



NUCLEAR WEAPONS PROCEDURES

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AFI 21-204, 16 September 2003, is supplemented as follows: This supplement applies to all United States Air Forces in Europe (USAFE) units that maintain a capability to maintain, handle and account for nuclear munitions. It is published according to provisions of AFI 33-360, Volume 1, *Publications Management Program*. Send comments and suggestions for improvements, through channels, using AF Form 847, Recommendation for Change of Publication, to the Weapons Maintenance Branch (HQ USAFE/A4WN), Unit 3050, Box 105, APO AE 09094-0105. Maintain and dispose of records created as a result of prescribed processes in accordance with Air Force Records Disposition Schedule in Web-RIMS.

SUMMARY OF REVISIONS

This supplement contains numerous changes to comply with the latest AFI 21-204 revision. Due to significant changes to AFI-21-204 this supplement has been considerably reduced. The Quality Assurance program previously specified for Munitions Support Squadron (MUNSS) has been incorporated into the supplement and is no longer part of **Chapter 14 (Added)**. **Chapter 14 (Added)** has been renamed *Munitions Support Squadron (MUNSS) Load Monitor Requirements*. Procedures are provided for custody transfer of weapons during Follow-on Alert Generation. Weapon transfer certification requirements have been changed to support the basic guidance. A bar (|) indicates revision from the previous edition.

1.3.4.1.5.1. (Added) Request must be forwarded to HQ USAFE/A4WN for approval.

1.3.4.1.5.2. (Added) Limited Life Components may be returned to the continental United States (CONUS) as opportune cargo with HQ USAFE/A4WN approval.

1.3.4.1.7. HQ USAFE/A4WN is the designated Stockpile Manager and Logistics Agent for nuclear weapons maintenance and Nuclear Ordnance Controlled Materiel (NOCM) reporting.

1.4.1.2. Refer to ED 60-12, *Nuclear Surety Management for the Weapons Survivability and Security System* for additional restrictions.

1.4.2.5. Sections must also have the ability to send and receive classified DMS message traffic with Flash priority.

1.4.2.9. For Weapon Storage and Security System (WS3) code module procedures see USAFEI 33-201.

1.4.2.10.1. (Added) Certifies the Access Approval or Access Authority List (AAL) and Entry Authorization Listing (EAL) (see ED 60-12).

1.4.3. MUNSS Logistics Flight Management (Flight Commander or Superintendent) serves as Weapons or Munitions Supervision.

1.4.3.1. Coordinate and schedule maintenance activities with host nation maintenance and operations activities. Consolidate maintenance requirements to reduce weapon exposure.

1.4.3.6.1. (Added) Test and handling equipment status will be tracked using the HQ USAFE/A4WN website. Submit updates (format provided by A4WN) by the end of each month.

1.4.3.6.2. (Added) Units will identify POCs (primary and alternate) for equipment issues.

1.4.3.7. See ED 60-12 and USAFE Supplement 1 or 2 for additional requirements. Establish requirements for ED 60-12, USAFE Sup 1 or 2 through HQ USAFE/SF, Operations Division (USAFE/SFON).

1.4.3.15. MUNSS coordinate with host nation as required to ensure adequate support.

1.4.3.16. MUNSS will follow the host nation hazardous waste program.

1.4.3.17. (Added) Publish logistical movement plans for SAAM or hazardous cargo. Ensure a pre-mission briefing is held with appropriate host nation and US agencies. Manage all logistics movements and coordinate the actions of involved agencies. See ED 60-12 for additional requirements.

1.4.3.18. (Added) Ensure the senior munitions member serving as the technical and safety advisor on a nuclear weapons convoy is an NCO or above that is JQS qualified and fully knowledgeable of tie-down, transportation, handling, command disable and emergency procedures.

1.4.3.19. (Added) Ensure compliance with host nation FOD programs.

1.4.5.2. The MASO or designated representative will ensure a quality-control check is performed prior to submitting all SWIM generated reports. Document this check on the file copy of the report.

1.4.5.13.3. The MASO will develop actual or exercise SEV EAC for Munitions Control and affected agencies (i.e., LMF, command post). Include MASO and key personnel recall or standby procedures.

1.4.5.13.3.1. (Added) Upon initiation of a SEV or SEV test the MASO will ensure the NOCM or munitions operations section provides physical (in the office) 24-hour coverage. This coverage will be maintained until released by HQ USAFE/A4WN.

1.4.5.13.9. (Added) Local procedures to receive diverted SAAM missions will be included.

1.4.5.14. (Added) The MASO will designate in writing individuals authorized to sign all accountable documents and perform quality control checks and review documents on their behalf.

1.4.6. The MASO is the weapons custodian. Ensure the MASO appointment letter reflects this requirement.

1.4.6.2.1. (Added) The MASO will sign the AAAL according to ED 60-12.

2.2.2.1. See ED 60-12 for additional LMR Requirements.

- 2.3.1. Maintain completed work orders for a minimum of 30 days.
- 2.3.5. MUNSS and MOB's will track quantity and locations of assigned weapons Limited Life Components and unassociated major weapons assemblies (i.e. noses, pre-flights and parachutes) Type 3A/E Weapon Trainers, Joint Test Assemblies (JTA), Compatibility Test Units (CTU).
- 2.3.6. MUNSS control will maintain a copy of the host nation LPS historical records of inspection and testing results.
 - 2.3.6.1. (Added) For United Kingdom (UK) installations, record lightning protection and static grounding systems inspection and test results on the appropriate Royal Air Force (RAF) Form.
 - 2.3.7.1. Munitions control will maintain a copy of active AAAL or EAL.
 - 2.3.7.2. USAFE units (including MUNSSs) will maintain status for all equipment and vehicles on the NCE primary usage list, regardless of ownership. This list will be routinely validated with the USAF Master Nuclear Certification List to ensure certification accuracy.
 - 2.3.7.6. See ED 60-12.
- 2.4.3.1. (Added) EACs must include the following: EE, CD, Recapture, denial, SEV, Avoid Amber, Avoid Red, aircraft generation, Broken Arrow, NUC Flash, Empty Quiver, Bent Spear, MARE, disassociate, reassociate, convoy emergency.
- 2.6.2.1. (Added) Work orders (AFTO Form 349, *Maintenance Data Collection Record* or locally developed equivalent). Do not use work unit code, action taken, How Malfunctioned (HOW MAL), and when discovered codes field.
- 2.6.2.2. (Added) Classify job control number (JCN) registers based on the included information sensitivity.
- 2.6.2.3. (Added) Do not collect or enter war reserve weapons data into Combat Ammunition System (CAS) or Core Automated Maintenance System (CAMS). Use only those procedures in TO 00-35D-54, *USAF Material Deficiency Reporting and Investigating System*, TO 11N-35-50, *Instructions for Completion of Nuclear Weapons Information Reports*, and CJCSM 3150.04, *Joint Reporting Structure Nuclear Weapon Reports*, to report the status of war reserve weapons. Maintenance data reporting for all other NOCM items is not affected.
- 2.6.2.4. (Added) USAFE units may use any available process or database to schedule and manage maintenance.
- 2.6.5. Units will create a monthly and quarterly forecast.
 - 2.6.5.2. No later than the 22d of each month provide HQ USAFE/A4WN with a WSV opening forecast for the following month. The HQ USAFE published schedule is the official authorization to commence with scheduled operations, unless otherwise notified by the HQ USAFE Command Center via unit command post. Any deviations from the published schedule will be coordinated with and approved by HQ USAFE/A4WN.
- 3.1. For MUNSS host nations are responsible for aircraft specific programs (e.g. FOD, W&B).
 - 3.1.4. MUNSS Maintenance Superintendents may conduct EPEs on QA Certifying Officials.
 - 3.1.4.1. (Added) Current EPE documentation for all certifying officials must remain on file with the QA.
 - 3.2.1. MUNSS Commanders may designate TODO management as necessary.

- 3.2.3.1. (Added) QA evaluators will attend the maintenance or munitions monthly scheduling meeting to determine QA evaluation and inspection requirements.
- 3.2.3.2. (Added) d) QA will assist in identifying IPIs as necessary.
- 3.3.1.2. Includes any equipment identified in unit plans.
- 3.3.1.4. Inspect equipment listed on the primary usage NCE list.
- 3.3.1.5. Inspect vehicles listed on the primary usage NCE list.
- 3.3.1.9.1. (Added) QA should perform WS3 vault inspections (TI's or PE's) in conjunction with annual preventive maintenance or stockpile maintenance.
- 3.3.1.10.1. (Added) Code Transfer Group (CTG) Material. CTG maintained for caretaker units is exempt.
- 3.3.2. QA section will evaluate at least 25 percent of the following each quarter:
 - 3.3.2.3. Includes packing LLC containers for shipment and backfill operations.
 - 3.3.2.11. (Added) Evaluate a minimum of two WS3 module coding operations per quarter.
 - 3.3.2.12. (Added) Inspect and or evaluate the NOCM section quarterly.
 - 3.3.3.3. QA will perform at least one no-notice inspection or evaluation on each work center per quarter.
 - 3.3.3.5.9. Team chief is ultimately responsible for the task and is charged with all team member undetected or uncorrected procedural errors.
- 3.4.1.3. Personnel are not certified as TM or TC. All personnel certified on transfer/transport tasks must be able to demonstrate proficiency in all task areas that individual is qualified to perform. This includes use and application of all associated technical data. Unit may elect to certify as TM and TC separately, if this is done a TC will supervise all tasks and be responsible for TM performance.
 - 3.4.1.4.2. Individuals certified on transfer or transport will be qualified on CDS activation.
 - 3.4.1.4.3. This also applies to PAL Lock/Unlock (Release) Teams.
- 4.1.1.1. (Added) Non-operational weapons must be returned to operational status as soon as possible, not to exceed (30) duty days following UR disposition and/or receipt of required replacement parts. If this timeframe cannot be met, Maintenance Group (MXG) or equivalent or MUNSS commander must request a waiver to this requirement from HQ USAFE/A4WN.
- 4.1.1.2. (Added) If the weapon cannot be fully reassembled, the MUNSS or MXG commander or equivalent may authorize temporary storage outside of the WSV as a last resort. Units must make every attempt to store weapon in WSV at the end of the duty day.
 - 4.1.2.1. (Added) USAFE units refer to ED 60-12 for additional restrictions.
- 4.1.3. Units will maintain certification IAW Maintenance Capabilities Letter.
 - 4.1.8.1. (Added) Concurrent operations with training and WR weapons are not authorized in the PAS.
 - 4.1.11. Individual performing visual inspections must be a JQS qualified E5 or above. Visual inspections will not be performed by the quality assurance (QA) inspector evaluating the operation.
 - 4.1.12.1. (Added) Annotate each T.O. and checklist step identified as an In-Process Inspection (IPI) point on the affected page (not on the plastic cover) to clearly identify the step as requiring an IPI before proceeding.

4.1.18.1. (Added) Type 3 trainers may be stored in the vaults when not being used. Trainers will not be stored with WR weapons. See ED 60-12 for additional restrictions on B61 Type 3/E (RWT).

4.1.19.1. (Added) Inspect load crew nuclear training shapes at intervals specified in the applicable T.O. or at intervals established by the munitions supervision not to exceed 180-days. Document inspections and maintenance actions performed on load crew training and drop shapes on AFTO Form 95, or AFTO Form 244, as applicable.

4.1.20. For MUNSS, Host Nation Wing Commander with concurrence from the US Custodian authorizes such movements.

4.1.24. (Added) **Weapons Maintenance Truck (WMT) fleet policy :**

4.1.24.1. (Added) Units will update WMT status on the Warner-Robins-Air Logistics Center (WR-ALC) WMT Status web page as changes occur or at least monthly. The website can be accessed through the HQ USAFE/A4WN homepage <https://wwwmil.usafe.af.mil/direct/A4/A4w/A4wn>.

4.1.24.2. (Added) The WMT fleet is positioned to allow all units access to a spare truck in the event their WMT becomes unusable. Volkel AB, Kleine Brogel AB, and Buechel AB will be supported by the second WMT located at Ramstein AB. Ghedi AB will be supported by the second WMT located at Aviano AB. Incirlik AB and RAF Lakenheath have their own back-up WMTs.

4.1.24.3. (Added) Spare WMTs will be provided without associated weapons equipment and CTKs unless, an agreement is reached between the affected units.

4.1.24.4. (Added) WMTs will only be used to support WS3 related operations.

4.1.24.5. (Added) Users are required to complete a prior-to-use inspection and functional check of WMT subsystems, in accordance with TO 36A12-20-3-1, prior to accepting the WMT from the contractor following any repairs or servicing. Document this inspection on the applicable AFTO Form 95 as a "CONTRACTOR ACCEPTANCE INSPECTION."

4.1.25. (Added) **Weapons Storage and Security System (WS3) Policy:**

4.1.25.1. (Added) Units will update WS3 system status on the CPSG/ZIW WS3 Status web page as they occur or at least monthly. The website can be accessed through the HQ USAFE/A4WN homepage <https://wwwmil.usafe.af.mil/direct/A4/A4w/A4wn>.

4.1.25.2. (Added) Weapons storage vault openings will be kept to the absolute minimum. Units will make every reasonable attempt to consolidate all maintenance actions into each vault opening.

4.1.25.3. (Added) Vaults having a non-operational primary operating system may be fully closed. However, do not access the vault using the alternate operating system more than twice without contacting HQ USAFE /A4WN.

4.1.25.4. (Added) WS3 spares management. Headquarters Cryptologic Systems Group (CPSG) provides logistical support for the WS3. WS3 spares with a national stock number ending in material management acquisition code (MMAC) "SM" are budget code "K" (free issue). These spares are provided at no cost to the unit.

4.1.25.4.1. (Added) All free issue WS3 spares will be maintained in an on-hand Mission Support Kit (MSK) according to AFMAN 23-110, *USAF Supply Manual*, Volume II.

4.1.25.4.2. (Added) MSK monitors will be designated by the commander of individuals assuming this duty. Monitors are responsible for the following:

- 4.1.25.4.2.1. (Added) Store the MSK in a secure location that prevents loss and unauthorized access to stock.
- 4.1.25.4.2.2. (Added) Maintain MSK stock at authorized levels. The HQ USAFE/A4WN homepage contains a read-only listing that establishes the minimum authorized levels of each component.
- 4.1.25.4.2.3. (Added) Request increasing an authorized level by submitting an AF Form 1996 through base supply to the appropriate approving authorities: HQ USAFE/A4W and CPSG/ZIW.
- 4.1.25.4.2.4. (Added) Conduct 100 percent MSK inventory semiannually. Document inventories using the Memo For Record listing discrepancies noted and actions taken. Maintain MFRs for 3 years.
- 4.1.25.4.2.5. (Added) MSK monitors will obtain a new R-50 listing monthly and reconcile it against the previous listing and minimum listing on the HQ USAFE/A4WN web site.
- 4.1.25.4.2.6. (Added) Requisition, receipt and issue stock using proper base supply procedures in accordance with AFMAN 23-110.
- 4.1.25.4.2.7. (Added) Notify HQ USAFE/A4WN, <mailto:usafe.A4wn@ramstein.af.mil>, and CPSG/ZIW, <mailto:cpsg.ziw@lackland.af.mil>, of any item on order for more than 30 days. Provide requisition number and any details of requisition history.
- 4.2.1.1.1. Units may (not required) add additional USAFE addressees as info copy for items that have command cross-feed value.
- 5.1.2.1. (Added) It is not necessary to open a vault solely for the purpose of installing or removing a non-operational placard. Establish an AWM action against the weapon to install or remove placard during next scheduled opening.
- 5.3.1.4. Use DD Form 1574, **Serviceable Tag - Materiel**, DD Form 1575, **Suspended Tag - Materiel**, DD Form 1577, **Unserviceable (Condemned) Tag Materiel**, to identify stored property. For all NOCM classified components, in condition tags remarks section, stamp or print "CLASSIFIED ITEM."
- 5.3.1.4.1. (Added) National stock numbers will not be listed on DD Form 1574, DD Form 1575, DD Form 1577 tags for base spare items.
- 5.3.1.4.2. (Added) USAL items will be inspected for serviceability during the semiannual spares inventory. If any unserviceable items are discovered they will be declared excess and a replacement will be ordered immediately.
- 6.1. See USAFEI 33-201, *Operational Doctrine for Safeguarding and Control of Weapons Storage and Security System* for code module access procedures.
- 8.5.1. (Added) Squadron Commanders will appoint primary and alternate custodians by letter. Letter will also include individuals authorized to order and receive items.
- 8.5.2. (Added) WR reportable containers in use for training weapons must be accounted for on a Custody Account. The commander of the requesting organization appoints a primary and alternate custodian via letter and forwards to the MASO for approval.
- 8.5.3. (Added) The custodian will conduct semiannual custody account inventories and forward a signed copy to the responsible MASO.

8.5.4. (Added) Data Control Units (DCU) are managed as NOCM. DCUs will be accounted for in the spares module portion of SWIM and custody issued to the load monitor element. All units holding DCUs will account for them using the following procedures:

8.5.4.1. (Added) MUNSS's who possess Data Control Unit (DCU) will request a letter from the host nation wing commander detailing required quantities of DCUs to meet operational plans. The MUNSS commander and the MASO will sign an AF Form 1996 establishing these levels. The signed AF Form 1996 will then be forwarded to HQ USAFE/A4WS for approval. HQ USAFE/A4WS will in turn coordinate proposed DCU quantities through USEUCOM ECJ5-T prior to signing the AF Form 1996. The AF Form 1996 will be kept on file and be reaccomplished when MASO or commander change.

8.5.4.2. (Added) The MUNSS commander establishes a custody account for DCUs within the load monitor element. Additionally, the commander appoints a primary and alternate custodian from the load monitor element.

8.5.4.3. (Added) Custodian will perform semiannual inventories.

8.5.4.4. (Added) Custodians will maintain an account folder that includes the following:

8.5.4.4.1. (Added) Copy of appointment letter and account authorization.

8.5.4.4.2. (Added) DCU location by serial number.

8.5.4.4.3. (Added) Copies of issue and turn-in documentation (destroy after semiannual validation).

8.5.4.4.4. (Added) Most current semiannual inventory.

8.5.4.5. (Added) When a change in the primary custodian occurs, the departing and newly appointed custodians will perform a 100% physical inventory by part number.

9.7.3.7.1. (Added) Excess spares will be segregated from other stock in the NOCM warehouse.

9.10.2. Units will maintain a minimum of one H-1125A (Cradle) and an appropriate number H-1242 (caster assembly) for each assigned WR weapon to meet all requirements. Additionally, units are authorized one H-1125A (Cradle) and one H-1242 (caster assembly) for each assigned US owned Type-3 trainer.

9.13.1.1. (Added) Units will annotate and keep record of H1616 (container) expiration dates upon receipt.

9.14.2. Place all DD Form 1348-1A, **Issue Release/Receipt Document**, in a sealed, non-transparent envelope and enter the transportation control number (TCN) on the front of the envelope. Make a line entry on DD Form 1911, **Material Courier Receipt**, noting the sealed envelope and TCN. For classified items, retain a copy of shipping document and DD Form 1911 (original) pending return of a signed copy from the consignee.

9.14.2.5. (Added) All "sign and return" copies of DD Form 1348-1A for major assemblies and LLCs must be returned to the previous shipping location (This includes intermediate locations).

9.14.2.6. (Added) DD Form 1348-1A's will be marked as either "MS" (Military Spare) or "BS" (Base Spare) to reflect the item being shipped.

9.14.2.7. (Added) Additional LLC shipping documentation will be placed in the # 1 of XX H-1616 container.

9.15.2. NOCM personnel will develop local procedures (i.e. issue/turn-in request form) for customers to utilize when ordering or turning in spares. Ensure all required information is included in the request so the transaction can be accomplished in a timely manner.

9.15.2.4. (Added) The issue or turn-in, transaction will be documented using a SWIM generated DD Form 1150. DD Form 1150s will be marked "MS" (Military Spare) or "BS" (Base Spare). Fill out the DD Form 1150 using the instructions below:

9.15.2.4.1. (Added) For issues: The "issue or turn in of quantities" block will be signed by an authorized individual who is requesting the items. The "received quantities in supply action column" block will be signed and dated by an authorized recipient of the items.

9.15.2.4.2. (Added) For Turn-ins: The "issue or turn in of quantities" block will be signed by an individual authorized to turn-in items. The "received quantities in supply action column" block will be signed and dated by a NOCM representative.

9.15.2.4.3. (Added) The "request number" block will be left blank: The "remarks block" will be utilized at the discretion of the unit. The "from" and "to" blocks will be filled out with the shop or account of the shipper or issuer or receiver as required (you may have to do this manually). Additional information may be added to any portion of the documents at the discretion of the unit.

9.19.1.2. Units will maintain the last two copies of the SIR package. The packages will include the following items (minimum):

9.19.1.2.1. Certificate of Inventory

9.19.1.2.2. Inventory and Verifying Officer appointment letter

9.19.1.2.3. Special Orders for Verifying Officer

9.19.1.2.4. SIR message and corrections

9.19.1.2.5. Weapons directorate validation message

9.19.1.2.6. Saddlebag inventory letter

9.19.1.2.7. Certificate of audit

9.19.1.2.8. SWIM backup electronic media from the date of inventory

9.19.1.3.1. (Added) When performing a change of MASO inventory in conjunction with a semiannual inventory (SIR), a third person is required to act as the verifying and audit officer. A verification officer is not required for a change-of-MASO inventory. Establish an inventory deadline date; i.e., the date the inventory will begin.

9.19.1.6. (Added) The MASO will include a written briefing for the verifying officer in the local SIR operating instruction (OI) which is published according to guidance provided in AFI 33-360 Volume 1. After the briefing, the MASO and verifying officer sign and date the briefing letter. For MUNSS, the disinterested officer may be from the same unit; however, the officer must not be assigned to the Logistics Flight.

9.19.1.7. (Added) Coordinate a transaction cut-off date with maintenance functions in sufficient time to allow for an uninterrupted inventory.

9.19.4.1. Maintain a copy of the most recent SEV package on file. This package will be used for training and reference as required. As a minimum the package will include:

- 9.19.4.1.1. SEV initiation message
- 9.19.4.1.2. Log or checklists of personnel contacted and times
- 9.19.4.1.3. Weapons custody list from Defense Threat Reduction Agency (DTRA)
- 9.19.4.1.4. Phase II completion message
- 9.19.4.1.5. SEV termination message
- 9.19.4.1.6. After-action report
- 9.21.2. Appointing authority is the MXG/CC or equivalent.
- 9.21.5.5. (Added) All transactions (spares or WSR reportable components) are included in the SWIM generated AF Form 36. Therefore, include all document numbers covering the SIR period on your certificate of audit. It may be necessary to identify to the audit officer which AF Form 36 entries are applicable to WSR reportable assets.
- 10.1.6.3. Refer to ED 60-12 for additional FOA custody requirements.
- 11.1.1.1. (Added) WSR's and QSR's will be tracked on the same control log
- 11.1.2.3. This action includes weapons that are Command Disabled.
- 11.1.3.10.1. (Added) Removed LLC's are reported as condition code red.
- 11.3.1. (Added) Submit report NLT the 10 of the month following the SIR effective date.
- 11.4.1. (Added) Units expending TTIs pending recovery will send an information copy of the QSR to the 435 MUNS.
- 11.8.1. Refer to ED 60-12 and USAFE Supplement for SVA and custody procedures in USAFE.
- 11.8.5. (Added) PAS and WS3 procedures: The following procedures establish are used to ensure that weapons are properly tracked and accurately reported via SWIM, DIAMONDS and WSR processes.
 - 11.8.5.1. Weapon transfer from WSV to aircraft.
 - 11.8.5.1.1. (Added) Munitions Control prepares and issues a work order in two copies for the weapon transfer based on mission tasking. Annotate the weapon serial number on the work orders. Retain copy 2 in suspense and give copy 1 to the vault opening or weapons breakout supervisor.
 - 11.8.5.1.2. Upon access the vault supervisor will verify serial number on work order with the weapon permanent marking.
 - 11.8.5.1.3. Upon transfer of weapon to the load team, the load crew chief or load monitor will verify weapon serial number against work order.
 - 11.8.5.1.4. Upon completion of load, the load crew chief or load monitor will annotate aircraft tail number on the work order and return work order to Munitions Control. Munitions Control keeps copy 1 in active suspense until weapon is expended or returned to storage. Any subsequent changes to aircraft tail number will be provided to Munitions Control and annotated on suspense copy of the work order.
 - 11.8.5.1.5. Upon notification of release or that the aircraft has been placed on alert, prepare an AF Form 1764 to reflect in-hand status of weapons, appropriate OIUC changes and forward it to the MASO (paragraph 11.1).
 - 11.8.5.2. Weapon transfer from aircraft to WSV.

11.8.5.2.1. Upon notification that the aircraft has been removed from alert status or custody returned to US personnel. Prepare an AF Form 1764 to reflect on-hand status of weapons, appropriate OUIIC changes and forward it to the MASO (paragraph 11.1).

11.8.5.2.2. Munitions Control prepares and issues a work order in two copies for the weapon transfer. Annotate the weapon serial number on the work orders. Retain copy 2 in suspense and give copy 1 to the vault opening or weapons breakout supervisor.

11.8.5.2.3. Upon transfer of weapon from the load team, the vault opening or breakout supervisor will verify weapon serial number against work order.

11.8.5.2.4. Upon transfer of weapon to WSV the vault supervisor or breakout supervisor will annotate the work order with vault number and station location and any weapon discrepancies. Provide completed work order to munitions control.

11.8.5.2.5. Munitions control will issue necessary work orders to maintenance to correct identified weapon discrepancies.

12.2.3.1.1. (Added) Units will verify the accuracy of the EUROPE NOSS 1 and 2 upon receipt. If any discrepancies are identified, immediately notify HQ USAFE/A4WN.

12.2.3.2. Unit plans must cover divert procedures according to AFI 11-299.

13.1.5.2.1. (Added) The back-up will be labeled "SWIM back-up" and have the date last backup was performed annotated on media.

13.1.2.1. (Added) As a minimum, the MASO will serve as a "super user" and appoint the noncommissioned officer in charge (NCOIC) of NOCM as a "super user."

Chapter 14 (Added)

MUNITIONS SUPPORT SQUADRON (MUNSS) LOAD MONITOR REQUIREMENTS

14.1. Load Monitor Section. Ensures host nation load crews are qualified and certified to upload or download US owned munitions in a safe and reliable manner. Ensure compliance with all pertinent safety directives and procedures associated with weapon loading activities.

14.2. Senior Load Monitor. Perform Section Chief duties identified in USAFEI 21-101, Chapter 2, and ACE Directive 75-5, *Training in Nuclear Weapons Loading*. The Senior Load Monitor (SLM) will:

14.2.1. Be familiar with deficiency reporting rules contained in TO 00-35D-54. Technicians must understand the need for prompt deficiency reporting. The SLM will identify suspected material deficiencies to QA for investigation.

14.2.2. Ensure load monitors are fully aware of correct actions to take when an abnormal condition or fault indication appears on the aircraft monitor and control (AMAC) unit in accordance with AFI 91-113, *Safety Rules for Non-US NATO Strike Aircraft*, and applicable loading technical orders.

14.2.3. (Germany and Italy only) Ensure tools and technical data are available in the section to perform organizational maintenance and inspection on US owned AMAC units.

14.2.4. Track aircraft certification forms provided by the host nation. The host nation is responsible for providing operational certified aircraft. Load monitors will verify the operational certification has not expired by reviewing the aircraft forms at the load site immediately prior to strike loading. At a minimum verify the 90-day certification and 30-day weapons (if applicable) checks are still valid, fuel quantity meets mission requirements, and there are no open write-ups which affect mission capability.

14.2.5. Establish an equipment account and sign for all AMAC and US owned host required test equipment.

14.3. Aircraft Familiarization and Cockpit Safety Training. Load monitors designated as instructors will receive initial aircraft and cockpit safety training from the host unit during initial certification training. Other designated squadron instructors will receive their training from the load monitor instructors. Document training on a letter signed by the host unit or load monitor instructor. Personnel trained as instructors will, as a minimum, provide this training to all custodial agents and custodial agent augmentees annually. Document this training on AF Form 1098, **Special Task Certification and Recurring Training**, or if the aircraft and cockpit familiarization training is tracked by squadron training, instructors will forward an AF Form 2426, **Training Request and Completion**, to the squadron-training monitor. Maintain a copy of the AF Form 2426 until training is updated on the squadron training product. Designate other squadron personnel as instructors for their section as necessary. The aircraft familiarization-training program will include as a minimum:

14.3.1. Cockpit entry and canopy opening procedures.

14.3.2. Purpose, function and location of the canopy emergency release handle.

14.3.3. Location and proper installation of ejection seat safety pins and devices.

14.3.4. Location and purpose of cockpit AMAC units.

14.3.5. Aircraft danger areas.

14.4. AMAC Maintenance Documentation. AMAC controllers are to be procured, maintained, and turned-in in accordance with this paragraph and AFI 21-204, Chapter 8. AMAC controllers are issued to host nations using custody accounting procedures IAW AFI 21-204 and AFMAN 23-110. Document maintenance performed on the AMAC controllers on an AFTO Form 349 or AFTO Form 95 (maintain an AFTO Form 95 on each AMAC controllers) as applicable. When repairs exceeding those allowed by TO 11N-T5086-2 for the DCU-201/A37, -70 AMAC controllers are required request disposition from AAC/NWD. Upon receipt of disposition instructions prepare AMAC controllers for shipment according to applicable guidance.

14.4.1. TYPE 3A Weapons Trainer. Due to its classified components, the TYPE 3A trainer will not be used for weapons load training. Do not fly any "Type" trainers on strike aircraft. Refer to ED 60-12 for restrictions on use of RWT.

References (Added)

AFI 91-112, *Safety Rules for US Strike Aircraft*

AFI 91-113, *Safety Rules for Non-US NATO Strike Aircraft*

USAFEI 33-201, *Operational Doctrine for Safeguarding and Control of weapons Storage and Security System (WS3)*

Abbreviations and Acronyms (Added)

AAL—Access Approval or Access Authorization List

AB—Air Base

CAMS—Core Automated Maintenance System

CJCSM—Chairman, Joint Chiefs of Staff

CMS—Code Management System

CTK—Consolidated Tool Kit

CTU—Compatibility Test Unit

DCU—Data Control Unit

DIAMONDS—Defense Integration And Management Nuclear Data Services

DMS—Defense Messaging Service

EAC—Emergency Action Checklist

EAL—Entry Authorization List

ED—EUCOM Directive

EPE—Evaluator Proficiency Evaluation

FOD—Foreign Object Damage

LMF—Local Monitoring Facility

LMR—Land Mobile Radio

LPS—Lightning Protection System

MARE—Major Accident Response Exercise

MFR—Memorandum For Record

MSK—Mission Support Kit

NCE—Nuclear Certified Equipment

NOCM—Nuclear Ordnance Controlled Material

RAF—Royal Air Force

TCN—Transportation Control Number

TI—Technical Inspection

WSV—Weapon Storage Vault

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