS-B in the event the mainframe crashes for an extended period of time. Discussion/Training will be tailored to the needs and requirements of each PACAF base.

39.3.2. LOGMARS. The CAS Seminar has the capability to provide hands-on training in processing receipts and inventories with hand-held terminals. Scheduling for this training will be on a case-by-case basis. Requests must be made in advance.

39.3.3. Seminar Surveys. Student surveys will be taken prior to and at the conclusion of each seminar in order to collect feedback, validate, and improve the seminar. The seminar staff will maintain historical records for each seminar.

39.3.4. Seminar Testing. Each course contains a number of open book quizzes using the seminar training database. There is also an open book final exam. The quizzes make up 39% of the total grade and the exam is the remaining 60%. An overall grade of 75 % must be obtained to successfully complete the seminar.

39.3.5. Seminar Attendance Requirements. Attendees should possess a 3 skill level and be assigned duties requiring them to use CAS-B. Each seminar will last approximately 2 weeks; the courses covered will depend on the host unit's desires. Each class is limited to 2 students per terminal. Students assigned to a class will not be excused and must be advised not to make appointments or other commitments that interfere with attendance.

39.3.6. Host Unit Requirements. Provide one terminal and a separate system designator for every two students. A vehicle is required for daily transportation of seminar instructors.

39.4. PACAF Quality Assurance Specialist (Ammunition Surveillance) - QASAS.

39.4.1. A QASAS is assigned to the HQ PACAF/LGW. This position is administratively attached to the 18th Munitions Squadron, but will be functionally controlled by HQ PACAF. The PACAF QASAS is responsible for those duties outlined in the QASAS job description, specific tasking from HQ PACAF, and:

39.4.1.1. Providing structured munitions inspection training to PACAF munitions inspectors as directed by HQ PACAF/LGW.

39.4.1.2. Performing spot, over-the-shoulder evaluations of munitions inspectors and providing training to correct noted deficiencies.

39.4.1.3. Traveling to PACAF locations as directed by HQ PACAF/LGW to address surveillance and inspection issues affecting serviceability of the stockpile.

39.4.1.4. Reporting inspection or surveillance deficiencies up-channel to HQ PACAF/LGW along with recommended corrective actions.

39.4.2. The QASAS will function as the advisor for all matters associated with munitions inspection and serviceability.

39.4.3. The QASAS will serve in a supervisory capacity for the CAS Seminar, providing broad-based oversight and coordinating support. In-depth CAS technical expertise will be maintained by CAS seminar instructors and HQ PACAF/LGW.

39.5. Other Support.

39.5.1. The PACAF QASAS and seminar instructors will perform other mission duties as determined by HQ PACAF/LGW. Due to the scope of their duties, and ongoing TDY schedule, PACAF Seminar personnel are exempt from all 18th Wing exercises.

Chapter 40 (Added)**MUNITIONS ACTIVITIES GAINED BY NEGOTIATIONS OF USAF/ROKAF
MEMORANDUM OF UNDERSTANDING (MAGNUM)**

40.1. General. MAGNUMs store USAF titled munitions in ROKAF facilities. USAF personnel provide technical assistance, surveillance and evaluation of ROKAF management and maintenance actions IAW the USAF/ROKAF Memorandum of Agreement (MOA). The primary purpose of the MAGNUMs is to ensure accountability and serviceability of the USAF titled munitions to ensure readiness for war plan taskings. The 8 and 51 FW MAGNUMS will be managed and controlled through their respective commanders. This is the only section pertaining to the management of the MAGNUMs and for the evaluation of ROKAF MAGNUM management.

40.2. Commander Responsibilities.

40.2.1. The 607 MMS/CC is responsible for making MASO appointments except for 8 and 51 FW MAGNUMS.

40.2.2. All USAF commanders will:

40.2.2.1. Ensure that all MAGNUMs operate on a standard ROKAF duty schedule.

40.2.2.2. Limit the additional duties/TDYs for all personnel assigned to munitions storage areas covered by MOUI FB52CX-MOUI-2004 to matters directly related to their MAGNUM or WRSA storage operations.

40.3. 607 ASUS Munitions Staff Responsibilities. The munitions staff is responsible to the 607 ASUS Commander (607 ASUS/CC) for management of MAGNUMs. The munitions staff will:

40.3.1. Visit each MAGNUM at least quarterly. A written trip report will be sent to the 607 ASUS/CC for review. An information copy will be provided to HQ PACAF/LGW and 8 and 51 FW Munitions Flights.

40.3.2. Review plans and assure MAGNUM Senior Quality Assurance Evaluators (SQAEs) understand the MAGNUM concept and how to evaluate ROKAF management of the storage site.

40.3.3. Review and evaluate accountability and surveillance of stored WRM munitions stocks through sample inventory (at least ten percent of each MAGNUM account will be inventoried during quarterly visits) and provide assistance to assure effective munitions inventory management.

40.3.4. Monitor and ensure the ROKAF facilities at each location where munitions are stored support the contingency or wartime mission.

40.3.5. Provide functional expertise and payment invoicing to the USAF Executive Agent on matters affecting the terms and conditions of the MAGNUM MOA.

40.3.6. Consolidate and review the COB MAGNUM Munitions Capability Report (RCS HAF-ILM (Q)-9901) and forward to HQ PACAF/LGW IAW Chapter 10.

40.3.7. Provide orientation and responsibilities briefing to each COB MAGNUM Senior QAE and Accountable Officer within 30 days of arrival.

40.3.8. Review all AFTO Forms 22 submitted by COB MAGNUM personnel on munitions and munitions handling equipment technical orders. Sign block 12 of the AFTO Form 22.

40.3.9. Consolidate COB MAGNUM PEC 28030 budget input for operation and maintenance funds and forward to HQ PACAF/LGW.

40.3.10. Assist Senior QAEs and Accountable Officers with COB MAGNUM contingency and OPlan requirements (includes Base Support and Munitions Employment Planning and creation of OPlan outload and receipt schedules).

40.3.11. Ensure all QAEs attend the PACAF or AETC Munitions Inspection Seminar as soon as a course becomes available.

40.3.12. Publish an In Progress Inspection (IPI) list and provide it to the applicable COB MAGNUM's.

40.3.13. Provide Combat Ammunition System-Base (CAS-B) oversight and training to all personnel assigned to COB MAGNUMs.

40.3.14. Publish a 607 ASUS supplement to this AFI to detail procedures unique to MAGNUM operations. Supplement will be provided to HQ PACAF/LGWL for review and approval prior to being published.

40.3.15. Review LMME requests IAW Chapter 7.

40.3.16. 607 ASUS/LGW will approve inventory adjustment vouchers for all COB MAGNUMs.

40.3.17. Provide MAGNUM concept briefing to the SQAE and the Munitions Flights of the 51st and 8th MXS's.

40.3.18. Provide invoicing to the USAF Executive Agent on matters affecting payment of the terms and conditions of the MAGNUM MOA.

40.3.19. Provide orientation and responsibilities briefing to the 8th and 51st MXS Munitions Flights and SQAE within 30 days of arrival.

40.4. The 8th and 51st Munitions Flights Responsibilities. The munitions flight is responsible to the appropriate Wing Commander for management of MAGNUMs. The munitions flight will:

40.4.1. Review plans and assure MAGNUM senior Quality Assurance Evaluators (QAEs) understand the MAGNUM concept and how to evaluate ROKAF management of the storage site.

40.4.2. Review and evaluate accountability and surveillance of stored WRM munitions stocks.

40.4.3. Monitor and ensure the ROKAF facilities at each location where munitions are stored support the contingency or wartime mission.

40.4.4. Provide functional expertise on matters affecting the terms and conditions of the MAGNUM MOA.

40.4.5. Incorporate applicable MAGNUM information into the Munitions Capability Report (RCS HAF-ILM(Q)-9901) and forward to HQ PACAF/LGW IAW chapter 10.

40.4.6. Provide orientation and responsibilities briefing to each MAGNUM Senior QAE within 30 days of arrival.

40.4.7. Review all AFTO Forms 22 submitted by MAGNUM personnel on munitions and munitions handling equipment technical orders.

40.4.8. Incorporate MAGNUM PEC 28030 budget input for operation and maintenance funds into Munitions Flight financial plan, and forward a copy to 607 ASUS/LGW.

40.4.9. Ensure MAGNUM contingency and OPlan requirements are included in Base Support and Munitions Employment Planning and include creation of OPlan outload and receipt schedules.

40.4.10. Ensure all QAEs attend the PACAF or AETC Munitions Inspection Seminar, if needed and as soon as a course becomes available.

40.4.11. Ensure an In Progress Inspection (IPI) list is provided to the MAGNUMs.

40.4.12. Coordinate LMME requests IAW Chapter 7.

40.4.13. Ensure QAEs are dedicated to MAGNUM support only and not tasked with additional duties, unrelated TDYs, or details.

40.4.14. Ensure SQAEs are appointed for a minimum of 12 months to ensure continuity between USAF and ROKAF personnel.

40.5. QAE Responsibilities. In addition to the following duties, the MAGNUM Senior QAEs will comply with all applicable requirements in paragraphs 2.11 and 2.12:

40.5.1. Be responsible for monitoring and enforcing the terms contained in the Memorandum Of Agreement (MOA).

40.5.2. Requisition and provide the ROKAF all technical publications, directives, AFOSH standards and applicable forms. The ROKAF will maintain the publication files with assistance from the QAE.

40.5.3. Advise the ROKAF of wartime or contingency concepts of operation within applicable security guidelines.

40.5.4. Establish and maintain a continuity folder with the following minimum information:

40.5.4.1. A list of all reports applicable to the MAGNUM, suspense dates, governing directives and distribution requirements.

40.5.4.2. Pertinent 607 ASUS directives and policy letters.

40.5.4.3. Copies of the quarterly 607 ASUS/LGW visits and actions taken.

40.5.4.4. An end of tour report completed by the senior QAE outlining accomplishments, problems encountered, and suggestions.

40.5.4.5. Any documentation required to be maintained by 607 ASUS/LGW or respective wings.

40.5.4.6. 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.

40.5.4.7. Coordinate disposal of unserviceable munitions, as authorized by the MASO, with the USAF main support base EOD unit(s).

40.5.4.8. Monitor the accountability and control of consumable supplies, government furnished equipment, tools and special equipment required for maintenance or storage operations IAW applicable USAF instructions and technical orders. The QAE will coordinate with ROKAF on all supply requirements and will follow USAF established supply procedures when requesting items through USAF supply channels.

40.5.4.9. Monitor the security of USAF resources IAW AFI 31-101 and DoD 5100.76-M.

40.5.4.10. Report quantity distance safety zone violations not already addressed by waiver or exemptions.

40.5.4.11. Ensure recall information for USAF MAGNUM personnel are included into applicable recall plans. A copy of recall information will be forwarded to 607 ASUS, in case a recall needs to be initiated.

40.5.4.12. Establish relevant emergency action checklists. As a minimum these will be bilingual and include wartime or contingency plan execution notification, fire, severe weather, accident or incident and loss of communications.

40.5.4.13. Participate in Combat Munitions Plan (CMP) development to verify actions are viable.

40.5.4.13.1. Aspects of the plan requiring ROKAF support will be sanitized (i.e., put in unclassified and releasable form), translated, and coordinated with 607 ASUS/LGW and appropriate ROKAF organizations. For example: for munitions receipts or out shipments, the ROKAF can be advised of the concept of operations, types of munitions, storage or breakout location, mode of transportation, etc., without divulging quantities, origin or destination, and timing. The medium used to transmit the information (i.e., checklist, flow plan, letter) to the ROKAF will be determined by the senior QAE. Limiting factors, shortfalls, and constraints must be identified to 607 ASUS/LGW.

40.5.4.14. Conduct and document explosive safety and maintenance training of USAF and ROKAF supervisors and technicians.

40.5.4.15. Develop bilingual Local Operating Instructions (LOIs), with assistance of 607ASUS/LGW personnel and Korean translator to maintain munitions in a safe, reliable manner. LOIs will be signed by the ROKAF Maintenance Supervisor and the Senior QAE. LOIs addressing explosive operations must be coordinated through 607 ASUS and ROKAF Squadron Commander.

40.5.4.15. Notify 607 ASUS/LGW staff office of any ROK facility construction or modification.

40.5.4.16. Ensure security requirements for CAS-B are maintained.

40.5.4.17. Send all AFTO Forms 22 through 607 ASUS/LGW or respective munitions flights for review.

40.5.4.18. Area security will be IAW ROKAF regulations and policies. QAEs will monitor and ensure the requirements of AFI 31-101 and DoD 5100.76-M are met.

40.5.4.19. Ensures TCTOs on munitions and MMHE are accomplished and reported using one of the approved TCTO Tracking Systems listed in T.O. 00-15-5. For 8 and 51 FWs, TCTOs will be tracked through their respective Munitions Control Sections.

40.5.4.20. Ensures Tactical Missile Record System (TMRS) is updated on all missiles and components. ROKAF personnel may assist with this requirement; however, the Senior QAE will ensure accomplishment.

40.5.4.21. Establish and forward a list of tasks requiring in process inspection (IPI) to the 607ASUS/LGW for approval. The 8 and 51 FW Munitions Flights will maintain and forward IPI updates to 607ASUS/LGW. The listing will include work unit code, nomenclature and the step within the task that requires the IPI. IPIs will be performed by USAF QAEs and are documented by entering on the work order or locally developed form the statement "IPI complied with," date, and signature of the USAF QAE that performed the IPI.

40.5.4.22. 607ASUS/LGW will combine and submit one consolidated COB MAGNUM budget. The 8 and 51 FW will submit their financial plans through their appropriate channels and provide information copy to 607 ASUS. These budget requests are in support of International Agreement FB52CX-MOUI-2004.

- 40.5.4.23. Develop plans for denial of conventional munitions and components IAW Chapter 44. Osan and Kunsan MAGNUM will consolidate denial plans with respective main base at the option of 607ASUS/LGW and applicable flight chief.
- 40.5.4.24. Ensures the dispersal of WRM munitions IAW paragraph 4.1.3. MAGNUMs collocated with an on base storage location are considered one area for dispersal purposes.
- 40.5.4.25. 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 senior QAE. If a USAF QAE is appointed as a munitions inspector they will be appointed by the respective commanders.
- 40.5.4.26. Ensure key and padlock procedures outlined in Chapter 5 are complied with. MAGNUMs will use either a mechanized run or letter format signed by the QAE and the ROKAF senior supervisor to authorize personnel to issue and receipt for keys to munitions storage structures.
- 40.5.4.27. Locally Manufactured Munitions Equipment (LMME). LMME encompasses all equipment which handles, transports or supports munitions (except storage shelves) or gauges, measures, tests or verifies systems, subsystems, components or item integrity. Coordinate LMME requests IAW Chapter 7 through 607ASUS/LGW.
- 40.5.4.28. Use of DD Form 1500-Series Tags and AFTO Form 350. Procedures outlined in paragraph 7.5 will be complied with.
- 40.5.4.29. Ensure ROKAF personnel perform static ground and lightning protection inspections IAW DoD 6055.9-STD, AFMAN 91- 201, AFI 32-1065 and TO 11N-20-2 and document these inspections.
- 40.5.4.30. Ensure materiel/product deficiency reporting (MDR/PQDR) is accomplished IAW T.O. 00-35D-54. 607ASUS/LGW, 8 or 51 FW Munitions Flights will function as QA for MDR/PQDR purposes.
- 40.5.4.31. Maintain a master ID list for equipment items owned by the MAGNUM IAW para **5.1.3.3**. ROKAF personnel may maintain the list.
- 40.5.4.32. All MAGNUMs will establish and maintain a deferred discrepancy file on munitions and equipment. The deferred discrepancy file will be divided into two sections, awaiting maintenance (AWM) and awaiting parts (AWP). Items in AWM or AWP status will be tagged with the appropriate DD Form 1500-series tag. In addition, the document number for items in AWP status will be annotated on the work order in the file.
- 40.5.4.33. A central control point for each MAGNUM is required. It must have adequate communications for emergency notification, and as a minimum one class "A" phone with secure voice capability.
- 40.5.4.34. Ensure a weekly and monthly maintenance schedule is published by the ROKAF with USAF QAE assistance.
- 40.5.4.35. Comply with AUR missile serialization plan as stated in T.O. 21M-1-101. Blocks of serial numbers to be used are listed in paragraph **3.1.6.4.1**. Units assigned blocks of serial numbers will maintain a log showing serial numbers used and available.
- 40.5.4.36. Establish a schedule of test due dates and date next test will be performed for FSC 1325 computer control groups, GBU-15/AGM-130 components, precision guided munitions (PGM) and associated

support equipment. These items should be scheduled throughout the calendar year to balance MAGNUM workload.

40.5.4.37. Prepare the Munitions Capability Report (RCS: HAF/ILM(Q)-9901) IAW Chapter 10, and submit to 607ASUS/LGW for consolidation except for 8 and 51 FW Munitions Flights. ROKAF personnel may assist or accomplish this report.

40.5.4.38. Manage a munitions inspection program IAW paragraph 4.2.

40.5.4.39. USAF QAE personnel will be the only personnel authorized to clear discrepancies for special certification purposes. A letter will be submitted to 607 ASUS/LGW for approval. The 8 and 51 MAGNUMs will submit requests to the appropriate munitions flights for approval. It will list names and type of certifications authorized. A copy of this letter or the special certification roster will be available in the workcenter.

40.5.4.40. 8FW, 51 FW, and 607MMS Weapons Safety Offices maintain all site plans and exemptions to QD standards. These Weapons Safety Offices will provide the Senior QAE with a current NEW guide and listing. This listing will be validated annually.

40.6. Munitions Criteria:

40.6.1. Although they may be in the same storage structure, War Reserve Stocks for Allies (WRSA) munitions will be separated from USAF WRM stocks. All WRSA stocks will be marked with the appropriate FV account number and will not be marked with the term "WRSA".

40.6.2. WRSA and USAF WRM stocks will be maintained on separate stock record account numbers (SRANs).

40.6.3. Inspection samples for periodic surveillance of the stockpile will be based on the sum of both the WRSA and USAF WRM stocks if the same lot is in both accounts.

40.7. Munitions Operations Responsibilities . Each Accountable Officer will:

40.7.1. Maintain accountability of all assigned munitions IAW AFI 21-201.

40.7.2. MAGNUM MASOs will continue as the MASO during contingencies, emergency operations, exercises, and inspections.

40.7.3. Maintain separate munitions stock accounts for WRSA.

Chapter 41 (Added)

TACTICAL AIRMUNITIONS RAPID RESPONSE PACKAGE (TARRP)

41.1. The TARRP concept was developed to provide munitions support from Kadena AB for deployed tactical aircraft of another unit within the Pacific AOR (notional deployment). TARRP is a standalone mobility tasking for Kadena. TARRP has been sized to support limited sortie generation rates for short duration at bare base locations where there are no munitions prepositioned. TARRP packages consist of complete round munitions to support fighter-type aircraft. Consult MEFFPAK for quantities and capability information. The package also includes a munitions emergency destruction capability. TARRP does not provide nuclear or chemical munitions capability.

41.1.1. HQ PACAF/LGW is the command OPR for the TARRP and in conjunction with applicable HQ PACAF staff agencies will:

41.1.1.1. Develop a War Consumables Distribution Objective (WCDO) for TARRP configuration requirements.

41.1.1.2. Direct munitions and component modernization and upgrade to include RDOs as required to ensure asset availability.

41.1.1.3. Define Unit Type Code (UTC) composition and capability statements.

41.1.1.4. Coordinate between HQ PACAF and USCINCPAC so that TARRP deployment is potentially deconflicted with any other large mobility operation at Kadena AB.

41.1.1.5. Coordinate between HQ PACAF and USAF staff agencies on unit submitted requests for waivers to move incompatible explosives by air.

41.1.1.6. Provide 18 MUNS with a priority listing of UTCs/munitions types.

41.1.2. The 18 WG/CC will:

41.1.2.1. Ensure chapters 20 (Transportation), 21 (Air Mobility Operations), 22 (War Reserve Materiel) and 25 (Munitions) to 18 Wing Base Support Plan as well as the Installation Deployment Plan(Ref. PAC-AFI 10-404) address all facets of TARRP munitions build-up and deployment.

41.1.2.2. Direct the responsible agencies on Kadena AB to support TARRP deployment.

41.1.2.3. Evaluate TARRP readiness by conducting an exercise at least semiannually. The Exercise Evaluation Team will grade each exercise.

41.1.3. The 18th MUNS will:

41.1.3.1. Act as UTC pilot unit and as OPR for all local matters pertaining to TARRP.

41.1.3.2. Determine which UTCs should be pre-palletized based on anticipated taskings and unit capability. Configure 463L aircraft pallets for rapid deployment IAW cargo loading manuals (T.O.s 1C-5A-9, 1C-130A-9, 1C-141B-9, and 1C-17A-9), and higher headquarters directives. Size and configure UTCs to conform to the allowable cabin load (ACL) of the C-130 unless otherwise directed.

41.1.3.3. Ensure that element, flight, and squadron responsibilities are detailed in writing to support TARRP deployment and mission.

41.1.3.4. Maintain the capability to deploy TARRP at the rate of one C-130 aircraft load (or equivalent) per hour and a total of 10 C-130 aircraft loads in a 24-hour period. First airlift takeoff time will be approximately 12 hours after receipt of deployment notification, continuing until the TARRP is completely deployed, the 10 C-130 load ceiling is reached, or the exercise or contingency is terminated by higher headquarters authority.

41.1.3.5. Ensure Munitions Control acts to direct, control and coordinate the internal activities of the overall TARRP outload effort. 18 MUNS will use the Kadena Installation Deployment Plan as guidance for deployment of TARRP assets. Munitions Control will comply with Deployment Schedule of Events (DSOE) and changes thereto, resolve problems, direct deployment information to the Deployment Control Center (DCC) and act as the focal point between 18 MUNS and the DCC. Information required by the DCC will include, but is not limited to:

41.1.3.5.1. Cargo assembly start and complete times for each chalk.

41.1.3.5.2. Cargo marshalling start and complete times for each chalk.

41.1.3.5.3. Cargo JI start and complete times for each chalk.

41.1.3.6. Ensure sufficient personnel, cargo-handling equipment, and transport vehicles are either authorized or available at Kadena AB.

41.1.3.7. Ensure hazardous cargo (munitions) are properly labeled and all associated documentation are prepared for air shipment IAW AFJMAN 24-204.

41.1.3.8. Inspect and maintain 463L aircraft pallets, nets, binders, chains and tie-down straps to deploy TARRP. Obtain assistance from the 733 AMSS/TRK and 18 LSS/LGLX as necessary. NOTE: WRM pallets and nets are a PEC 28031 (non-munitions WRM) expense. POC for funding is 18 LSS/LGLX.

41.1.3.9. Report TARRP capability quarterly to PACAF/LGW, 607th ASUS/LGW, 605th ASUS/LGMW, and 613th ASUS/LGYW. Report headings will include at a minimum UTC, complete-round name, quantity tasked, quantity capable of building, quantity of pallets per UTC, quantity of complete rounds per UTC, quantity of UTCs built, gross weight per UTC, NEW per UTC, CIC, total quantity of complete rounds, and a remarks section to report shortfalls.

41.1.3.9.1. Report will be unclassified; therefore, can be distributed by NIPRNET e-mail. Obtain e-mail distribution list from PACAF/LGWX.

41.1.3.10. Use Table of Allowance 802 for AGE and support equipment needed to support TARRP.

41.1.4. The 733 AMSS will:

41.1.4.1. Direct aircraft loading operations during deployment of TARRP. The DRCC will coordinate the cargo staging at the Alert Holding Area and the Call Forward Area IAW DOD 4500.9-R Part III.

41.1.4.2. Perform required Joint Inspections (JI) NET 24 hours prior and NLT 6 hours prior to scheduled ETD. The DRCC will determine the SOE for the type of operations to be conducted.

41.1.4.3. Provide MMHE, technical support, aircraft control, and airflow information for loading IAW DOD 4500.9-R Part III.

41.1.5. The 18 TRANS will:

41.1.5.1. Ensure the 18th MUNS is provided authorized vehicles and materiel handling equipment (MHE) to deploy TARRP. Ensure a Mobile Maintenance vehicle is dispatched to 18 MUNS at the start of

TARRP deployments to expedite all repairs and replace unserviceable transport vehicles during exercises and deployment.

41.1.5.2. Compile and distribute shipping documentation as required.

41.1.5.3. Provide pre-load plans for the outload of TARRP munitions.

41.1.6. The 18 LSS/LGLX will:

41.1.6.1. Ensure the DCC serves as the deployment command and control function. The DCC will publish a DSOE based on scheduled TARRP-dedicated aircraft departure times. The DCC will ensure that Munitions Control is providing timely and accurate deployment data based on paragraphs 41.1.2.5.1. through 41.1.2.5.3.

41.1.6.2. Execution timing should support having the first C-130 ready for takeoff by Q+12 h.

41.1.7. Implementing TARRP. During crisis action planning for a contingency munitions requirements will be identified. PACAF/LGW will source assets to fill requirements and make entries in TPFDD to identify airlift requirements to USTRANSCOM. PACAF/LGW will identify tasked TARRP UTC(s) in TPFDD. 18 MUNS will also be provided telephonic, e-mail or message notification that TARRP is being tasked.

41.1.8. To measure training and procedural effectiveness, TARRP will be exercised at least semiannually. Exercises will be scaled down versions of the full-scale deployment operation but will include as many aspects of actual deployment as local conditions permit. Each affected organization will participate. The base exercise evaluation team augmented as necessary for expertise in the evaluation areas outlined below will evaluate exercises. Exercise evaluation reports will be distributed IAW AFI 10-403/PACAF1, para. 2.3.3.1. Exercise evaluation will include:

41.1.8.1. Deployment notification and subsequent responses including command and control procedures and effectiveness, recall, and timing actions and events.

41.1.8.2. Munitions Operations including pallet outload, marshaling, and deployment.

41.1.8.3. Air transportation including after JI cargo staging and inspection of documentation, special handling, terminal operations, fleet services, load planning, aircraft loading, safety and security, weapons safety, ground safety, resource protection, mission support, resource management, and mobility processing as tasked.

41.1.8.4. Exercise simulations are discouraged. Realism should be the goal of both evaluator and participant.

41.1.9. AFMAN 91-201 Explosive Safety Standards will be observed at all times.

Chapter 42 (Added)

DENIAL OF US TITLED CONVENTIONAL MUNITIONS & COMPONENTS

42.1. General. This section provides guidance for denying the use of 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.

42.2. Responsibilities. The decision for denial/destruction of US titled conventional munitions and components will be made by the appropriate responsible individual as specified herein.

42.2.1. If normal command, control and communications (C3) exist, destruction will be executed only by direction of COMPACAF.

42.2.2. Under emergency conditions, the decision to destroy must be made at the highest level consistent with the situation, time, and communication available.

42.2.3. 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 on-scene commander.

42.3. Objectives:

42.3.1. 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, demilitarization, or any other means which renders the items completely unusable.

42.3.2. Priority order of denial.

42.3.2.1. Classified munitions and components.

42.3.2.2. Air base ground defense munitions.

42.3.2.3. All other munitions.

42.3.3. 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.

42.4. Methods of Denial. Destruction will be used when loss or compromise cannot be prevented:

42.4.1. In time of emergency, the destruction of individual munitions components may not be practical. Therefore, the facility containing munitions and components may be destroyed using demolition instructions obtained from T.O. 11A-1-42.

42.4.2. Specific methods of destruction are intentionally left to the resources and discretion of local commanders who are best able to assess their situation.

42.4.3. Advance preparation for destruction may be accomplished provided compatibility criteria (AFMAN 91-201) are not violated to allow destruction in the minimum amount of time. However, to avoid the likelihood of inadvertent or unauthorized destruction, pre-assembled initiating system(s) should not be installed until the local commander (or higher authority) determines local threat conditions are eminent. Connection of power sources or fuze igniters to initiating systems should be made only upon receipt of a valid destruction order.

42.5. Denial Plan. Korea-based units will develop a plan to deny the use of US titled conventional munitions and components. PACAF units that deploy to Korea will co-develop plans based on their deployment location and not their home base storage area. Further, they will train and demonstrate capability as required by paragraph 42.6. To ensure system reliability, a qualified 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, and must be approved by the squadron commander or higher authority. Andersen AFB will develop a denial plan for the destruction of Category I through III items only. Additionally:

42.5.1. Unit commanders will ensure denial plans are published and contain specific methods of destruction to satisfy objectives in paragraph 42.3.

42.5.2. The plan should be coordinated through appropriate base agencies (e.g., Safety, Air Base Operability Officer, Fire Department, Security Forces, Command Post) to ensure it provides the safest and most feasible method of destruction. An annual review will be accomplished to ensure priorities are current IAW local threat assessments, assets on-hand, and applicable directives. A copy of the unit plan for Korean bases will be forwarded to 607ASUS/LGW.

42.6. Exercise and Training Requirements: Munitions units with mobility taskings will set up an annual training program for Emergency Destruct of Munitions (EDM) of classified conventional munitions, classified test equipment, unclassified munitions, and classified T.O.s and files based on their deployment location. Use of live munitions on the EOD range is not authorized for this training. These procedures will be exercised during local and Higher Headquarters exercises for units with in-place and mobility taskings. Training will include:

42.6.1. Familiarization with EDM materials and procedures.

42.6.2. Hands-on training using materials. Use of inert items is mandatory.

42.6.3. Procedures to set up charges on classified munitions, test equipment, and other munitions most likely located at the deployed site.

42.6.4. General. Denial of conventional munitions components by destruction is a last resort. However, destruction training and exercises of denial plans must be conducted to provide proficiency training for designated personnel. Training will ensure personnel are familiar with the plan and are proficient in their assigned tasks. Live initiating components (time fuze, detonation cord, igniter, caps, etc.) will not be used during practices or exercises. However, training items must be procured or locally fabricated to ensure realistic training. Training will include familiarization with demolition materials including hands on training in the use of detonating cord, time fuses, blasting caps, or shape charges as applicable. Use of inert items is mandatory. Those units with more than one storage area that requires denial may alternate proficiency training and exercises between areas. MAGNUMs will require a plan; however, training for MAGNUM QAEs will be at the main operating base.

42.6.5. Unit commanders are responsible for designating and ensuring personnel receive and document appropriate training (623s, 797s, or CAMS) and exercise their denial plan as specified herein.

42.6.6. Training or exercise intervals will be determined by the munitions flight chief; however, training intervals will not exceed 12 months. Personnel assigned to short tour locations will be trained within 60 days of arrival.

42.6.7. During PACAF Inspector General (IG) inspections, the denial of conventional munitions and components plan may be reviewed by the IG to ensure they are complete and meet the objectives outlined in paragraph 42.3. 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.

42.7. Inspection Requirements:

42.7.1. A denial inspection checklist should be developed for pre-assembled initiating systems. Pre-assembled explosives items will be inspected annually and documented on AFTO Form 102. The AFTO Form 15 or CAS-B will be updated only if discrepancies are found.

42.7.2. Explosive items not assembled will be inspected and maintained IAW applicable specific item T.O.

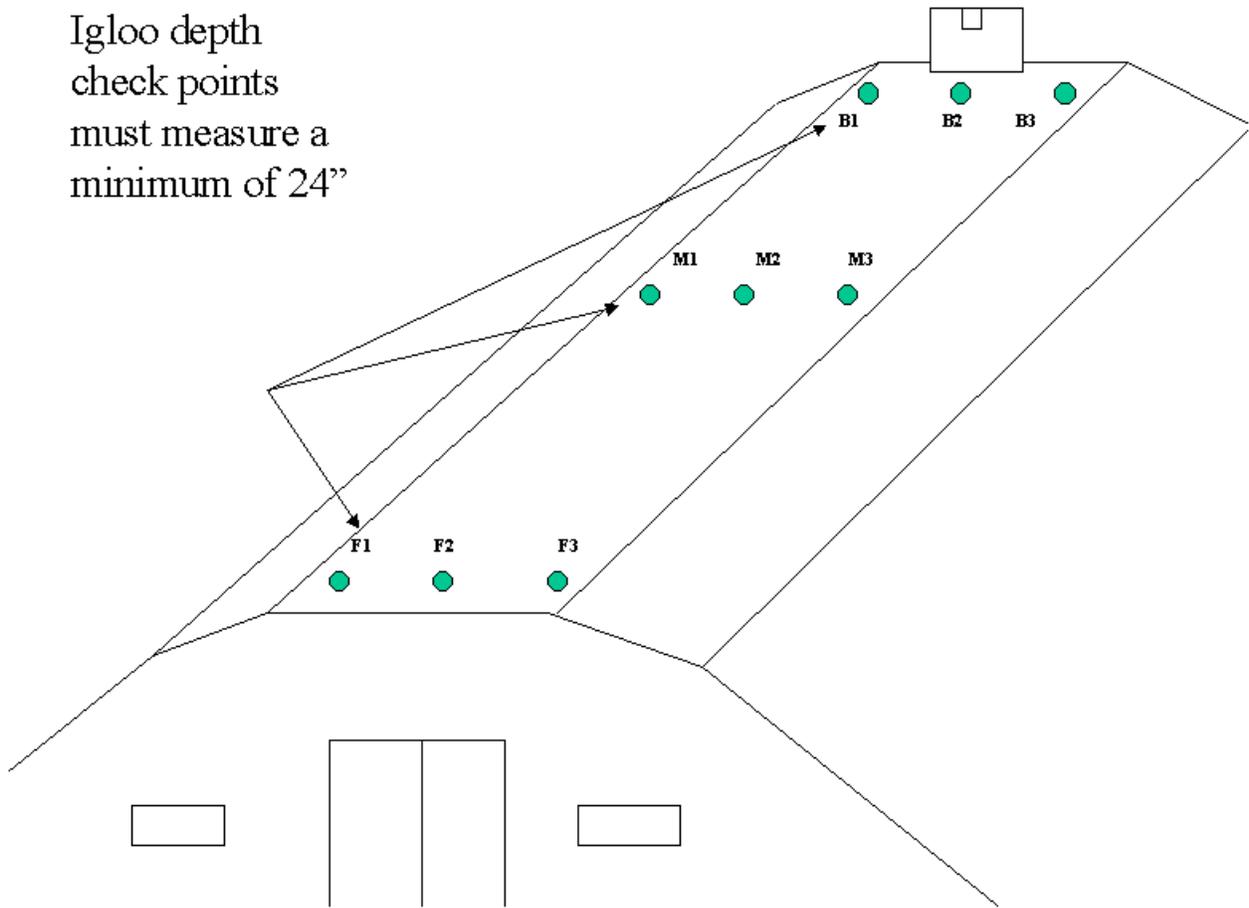
42.7.3. Munitions/Component Forecast. Forecast required training and explosive assets to satisfy objectives IAW Chapter 13 and AFCAT 21-209.

A3.1. The MASO is the final approving authority for all AF Form 1996s.

A3.2.3. Do not forward MASO approved AF Form 1996s to the MAJCOM. The MASO is the final approving authority for all AF Form 1996s.

Sample Annual Igloo Earth Cover Measurement Diagram

Igloo depth
check points
must measure a
minimum of 24"



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