

**Standard Operating Procedure 700-012**

**Logistics Management: Ammunition Supply  
Point Customer Support Operations**

# **Ammunition Supply Point Procedures**

**407th AFSBn-Cavazos  
LRC-JBSA-Fort Sam Houston, Texas  
78234 23 May 2025**

UNCLASSIFIED

# ***SUMMARY of CHANGE***

SOP 700-012

Ammunition Supply Point Procedures

6-2. Minimum inspection standards for military vehicles transporting ammunition

This minor revision, updated 23 May 2025

Updated Appendix B, DA Form 1687 Notice of Delegation of Authority - Receipt For Supplies, December 2023

Updated Appendix C, DA Form 581 Processing Instructions

Updated Appendix D, DA Form 5692-R Ammunition Consumption Certificate, January 2024

Updated Appendix F, “Short Fuse” Request Memorandum Example

Updated Appendix G, No Call No Show Memorandum Example

Updated Appendix I, DD Form 2890 Multimodal Dangerous Goods Declaration

Updated Appendix J, Request for Extension Memorandum Example

Updated References – Added DA PAM 75-1, AR 190-14, AR 700-28, AR 710-4, and HQDA EXORD 031-24

Added Appendix - Appendix Q, DA Form 5811

Added Appendix - Appendix R, Missile Firing Data Report (HELLFIRE)

Added Appendix - Appendix S, Ammunition Malfunction Report

Added Appendix - Appendix T, Missile and Rocket Malfunction Report

Added Appendix - Appendix U, AR 190-11, Losses/Overages List for AR 15–6 Investigations

Removed Appendix Q, JBSA Amnesty Box Location

Updated Reference - 6-2. Minimum inspection standards for military vehicles transporting ammunition, g. Fire Extinguisher

**407<sup>th</sup> AFSBn-Cavazos**  
**Supply and Services Division**  
**LRC-JBSA-Fort Sam Houston, Texas**

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Ammunition Supply Point Procedures

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**History.** This is the revised publication for ammunition supply point procedures, dated 02 Aug 2023.

**Summary.** This publication provides information on ammunition supply point policy and procedure for supported customers.

**Applicability.** This publication applies to all personnel receiving support from the ASP.

**Suggest Improvements.** The proponent of this publication is the 407<sup>th</sup> AFSBn-Cavazos, Supply and Services Division, Logistics Readiness Center-Joint Base San Antonio (JBSA)-Fort Sam Houston. Users may submit comments and suggested improvements on a DA Form 2028 (Recommended Changes to Publications and Blank Forms) to ASCW-LHO-S.

**Distribution.** This publication may be obtained from 407th AFSBn-Cavazos Share point, (<https://asc.aep.army.mil/afsb/407/AFSBn-Cavazos/default.aspx>). It is the responsibility of the user to ensure they are working with the most current procedure.

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## **Chapter 1**

### **Introduction**

#### **1-1. Purpose**

This standard operating procedure (SOP) prescribes ASP policies and procedures for requesting, receiving, transporting, storing, return of ammunition and residue. In order to ensure that all issue and turn-in requests are processed correctly and efficiently, the following instructions must be followed to receive service at the Ammunition Supply Point.

#### **1-2. References – Publications**

- a. Appendix A/References, Section I, Publications

#### **1-3. Responsibilities**

- a. 407<sup>th</sup> AFSBn-Cavazos provides oversight of the LRC-JBSA-FSH Ammunition Supply Point located at Camp Stanley, Texas. Responsible for the ASP operations and provides government personnel oversight to include appointment of the Accountable Officer, a Material Examiner, a Material Handler, and two Ammunition Stock Control Technicians. 407<sup>th</sup> Army Field Brigade (AFSB) is the higher headquarters for the LRC under the Army Sustainment Command.

- b. Unit commanders are responsible for security and control of the unit's ammunition program and for ensuring that only authorized personnel will receive Class V supplies from the ASP. Units' responsibilities include the managing and accountability of ammunition received from the ASP.

- c. Automated records and DA Form 581's (Request for Issue and Turn-In of Ammunition) are used to record ammunition issues, turn-ins, and direct transactions between the ASP and customers. All transactions will be conducted through the use of Total Ammunition Management Information System (TAMIS) as mandated by Department of the Army.

#### **1-4. Policy**

This external SOP applies to all personnel provided support from the JBSA/Fort Sam Houston ASP. Policies, procedures and responsibilities applicable to organizations outside the AFSBn-Cavazos ASP area of responsibility are coordinated and issued as an official 407<sup>th</sup> AFSB command publication signed by the commander or designated representative.

## **Chapter 2**

### **Hours of Operations and Points of Contact**

## **2-1. Operational hours**

- a. Ammo Bunkers (Camp Stanley/Chapman Annex-MSA): Monday - Wednesday, Friday 0800 - 1500, Thursday Closed
- b. JBSA Fort Sam Houston ASP Office (JBSA-FSH, Bldg. 4055 Rm-B11):  
Mon - Wed and Friday 0730 - 1600 Thursday closed. Lunch 1130 - 1200 hrs.
- c. ASP wall to wall inventories are required for accountability purposes and all ammunition stocks are counted as of a specific date. During wall to wall inventories all receipts, issues and shipments are on hold until completion of the inventory. Wall to wall inventories are coordinated and scheduled quarterly, for five working days (weekends and Federal holidays are not counted).

## **2-2. Phone numbers and buildings**

- JBSA-FSH, Building 4055, Room B-11, 78234
- Camp Stanley, Boerne, Texas 78006
- JBSA FSH-ASP Accountable Officer / Supervisor 210-221-9229
- JBSA FSH-ASP Stock Control Office 210-221-5195, 210-221-5376
- JBSA FSH-ASP Material Examiner & Material Handler 254-702-3876
- Ft Cavazos-Quality Assurance Ammunition Surveillance (QASAS), 254-287-7788/287-7778

## **Chapter 3**

### **Delegation of Authority and Security**

#### **3-1. Delegation of authority-general**

- a. Commanders are responsible for their unit's ammunition program to include control, security, and to ensure only authorized personnel receive Class V items from the ASP. Personnel signing for ammunition must present AAC/Ammo-67 certificate.
- b. Organizations will ensure a valid DA FORM 1687 (Notice of Delegation of Authority-Receipt for Supplies) is on hand with the supporting IAM prior to receipt and/or turn-in of ammunition. Organizations will submit 2 separate DA Form 1687's to the IAM. One identifying those unit-level individuals authorized to request munitions (Block 13a) and receive/sign-for/turn-in munitions and another separate DA FORM 1687 identifying the Approver(s) (Block 14a) of munitions on the e581. The IAM will forward all DA FORM 1687s with receivers to the ASP. Commanders authorize officers, Sergeant (E-5) or higher, and civilian equivalents to sign requests for pickup of ammunition. Only persons in the rank of Sergeant (E-5) or higher and civilian equivalents are authorized to receipt for CAT I and II ammunition per AR 190-11. Commanders may not delegate the ability to both request and approve Class V requests to the same person.
- c. The ASP is required to maintain a DA Form 1687 (Notice of Delegation of Authority-

Receipt for Supplies) for all personnel authorized to request, receive or turn-in ammunition.

- d. The ASP requires DA Form 1687 and the Assumption of Command Orders for the battalion commander. Original copies are filed at the Stock Control Office, a certified (Service Member Copy) copy is provided to the unit. Units traveling to the ASP from outside the immediate vicinity will be allowed to sign for their certified "SERVICE MEMBER COPY" at the ASP on the morning of their ammunition draw. All others must come to the Ammunition Stock Control Office to sign for their copies.
  - e. All entries on the DA Form 1687 will be typed. Signatures on DA Form 1687 will be digital. The electronic signature carries the same legal obligation and responsibility as a handwritten (ink) signature. Per AR 710-4, personnel are required to digitally sign the DA Form 1687.
- a. Submit a new DA Form 1687 when:
    - (1) The commander changes.
    - (2) Delegated personnel listed are no longer a part of the organization.
    - (3) Additional personnel are added to request, receive or turn-in Class V
    - (4) Card(s) have expired.

**Note:** A signature card will not be valid if any element of data becomes outdated or changed, this will require a new card. See notes in Appendix B for more examples. Failure to possess a valid DA Form 1687 at the ASP will prevent the unit/activity from being able to draw, store or turn-in ammunition.

### **3-2. Delegation of authority-military units**

- a. Unit commander's or designated personnel must delegate on a DA Form 1687, unit members are authorized to request, receive and turn-in ammunition. A copy of the unit commander's Assumption of Command orders must be attached to the signature card.
- b. The following statement must appear in the "Authorization" block of the DA Form 1687 as appropriate: **"Request, Receive, and Turn-in of Class V Supplies - Category of Ammo i.e. TNG or TNG and OPL/CBL"**
- c. The following statement must be on the "Remarks" block of DA Form 1687: **"Authorized representatives listed above have passed security screening IAW AR 190-11 and 190-13. All other editions are superseded."**

### **3-3. Security Checks**



a. IAW AR 190-11, AR 190-13, and AR 710-2, commanders are required to ensure the reliability of personnel assigned to duties which involve responsibility for the control, accountability, and shipment of ammunition.

b. To ensure reliability, the commander will require all personnel to be screened and evaluated using DA Form 7708 (PERSONNEL RELIABILITY SCREENING AND EVALUATION). Completed forms will be retained on file within command until the individual departs or is relieved of their AAE duties. Do not forward these forms to the ASP.

c. Any government employee (civilian or military) or contractor (including commercial carrier) operating a vehicle or providing security to a vehicle transporting CAT I, II or classified AA&E will as a minimum have been the subject of a favorable National Agency Check NAC) or Entrance National Agency Check ENTAC). For more information on personnel security requirements when transporting arms, ammunition and explosives reference AR 380-67.

## **Chapter 4**

### **Procedures for issues, receipts, and turn-ins**

#### **4-1 Issue of ammunition**

a. Units will prepare an electronic DA Form 581 via the Total Ammunition Management Information System (TAMIS) website.

b. The request will be processed through the BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / equivalent and then to the Training Ammunition Manager (TAM) for validation. After this has been completed the request will automatically be forwarded to the ASP in TAMIS for ASP acceptance.

c. Only the BDE / BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO equivalent is authorized to make appointments for units to draw ammunition at the ASP.

(1) Under no circumstances will units process more than one TAMIS action or document for the same pickup date. Units must consolidate multiple documents or change the pick-up date. Units will not be permitted to make changes or alterations to the DA Form 581 beyond five working days prior to the scheduled pickup

(2) All ammunition requests must be in a "Pending ASP Acceptance" status no later than ten working days prior to the requested pickup date. Any request submitted inside the five (5) day window must also submit a "Letter of Lateness". Letter of Lateness MFR must include all of the following:

- Statement of the ammunition requested (document number, DODIC, amounts)
- Unit requesting ammunition and training dates
- Statement of cause of late submission

- Mission/readiness impacts if issue is not processed by Stock Control Section
- **Date range was schedule in RFMSS and when unit forecasted ammo in TAMIS (for TNG)**
- **What named Operation/Tasking number/OPORD/FRAGO/WARNO (for CBL/OPL)**
- **What Airframe and Tail number and when did unit forecast CAD/PAD in TAMIS (for OPL, CAD/PAD)**
- Point of contact
- Signature of the Commander O5 or above
- Assumption of Command orders (AOC)

(3) Late ammunition requests will not be approved until a Letter of Lateness is received. See page 24, Example of Letter of Lateness.

(4) Prior to pick up date, units must ensure the JBSA-FSH Ammunition Supply Point Operations Office (Bldg. 4055) has all current required documents. These documents include:

- Assumption of Command Orders
- Original DA Form 1687 (Signature Card)
- Digital signatures required on DA Form 1687.
- See Appendix B: Instructions to complete DA Form 1687.

#### **4-2. Request for issue**

- Prepare a DA Form 581 via the TAMIS website. (Appendix C)
- In order to ease the issuing process, units should make every effort to request quantities to the nearest unit pack.
- Once the e-581 is completed, the unit will contact the BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent to have documents digitally signed.
- A "Short Fuse" is any request in "Pending ASP Acceptance" with less than ten full working days prior to the requested pickup date.
- Units will prepare the DA Form 581 as mentioned above, additionally; if required, the unit will prepare a memorandum signed by the first O5 in the unit's chain of command. The memorandum will justify why the unit failed to submit their ammunition request on time.
- The unit will be required to submit their "short-fuse" memorandum to ASP Stock Control Office prior to final approval of the unit's appointment. Each request must be accompanied with the Commanders AOC orders. ASP accountable officer will be the approving authority overall.

#### **4-3. Receiving ammunition issues from the ASP**

**Note: Under no circumstances are WEAPONS, smoking (to include electronic cigarettes), flame producing items, or cell phones, allowed inside the ASP. All personnel will be dressed in a manner that will not include shorts or open toed shoes. Units in violation will be removed from the ASP, and their Chain of Command will be notified. Units BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent will need to reschedule the appointment.**

##### **a. Receiving Ammunition Requirements:**

(1) On the scheduled date of issue, units will report to Camp Stanley ASP (Gate #5 or #8) NLT that 0900 hrs. Units must contact the ASP if they will be arriving late. No notification equals no issue. Prior to arriving at the ASP for issue, the unit is responsible for providing:

- Minimum of two (2) personnel in order to enter the ASP.
- Both unit personnel MUST have current Hazardous Material Card or certificate in-hand (Ammo 67).
- Legible copies of DA Form 1687 with APPROVED ASP "SERVICE MEMBER COPY".
- DD Form 626 Motor Vehicle Inspection, blocks 1-16 completed. Government owned vehicles (GSA Pickup trucks or Military vehicle) that meet DA PAM 385-64 standard.
- Vehicles failing safety inspections will not be allowed into ASP. Units will have the type of failure noted on the DD Form 626. The unit's BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent will be notified of any canceled issue documents due to failure of vehicle safety inspection.
- A sufficient number of personnel to perform loading operations.
- Drivers must be qualified on the vehicle and trailer and must have HAZMAT endorsement on their license to carry hazardous material. This also includes passengers or personnel acting as assistant drivers, as recommended in AR 385-10. Current government license for tactical and GSA vehicles for both driver and TC (No Sedans or Vans).
- Units must have correct type, size and number of DOT placards for the ammunition being issued. Hazardous placards are 10  $\frac{3}{4}$ " x 10  $\frac{3}{4}$ " in size. One DOT placard for each side of the vehicle loaded/transporting ammunition for a total of 4 each. Vehicle towing a trailer requires 4 additional placards. Placards are required for both pick-up and turn-in of ammunition. In the case of a residue only turn-in, placards will still be required. Ammunition is not considered brass until certified by ASP personnel.
- Two (2) 10 lb. BC or greater serviceable fire extinguishers with seals.
- Three (3) Warning triangles.
- Minimum of four (4) cargo tie down straps per pallet.
- One or two fire retardant tarpaulin per vehicle (NOT PLASTIC).
- No other hazardous materials may be stored with ammunition.

## **b. Conducting ammunition pickup:**

- (1) Once the unit has passed inspection to enter the ASP, they will be escorted to the designated bunker to begin the ammunition issue process.
- (2) Customer unit personnel will load ammunition that is not palletized onto their vehicles. The ASP will provide Material Handling Equipment (MHE) to load palletized ammunition onto customer vehicles. Loose cans or boxes must be unitized on the pallet (each layer) by using steel banding or web straps. If MHE is not available, it is the unit's responsibility to load the ammunition onto their trucks. Customer will ensure that all ammunition moving from storage location is secure prior to vehicle movement.
- (3) During the loading process, ASP area personnel, and unit representatives must conduct a joint inventory. The inventory will ensure that lot number, national stock number (NSN), DODIC, and quantities are correct.
- (4) The ASP area personnel checker and unit representative will initial beside the quantities loaded onto unit vehicles on the DA Form 3151-R.
- (5) The customer unit will secure the load with at least two ratchet straps per pallet and properly placard all four sides of the vehicle and trailer (see Appendix K for an example). ASP operations will ensure the unit secures all ammunition at the storage location prior to vehicle movement.
- (6) Upon completion of the loading process, the unit will depart the ammunition storage area and report to the Camp Stanley JBSA- FSH Ammunition Stock Control Office (Bldg. #5). A DD Form 2890 (DOD Multimodal Dangerous Good Declaration) will be prepared by ASP Personnel and signed by the vehicle drivers (see Appendix H). Ammunition laden vehicle(s) must not depart prior to the unit representative signing for the ammunition. The quantities issued will be annotated on the DA Form 581. The unit representative will sign all copies of the DA Form 581 and DA Form 3151-R. The unit will be provided a copy of the DA Form 581 and a copy of the DA Form 3151-R.
  - a) Prior to leaving the ASP, the unit should have copies of:
    - DA Form 581
    - DA Form 3151-R
    - DD Form 2890 for each vehicle.
    - DD Form 626 for each vehicle.
    - Ammunition Information Notification (AIN)
  - b) The unit must maintain the issue DA Form 581, DA Form 3151-R, and the DD Form 2890 in order to conduct the turn-in of ammunition at the completion of the training event.

#### **4-4. Turn-in of live ammunition and residue-general**

- a. Upon completion of the training exercise, units must turn-in all unexpended ammunition and residue.
- b. All unit turn-ins must be completed within five working days following the last firing date to prevent the unit from going delinquent (weekends, training holidays, Federal holidays and Thursdays are not counted).
- c. The BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent coordinates unit turn-in appointments with the ASP Stock Control Office.
- d. Units that fail to turn-in all unexpended and salvageable ammunition components and/or fail to reconcile their ammunition accounts within the allotted time (five working days) will become delinquent. Once a unit's document becomes delinquent, the unit cannot draw ammunition from the ASP and cannot receive an extension to circumvent being delinquent or to keep ammunition in the AHA.

#### **4-5. Request for live turn-in appointment**

- a. A Unit requesting a turn-in must have a copy of the original issue documents, DA Form 581 and DA Form 3151-R.
- b. Units will prepare and process their turn DA Form 581 and hand carry or email to the ASP Stock Control Office (Appendix C). Separate turn-in DA Form 581s will be prepared for each original issue document.
- c. All expended ammunition (Brass/Residue) will need to be turned in at the same time as LIVE (unexpended) ammunition. There are NO partial turn-ins.

#### **4-6. Preparing for live turn-in appointment**

- a. In order to expedite turn-in and preserve ammunition quality and lot integrity, using units will keep ammunition in its original package prior to use. Unpacking of ammunition in excess of the training requirement will result in an additional burden to the unit in preparing the unused ammunition for turn-in. It also creates the opportunity for loss of accountability and exposes the ammunition to weather deterioration and handling damage which may affect functional performance.
- b. Ammunition turn-ins will be inspected, cleaned, and repacked in the original containers by the unit prior to the turn-in appointment at the ASP. Opened ammunition containers will be inspected by personnel (E7 and above) from the unit returning the items to ensure that the lot numbers on the ammunition coincide with the lot numbers printed on the container.

c. Ammunition that has been damaged, dropped or has malfunctioned (not reported to Range Control) while at the ranges must be reported to the ASP material examiner at time of turn-in.

d. Unit level delinking/linking of ammunition must be IAW AIN criteria provided by the ASP QASAS. AINs must be provided down to the lowest user level when ammunition is sub hand receipted to separate ranges. Any unauthorized delinking will be annotated as non-fair wear and tear (NFT) and actions will be taken as appropriate.

e. Final determination of the condition of the ammunition (i.e. serviceable or unserviceable) rests with the ammunition inspectors at the ASP.

(1) All opened ammunition containers (seal broken) will undergo a 100% inspection by surveillance personnel for serviceability and inventory prior to acceptance for turn-in. Units will not open more than 10% of the ammunition drawn and will open only "as necessary" after that.

#### **4-7. Conducting live ammunition turn-in**

a. Units will arrive at the ASP NLT 0900hrs with the following:

(1) DA Form 1687's, Driver Licenses, HAZMAT certs, DD Form 626(completed prior to departing for the ASP).

(2) The unit copy DD Form 2890 sheet adjusted to reflect quantities being transported.

(3) All required safety equipment.

(4) Ammunition to be turned-in (residue items will not be mixed with live).

(5) A work detail of sufficient personnel to off-load and "work" the turn-in.

(6) Any necessary packing materials for loose rounds (use the packing material that came with the ammunition).

(7) Ammunition segregated by type and lot number and in proper containers.

(8) DA Form 581 packet that has been certified by the Ammunition Stock Control Office.

b. Once all requirements are met, ASP personnel will escort units to the assigned bunkers, and the unit will download the ammunition into the bunkers. ASP Personnel will sign the DA Form 3151-R as receiving checker, and the unit representative will sign as issuing checker.

c. Upon completion of the turn-in, the unit returns to the ASP Stock Control Office with all copies of the completed DA Form 3151-R. The unit receives a copy of the DA Form

581 and DA Form 3151-R and will then depart the ASP after verifying turn-in credit.

#### **4-8. Preparing for a residue turn-in**

a. Units have five working days upon completion of the training event listed on the DA Form 581 to turn in residue. Failure to turn in residue within five days will cause the unit to become delinquent on the sixth day. The unit will no longer be able to draw ammunition if this occurs.

b. After the unit prepares a DA Form 581 for residue turn-in, they will present it to the Ammunition SCO located in Bldg. 4055, Rm. B-11, JBSA-FSH for appointment scheduling.

c. Prior to turn-in, all residue will be screened to ensure that there is no live ammunition or explosive components within the residue items. All residue items will be transported using a military or GSA vehicle.

(1) Units will arrive at the ASP NLT 0900 with the following:

- DA Form 1687's, Driver Licenses, HAZMAT certs, DD Form 626 (completed prior to departing to the ASP).
- The unit copy DD Form 2890 sheet adjusted to reflect quantities being transported.
- DA Form 1687's, Driver Licenses, HAZMAT certs, DD Form 626 (completed prior to departing for the ASP).
- All required safety equipment.
- Ammunition to be turned-in (residue items will not be mixed with live).
- A work detail of sufficient personnel to off-load and "work" the turn-in.
- Any necessary packing materials for loose rounds (use the packing material that came with the ammunition).
- Ammunition segregated by type and lot number and in proper containers.
- DA Form 581 packet that has been certified by the Ammunition Stock Control Office. Only personnel listed on the unit's DA Form 1687(s) are authorized to turn-in.

#### **4-9. Amnesty Program**

a. Ammunition of .50 caliber and below can be turned-in to the identified ASP. All other ammunition (larger than .50 caliber) should be taken to LRC-JBSA-Fort Sam Houston ASP and turned-in as an amnesty request and annotated on DA Form 3151.

b. The turn-in of ammunition through the AFOP program is not a substitute for normal turn-in procedures and will not be used to circumvent the standard supply procedures.

c. As with any ammunition, AFOP must be transported in a military vehicle and under the same requirements of ammunition issue or turn-in request (DA Form 626, placards, tie down straps, etc.).

d. Unit commanders will brief their Soldiers on amnesty program procedures on a quarterly basis. A refresher should be given during pre-firing briefings.

e. Ammunition will be maintained under the appropriate controls and safeguards until it can be turned into the ASP. i.e Arms room, ARMAGs, an Explosive Site/License location

f. JBSA Ammunitions/Munitions and Safety POC's:

(1) LRC-JBSA-Fort Sam Houston ASP, 210-221-5376/210-221-9229

(2) JBSA Lackland MSA, Chapman Annex, 210-671-3488/210-671-8389

(3) JBSA/502 ABW Weapons Safety, 210-671 -1489/210-671-1948

(4) JBSA Camp Bullis Range Safety Officer, 210-292-7510

#### **4-10. Reporting Requirements**

a. Provide as directed ASP mission related reporting requirements from OPOD's, or taskers received from 407<sup>th</sup> AFSBn-Cavazos, Plans and Operations or higher headquarters. Reports such as: Historical data, Notification of unserviceable ammunition condition code changes, SAAS, ISR, SMS or other automated system requirements as needed. (See appendix R for Special reporting requirements)

### **Chapter 5**

#### **Administrative Procedures and Operations**

##### **5-1. Reconciliation of accounts**

a. Ammunition drawn on the DA Form 581 issue document remains accountable until it is properly cleared by final reconciliation at the ASP. Reconciliation will be completed by the unit within five working days after the last firing date. At this time, the customer unit will bring all necessary documents: DA Form 581 (turn-in), DA Form 5811 (Certificate-Lost or Damaged Class 5 Ammunition Items). DA Form 5692-R (Ammunition Consumption Certificate), if required. The designated DA Form 1687 holder will then hand-carry the documents to the Stock Control Office.

b. Reconciliation of issue documents for ammunition items that require a DA Form 5692-R. For a listing of items requiring a DA Form 5692-R, refer to the salvage and residue listing in DA PAM 700-16.



c. The ASP Reconciliation Section will publish and distribute to all major subordinate commands a delinquent document report every week that lists all open documents and their status. Failure of the Reconciliation Section to notify the unit BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent or failure to include a document on the delinquent document report as delinquent is not grounds for that unit to be issued training ammunition. It is the unit's BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent responsibility to ensure that all documents are cleared properly.

## **5-2. Delinquent documents**

a. Ammunition documents are considered delinquent when a unit has not turned in unexpended ammunition and accountable residue within five working days from the last range firing date noted on the DA Form 581 issue document. The RECON section tracks the document delinquent date as being three working days past the units scheduled live turn in date.

b. Units who have delinquent documents are suspended from further ammunition issues until the delinquent ammunition documents have been properly reconciled.

turn-in date on the extension memorandum. See Appendix J for an example of a Request for Extension.

a. Requests for extensions where the proposed inclusive firing dates would cover a period of more than 30 calendar days will be reviewed and approved on a case-by-case basis by the ASP accountable officer.

## **5-3. Extensions**

a. Extensions to the five working day time limit for turn-ins are granted only in situations where training dates have been extended and a new turn-in date must be scheduled to accommodate the new training period, or the ASP cannot schedule a turn-in appointment within the prescribed time frame. Generally, approvals will only be granted when a unit can justify that their exercise or gunnery has been extended and they are required to remain in the field. A memorandum containing a complete justification signed by the unit's O-5 or above must be submitted to the ASP accountable officer. Units will use the training date extension memorandum to justify scheduling a new turn-in date. The scheduling clerk will annotate the new scheduled turn-in date on the extension memorandum. See Appendix I for an example of a Request for Extension.

b. Requests for extensions where the proposed inclusive firing dates would cover a period of more than 30 calendar days will be reviewed and approved on a case-by-case basis by the ASP accountable officer.

## **5-4. Loss of ammunition and/or residue**

a. When residue losses occur, complete DA Form 5811, see the salvage and residue listing in DA PAM 700-16. The first O5 in the chain of command signs the certificate after verifying that the loss or damage to Class V items was not negligent.

Make every effort to collect all residue for turn-in.

b. Missing live ammunition requires action under AR 190-11. An AR 15-6 investigation will be initiated for shortages of live ammunition or CAT I ammunition residue.

c. Commanders are required to initiate action and attach evidence of that action (copy of FLIPL, etc.) when:

(1) The residue and live ammunition turned-in is less than the quantity issued.

(2) Damage to unexpended ammunition is due to NFWT as determined by qualified ammunition inspectors at the ASW. NFWT includes abusive handling or corrosion due to improper field storage.

d. Upon completion of any action listed above, the first O5 or equivalent in the chain of command must provide the SCO with a statement of investigative paperwork to indicate the action has been completed.

## **Chapter 6**

### **Ammunition Transportation**

#### **6-1. General**

a. Ammunition is hazardous material and must be transported with extreme care. A vehicle may be capable of transporting other classes of supplies but not be considered safe enough to transport ammunition.

b. All vehicles transporting ammunition will be inspected using DD Form 626.

(1) A preliminary inspection must be conducted prior to leaving the unit motor pool. A qualified member of the unit must inspect the vehicle and record results on a DD Form 626.

(2) The unit's inspection will be verified before loading at the ASP.

c. All vehicles to include trailers will have a current dispatch.

d. All government vehicles transporting ammunition and/or explosives will display the appropriate placards at all times. (Issues, Turn-ins to include both: live and residue).

e. Munitions transported to home station by off-post units will require the receiving unit to complete a DD Form 2890 Declaration of Dangerous Goods document.

#### **6-2. Minimum inspection standards for military vehicles transporting ammunition**

a. Spare Electrical Fuses. Check to ensure that at least one spare fuse for each type of installed fuse is carried on the vehicle as a spare or vehicle is equipped with an overload protection device (circuit breaker). Refer to part 393.95, Title 49

Transportation, Code of Federal Regulations (49 CFR 393.95).

b. Horn Operative. Ensure that horn is securely mounted and of sufficient volume to serve purpose (see 49 CFR 393.81).

c. Steering System. The steering wheel should be secure and must not have any spokes cracked through or missing. The steering column must be securely fastened. Universal joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheel shall turn freely through the limit of travel in both directions. All components of a power steering system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked, or slipping. The power steering system shall not be leaking (see 49 CFR, Appendix G)

d. Windshield/Wipers. Inspect to ensure that windshield is free from breaks, cracks, or defects that would make operation of the vehicle unsafe, that the view of the driver is not obscured and that the windshield wipers are operational and wiper blades are in serviceable condition. Defroster must be operative when conditions require (see 49 CFR 393.60, 393.78, and 393.79). (Transport of concertina on the hood of the newer vehicles obscures visuals and is not allowed on JLTVs/MRAPs and such.)

e. Mirrors. Every vehicle must be equipped with two rear vision mirrors located so as to reflect to the driver a view of the highway to the rear along both sides of the vehicle. Mirrors should not be cracked or dirty (see 49 CFR 393.80).

f. Warning Equipment. Equipment must include three bidirectional emergency reflective triangles that conform to the requirements of Federal Motor Vehicle Safety Standard No. 125. FLAME PRODUCING DEVICES ARE PROHIBITED (see 49 CFR 393.95).

g. **Fire Extinguisher.** Military vehicles must be equipped with two 10 lb, serviceable fire extinguishers with an Underwriters Laboratories rating of 10 BC or more, or Purple K. (Commercial motor vehicles must be equipped with one serviceable 10 BC fire extinguishers). **Fire Extinguishers older than six years old must have a valid hydrostatic test completed and stamped on the fire extinguisher.** Fire extinguishers must be located so they are readily accessible for use and securely mounted on the vehicle. The fire extinguishers must be designed, constructed and maintained to permit visual determination of whether it is fully charged. (see 49 CFR 393.95). h. Electrical Wiring. Electrical wiring must be clean and properly secured. Insulation must not be frayed, cracked or otherwise in poor condition. There shall be no un-insulated wires, improper splices or connections. Wires and electrical fixtures inside the cargo area must be protected from the lading (see 49 CFR 393.28)

i. Lights/Reflectors (head, tail, turn signal, brake, clearance, marker and identification lights, emergency flashers). Inspect to see that all lighting devices and

reflectors required are operable, of proper color and properly mounted. Ensure that lights and reflectors are not obscured by dirt or grease or have broken lenses. High/Low beam switch must be operative. Emergency Flashers must be operative on both the front and rear of vehicle (see 49 CFR 393.24, 25, and 26).

j. Fuel System. Inspect fuel tank and lines to ensure that they are in serviceable condition, free from leaks, or evidence of leakage and securely mounted. Ensure that fuel tank filler cap is not missing. Examine cap for defective gasket or plugged vent. Inspect filler necks to see that they are in completely serviceable condition and not leaking at joints (see 49 CFR 393.83).

k. Exhaust System. Exhaust system shall discharge to the atmosphere at a location to the rear of the cab or if the exhaust projects above the cab, at a location near the rear of the cab. Exhaust system shall not be leaking at a point forward of or directly below the driver's compartment. No part of the exhaust system shall be located where it will burn, char or damage electrical wiring, fuel system or any other part of the vehicle. No part of the exhaust system shall be temporarily repaired with wrap or patches (see 49 CFR 393.83).

l. Brake System (including hand brakes, parking brakes and low air warning devices). Check to ensure that brakes are operational and properly adjusted. Check for audible air leaks around air brake components and air lines. Check for fluid leaks, cracked or damaged lines in hydraulic brake systems. Ensure that parking brake is operational and properly adjusted. Low Air Warning devices must be operative (see 49 CFR 393.40, 41, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, and 55).

m. Suspension Inspect for indications of misaligned, shifted or cracked springs, loosened shackles, missing bolts, spring hangers unsecured at frame and cracked or loose U-bolts. Inspect for any unsecured axle positioning parts and sign of axle misalignment, broken torsion bar springs (if so equipped) (see 49 CFR 393.207).

n. Coupling Devices (inspect without uncoupling). Fifth Wheels: Inspect for unsecured mounting to frame or any missing or damaged parts. Inspect for any visible space between upper and lower fifth wheel plates. Ensure that the locking jaws are around the shank and not the head of the kingpin. Ensure that the release lever is seated properly, and safety latch is engaged. Pintle hook, drawbar, tow bar eye, and tongue and safety devices: inspect for unsecured mounting, cracks, missing or ineffective fasteners (welded repairs to pintle hook are prohibited). Ensure safety devices (chains, hooks, cables) are in serviceable condition and properly attached (see 49 CFR 393.70 and 71).

o. Cargo Space. Inspect to ensure that cargo space is clean and free from exposed bolts, nuts, screws, nails or inwardly projecting parts that could damage the lading. Check floor to ensure it is tight and free from holes. Floor shall not be permeated with oil or other substances (see 49 CFR 393.84).

p. Landing Gear. Inspect to ensure that landing gear and assembly are in serviceable condition, correctly assembled, adequately lubricated, and properly mounted.

q. Tires, Wheels and Rims. Inspect to ensure that tires are properly inflated. Flat or leaking tires are unacceptable. Inspect tires for cuts, bruises, breaks and blisters. Tires with cuts that extend into the cord body are unacceptable. Thread depth shall not be less than: 4/32 inches for tires on a steering axle of a power unit and 2/32 inches for all other tires. Mixing bias and radial on the steering axle is prohibited. Inspect wheels and rims for cracks, unseated locking rings, broken, loose, damaged or missing lug nuts or elongated stud holes (see 49 CFR 393.75).

r. Tailgate/Doors. Inspect to see that all hinges are tight in body. Check for broken latches and safety chains. Doors must close securely (see 49 CFR 177.835(h)).

s. Tarpaulin. If shipment is made on open equipment, ensure that lading is properly covered with a fire- and water-resistant tarpaulin (see 49 CFR 177.835 (h)).

t. Other Unsatisfactory Conditions. Note any other condition which would prohibit the vehicle from being loaded with hazardous materials. Correct type and an adequate number of web tie downs is required for the load being picked up with a separate cargo or body tie-down points are only allowed limited amounts of hazard class 1.4 ammunition. See Appendix K for the proper unitized load tie down requirements.

u. Government vehicles. IAW 49 CFR and DA PAM 385-64, transportation motor pool vehicles not equipped with a separate cargo area or body tie-down points are only allowed limited amounts of hazard class 1.4 ammunition.

## **Appendix A References**

### **Section I Publications**

#### **AMC-R 700-77**

Ammunition Management

#### **AR 15-6**

Procedures for Administrative Investigations and Boards of Officers

#### **AR 75-1**

Malfunctions Involving Ammunition and Explosives

#### **AR 190-11**

Physical Security of Arms, Ammunition, and Explosives

#### **AR 190-13**

The Army Physical Security Program

#### **AR 190-14**

Arming and the Use of Force

#### **AR 380-67**

Personnel Security Program

#### **AR 385-10**

The Army Safety Program

#### **AR 700-13**

Worldwide Ammunition Logistics/Explosives Safety Review and Technical Assistance Program

#### **AR 700-28**

Ammunition Management

#### **AR 710-2**

Secondary Item Policy and Retail Level Management

#### **AR 710-4**

Property Accountability

#### **AR 735-5**

Property Accountability Policies

#### **DAP Pam 75-1**

Malfunctions Involving Ammunition and Explosives Procedures

**DA Pam 350-38**

Standards in Weapons Training

**DA Pam 385-10**

Army Safety and Occupational Health Program Procedures

**DA Pam 385-64**

Ammunition and Explosives Safety Standards

**DA Pam 700-16**

The Army Ammunition Management System

**DA Pam 710-2-2**

Supply Support Activity Supply System: Manual Procedures

**DA Pam 742-1**

Ammunition Surveillance Procedures

**HQDA EXORD 031-24**

Army Ammunition Management and Auditability

**Section II****Forms****DA Form 581**

Request for Issue and Turn-in of Ammunition

**DA Form 1687**

Notice of Delegation of Authority - Receipt for Supplies

**DA Form 3151-R**

Ammunition Stores Slip

**DA FORM 4379**

Ammunition Malfunction Report

**DA FORM 4379-1**

Missile and Rocket Malfunction Report

**DA FORM 5583, JUN 2021**

Missile Firing Data Report (HELLFIRE)

**DA Form 5692-R**

Ammunition Consumption Certificate

**DA Form 5811**

Certificate - Lost or Damaged Class 5 Ammunition Items

**DA Form 7708**

Personnel Reliability Screening and Evaluation

**DD Form 626**

Motor Vehicle Inspection (Transporting Hazardous Material)

**DD Form 2890**

DOD Multimodal Dangerous Goods Declaration

**Appendix B****DA Form 1687 Completion Instructions**

<b>DA Form 1687 Delegation of Authority</b>	
<b>Date</b>	Enter the calendar date the form is prepared. YYYYMMDD
<b>Organization Receiving Supplies</b>	Enter the name of the unit. ****Include total number of pages i.e., CARD 1 of 3, CARD 2 of 3, CARD 3 of 3 etc.****
<b>Location</b>	Enter the address of where the unit is located.
<b>Authorized Representatives</b>	Last Name, First Name and Middle Initial: Enter the name of the person(s) authorized to request or receive ammunition with their rank and DOD ID EXP DATE date to the right of their name i.e. HANSEN, SCOTT M. SFC DOD ID EXP DATE: 20210101. Ensure that the rank of the representative matches the scope of his/her responsibilities. DOD ID EXP date must be in the following format: 20210101, 4 digit year, 2 digit month, 2 digit day. Enter statement: "NOT USED" after last delegate if there are any unused blocks.
<b>Authority REQ/REC</b>	Enter "YES" in this block for each person authorized to request supplies. Otherwise, enter "NO."
<b>Digital Signature</b>	Users with digitally sign with CAC.
<b>Authorization by responsible officer or accountable officer</b>	
<b>Delegates to</b>	Enter an "X" in this box to show that the authorized representatives are delegated to Request, Receive, & Turn-in Class V supplies. Enter the statement: <b>"Request, Receive, and Turn-in of Class V Supplies - Category of Ammo i.e. TNG or TNG and OPL/CBL .</b>
<b>Withdraws from</b>	Leave blank. Procedures for adding and deleting persons are not authorized for Class V supplies.
<b>Remarks</b>	<b>"Authorized representatives listed above have passed security screening IAW AR 190-11 and 190-13. All other editions are superseded"</b>
<b>Unit Identification Code</b>	Enter UIC
<b>DODDAC/Account Number</b>	Enter the unit expendable DODAAC for training (TNG) request and enter the unit non-expendable DODAAC for Operational Load (OPL)/Combat Load (CBL) request. Units can have multiple DODAAC's for one UIC on one Unit's DA Form 1687(s)*



**Note 1:** Date on DA Form 1687 will not exceed one year. If one of the delegates listed DOD ID EXP DATE on the DA Form 1687 occurs before the year is over then that will be the expiration date of the DA Form 1687. DOD ID EXP DATES must meet or exceed the expiration date of the Delegation of Authority.

**Note 2:** Upon any element of data becoming outdated on the DA Form 1687, the entire DA Form 1687 is no longer valid and will need to be replaced with a new DA Form 1687. **Changes may include the Commander, delegates ETS's, PCS's, re-enlist, or UCMJ action's etc.**

**Note 3:** Units can have multiple DODAAC's for one UIC on one Unit's DA Form 1687(s)\*. Verify with your **Installation DODAAC Coordinator/PBO/G4/S4** to make sure you're using the correct DODAAC/UIC (TNG, NET or OPL/CBL).

**Note 4: Only personnel with a rank of E-5 or above may request Class V materials and only personnel with a rank of E-5 or above may receive Cat 1 and Cat II munitions.**

**Note 5:** All dates on the DA Form 1687 must be in the following format: 20210101, 4 digit year, 2 digit month, 2 digit day.

**Note 6: The ASP will not accept DA Form 1687's that are altered or with obvious changes to existing data. No cross outs or whiteouts are allowed.**

**Note 7:** Social security numbers should not be entered on the DA Form 1687.

**Note 8:** The ASP will not accept verbal or memo changes to the DA Form 1687.

**Note 9:** The ASP will not accept DA Form 1687's that reflect a responsible person different from that reflected on the Assumption of Command/delegation of authority orders. **UIC must be on the Assumption of Command/delegation of authority orders.**

**Note 10:** The ASP will not issue A&E to any unit without a current DA Form 1687 on file at the ASP.

**Note 11:** When using multiple pages with four names per page number accordingly i.e. Card 1 of 3, Card 2 of 3, Card 3 of 3.

**Note 12:** The ASP will not accept DA Form 1687's that contain a blank space immediately below the last name entered. Last space needs to state: "Nothing Follows" or "Not Used" or "Last Item".

**Note 13:** The ASP will not accept DA Form 1687's **without rank** and **ETS dates** indicated for every individual listed on the DA Form 1687.

**Note 14:** Ensure your DA Form 1687 goes through your BDE/BN S-3 Training / BN S-3 Land and Ammo / BAO / S4 / SPO / or equivalent prior to sending them to the ASP.

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
For use of this form, see AR 710-4. The proponent agency is DCS, G-4.					
ORGANIZATION RECEIVING SUPPLIES			AUTHORIZED REPRESENTATIVE(S)		
LOCATION					
LAST, FIRST, MIDDLE INITIAL		AUTHORITY		SIGNATURE AND INITIALS	
		REQ REC			
<div style="border: 2px solid green; padding: 10px; text-align: center;"> <b>REQUEST/RECEIVE AND TURN IN</b>  <b>Example DA Form 1687</b> </div>					
THE UNDERSIGNED HEREBY <input type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE					
THE AUTHORITY TO: _____					
REMARKS					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL			GRADE	TELEPHONE NUMBER	EXPIRATION DATE
					SIGNATURE

DA FORM 1687, DEC 2023 PREVIOUS EDITIONS ARE OBSOLETE. APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					<small>Today's date here</small>
<b>AUTHORIZED REPRESENTATIVE(S)</b>					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
<b>YOUR ORGANIZATION HERE</b> <small>If multiple 1687, type Card 1 of 2, etc.</small>			<b>Ammunition Supply Activity</b>		
LAST, FIRST, MIDDLE INITIAL		AUTHORITY		SIGNATURE AND INITIALS	
		REQ	REC		
LAST NAME, FIRST NAME, MI; RANK/CIV GS GARDE; DODID EXP DATE All this must be in these blocks (no exceptions)				DIGITAL SIGNATURE ONLY here (Dual (wet/Digital) signature combinations are no longer authorized on 1687's)	
If there is a blank name line, it MUST Have "NOT USED"					
<b>AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER</b> <small>If listed Individual is REQUESTING ammunition on e581 in TAMIS then "YES" in the REQ Block.          (There can be a YES in both blocks if individual is REQUESTING and RECEIVING); otherwise it will have "NO"</small>					
THE UNDERSIGNED HEREBY		<input type="checkbox"/> DELEGATES TO THE AUTHORITY TO:			
REMARKS					
<b>I ASSUME FULL RESPONSIBILITY</b>					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

DA FORM 1687, DEC 2023

PREVIOUS EDITIONS ARE OBSOLETE.

APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					
<b>AUTHORIZED REPRESENTATIVE(S)</b>					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
LAST, FIRST, MIDDLE INITIAL		AUTHORITY		SIGNATURE AND INITIALS	
		REQ	REC		
LAST NAME, FIRST NAME, MI; RANK/CIV GS GARDE; DODID EXP DATE All this must be in these blocks (no exceptions)				DIGITAL SIGNATURE ONLY here (Dual (wet/Digital) signature combinations are no longer authorized on 1687's)	
If there is a blank name line, it MUST Have "NOT USED"					
<b>AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER</b> <small>If listed Individual is REQUESTING ammunition on e581 in TAMIS then "YES" in the REQ Block.          (There can be a YES in both blocks if individual is REQUESTING and RECEIVING); otherwise it will have "NO"</small>					
THE UNDERSIGNED HEREBY		<input checked="" type="checkbox"/> DELEGATES TO THE AUTHORITY TO:			
REMARKS					
<b>I ASSUME FULL RESPONSIBILITY</b> <small>In the REMARKS put          "Authorized representatives listed above have passed security screening IAW AR 190-11 and 190-13. All other editions are superseded"</small>					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

DA FORM 1687, DEC 2023

PREVIOUS EDITIONS ARE OBSOLETE.

APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES <i>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</i>		DATE
AUTHORIZED REPRESENTATIVE(S)		
ORGANIZATION RECEIVING SUPPLIES	LOCATION	
<p align="center">*****</p> <p align="center"><b>Verify with your Installation DODAAC Coordinator/PBO/G4/S4 to make sure you're using the correct DODAAC/UIC (TNG or OPL/CBL).</b></p> <p align="center">*****</p>		
<p>For Training Ammunition, Your <b>UNIT SUPPLY DODAAC</b> goes here.  For OPLOAD Ammunition, Your <b>UNIT PROPERTY BOOK DODAAC</b> goes here.  This <b>DODAAC MUST</b> match the DODAAC on the e581 submitted in TAMIS</p>		
<p>*****</p> <p><b>*Unit's can have multiple DODAAC's for one UIC on one Unit's DA Form 1687(s)*</b></p>		
<p><b>YOUR UNITS UIC goes here. (This UIC MUST match the UIC on the e581 submitted in TAMIS)</b></p>		
<p><b>REMARKS</b></p>		
<p><b>YOUR CO'S PHONE NUMBER here</b></p>		
<p><b>YOUR CO'S GRADE here</b></p>		
<p><b>YOUR COMMANDERS Name here</b></p>		
<p><b>YOUR CO'S SIGNATURE here</b></p>		
<p><b>DA FORM 1</b></p>		

## REQUEST/RECEIVE AND TURN IN Completed example DA Form 1687

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES <i>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</i>		DATE
AUTHORIZED REPRESENTATIVE(S)		20250519
ORGANIZATION RECEIVING SUPPLIES	LOCATION	
HQ's U.S. ARMY NORTH (HSC)	Ammunition Supply Activity	
LAST, FIRST, MIDDLE INITIAL	SIGNATURE AND INITIALS	
Bradshaw, Bradley, SSG, DODID EXP: 20270225	Bradley Bradshaw	
Seresin, Jake, SGT, DODID EXP: 20260925	Jake Seresin	
O'Reilly, Radar, SGT, DODID EXP: 20260510	Radar O'Reilly	
Blane, Jonas SGT, DODID EXP: 20270815	Jonas Blane	
<p><b>AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER</b></p> <p>THE UNDERSIGNED HEREBY <input checked="" type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE</p> <p>THE AUTHORITY TO: <b>Request, Receive, and Turn-in of Class V Supplies - TNG and OPL/CBL</b></p>		
<p><b>REMARKS</b></p> <p>Authorized representatives listed above have passed security screening required IAW AR 190-11 and AR 190-13. All other editions are superseded.</p>		
<p><b>I ASSUME FULL RESPONSIBILITY</b></p>		
UNIT IDENTIFICATION CODE	DODAAC/ACCOUNT NUMBER	
WTD4AA	W519DZ / W519DV	
LAST, FIRST, MIDDLE INITIAL	GRADE	SIGNATURE
Mitchell, Pete K.	O-3	Pete K Mitchell

DA FORM 1687, DEC 2023

PREVIOUS EDITIONS ARE OBSOLETE.

APD AEM v1.00ES

<b>NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES</b> <i>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</i>					DATE <b>20250519</b>	
<b>AUTHORIZED REPRESENTATIVE(S)</b>						
ORGANIZATION RECEIVING SUPPLIES <b>HQ's U.S. ARMY NORTH (HSC)    Card 2 of 2</b>				LOCATION <b>Ammunition Supply Activity</b>		
LAST, FIRST, MIDDLE INITIAL		AUTHORITY REQ    REC		SIGNATURE AND INITIALS		
<b>Ryan, Jack, SSG, DODID EXP: 20271215</b>		<b>YES    YES</b>		<b>Jack Ryan</b> <small>Digitally signed by Jack Ryan Date: 2025.05.19 10:03:31 -05'00'</small>		
" NOT USED"						
" NOT USED"						
" NOT USED"						
<b>AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER</b>						
THE UNDERSIGNED HEREBY <input checked="" type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE						
THE AUTHORITY TO: <b>Request, Receive, and Turn-in of Class V Supplies - TNG and OPL/CBL</b>						
REMARKS <b>Authorized representatives listed above have passed security screening required IAW AR 190-11 and AR190-13. All other editions are superseded.</b>						
<b>I ASSUME FULL RESPONSIBILITY</b>						
UNIT IDENTIFICATION CODE <b>WTD4AA</b>				DODAAC/ACCOUNT NUMBER <b>W519DZ / W519DV</b>		
LAST, FIRST, MIDDLE INITIAL		GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	
<b>Mitchell, Pete K.</b>		<b>O-3</b>	<b>830-867-5309</b>	<b>20260510</b>	<b>Pete K Mitchell</b> <small>Digitally signed by Pete K Mitchell Date: 2025.05.19 09:45:32 -05'00'</small>	

**DA FORM 1687, DEC 2023** PREVIOUS EDITIONS ARE OBSOLETE. APD AEM v1.00ES

<b>NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES</b> <i>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</i>					DATE <div style="background-color: #e0e0ff; width: 100px; height: 20px;"></div>	
<b>AUTHORIZED REPRESENTATIVE(S)</b>						
ORGANIZATION RECEIVING SUPPLIES				LOCATION		
LAST, FIRST, MIDDLE INITIAL		AUTHORITY REQ    REC		SIGNATURE AND INITIALS		
				<div style="background-color: #e0e0ff; width: 100px; height: 20px;"></div>		
<div style="border: 2px solid green; padding: 10px; margin: 10px auto; width: 80%;"> <h2 style="color: red; margin: 0;">APPROVE/AUTHENTICATE</h2> <h2 style="margin: 0;">Example DA Form 1687</h2> </div>						
THE AUTHORITY TO: <div style="background-color: #e0e0ff; width: 100%; height: 20px;"></div>						
REMARKS <div style="background-color: #e0e0ff; width: 100%; height: 40px;"></div>						
<b>I ASSUME FULL RESPONSIBILITY</b>						
UNIT IDENTIFICATION CODE				DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL		GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	
					<div style="background-color: #e0e0ff; width: 100px; height: 20px;"></div>	

**DA FORM 1687, DEC 2023** PREVIOUS EDITIONS ARE OBSOLETE. APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					Today's date here
AUTHORIZED REPRESENTATIVE(S)					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
<b>YOUR ORGANIZATION HERE</b> <small>If more than one 1687, type 1 of 2, etc.</small>			<b>The words "AMMUNITION SUPPLY ACTIVITY" here</b>		
LAST, FIRST, MIDDLE INITIAL	AUTHORITY		SIGNATURE AND INITIALS		
	REQ	REC			
<b>LAST NAME, FIRST NAME, MI; RANK/CIV GS GRADE; DODID EXP DATE</b> <small>All this must be in these blocks (no exceptions)</small>			<b>DIGITAL SIGNATURE ONLY here</b> <small>(Dual (wet/Digital) signature combinations are no longer authorized on 1687's)</small>		
<small>If there is a blank name line, it MUST Have //NOTHING FOLLOWS//</small>					
<small>For APPROVE/AUTHENTICATE 1687's, there will ALWAYS be a "NO" in the REQ</small>			<small>For APPROVE/AUTHENTICATE 1687's, there will ALWAYS be a "NO" in the REC</small>		
AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER					
THE UNDERSIGNED HEREBY <input type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE					
THE AUTHORITY TO: _____					
REMARKS					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL			GRADE	TELEPHONE NUMBER	EXPIRATION DATE
					SIGNATURE

DA FORM 1687, DEC 2023 PREVIOUS EDITIONS ARE OBSOLETE. APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					
AUTHORIZED REPRESENTATIVE(S)					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
LAST, FIRST, MIDDLE INITIAL			AUTHORITY		SIGNATURE AND INITIALS
			REQ	REC	
<b>This example is an Approve/Authenticate 1687 so in this block you will have "Approve/Authenticate block 14a of DA Form 581/e581"</b>					
AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER					
THE UNDERSIGNED HEREBY <input checked="" type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM THE PERSON(S) LISTED ABOVE					
THE AUTHORITY TO: _____					
REMARKS					
<b>In the REMARKS put "Authorized representatives listed above have passed security screening IAW AR 190-11 and 190-13. All other editions are superseded"</b>					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL			GRADE	TELEPHONE NUMBER	EXPIRATION DATE
					SIGNATURE

DA FORM 1687, DEC 2023 PREVIOUS EDITIONS ARE OBSOLETE. APD AEM v1.00ES



NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					
AUTHORIZED REPRESENTATIVE(S)					
ORGANIZATION	<div style="border: 2px solid red; padding: 10px; margin: 5px;"> <p style="text-align: center;">*****</p> <p style="text-align: center;">Verify with your <b>Installation DODAAC Coordinator/PBO/G4/S4</b> to make sure you're using the correct DODAAC/UIC (TNG or OPL/CBL).</p> <p style="text-align: center;">*****</p> </div>				
<div style="border: 2px solid red; padding: 5px; margin: 5px;"> Your <b>UNITS UIC</b> goes here. (This <b>UIC MUST</b> match the UIC on the <b>e581</b> submitted in TAMIS) </div>					
AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER					
THE UNDERSIGNED HEREBY <input type="checkbox"/> DELEGATE THE AUTHORITY TO:					
<div style="border: 2px solid red; padding: 5px; margin: 5px;"> For Training Ammunition, Your <b>UNIT SUPPLY DODAAC</b> goes here.  For OPLOAD Ammunition, Your <b>UNIT PROPERTY BOOK DODAAC</b> goes here.  This <b>DODAAC MUST</b> match the DODAAC on the <b>e581</b> submitted in TAMIS </div>					
REMARKS					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

DA FORM 1687, DEC 2023      PREVIOUS EDITIONS ARE OBSOLETE.      APD AEM v1.00ES

NOTICE OF DELEGATION OF AUTHORITY - RECEIPT FOR SUPPLIES					DATE
<small>For use of this form, see AR 710-4. The proponent agency is DCS, G-4.</small>					
AUTHORIZED REPRESENTATIVE(S)			LOCATION		
ORGANIZATION RECEIVING SUPPLIES					
LAST, FIRST, MIDDLE INITIAL	AUTHORITY	REQ	REC	SIGNATURE AND INITIALS	
<div style="border: 2px solid red; padding: 5px; margin: 5px;"> <b>EXPIRATION DATE MUST BE</b> either <b>ONE Year</b> from date of submission or the <b>DODID Exp date</b> of anyone listed on the 1687 (<b>whichever is first</b>) </div>					
REMARKS					
I ASSUME FULL RESPONSIBILITY					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST, FIRST, MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

Your **CO's GRADE** here

Your **CO's PHONE NUM** here

Your **CO's SIGNATURE** here

DA FORM 1687, DEC 2023      PREVIOUS EDITIONS ARE OBSOLETE.      APD AEM v1.00ES

## Appendix C

### DA Form 581 Processing Instructions

DA Form 581	
(1) Issue	All Issue e581 are generated through TAMIS leave blank.
(2) Turn-in	Check box to identify the DA Form 581 as a turn-in document.
(3) Document number	A new document number will be created for every DA Form 581 by unit. Document numbers will consist of the units DODAAC, Julian Date, & Sequence Number.
(4) Local Use	States the type of DA Form 581: <b>Live</b> or <b>Residue</b> .
(5) Page	Identify the current page number and total number of pages if DA Form 581-1 is needed <b>i.e. 1 of 3, 2 of 3, and 3 of 3.</b>
(6) For Local Use	<b>Leave blank.</b>
(7) Sent to	The organization and address of the ASP of the listed items. See below for the JBSA Fort Sam Houston, LRC FSH, ASP organization and address format. Accountable Officer SHOU-ASP-FT SAM HOUSTON 2566 Wilson Way Bldg. 4055, Room B-11 Ft Sam Houston, Texas 78234
(8) Request from	The organization, address, and unit UIC of the requester of the listed items. See below for requesting unit organization, address and UIC format. Command/Unit JBSA Fort Sam Houston, TX 78234 UIC: Unit UIC <b>Same info on Issue e581 from TAMIS</b>
Blocks 9-11	Leave Blank
(12) DODAAC	Units' expendable ( <b>TRA</b> ) or nonexpendable ( <b>OPL/CBL</b> ) DODACC.
(13A) Requested by	Only personnel who have been delegated by the Commander on DA Form 1687 will be allowed to request ammunition.
(13B) Date	The date DA Form 581 was signed.
(13C) Signature	Pen and ink as well as digital signatures will be accepted. The signature must be identical to the units DA Form 1687
(14A-C)	<b>For Live</b> , The Unit Commander who endorsed the DA Form 1687 for Class V <b>For Residue</b> , Individual's on Class V DA Form 1687
(15) Item	The line number of item(s) being turned in.
(16) DODIC	The DODIC is for residue items being turned-in.
(17) NSN	DODICs NSN
(18) Nomenclature	The description of the items being turn-in.
(19) UI	Unit of issue, EA.
(20) QTY Requested/Turned-in	The total being requested for turn-in.
(21) TEC	Training event code, i.e. TRS, MRX, etc.
(22) Action Code	Type of issue or turn-in i.e. TAR, TIR
(23-27) ASP	Completed during turn-in, leave blank.

(28) Remarks	Examples for live/residue turn-in remarks.
	<b>Live turn-in</b> 1. The above items were drawn on Document# (Issue Doc#) and were not expended. All other items drawn on that document were properly expended. 2. The residue is under Document# (Residue Doc#) 3. POC: (Name, Rank, & Phone #)
	<b>Residue turn-in</b> 1. The above items were drawn on Document# (Issue Document#) and were properly expended. 2. All other items drawn on Document# (Issue Document #) are being returned on (LIVE Document #) 3. <u>Contents have been inspected.</u> Contents do not contain any live rounds, unfired primers, <u>explosives</u> , or <u>other dangerous materials</u> .  4. Print Name: _____  5. Signature: _____
	(29) Related document serial #s
	Leave blank.
(30A-C)	Only people who have been appointed via DA Form 1687 by unit's Commander will be allowed to turn-in live and residue ammunition. Unit representative will sign after verifying the correct quantities have been annotated on DA FORM 581.
(31A-C)	ASP will sign off when turn-in is completed.
(32) TAMIS Control #	Leave blank.
<b>Note 1.</b> After the last item entered on DA FORM 581 enter the statement "LAST ITEM"	

## Sample DA Form 581-Live Turn-in

REQUEST FOR ISSUE AND TURN-IN OF AMMUNITION										1. ISSUE		3. DOCUMENT NO.		4. LOCAL USE		5. PAGE		6. FOR LOCAL USE	
For use of this form, see DA PAM 700-16; the proponent agency is DCS, G-4.										2. TURN-IN <input checked="" type="checkbox"/>		W45NQJ-5142-0001		LIVE		1 OF 1			
7. SEND TO				8. REQUEST FROM				9. DATE MATERIEL REQUIRED (YYYYMMDD)				10. PRIORITY		11. ALLOCATION PERIOD		12. DODACC			
ACCOUNTABLE OFFICER SHOU-ASP-FT SAM HOUSTON BLDG 4055 RM 8-11 2566 WILSON WAY FORT SAM HOUSTON, TX 78234				MCP HQ & HQ BN, US ARMY SOUTH FT. SAM HOUSTON, TX U.S. ARMY SOUTH 210-295-6832 UIC: WJMWAA				13a. REQUESTED BY DA FORM 1687 DESIGNEE				13b. DATE (YYYYMMDD)		13c. SIGNATURE		W45NQJ			
								14a. APPROVED BY UNIT COMMANDER				14b. DATE (YYYYMMDD)		14c. SIGNATURE					
15. ITEM	16. DOCIC	17. NSN	18. NOMENCLATURE	19. UI	20. QTY REQUESTED/TURNED-IN	21. TEC	22. ACTION CODE	23. QTY ISSUED/RECEIVED	24. LOT/SERIAL NO.	25. CC	26. POSTED BY	27. DATE (YYYYMMDD)							
1	AB57	1305	CTG 5.56MM BALL M855A1 CLIPPED	EA	Unit fills in the QTY of unexpended rounds	TRS	TAR		LOT # FROM ISSUE 581/3151										
		LAST ITEM																	
28. REMARKS										29. RELATED DOCUMENT SERIAL NOS.									
1. The above items were drawn on <b>ISSUE Document #</b> and were not expended. 2. All other items drawn on <b>ISSUE Document #</b> were properly expended. <b>RESIDUE</b> is on <b>Document #</b> 3. POC: Name, Last, First MI., Rank, Phone #																			
30a. ISSUED BY					30c. DATE (YYYYMMDD)		31a. RECEIVED BY			31c. DATE (YYYYMMDD)		32. TAMIS CONTROL NO.							
30b. SIGNATURE							31b. SIGNATURE												

DA FORM 581, JUN 2021

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APD AEM v1.00ES



## Sample DA Form 581-Residue Turn-in

REQUEST FOR ISSUE AND TURN-IN OF AMMUNITION										1. ISSUE	3. DOCUMENT NO.	4. LOCAL USE	5. PAGE	6. FOR LOCAL USE
For use of this form, see DA PAM 700-16; the proponent agency is DCS, G-4.										2. TURN-IN	W45NQJ-5142-0002	RESIDUE	OF	
7. SEND TO ACCOUNTABLE OFFICER SHOU-ASP-FT SAM HOUSTON BLDG 4055 RM 8-11 2566 WILSON WAY FORT SAM HOUSTON, TX 78234			8. REQUEST FROM MCP HQ & HQ BN, US ARMY SOUTH FT. SAM HOUSTON, TX U.S. ARMY SOUTH 210-295-6832 UIC: WJMWAA			9. DATE MATERIEL REQUIRED (YYYYMMDD)			10. PRIORITY		11. ALLOCATION PERIOD		12. DODACC W45NQJ	
13a. REQUESTED BY DA FORM 1687 DESIGNEE						13b. DATE (YYYYMMDD)		13c. SIGNATURE						
14a. APPROVED BY DA FORM 1687 DESIGNEE						14b. DATE (YYYYMMDD)		14c. SIGNATURE						
15. ITEM	16. DODIC	17. NSN	18. NOMENCLATURE	19. UI	20. QTY REQUESTED/TURNED-IN	21. TEC	22. ACTION CODE	23. QTY ISSUED/RECEIVED	24. LOT/SERIAL NO.	25. CC	26. POSTED BY	27. DATE (YYYYMMDD)		
1	RS57	1305-00-556-BALL	CASE CTG FIRED BRASS 5.56MM BALL	EA	Unit fills in the QTY of expended rounds	TRS	TIR							
		LAST ITEM												
<div style="text-align: center;"> <h2 style="color: red;">Appendix O</h2> <h2 style="color: red;">Residue Material Spreadsheet NSN/DODIC</h2> </div>														
28. REMARKS										29. RELATED DOCUMENT SERIAL NOS.				
<p>1. The above items were drawn on <b>ISSUE Document #</b> and were properly expended.</p> <p>2. All other items drawn on <b>ISSUE Document #</b> are being returned on <b>LIVE Document #</b></p> <p>3. Contents have been inspected. Contents do not contain any live rounds, unfired primers, explosives, or other dangerous materials.</p> <p>4. Print Name: _____ (E7 or above)</p> <p>5. Signature: _____ (E7 or above)</p>														
30a. ISSUED BY					30c. DATE (YYYYMMDD)		31a. RECEIVED BY			31c. DATE (YYYYMMDD)		32. TAMIS CONTROL NO.		
30b. SIGNATURE							31b. SIGNATURE							

DA FORM 581, JUN 2021

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APD AEM v1.00ES

## Appendix D

### DA Form 5692-R Processing Instructions

DA Form 5692-R	
Unit	Enter name of unit receiving supplies, i.e. HHB, US ARMY NORTH
Range and Location	Enter name of range and installation where training will take place, i.e., BASIC 10-25M (ZERO) C at Camp Bullis, TX 78257
Document Number	Enter document number consumed ammunition drawn on
Date	Current date
Item	The line number of item(s) that were consumed
DODIC	DODIC of consumed ammunition
Nomenclature	Description of ammunition being consumed
Lot Number	Lot # of consumed ammunition
Quantity Consumed	Quantity unit range safety officer (2LT or higher) verified was expended during training
Date	Date unit range safety (2LT or higher) officer certified of ammunition consumed
Name	Unit range safety officer (2LT or higher), write full name
Position	Range Safety Officer / OIC
Unit	Unit with UIC
Signature	Digital or Wet signatures will be accepted Signature of Range Safety Officer / OIC
Date	YYYYMMDD
Certifying Official	
Name of Official	E6 or above present at the range
Position	i.e. Instructor / Trainer
Signature	Digital or Wet signatures will be accepted by i.e. Instructor / Trainer
Date	YYYYMMDD

### AMMUNITION CONSUMPTION CERTIFICATE

For use of this form, see DA PAM 700-16; the proponent agency is DCS, G-4.

<b>UNIT</b> HHC, 232d AMEDD- 68W/USA BLDG 6130, JBSA FSH, TX, 78234      UIC:W078AA		<b>RANGE AND LOCATION</b> SMTS, CAMP BULLIS
<b>DOCUMENT NO.</b> W507ZB83330621	<b>DATE (YYYYMMDD)</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">20190607</div>	

ITEM	DODIC	NOMENCLATURE	LOT NUMBER	QUANTITY CONSUMED
1	G940	HG, SMK, GRN M18	PB-17C315-007	40
2	G945	HG, SMK, YEL M18	PB-14C011-003	16
3	L594	SIM, PROJ GRND BURST M11	PBG15M335-017	100
4	L601	SIM, HAND GREN, M116A1	PBG15B079-017	150
		-----LAST ITEM-----		

Some specially controlled training items require expenditure certification utilizing DA Form 5692 (Ammunition Consumption Certificate). The items listed on page 22 and ammunition that does not have residual contents after consumption will have DA Form 5692 signed by the unit range safety officer (2LT or higher) certifying that they personally observed the placement of charges, actual detonation, and quantities of all items expended. A SSG or above present at the range will sign as the certifying official that the annotated ammunition was expended during the training event. The original copy of DA Form 5692 will be signed and attached to the DA Form 581 and turned into the ASP. **The “rubber stamp: signature, “auto pen” signature, or the term “For” is not authorized.** Unit will turn in the original DA Form to the ASP within two (2) duty days from completion of turn-in. Units that fail to turn-in supporting documentation within **two (2) duty days** will have their accounts frozen. The ASP will not reconcile issue documents without the required documentation and signatures.

I certify that I saw the above items consumed during training on (indicate date) <span style="font-size: 1.2em;">➔</span>			DATE (YYYYMMDD): <div style="border: 1px solid black; width: 100px; height: 20px;"></div>
NAME (Typed or Printed) CPT Mitchell, Pete	POSITION Range Safety Officer / OIC		
UNIT HHC, 232d AMEDD- 68W/USA	SIGNATURE <div style="border: 1px solid black; width: 150px; height: 20px; background-color: #f0f0f0;"></div>	DATE (YYYYMMDD) <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
<b>CERTIFYING OFFICIAL</b>			
NAME OF OFFICIAL (Typed or Printed) SSG Highway, Thomas	POSITION Instructor	SIGNATURE <div style="border: 1px solid black; width: 150px; height: 20px; background-color: #f0f0f0;"></div>	DATE (YYYYMMDD) <div style="border: 1px solid black; width: 100px; height: 20px;"></div>

DA FORM 5692, JAN 2024

PREVIOUS EDITIONS ARE OBSOLETE.

APO AEM v1.00E8

\*\*\*\*\* Mixing of handwritten and digital signatures on the same document is not authorized. \*\*\*\*\*

## Appendix E

### DA Form 581 Processing Timeline

#### E-1.

a. Appointments. The unit will enter the Date Material Required, ensuring it is on a Monday, Tuesday, Wednesday, or Friday. Bearing in mind Inventory Closure Dates. All ammunition requests must be in "Pending" ASP Acceptance status at least 5 working days prior to issue date. **It is the unit's responsibility to make sure at all levels of the e581 request process in TAMIS that their request has been approved, validated and awaiting ASP acceptance.** The JBSA FSH ASP does not approve and/or TAM validate any e581 request in TAMIS nor manages those approval level in TAMIS.

b. "Short Fuse." This is an emergency request for ammunition which is submitted less than three days prior to the earliest requested pick-up date.

## Appendix F

### “Short Fuse” Request Memorandum Example



#### DEPARTMENT OF THE ARMY UNIT LETTERHEAD

Office Symbol

Date

MEMORANDUM FOR Accountable Officer, Ammunition Supply Point (W45NQJ),  
JBSA Fort Sam Houston, Texas 78234

SUBJECT: Letter of Lateness

1. Unit request approval of the following ammunition to support....  
(enter justification with location of training and date)
2. Document number W45NQJ-XXXX-XXXX (TAMIS Doc #) as a late request.

<u>Ammo DODIC</u>	<u>Ammo Type</u>	<u>Ammo Amount</u>
AB77	CTG, 5.56MM, BALL, M855A1	10,000
HA12	RCKT, 2.75 IN, W/ WHD, HE, M151	48
WF98	GM, SURF ATTACK, MAC, AGM-114N	6

3. When did you unit schedule range in RFMSS? (for TNG)  
What Named Operation/Tasking number/OPORD/FRAGO/WARN (for CBL/OPL)  
What is the Airframe and Tail number? (for OPL, CAD/PAD)
4. When did unit forecast ammunition in TAMIS? (for TNG)  
When did unit forecast CAD/PAD in TAMIS? (for OPL, CAD/PAD)
5. The POC for this memo is SFC Hulka, Bill at 210-625-3687 or via email  
at [bill.hulka.mil@army.mil](mailto:bill.hulka.mil@army.mil).

TOM KAZANSKY  
LTC, AV  
Commanding

## Appendix G

### No Call No Show



#### DEPARTMENT OF THE ARMY UNIT LETTERHEAD

Office Symbol

Date

MEMORANDUM FOR Accountable Officer, Ammunition Supply Point (W45NQJ),  
JBSA Fort Sam Houston, Texas 78234

SUBJECT: Failure to Properly Reschedule and/or Cancel an Issue Request or  
Receive

1. 4<sup>th</sup> SUST CMD HHC failed to receive and/or reschedule a pickup from the  
ASP on 15 July 2024. Doc # W45NQJ-XXXX-XXXX (TAMIS Doc #)
2. The reason for this failure is.....
3. The corrective action is to rectify/prevent this failure in the future  
is.....
4. The POC for this memo is SFC Hulka, Bill at 210-625-3687 or via email  
at [bill.hulka.mil@army.mil](mailto:bill.hulka.mil@army.mil).

TOM KAZANSKY  
LTC, AV  
Commanding

## Appendix H

### DD Form 626 Motor Vehicle Inspection, May 2024

Prescribed by: DTR 4500.9-R

<b>MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS &amp; SENSITIVE MATERIALS)</b> (This form provides a limited inspection of the general operation of the vehicle and is not to be confused with the more thorough vehicles' periodic inspection. Read Instructions before completing this form.)											
This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.						1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER					
SECTION 1 - DOCUMENTATION				ORIGIN a.				DESTINATION b.			
2. CARRIER/GOVERNMENT ORGANIZATION											
3. DATE/TIME OF INSPECTION											
4. LOCATION OF INSPECTION											
5. OPERATOR(S) NAME(S)											
6. OPERATOR(S) LICENSE NUMBER(S)											
7. (X if satisfactory at origin)											
7.a. HAZMAT ENDORSEMENT				7.d. ERG OR EQUIVALENT COMMERCIAL:		YES		NO		8. PERIODIC INSPECTION CURRENT (WITHIN 1 YEAR)*	
7.b. VALID LEASE*				7.e. DRIVER'S CERTIFICATION OF SAFE EQUIPMENT*				8.a. TRUCK/TRACTOR		YES	
7.c. ROUTE PLAN				7.f. COPY OF 49 CFR PART 397				8.b. TRAILER		YES	
SECTION II - VEHICLE INSPECTION All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.											
9. TYPE OF VEHICLE(S)						10. VEHICLE NUMBER(S)					
11. PART INSPECTED (X as applicable, for military, government-owned, or commercial vehicles)						ORIGIN (1)		DESTINATION (2)		COMMENTS (3)	
						SAT		UNSAT			
11.a. HORN OPERATIVE											
11.b. WINDSHIELD/WIPERS											
11.c. MIRRORS											
11.d. WARNING EQUIPMENT											
11.e. SAFETY EQUIPMENT											
11.f. LIGHTS AND REFLECTORS											
11.g. BRAKES*											
11.h. COUPLING DEVICES											
11.i. CARGO SPACE											
11.j. LANDING GEAR*											
11.k. TIRES, WHEELS, RIMS											
11.l. TAILGATE/DOORS*											
11.m. TARPULIN*											
11.n. OTHER (Specify)											
12. INSPECTION RESULTS (X one)						ACCEPTED		REJECTED			
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)											
13. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one)						ACCEPTED		REJECTED			
14. REMARKS											
15. INSPECTOR PRINTED NAME (Origin)						16. INSPECTOR SIGNATURE (Origin)					
SECTION III - POST LOADING INSPECTION This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.											
						ORIGIN (1)		DESTINATION (2)		COMMENTS (3)	
						SAT		UNSAT			
17. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR											
18. LOAD PROPERLY SECURED TO PREVENT MOVEMENT											
19. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT											
20. PROPER PLACARDS APPLIED											
21. SHIPPING PAPERS/DD FORM 2890 FOR GOVERNMENT VEHICLE SHIPMENTS											
22. COPY OF DD FORM 626 FOR DRIVER											
23. SHIPPED UNDER DOT SPECIAL PERMIT 868 OR OTHER DOT SPECIAL PERMIT(S)											
24. INSPECTOR PRINTED NAME/SIGNATURE (Origin)						25. DRIVER(S) PRINTED NAME(S)/ SIGNATURE(S) (Origin) (By signing I certify all motor carrier equipment is in safe operating condition)					
26. INSPECTOR PRINTED NAME/SIGNATURE (Destination)						27. DRIVER(S) PRINTED NAME(S)/SIGNATURE(S) (Destination)					

DD FORM 626, MAY 2024

PREVIOUS EDITION IS OBSOLETE.

Page 1 of 3

Reset

# Appendix I

## DD Form 2890 Multimodal Dangerous Goods Declaration

Prescribed by: DTR 4500.9-R, Part II

DOD MULTIMODAL DANGEROUS GOODS DECLARATION			
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 54; MARPOL 79/78, Annex III, Regulation 4.			
1. SHIPPER/CONSIGNOR/SENDER		2. TRANSPORT DOCUMENT NUMBER	3. PAGE 1 OF PAGES
5. FREIGHT FORWARDER'S REFERENCE		6. CONSIGNEE	7. CARRIER (To be completed by the carrier)
24-HOUR EMERGENCY ASSISTANCE TELEPHONE NUMBERS:			
DOD NON-EXPLOSIVE HAZMAT: (800) 851-8061/ (804) 279-3131 AT SEA: COLLECT: (804) 279-3131	DOD HAZ CLASS 1 (EXPLOSIVES) ONLY: COLLECT: (703) 695-4695/4696 or DSN: 225-4695/4696 (Watch Officer)	CHEMICAL/BIOLOGICAL WARFARE MATERIAL: (410) 436-6200 DSN: 584-6200	DOD SECURE HOLDING: (800) 826-0794 (For TSPs/drivers emergency secure holding issues, accidents, delays, and incidents) OIL/CHEMICAL SPILLS: NRC & TERRORIST HOTLINE: (800) 424-8802 AT SEA: COLLECT: (202) 267-2675
8. THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR: (X as applicable) <input type="checkbox"/> MILITARY VESSEL <input type="checkbox"/> COMMERCIAL VESSEL <input type="checkbox"/> HIGHWAY/RAIL		9. CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION, DD FORM 2781, IS ATTACHED (X if applicable)	
10. VOYAGE DOCUMENT NUMBER AND SAILING DATE (To be completed by the carrier)		11. PORT/PLACE OF LOADING	
12. PORT/PLACE OF DISCHARGE		13. DESTINATION	
14. SHIPPING MARKS	DESCRIPTION OF GOODS (UN No., PSN, HC, SHC, PG, number and kind of package, and additional information as required by regulations)	NET MASS/QTY (kg/l)	GROSS MASS (kg)
15. CONTAINER IDENTIFICATION NO./VEHICLE REGISTRATION NO.		16. SEAL NUMBER(S)	17. CONTAINER/VEHICLE AND TYPE
18. TARE MASS (kg)			
19. ADDITIONAL HANDLING INFORMATION			
20. RECEIVING ORGANIZATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon:			
a. RECEIVING ORGANIZATION REMARKS			
b. HAULER'S NAME	c. VEHICLE REGISTRATION NO.	d. SIGNATURE AND DATE	e. DRIVER'S SIGNATURE
21. SHIPPER PREPARING THIS FORM			
SHIPPER'S DECLARATION. I hereby declare that the contents of this consignment are fully and accurately described above by the Proper Shipping Name, and are classified, packaged, marked, and labeled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.			
a. NAME OF COMPANY/MILITARY UNIT		b. NAME/STATUS OF DECLARANT/CERTIFIER	
c. PLACE AND DATE		d. SIGNATURE OF DECLARANT/CERTIFIER	

DD FORM 2890, SEP 2015

PREVIOUS EDITION IS OBSOLETE.





## Appendix J

### Request for Extension Memorandum Example



#### DEPARTMENT OF THE ARMY UNIT LETTERHEAD

Office Symbol

Date

MEMORANDUM FOR Accountable Officer, Ammunition Supply Point (W45NQJ),  
JBSA Fort Sam Houston, Texas 78234

SUBJECT: Request for Extension

1. HHB, US ARMY NORTH is requesting an extension on document number Doc # W45NQJ-XXXX-XXXX (TAMIS Doc #)
2. Due to red range conditions during out filed training (justification on why document needs to be extended).....to include new dates that doc needs to be extended to i.e. 2 Dec through 30 Dec 20XX
3. The POC for this memo is SFC Hulka, Bill at 210-625-3687 or via email at [bill.hulka.mil@army.mil](mailto:bill.hulka.mil@army.mil) .

TOM KAZANSKY  
LTC, AV  
Commanding

## **Appendix K**

### **ASP Ammunition Security Risk Categories (AR 190-11, Appendix B, B-2)**

#### **Category I**

- (a) Nonnuclear man-portable missiles and rockets “in a ready to fire” or “complete round” configuration; for example, Redeye, Stinger, Dragon, Javelin, light antitank weapon (LAW) (66mm), shoulder-launched multi-purpose assault weapon rocket (83mm), and AT-4 anti-armor launcher and cartridge (84mm). Also included are the tube-launched, optically tracked, wire-guided missile (TOW) weapon and the Hellfire missile.
- (b) When jointly stored or transported with the launcher tube and/or grip stock and the explosive round, though not in a ready-to-fire configuration, they will also be considered Category I.

#### **Category II**

- (a) Hand or rifle grenades, high explosives, and some configurations of white phosphorus.
- (b) Mines, antitank, or antipersonnel (unpacked weight of 50 pounds or less each).
- (c) Explosives used in demolition operations (for example, C-4, military dynamite, and TNT).
- (d) For Army chemical munitions, this access will be under the two-person rule (see AR 50-6, chap 5, 5-1).

#### **Category III**

- (a) Ammunition, .50 caliber and larger, with explosive filled projectile (unpacked weight of 100 pounds or less each).
- (b) Grenades, incendiary, and fuzes for high explosive grenades.
- (c) Blasting caps.
- (d) Supplementary charges (uninstalled, or installed in projectiles in a manner allowing easy removal without special tools or equipment).
- (e) Bulk explosives.
- (f) Detonating cord.

#### **Category IV**

- (a) Ammunition with non–explosive projectile (unpacked weight of 100 pounds or less each).
- (b) Fuzes, except for Cat III (b) above.
- (c) Grenades, illumination, smoke, and tear gas and/or chloroacetophenone (tear– producing).
- (d) Incendiary destroyers.
- (e) Riot control agents, 100-pound package or less.
- (f) Ammunition for weapons in Cat III (b) above, not otherwise categorized

## Appendix L

### Deliberate Risk Assessment Worksheet

DELIBERATE RISK ASSESSMENT WORKSHEET						
1. MISSION/TASK DESCRIPTION AND EXECUTION DATE(S) Maintain, Store, Issue, and Receive Ammunition and Explosives at the ASP					2. DATE PREPARED 20240731	
3. PREPARED BY						
a. NAME (Last, First, Middle Initial) Vela, Anthony L.			b. RANK/GRADE GS09		c. DUTY TITLE/POSITION ASP Accountable Property Officer (APO)	
d. UNIT 407th AFSBn- LRC FSH		e. WORK EMAIL anthony.l.vela.civ@army.mil		f. TELEPHONE (DSN, Commercial (Include Area Code)) 471-9229/210-221-9229		
g. UIC/CIN (as required) W6YSAA		h. TRAINING SUPPORT/LESSON PLAN OR OPORD (as required)		i. SIGNATURE OF PREPARER VELA.ANTHONY.LEE.1132140045 40045 <small>Digitally signed by VELA.ANTHONY.LEE.1132140045 Date: 2024.07.31 11:17:11 -05'00'</small>		
Five steps of Risk Management: (1) Identify the hazards (2) Assess the hazards (3) Develop controls & makes decisions (4) Implement controls (5) Supervise and evaluate (Step numbers not equal to numbered items on form)						
	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<div>+ -</div> <div>+ -</div> <div>+ -</div>	Wearing PPE	Failure to wear or improper use of PPE leading to personal injury or illness.	M	Conduct walk through of operations prior to start to understand PPE requirements ; have employees read and sign SOP	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Evacuation during emergencies	Personnel not cognizant of or do not have an understanding of evacuation procedure or are unable to use designated exits.	M	All assigned personnel will read/sign applicable SOP prior to start of operations. All personnel have a clear understanding of procedure.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Lifting	Improper lifting technique	M	Implement a buddy system or use mechanical assist on items exceeding individual lifting capability or are otherwise difficult.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<div>+</div> <div>-</div> <div>+</div> <div>-</div> <div>+</div> <div>-</div> <div>+</div> <div>-</div>	Housekeeping	Slips, trips, and falls due to overcrowded and cluttered work area.	M	Include cleaning responsibilities in all procedures. Prior to start of operations; all personnel are aware of housekeeping requirements.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Cutting or handling steel banding.	Steel banding striking face, eyes, hands; employee cutting hands/ arms during handling; boxes falling off pallet striking employee	M	Employees will be trained on how to properly cut and handle steel banded loads and will wear all PPE required for project.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Repetitive motion	Carpal tunnel syndrome.	M	Regular rotation of personnel to different operations. Provide tools equipment, and exercise regimens that prevent onset-of-condition.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Smoking, eating, drinking in work area.	Explosion fire, employee ingesting harmful substances.	M	Restrict smoking/eating/ drinking to designated areas; add requirements in operation procedures; use signage for more control/reinforce.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Usage of hand tools, APE, and other equipment.	Tool or equipment malfunction.	M	Personnel will be trained on proper usage, handling, and maintenance of tools and equipment. Requirements will be clear/concise.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<div>+</div> <div>-</div> <div>+</div> <div>-</div> <div>+</div> <div>-</div> <div>+</div> <div>-</div> <div>+</div> <div>-</div>	Violating the Cardinal Rule	Exceeding established NEW and personnel limits; untrained and unknowledgeable personnel handling AA&E; PPE not being used	M	Visitors will be required to sign in & check with the supervisor prior to entering work area; procedures will clearly define NEW and personnel.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Handling ammunition containers and empty pallets.	Exposing bare skin to chemically treated wood; injury to hands or feet due to dropping container or pallet.	M	Appropriate PPE will be worn; employees will be trained in proper procedures of handling items.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Degassing simulators (DODIC's L367, L594, L598, and L601).	Violent expansion of wooden boxes when cutting banding; fire; explosion.	M	Proper PPE/APE equipment will be in place before cutting banding; only non-sparking tools used. Area will be ventilated/free of flammables.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Handling ammunition item and components.	Explosion fire; exposure leaking munitions.	M	Personnel handling explosives will be trained, certified and closely supervised.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Handling electrically initiated items.	Unexpected initiation-of munitions.	M	Personnel will wear tested conductive shoes and wrist stats prior to start of operations. Tests are documented. Bonding checked	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<div>+</div> <div>-</div>	Failure to properly bond work surfaces and equipment.	Static discharge	M	Only qualified personnel will bond equipment and work surfaces; electrical test will be accomplished and documented.	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
	Moving ammunition by truck, forklift, and pallet jack.	Ammunition items falling off truck or forklift; vehicle accident operating vehicle not authorizes to operate item.	M	Train and license forklift and vehicle operators IAW applicable regulations; secure loads on truck to prevent movement (strap or block and brace)	How: Initial Safety brief operation  Who: Supervisor/Team lead and/or QA enforcement	L
<b>10. OVERALL RESIDUAL RISK LEVEL (All controls implemented):</b> <input type="checkbox"/> EXTREMELY HIGH <input type="checkbox"/> HIGH <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> LOW						
<b>11. OVERALL SUPERVISION PLAN AND RECOMMENDED COURSE OF ACTION</b> ASP Supervisors and Managers as well as designated lead personnel will provide continuous oversight and on the spot correction to ALL areas to ensure that operations are carried out in the safest manner possible. All personnel assigned to the JBSA Fort Sam Houston, LRC FSH, Ammunition Supply Point will participate in require training and briefings in or to maintain awareness.						
<b>12. APPROVAL OR DISAPPROVAL OF MISSION OR TASK</b> <input checked="" type="checkbox"/> APPROVE <input type="checkbox"/> DISAPPROVE						
a. NAME (Last, First, Middle Initial)		b. RANK/GRADE	c. DUTY TITLE/POSITION	d. SIGNATURE OF APPROVAL AUTHORITY		
Portz, Frank B.		GS-14	Supervisory Log Mgmt Specialist	PORTZ.FRANK.BE RNARD.1130130603 <small>Digitally signed by PORTZ.FRANK.BERNARD.1130130603 Date: 2024.08.01 14:53:36 -0500</small>		
e. ADDITIONAL GUIDANCE:						

RISK ASSESSMENT MATRIX		Probability (Expected frequency)				
		Frequent: Continuous, regular, or inevitable occurrences	Likely: Several or numerous occurrences	Occasional: Sporadic or intermittent occurrences	Seldom: Infrequent occurrences	Unlikely: Possible occurrences but improbable
Severity (expected consequence)		A	B	C	D	E
Catastrophic: Mission failure, unit readiness eliminated; death, unacceptable loss or damage	I	EH	EH	H	H	M
Critical: Significantly degraded unit readiness or mission capability; severe injury, illness, loss or damage	II	EH	H	H	M	L
Moderate: Somewhat degraded unit readiness or mission capability; minor injury, illness, loss, or damage	III	H	M	M	L	L
Negligible: Little or no impact to unit readiness or mission capability; minimal injury, loss, or damage	IV	M	L	L	L	L
LEGEND: EH - Extremely High Risk H - High Risk M - Medium Risk L - Low Risk						
13. RISK ASSESSMENT REVIEW (Required when assessment applies to ongoing operations or activities)						
a. DATE	b. LAST NAME	c. RANK/GRADE	d. DUTY TITLE/POSITION	e. SIGNATURE OF REVIEWER		
				SIGNATURE		
				SIGNATURE		
				SIGNATURE		
14. FEEDBACK AND LESSONS LEARNED						
15. ADDITIONAL COMMENTS OR REMARKS						



Instructions for Completing DD Form 2977, "Deliberate Risk Assessment Worksheet"	
<p><b>1. Mission/Task Description and Execution</b>  <b>Date(s):</b> Briefly describe the overall Mission or Task and execution date(s) for which the deliberate risk assessment is being conducted.</p> <p><b>2. Date Prepared:</b> Enter date form was prepared.</p> <p><b>3. Prepared By:</b> Information provided by the individual conducting the deliberate risk assessment for the operation or training.  <b>Legend:</b> UIC = Unit Identification Code; CIN = Course ID Number; OPORD = operation order; DSN = defense switched network; COMM = commercial</p> <p><b>4. Subtask/SubStep of Mission/Task:</b> Briefly describe all subtasks or substeps that warrant risk management.</p> <p><b>5. Hazard:</b> Specify hazards related to the subtask in block 4.</p> <p><b>6. Initial Risk Level:</b> Determine initial risk level. Using the risk assessment matrix (preceding block 13), determine level of risk for each hazard specified. Use probability and severity to determine risk level; enter risk level into column.</p> <p><b>7. Control:</b> Enter risk mitigation resources/controls identified to abate or reduce risk relevant to the hazard identified in block 5.</p> <p><b>8. How to Implement / Who Will Implement:</b> Briefly describe the means of employment for each control (i.e., OPORD, briefing, rehearsal) and the name of the individual, unit or office that has primary responsibility for control implementation.</p> <p><b>9. Residual Risk Level:</b> After controls are implemented, determine resulting probability, severity, and residual risk level.</p> <p><b>10. Overall Risk After Controls are Implemented:</b> Assign an overall residual risk level. This is equal to or greater than the highest residual risk level (from block 9).</p>	<p><b>11. Supervision Plan and Recommended Course of Action:</b> Completed by preparer. Identify specific tasks and levels of responsibility for supervisory personnel and provide the decision authority with a recommend course of action for approval or disapproval based upon the overall risk assessment.</p> <p><b>12. Approval/Disapproval of Mission/Task:</b> Risk approval authority approves or disapproves the mission or task based on the overall risk assessment, including controls, residual risk level, and supervision plan.</p> <p><b>13. Risk Assessment Review:</b> Should be conducted on a regular basis. Reviewers should have sufficient oversight of the mission or activity and controls to provide valid input on changes or adjustments needed. If the residual risk rises above the level already approved, operations should cease until the appropriate approval authority is contacted and approves continued operations.</p> <p><b>14. Feedback and Lessons Learned:</b> Provide specific input on the effectiveness of risk controls and their contribution to mission success or failure. Include recommendations for new or revised controls, practicable solutions, or alternate actions. Submit and brief valid lessons learned as necessary to persons affected.</p> <p><b>15. Additional Comments or Remarks:</b> Preparer or approval authority provides any additional comments, remarks, or information to support the integration of risk management.</p> <p><b>Additional Guidance:</b> Blocks 4-9 may be reproduced as necessary for processing of all subtasks/substeps of the mission/task. The addition and subtraction buttons are designed to enable users to accomplish this task.</p>

**Appendix M**  
**Julian Date Calendar**

**JULIAN DATE CALENDAR**  
**PERPETUAL**

<b>Day</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Day</b>
<b>1</b>	001	032	060	091	121	152	182	213	244	274	305	335	<b>1</b>
<b>2</b>	002	033	061	092	122	153	183	214	245	275	306	336	<b>2</b>
<b>3</b>	003	034	062	093	123	154	184	215	246	276	307	337	<b>3</b>
<b>4</b>	004	035	063	094	124	155	185	216	247	277	308	338	<b>4</b>
<b>5</b>	005	036	064	095	125	156	186	217	248	278	309	339	<b>5</b>
<b>6</b>	006	037	065	096	126	157	187	218	249	279	310	340	<b>6</b>
<b>7</b>	007	038	066	097	127	158	188	219	250	280	311	341	<b>7</b>
<b>8</b>	008	039	067	098	128	159	189	220	251	281	312	342	<b>8</b>
<b>9</b>	009	040	068	099	129	160	190	221	252	282	313	343	<b>9</b>
<b>10</b>	010	041	069	100	130	161	191	222	253	283	314	344	<b>10</b>
<b>11</b>	011	042	070	101	131	162	192	223	254	284	315	345	<b>11</b>
<b>12</b>	012	043	071	102	132	163	193	224	255	285	316	346	<b>12</b>
<b>13</b>	013	044	072	103	133	164	194	225	256	286	317	347	<b>13</b>
<b>14</b>	014	045	073	104	134	165	195	226	257	287	318	348	<b>14</b>
<b>15</b>	015	046	074	105	135	166	196	227	258	288	319	349	<b>15</b>
<b>16</b>	016	047	075	106	136	167	197	228	259	289	320	350	<b>16</b>
<b>17</b>	017	048	076	107	137	168	198	229	260	290	321	351	<b>17</b>
<b>18</b>	018	049	077	108	138	169	199	230	261	291	322	352	<b>18</b>
<b>19</b>	019	050	078	109	139	170	200	231	262	292	323	353	<b>19</b>
<b>20</b>	020	051	079	110	140	171	201	232	263	293	324	354	<b>20</b>
<b>21</b>	021	052	080	111	141	172	202	233	264	294	325	355	<b>21</b>
<b>22</b>	022	053	081	112	142	173	203	234	265	295	326	356	<b>22</b>
<b>23</b>	023	054	082	113	143	174	204	235	266	296	327	357	<b>23</b>
<b>24</b>	024	055	083	114	144	175	205	236	267	297	328	358	<b>24</b>
<b>25</b>	025	056	084	115	145	176	206	237	268	298	329	359	<b>25</b>
<b>26</b>	026	057	085	116	146	177	207	238	269	299	330	360	<b>26</b>
<b>27</b>	027	058	086	117	147	178	208	239	270	300	331	361	<b>27</b>
<b>28</b>	028	059	087	118	148	179	209	240	271	301	332	362	<b>28</b>
<b>29</b>	029		088	119	149	180	210	241	272	302	333	363	<b>29</b>
<b>30</b>	030		089	120	150	181	211	242	273	303	334	364	<b>30</b>
<b>31</b>	031		090		151		212	243		304		365	<b>31</b>

## JULIAN DATE CALENDAR

FOR LEAP YEARS ONLY

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day
1	001	032	061	092	122	153	183	214	245	275	306	336	1
2	002	033	062	093	123	154	184	215	246	276	307	337	2
3	003	034	063	094	124	155	185	216	247	277	308	338	3
4	004	035	064	095	125	156	186	217	248	278	309	339	4
5	005	036	065	096	126	157	187	218	249	279	310	340	5
6	006	037	066	097	127	158	188	219	250	280	311	341	6
7	007	038	067	098	128	159	189	220	251	281	312	342	7
8	008	039	068	099	129	160	190	221	252	282	313	343	8
9	009	040	069	100	130	161	191	222	253	283	314	344	9
10	010	041	070	101	131	162	192	223	254	284	315	345	10
11	011	042	071	102	132	163	193	224	255	285	316	346	11
12	012	043	072	103	133	164	194	225	256	286	317	347	12
13	013	044	073	104	134	165	195	226	257	287	318	348	13
14	014	045	074	105	135	166	196	227	258	288	319	349	14
15	015	046	075	106	136	167	197	228	259	289	320	350	15
16	016	047	076	107	137	168	198	229	260	290	321	351	16
17	017	048	077	108	138	169	199	230	261	291	322	352	17
18	018	049	078	109	139	170	200	231	262	292	323	353	18
19	019	050	079	110	140	171	201	232	263	293	324	354	19
20	020	051	080	111	141	172	202	233	264	294	325	355	20
21	021	052	081	112	142	173	203	234	265	295	326	356	21
22	022	053	082	113	143	174	204	235	266	296	327	357	22
23	023	054	083	114	144	175	205	236	267	297	328	358	23
24	024	055	084	115	145	176	206	237	268	298	329	359	24
25	025	056	085	116	146	177	207	238	269	299	330	360	25
26	026	057	086	117	147	178	208	239	270	300	331	361	26
27	027	058	087	118	148	179	209	240	271	301	332	362	27
28	028	059	088	119	149	180	210	241	272	302	333	363	28
29	029	060	089	120	150	181	211	242	273	303	334	364	29
30	030		090	121	151	182	212	243	274	304	335	365	30
31	031		091		152		213	244		305		366	31

USE IN 2004, 2008, 2012, 2016, 2020, 2024, ETC.

## Appendix N

### Brass Weight Conversion Chart

.50 Cal, Brass: all	0.121		9mm Cal , Brass	0.009
.22 Cal Short	0.0008		.22 Cal Long	0.0014
Shotgun, Brass	0.036		5.56 mm Brass	0.0135
7.62 mm Brass	0.026		.38 Cal, Brass	0.009
.45 Cal, Brass	0.0124		.45 Cal Steel, Brass	0.012
5.56 mm paint rd.	0.0125		9 mm paint rd.	0.008

\*All other brass equals individual count: See example below:

Ammunition issued: 1,000 rounds/ 5.56mm 1,000 X .0135 = 13.5 Lbs.

Required residue turn-in is 13.5 lbs. of brass.

## Appendix O

### Residue Material Spreadsheet NSN/DODIC

TYPE OF MATERIAL	NSN	DODIC
Case cartridge, fired brass, caliber .22 short	1305-00-22S-BALL	RS22
Case cartridge, fired brass, caliber .22 long	1305-00-22L-BALL	RS23
Case cartridge, fired brass, caliber .30 carbine	1305-00-30B-BALL	RS30
Case cartridge, fired steel, caliber .30 carbine	1305-00-30S-BALL	RS31
Case cartridge, fired brass, caliber .30 carbine all other	1305-00-30A-BALL	RS32
Case cartridge, fired brass, caliber .38 all	1305-00-038-BALL	RS38
Case cartridge, fired brass, caliber .45 all	1305-00-B45-BALL	RS45
Case cartridge, fired steel, caliber .45 all	1305-00-S45-BALL	RS46
Case cartridge, fired brass, caliber .50 blank	1305-00-050-BLNK	RS50
Case cartridge, fired brass, caliber .50 ball	1305-00-050-BALL	RS51
Case cartridge, fired steel, caliber .50 all	1305-00-050-STEE	RS52
Case cartridge, fired brass, 5.56MM blank	1305-00-556-BLNK	RS56
Case cartridge, fired brass, 5.56MM ball	1305-00-556-BALL	RS57
Case cartridge, fired brass, 7.62MM blank	1305-00-762-BLNK	RS62
Case cartridge, fired brass, 7.62MM ball	1305-00-762-BALL	RS63
Case cartridge, fired brass, 300 WinMag all	1305-00-300-BALL	RS03
Case cartridge, fired brass, 9MM parabellum	1305-00-9MM-BALL	RS09
Case cartridge, fired brass, 20MM small	1305-00-20M-SMLL	RS20
Case cartridge, fired brass, 20MM large	1305-00-20M-LRGE	RS21
Case cartridge, fired brass, 12 Gauge shotgun all	1305-00-012-GALL	RS12
Case cartridge, fired steel, 25MM all	1305-00-25M-STEE	RS25
Case cartridge, fired brass, all other	1305-00-ALL-OTHR	RSXX

## Appendix P

### Camp Stanley and JBSA Lackland AFB, Chapman Annex Directions

Start Point: Bldg. 4055 Ft Sam Houston

End Point: **Camp Stanley Gate 5**

Trip Distance and Time: 25.1 Miles, 28 Min

- |                                                                            |            |
|----------------------------------------------------------------------------|------------|
| (1) Depart Wilson Way                                                      | 0.1 miles  |
| (2) Turn right onto Walters Road                                           | 0.6 miles  |
| (3) Turn right onto N Pan am Expressway                                    | 0.6 miles  |
| (4) Take ramp left and follow signs I-35/Pan am Expway South               | 0.1 miles  |
| (5) Exit 156, take ramp right for I-10/McDermott FWY West towards El Paso  | 19.6 miles |
| (6) At Exit 550, take ramp toward Ralph Fair Road                          | 0.1 miles  |
| (7) Keep straight onto W I-10/US-87N                                       | 0.4 miles  |
| (8) Turn right onto FM-3351/Ralph Fair Road                                | 0.7 miles  |
| (9) Turn right onto Tompkins Rd                                            |            |
| (10) Arrive at Camp Stanley ASP Gate 5. Please do not block gate entrance. |            |

Start Point: Bldg. 4055 Ft Sam Houston

End Point: **JBSA Lackland AFB, Chapman Annex-Munition Storage Area (MSA/MUNS)**

Trip Distance and Time: 21.6 Miles, 31 Min

- |                                                                       |           |
|-----------------------------------------------------------------------|-----------|
| (1) Depart Wilson Way                                                 | 0.1 miles |
| (2) Turn right onto Walters Road                                      | 0.6 miles |
| (3) Turn right onto N Pan am Expressway                               | 0.6 miles |
| (4) Take ramp left and follow signs I-35/Pan am Expway South          | 0.1 miles |
| (5) Keep left to stay on I-35 S                                       | 1.4 miles |
| (6) At Exit 153, head right on the ramp for US-90 West toward Del Rio | 8.1 miles |
| (7) Take the ramp on the right and follow signs for I-410 / TX-16     | 0.5 miles |

- |                                                                               |           |
|-------------------------------------------------------------------------------|-----------|
| (8) Take the ramp on the right and follow signs for I-410 South / TX-16 South | 1.4 miles |
| (9) Turn right onto New Valley Hi Dr toward Lackland Annex                    | 0.5 miles |
| (10) Turn left onto Ray Ellison                                               | 0.5 miles |
| (11) Turn right onto Medina Base Rd                                           | 0.3 miles |
| (12) Road name changes to Lackland Air Force Base Annex Rd                    | 0.7 miles |
| (13) Turn left onto Sendero and Patrol Rd                                     | 0.2 miles |
| (14) Turn right onto Lackland Air Force Base Annex Rd                         | 433ft     |
| (15) Turn left to stay on Lackland Air Force Base Annex Rd                    | 0.1 miles |
| (16) Arrive at Lackland Air Force Base Annex Rd on the left                   | 0.3 miles |



## Appendix Q

### DA Form 5811

<b>CERTIFICATE - LOST OR DAMAGED CLASS 5 AMMUNITION ITEMS</b> <small>For use of this form, see DA PAM 700-18; the proponent agency is DCS, G-4.</small>						
PART I - CERTIFICATION						
I certify that the item(s) described in blocks 1-5 below were as stated. Circumstances of the loss or damage are accurately described below.						
1. STOCK NO.	2. DESCRIPTION	3. QUANTITY	4. ITEM WAS (Check)		5. DAMAGED BY NEGLIGENCE? (Check)	
			a. LOST	b. DAMAGED	a. YES	b. NO
1305-00-762-BALL RS63	Case cartridge, fired brass, 7.62MM ball	6 LBS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Last Item-----	-----	-----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**6. CIRCUMSTANCES OF LOSS OR DAMAGE**  
 The items listed above were lost during an aviation live fire exercise and fired from an aircraft over the impact zone on Range 29 on Camp Bullis, TX.

The above items were drawn on:  
 Unit  
 Date  
 UIC  
 TAMIS Document number (Issued, Live Turn-in and Residue)

\*\*\*\*\* Mixing of handwritten and digital signatures on the same document is not authorized. \*\*\*\*\*

\*\*\*\*\*The “rubber stamp: signature, “auto pen” signature, or the term “For” is not authorized. \*\*\*\*\*

<b>7a. SIGNATURE</b> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>		<b>7b. DATE</b> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>Rank / Signature / Duty Position ( Organizational Commander)</b>		<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
PART II - ACTION		
<b>8. I have reviewed the evidence pertaining to the loss or damage as stated. I agree <input checked="" type="checkbox"/> do not agree <input type="checkbox"/></b> that the loss or damage to the class 5 item (s) was <input type="checkbox"/> was not <input checked="" type="checkbox"/> due to negligence, willful misconduct, or deliberate unauthorized use. The following actions shall be taken:		<b>CHECK ALL THAT APPLY</b>
<b>9. No further action is required.</b>		<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>10. An administrative adjustment shall be made in the property book for the class 5 item (s) that were not lost through negligence, willful misconduct, or deliberate unauthorized use.</b>		<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>11. The damaged class 5 item(s) shall be repaired as fair wear and tear as the damage was not caused by negligence, willful misconduct, or deliberate unauthorized use.</b>		<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>12. The circumstances surrounding the loss or damage warrant the processing of a formal Report or Survey that will be initiated immediately by the responsible property officer.</b>		<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>13a. SIGNATURE</b> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>	<b>13b. TITLE</b> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>	<b>13c. DATE</b> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>
<b>Rank (LTC/GS-14 or above) / Signature</b>	<b>Duty Position</b>	<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="background-color: #f2f2f2; width: 100px; height: 100%;"></div> <div style="border-left: 1px solid black; width: 100%; height: 100%;"></div> </div>

DA FORM 5811, JUN 2021

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## Appendix R

### Missile Firing Data Report (HELLFIRE)

MISSILE FIRING DATA REPORT (HELLFIRE)		INSTRUCTIONS: Check the appropriate block and fill in the blanks. Fill out only blanks which are applicable to your firings.	
For use of this form, see DA PAM 700-16; the proponent agency is DCS, G-4.			
1. LOCATION: Ft Cavazos, TX	22. FIRING CATEGORY: <input checked="" type="checkbox"/> TROOP TRAINING <input type="checkbox"/> COMBAT <input type="checkbox"/> OTHER	35. FIRING MODE: <input checked="" type="checkbox"/> LOBL <input type="checkbox"/> LOAL-LO (Flat) <input type="checkbox"/> LOAL DIRECT <input type="checkbox"/> LOA- HI (Loft) <input type="checkbox"/> LOAL DEFAULT TO LOBL	48. AIRCRAFT ALTITUDE (ft-MSL): 500
2. DATE (MM/DD/YY): 06/06/24	23. WIND VELOCITY & VECTOR: <input type="checkbox"/> 0 - 5 MPH <input type="checkbox"/> 15 - 20 MPH <input checked="" type="checkbox"/> 5 - 10 MPH <input type="checkbox"/> 20 - 30 MPH <input type="checkbox"/> 10 - 15 MPH <input type="checkbox"/> OVER 30 MPH	36. LOAL DELAY TIME (SECONDS AFTER MISSILE SEPARATION):	49. AIRCRAFT SPEED (knots): 15
3. MISSILE S/N: 987654	24. WEATHER: <input type="checkbox"/> CLEAR <input type="checkbox"/> RAIN <input type="checkbox"/> ICE/SLEET <input type="checkbox"/> FOG/MIST <input checked="" type="checkbox"/> OVERCAST <input type="checkbox"/> SNOW	37. CATEGORY OF TARGET: <input checked="" type="checkbox"/> STATIONARY <input type="checkbox"/> MOVING - SPEED (MPH):	50. PRELAUNCH BIT: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NOT PERFORMED
4. MISSILE LOT NO.: MGP18D001-016	25. TEMP AT FIRING: 90 °C <input checked="" type="checkbox"/> °F	38. TARGET TYPE: <input type="checkbox"/> AUTOMOBILE <input type="checkbox"/> BUILDING <input checked="" type="checkbox"/> TANK <input type="checkbox"/> OTHER:	51. COCKPIT/PAYLOAD VIDEO AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
5. MISSILE TYPE/MODEL:	26. WARHEAD DELAY ("R" VARIANTS ONLY) <input type="checkbox"/> DEFAULT <input checked="" type="checkbox"/> HOBBS <input type="checkbox"/> DELAYED, DELAY TIME/PRF CODE:	39. TARGET SIZE:	52. MISSILE LAUNCHED: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. LAUNCH PLATFORM: <input type="checkbox"/> AH-64 <input type="checkbox"/> MQ-1 <input type="checkbox"/> OH-58 <input checked="" type="checkbox"/> OTHER AH-6J/MH-60 DAP	27. LASER CODE: 22222	40. TARGET ALTITUDE (ft-MSL):	53. MISSILE IMPACT: <input checked="" type="checkbox"/> HIT TARGET <input type="checkbox"/> UNOBSERVED <input type="checkbox"/> MISSED TARGET <input type="checkbox"/> SHORT <input type="checkbox"/> RIGHT <input type="checkbox"/> LONG <input type="checkbox"/> LEFT EST. RANGE FROM LAUNCHER TO IMPACT POINT
7. AIRCRAFT TAIL NUMBER: 12-369852	28. VISIBLE OBSCURANTS AT LAUNCH POINT: <input checked="" type="checkbox"/> SAND/DUST <input type="checkbox"/> HOMOGENEOUS <input type="checkbox"/> INDUCED <input type="checkbox"/> OTHER	41. RANGE FROM LAUNCH PLATFORM TO TARGET: (KM)	54. WARHEAD DETONATION? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNOBSERVED
8. GCS NUMBER (UAS):	29. MISSILE CCM SWITCH: <input type="checkbox"/> UP <input checked="" type="checkbox"/> DOWN	42. FUZE DELAY: <input checked="" type="checkbox"/> ANTI-ARMOR <input type="checkbox"/> MOUT <input type="checkbox"/> N/A <input type="checkbox"/> OTHER	55. PROBABLE CAUSE IF MISSED: <input type="checkbox"/> DESIGNATOR EQUIPMENT MALF. <input type="checkbox"/> LAUNCHER <input type="checkbox"/> REMOTE HELLFIRE ELECTRONICS <input type="checkbox"/> DESIGNATOR PERSONNEL ERROR <input type="checkbox"/> GUNNER PERSONNEL ERROR <input type="checkbox"/> BACKSCATTER <input type="checkbox"/> MISSILE <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER (EXPLAIN BELOW)
9. CALL SIGN: VALOR 49	30. GUNNER EXPERIENCE: 15 PREVIOUS MISSILES	43. DESIGNATOR TYPE: <input type="checkbox"/> TADS <input type="checkbox"/> CSP (UAS) <input checked="" type="checkbox"/> MMS <input type="checkbox"/> G/VLLD-MANNED <input type="checkbox"/> G/VLLD-UNMANNED <input type="checkbox"/> LTD <input type="checkbox"/> MULE <input type="checkbox"/> OTHER	56. DESCRIPTION OF FLIGHT: Range 45
10. UIC: W45NQJ	31. DESIGNATOR MODE: <input checked="" type="checkbox"/> AUTONOMOUS <input type="checkbox"/> REMOTE	44. TRACKING METHOD: <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/> AUTO	MAIL COMPLETED FORM TO: DIRECTOR USA RDECOM ATTN: RDMR - SER REDSTONE ARSENAL, AL 35898-5000
11. UNIT: 1st CAV CAB, ATTK	32. REMOTE DESIGNATOR: DESIGNATOR OFFSET (DEG): 5 A/C TAIL NO. (IF APPLICABLE): RADIO CALL SIGN:	45. BORESIGHT: <input type="checkbox"/> INTERNAL BORESIGHT COMPLETED <input checked="" type="checkbox"/> OUTFRONT BORESIGHT COMPLETED & VERIFIED	FROM (INCLUDE ZIP CODE): 76544
12. LAUNCHER S/N: 8527410	33. TARGET OFFSET ANGLE: 9 (DEG) <input checked="" type="checkbox"/> RIGHT <input type="checkbox"/> LEFT	46. ACQUISITION SENSOR: <input type="checkbox"/> TV <input checked="" type="checkbox"/> FLIR <input type="checkbox"/> DVO	
13. MISSILE LOCATION: (Left) (Right)  (Looking Down Range) MISSILE LOCATION (UAS): (Left) (Right)  (Looking Down Range)	34. TYPE OF LAUNCH: <input checked="" type="checkbox"/> SINGLE <input type="checkbox"/> RAPID* <input type="checkbox"/> RIPPLE* *MFDR REQUIRED FOR EACH MISSILE	47. BACKSCATTER AVOIDANCE TECHNIQUES EMPLOYED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	
14. Location of other missiles loaded when fired (list numbers from diagram above):			
15. CAPTIVE CARRY/V HOURS*:			
16. POWER-ON HOURS*:			
17. BATTERY LIFE REMAINING*:			
18. MISSILE TEMP*: °C			
19. HUMIDITY (%RH)*:			
20. SHOCK*:			
21. FIRING AGENCY:			
NAME AND GRADE OF GUNNER (TYPE OR PRINT) Form must be completed by Gunner/Pilot not 89B/92F		NAME AND GRADE OF PILOT (TYPE OR PRINT) One form per Hellfire.   AGAIN, One Form per Hellfire	
DA FORM 5583, JUN 2021		DSN TELEPHONE NUMBER DATE	

## Appendix S

### Ammunition Malfunction Report

DA FORM 4379-SG, MHP website ( <https://mhp.redstone.army.mil/modules/Malfunction/DA4379.aspx> )

AMMUNITION MALFUNCTION REPORT				1. REPORT NO.	
For use of this form, see DA PAM 75-1; the proponent agency is DCS, G-4					
2. MALFUNCTIONING ITEM				3. ITEM COMPONENTS	
4. MALFUNCTION DESCRIPTION					
5. SITE OF MALFUNCTION		6. UNIT CONTROLLING SITE		7. UNIT USING AMMUNITION	
8a. DATE MALFUNCTION OCCURRED	8b. TIME				
9a. CASUALTIES (No. Killed)		9b. CASUALTIES (Hospitalized)		9c. CASUALTIES (Other Injuries)	
9d. DESCRIPTION					
10. DAMAGE				10c. DESCRIPTION	
a. WEAPON DAMAGED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
b. DAMAGE REPAIRABLE AT UNIT LEVEL? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
11. DETONATION				c. M FROM WEAPON	
<input type="checkbox"/> a. None <input type="checkbox"/> b. In Weapon				d. M FROM NEAREST PERSON	
12. Quantity Remaining				13. EXHIBITS AVAILABLE (Hold Exhibits Pending Disposition Instructions per DA PAM 75-1, para. 2-1).	
a. FIRING SITE	b. LOCAL STORAGE	c. SUSPENDED? <input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> a. Fragments <input type="checkbox"/> b. Intact Components	
				<input type="checkbox"/> c. Weapon <input type="checkbox"/> d. None	
14. Firing Conditions for Malfunction Lot					
a. WEAPON			b. TARGET		
c. RANGE	d. AZIMUTH	e. ELEVATION IN MILS		f. CHARGE/ZONE	
M				g. FUZE SETTING	
h. FIRED HOW MANY ROUNDS PER MINUTE FROM WEAPON		i. FOR HOW MANY MINUTES BEFORE MALFUNCTION		j. TOTAL FIRED FROM WEAPON ON DAY OF MALFUNCTION	
k. TOTAL MALFUNCTIONED		l. TOTAL FIRED		m. MALFUNCTION RATE	
				%	
15. Terrain					
a. FIRING SITE	b. DOWN RANGE	c. POSSIBLE OBSTRUCTIONS		d. CLEAR VIEW OF FLIGHT PATH	
				M	
16. Weather Conditions					
a. VISIBILITY	b. PRECIPITATION	c. TEMPERATURE		d. PRIOR 24 HOURS	e. RELATIVE HUMIDITY
		F		HIGH F LOW F	
17. Malfunction Lot Storage Conditions				18. Packaging of Malfunction Lot	
a. Firing Site: <input type="checkbox"/> Open <input type="checkbox"/> Enclosed				a. Original Package?	
b. Local Storage: <input type="checkbox"/> Open <input type="checkbox"/> Enclosed				b. Original Seal?	
c. UNPACKED HOW MANY HRS. BEFORE MALFUNCTION		d. MAGAZINE TYPE		c. Package Adequate?	
				d. Package Damaged?	
19. ADDITIONAL DATA (If more space is needed, use continuation sheet or back of form)					
20a. FOR ADDITIONAL DATA, CONTACT			21a. PERSON COMPLETING REPORT		
b. TELEPHONE NO. (Include Area Code)			b. TELEPHONE NO. (Include Area Code)		c. DATE
c. EMAIL ADDRESS			d. EMAIL ADDRESS		

DA FORM 4379, JUN 2023

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## Appendix T

### Missile and Rocket Malfunction Report


DA FORM 4379-1-SG, MHP website ( [https://mhp.redstone.army.mil/modules/Malfunction/DA4379\\_1.aspx](https://mhp.redstone.army.mil/modules/Malfunction/DA4379_1.aspx) )

MISSILE AND ROCKET MALFUNCTION REPORT			
For use of this form, see DA PAM 75-1; the proponent agency is DCS G-4.			
TO Commander U.S. Army Missile Command ATTN: AMSMI-LC-AM Redstone Arsenal, AL 36809		FROM	
1a. DATE OF MALFUNCTION	1b. TIME OF MALFUNCTION	2. MALFUNCTION REPORT NO.	3. DATE OF REPORT
4a. UNIT (Battery)		4b. BATTALION	
4c. DIVISION		4d. OTHER (Specify)	
5. LOCATION OF FIRING		6. TYPE AND METHOD OF FIRING	
		a. Type of Firing	
		b. Method of Firing	
7. MISSILE TIME OF FLIGHT (SEC)			
8a. MISSILE OR ROCKET TYPE		8b. MODEL NO.	
9a. MISSILE SERIAL NO.	9b. MISSILE LOT NO.	9c. MISSILE NSN	
10a. WARHEAD TYPE	10b. SERIAL NO.	10c. LOT NO.	
11a. ROCKET MOTOR MODEL	11b. SERIAL NO.	11c. LOT NO.	
12a. MOTOR CLUSTER MODEL	12b. SERIAL NO.	12c. LOT NO.	
13a. IGNITER MODEL	13b. SERIAL NO.	13c. LOT NO.	
14a. FUZE MODEL	14b. SERIAL NO.	14c. LOT NO.	
15a. S&A DEVICE MODEL	15b. SERIAL NO.	15c. LOT NO.	
16a. LIQUID PROPELLANTS (Fuel)		16b. LIQUID PROPELLANTS (Oxidizer)	
17a. LAUNCHER MODEL		17b. SERIAL NO. (If damaged, explain in Item 32)	
18a. WEATHER CONDITIONS (Wind)	18b. WEATHER CONDITIONS	18c. WEATHER CONDITIONS (Temperature)	
19. TARGET RANGE (Meters or Kilometers)	20. TARGET ALTITUDE (Feet or Kilometers)	21. TARGET AZIMUTH (MLS)	22. TARGET SPEED (Knots or Meters Per Sec)
23. TELEMETRY SYSTEM		24. STORAGE CONDITIONS PRIOR TO FIRING OR OPERATION	
25. NATURE OF PROPERTY DAMAGE		26. NUMBER OF FATALITIES OR INJURIES	
27. DESCRIPTION OF MALFUNCTION (Erratic Flight, Short Round, In-Flight Breakup, Down-Range Premature, Etc.) (Continue on Reverse Side)			

DA FORM 4379-1, JUN 2023

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27. DESCRIPTION (Continued)		
28a. NO. ROUNDS/MISSILES FIRED FROM SUSPECT LOT ON DAY OF MALFUNCTION	28b. NO. ROUNDS/MISSILES REMAINING FROM SUSPECT LOT ON DAY OF MALFUNCTION	29. LOCATION OF MALFUNCTION IN RELATION TO WEAPON OR LAUNCHER (Yards or Meters)
30. CORRECTIVE ACTION TAKEN (Such as Withdrawal of Missiles/Rockets from Use)		
31a. FRAGMENTS OR COMPONENTS OF INTEREST TO MALFUNCTION INVESTIGATION ARE AVAILABLE? <input type="checkbox"/> YES <input type="checkbox"/> NO		31b. TECHNICAL ASSISTANCE FROM COMMODITY COMMAND IS NECESSARY TO DETERMINE CAUSE OF MALFUNCTION? <input type="checkbox"/> YES <input type="checkbox"/> NO
32. OTHER PERTINENT INFORMATION (Include Sketches or Photographs of Important Features that may Assist in Establishing the Cause of the Malfunction)		
33a. NAME OF WITNESS WHO CAN PROVIDE ADDITIONAL INFORMATION REQUIRED	33b. TELEPHONE NO. OF WITNESS	33c. EMAIL ADDRESS
34a. TYPED NAME OF AMMUNITION OFFICER OR PERSON MAKING REPORT	34b. RANK	34c. EMAIL ADDRESS
34d. SIGNATURE OF AMMUNITION OFFICER OR PERSON MAKING REPORT 		34e. DATE

REVERSE OF DA FORM 4379-1, JUN 2023

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## Appendix U

### Losses/Overages List for AR 15–6 Investigations

#### E–1. General

Appendix B describes in detail items that must be secured according to this regulation. When losses equal or exceed the amounts shown below, commanders will conduct investigations under AR 15–6 and as specified in chapter 2 of this regulation. AR 15–6 investigations may be conducted for lesser amounts.

#### E–2. Losses/overages list

**a. Missiles and rockets.** All nonnuclear missile systems in a ready-to-fire configuration or when the launcher tube and explosive rounds are jointly stored or transported.

**b. Arms.** One or more of the following:

- (1) Machine guns and automatic weapons up to, and including, .50 caliber.
- (2) Launch tube and gripstock for Stinger missile.
- (3) Launch tube, sight assembly, and gripstock for Hamlet and Redeye missiles.
- (4) Tracker for Dragon missiles.
- (5) Mortar tubes.
- (6) Grenade launchers.
- (7) Rocket and missile launchers, unpacked weight of 100 pounds or less.
- (8) Flame thrower.
- (9) Launcher and/or missile guidance set and/or the optical sight for the TOW missile.
- (10) Shoulder-fired weapons, other than grenade launchers, not fully automatic.
- (11) Handguns.
- (12) Recoilless rifles up to, and including, 90mm.
- (13) Major parts (for example, barrels, frames, receivers, major subassemblies).
- (14) Subcaliber training aids capable of firing a projectile by means of a powder charge.
- (15) Other individually operated weapons that are—
  - (a) Portable and can be fired without special mounts or firing devices.
  - (b) Have potential use in civil disturbances.
  - (c) Vulnerable to theft.

**c. Ammunition and explosives.**

- (1) One or more of the following:
  - (a) Explosive complete rounds or warheads for Category I missiles and rockets.
  - (b) Hand or rifle grenades (fragmentation, high explosive, concussion, white phosphorus, or incendiary).
  - (c) Mortar rounds up to, and including, 81mm.
  - (d) Mines, antitank, or antipersonnel.
  - (e) High-explosive complete rounds or warheads for missiles and rockets other than Category I (unpacked weight of 50 pounds or less each).
  - (f) Safety and arming device.
  - (g) Incendiary destroyer.
  - (h) 40mm grenades for grenade launcher.
  - (i) Demolition kits.
- (2) Ten pounds or more of explosives used in demolition operations (for example, C–4, military dynamite, TNT, and so on).
- (3) 100 or more blasting caps, detonators, destruction or firing devices, primers, squibs, and igniters.
- (4) 100 or more fuses.
- (5) 100 or more supplementary charges.
- (6) 100 or more explosive bolts, explosive cartridges, and related devices.
- (7) 50 pounds or more bulk explosives.
- (8) 1000 feet or more detonating cord and safety fuse.
- (9) Two or more riot control agents, 100 pound package or less.
- (10) Two or more rounds of ammunition of 40mm and larger nonautomatic weapon.
- (11) One or more artillery, naval, tank, and mortar ammunition, 75mm and larger.
- (12) Ammunition for weapons in paragraph *b*, above, not otherwise categorized.
- (13) One box or more (normally 16 or more) grenades, illumination, smoke, and CS/CN (tear-producing).
- (14) End items of conventional and guided missile ammunition (except artillery rounds, bombs, and torpedoes) that—
  - (a) Have an individual item (for example, unit of issue) container or package weight of 60 pounds or less.
  - (b) Have potential use in civil disturbances.
  - (c) Are vulnerable to theft.



SECRETARY OF THE ARMY  
WASHINGTON

24 MAR 2023

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Army Directive 2023-07 (Arms, Ammunition, and Explosives Accountability)

1. References.

- a. Army Regulation (AR) 190–11 (Physical Security of Arms, Ammunition, and Explosives), 17 January 2019
- b. AR 190–45 (Law Enforcement Reporting), 27 September 2016
- c. AR 710–3 (Inventory Management Asset and Transaction Reporting System), 2 September 2021
- d. AR 735–5 (Property Accountability Policies), 9 November 2016

2. Purpose. This directive revises Army policy and procedures for reporting arms, ammunition, and explosives (AA&E) loss incidents. It prescribes the use of a new automated form to track and report lost, stolen, or missing weapons and munitions to Army senior leaders.

3. Applicability. This directive applies to the Regular Army, Army National Guard/Army National Guard of the United States, and U.S. Army Reserve.

4. Policy. The control of AA&E is of the highest importance to the Army. Commanders at all levels must reinforce the importance of physical security measures and procedures for securing AA&E. The Deputy Chief of Staff (DCS), G-4 will increase the visibility and status of lost, stolen, or missing weapons and munitions by establishing an analytics-based, live-feed dashboard to keep Army senior leaders informed of AA&E loss incidents.

a. Commanders and leaders will report any stolen, lost, suspected stolen, unaccounted for, or recovered AA&E in the quantities specified in this paragraph. Weapons reporting will include quantity, national stock number (NSN), unit identification code (UIC), and serial number as described in AR 190–45. Ammunition and explosives reporting will include quantity, NSN/national item identification number (NIIN), Department of Defense identification code (DoDIC), UIC, lot number, and serial number if applicable. The following AA&E must be reported as described in this directive:



SUBJECT: Army Directive 2023-07 (Arms, Ammunition, and Explosives Accountability)

- (1) one or more missiles, rockets, or security risk category (SRC) I-IV arms
- (2) 1,000 or more rounds of ammunition smaller than 40mm or 5 or more rounds of 40mm automatic weapon ammunition
- (3) individual rounds of 40mm and larger non-automatic weapon ammunition
- (4) individual mortar, grenade, and missile rounds
- (5) individual land mines, demolition charges, and blocks of bulk explosives
- (6) any other explosives, including demolition explosives (for example, detonation cord or blocks of explosives, such as C-4)
- (7) any SRC I or SRC II item not otherwise included in this paragraph

b. Commanders and leaders will report details of losses, thefts, shortages/overages, and recoveries via the automated Department of the Army (DA) Form 3056 (Report of Missing/Recovered Firearms, Ammunition, and Explosives) within 72 hours of the discovery of loss at: <https://vantage.army.mil/DA3056>. A common access card and government-furnished computer are required to request a provisional account to submit a report in this system. This form is also viewable on the Army Publishing Directorate's website.

(1) The automated DA Form 3056 will automatically and simultaneously forward a PDF copy of the form to the sender; the unit's supporting Army Provost Marshal Office (PMO)/military law enforcement agency (LEA) or command headquarters Office of the Provost Marshal General; the DoD central registry; and the Headquarters, Department of the Army G-4 Logistics Operations Center.

(2) The Army PMO/military LEA will enter information from DA Form 3056 into the Army Law Enforcement Reporting System and the National Criminal Information Center (NCIC) and inform local law enforcement of losses and subsequent recovery. Only weapons, not ammunition or explosives, will be entered into the NCIC.

(3) Commanders, or their designated representatives having direct responsibility for AA&E or the receiving unit or agency, will notify the supporting PMO/military LEA, the U.S. Army Criminal Investigation Division, and their command headquarters as soon as an AA&E loss/recovery incident is discovered. Commanders, or their designated representatives having direct responsibility for AA&E or the receiving unit or agency, will vigorously continue efforts to recover or resolve lost, missing, or unaccounted for AA&E unless instructed to stop their efforts by a military or civilian law enforcement agency.

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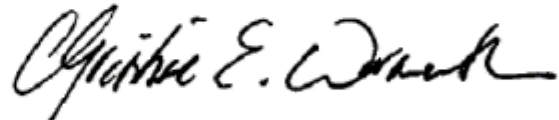
When AA&E theft is suspected, units or agencies will refrain from having personnel contaminate the crime scene and will quarantine further use of the area. Continued use of the area compromises the crime scene, making it difficult for the LEA to conduct its investigation.

c. Commanders will ensure that any financial liability investigation of property loss (FLIPL) reported for stolen, lost, suspected stolen, unaccounted for, or recovered AA&E and controlled items will include a DA 3056 as an exhibit as described in AR 735-5.

5. Responsibilities. The DCS, G-4 will ensure that the Army Vantage Data Analytics Platform and the electronic FLIPL system are capable of fully implementing the provisions of this directive.

6. Proponent. Within 2 years of the date of this directive, the Provost Marshal General will incorporate the provisions of this directive into AR 190-11 and AR 190-45, and the Assistant Secretary of the Army (Acquisition, Logistics and Technology) will ensure the DCS, G-4 incorporates applicable provisions into AR 710-3 and AR 735-5.

7. Duration. This directive is rescinded on publication of the revised regulations.



Christine E. Wormuth

DISTRIBUTION:

Principal Officials of Headquarters, Department of the Army  
Commander

U.S. Army Forces Command

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(CONT)



SUBJECT: Army Directive 2023-07 (Arms, Ammunition, and Explosives Accountability)

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- Director, U.S. Army Criminal Investigation Division
- Superintendent, Arlington National Cemetery
- Director, U.S. Army Acquisition Support Center

CF:

- Principal Cyber Advisor
- Director of Business Transformation
- Commander, Eighth Army

## Appendix V: Special Reporting/OPORD Directives

HQ, 407th AFSB  
FORT HOOD, TX 76544  
09 1000 (S) AUG 19

### 407th AFSB OPERATIONS ORDER (OPORD) 19-08-003 (Notification of Unserviceable Ammunition Condition Code Changes)

**References:** ASC Tasker REC273, Notification of Unserviceable Ammunition Condition Code Changes

**Time Zone Used Throughout the OPORD:** Sierra (Local)

**Task Organization:** Task Organization: No Change

1. **Situation:** There have been numerous instances within the last several months where ammunition in certain Account Codes has become unserviceable and is unavailable to support a forecast or a specific mission. The IAM was not notified, so when the e581 was being stock selected, the ASP calls the IAM and informs him/her that there is no ammunition available to support a validated e581. At the time the document was validated by the IAM, quantity and condition code were sufficient to fill the document. This communication breakdown affects unit readiness and eventually leads to avoidable transportation costs due to emergency resupply requirements from JMC Depots.
2. **Mission:** Select 407<sup>th</sup> AFSBns and LRCs are tasked to notify the Installation Ammunition Manager (IAM) of ammunition condition code changes. Accountable Officers will submit a Transaction History report (transaction type ACC) to the IAM (or other installation ammunition resupply entity) NLT COB every Thursday starting 22 August 2019.
3. **Execution:**
  - a. **Commander's Intent:** N/A
  - b. **Tasks to Subordinate Units / Supporting Agencies:** All 407<sup>th</sup> AFSBns including JBSA, LRC-Knox, LRC-Leonard Wood, LRC-Huachuca, LRC-Leavenworth and LRC-Sill:
    - (1) Accountable Officers (AOs) will submit a Transaction History report (transaction type ACC) to the IAM (or other installation ammunition resupply entity) NLT COB every Thursday starting 22 August 2019 until relieved from requirement.
    - (2) NLT 1 November 2019, AOs will ensure that Internal ASP SOPs are updated to reflect this enduring requirement.
  - c. **Coordinating Instructions:**
    - (1) OPORD effective upon receipt.
    - (2) Any time ammunition changes from a serviceable to unserviceable Condition Code (CC), the ASP Stock Control section will notify the Accountable Officers (AO), who in turn will notify the Installation Ammunition Manager (IAM) or other individual on the installation

responsible for ammunition resupply (e.g., Installation DPTMS, USAG) so that individual can assess the impact and order replacement stocks if necessary. The notification of the CC change must be sent to the individual responsible for the installation's ammunition resupply.

4. Sustainment: N/A

5. Command and Signal:

a. Command. 407th AFSB succession of command remains unchanged.

b. Control. N/A

c. Signal. Confirm receipt of this message with 407th AFSB BOC, DSN 737-287-2810 or (254) 287-2810, usarmy.hood.407-afsb.mbx.s3@mail.mil.

d. Points of Contact. AFSB SPO Ammunition Installation Support Branch POCs: David Spatzier (254) 287-7747 / DSN 737-7747, david.e.spatzier@mail.mil.

ACKNOWLEDGE

NOON  
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## **Glossary**

### **Section I Abbreviations**

#### **407th AFSBn-Cavazos**

Army Field Support Brigade Fort Cavazos

#### **AAC**

Ammunition Awareness Course

#### **AA&E**

Arms Ammunition and Explosives

#### **AFOP**

Ammunition Found on Post

#### **AFSB**

Army Field Support Brigade

#### **AHA**

Ammunition Holding Area

#### **AIN**

Ammunition Information Number

#### **AR**

Army Regulation

#### **ARY**

Ammunition Residue Yard

#### **ASC**

Army Sustainment Command

#### **ASP**

Ammunition Supply Point

#### **ASW**

Ammunition Surveillance Workshop

#### **BAO**

Brigade Ammunition Officer

#### **BATS**

Ballistic Aerial Target System

#### **BC**

Fire extinguisher classification

**CAT I/II**

Sensitive Ammunition Requiring Armed Guards

**CAD/PAD**

Cartridge Activated Device/Propellant-Actuated Devices

**CBL**

Combat load Standard quantity and type of ammunition an individual weapon, crew-served weapon, or a weapons platform and its TOE-designated ammunition carriers are designed to hold. CLs for bulk ammunition (grenades, signals, and so forth) are not associated with a weapon or weapons platform. Bulk ammunition 143 DA PAM 700–16 • 23 June 2021 CLs are assigned by SRC and reflect the quantity of ammunition required to give unit's capability and flexibility. CLs support the initiation of contingency and combat operations and are the basic building blocks of Army WR requirements.

**CFR**

Code of Federal Regulations

**COR**

Contracting Officer Representative

**DA**

Department of Army

**DA PAM**

Department of Army Pamphlet

**DD**

Department of Defense

**DODAAC**

Department of Defense Activity Address

**DODIC**

Department of Defense Identification Code

**ENTAC**

Entrance National Agency Check

**FLIPL**

Financial Liability Investigations of Property Loss

**FM**

Field Manual

**HAZMAT**

Hazardous Material

**IAW**

In Accordance With

**KO**

Contracting Officer

**JBSA Lackland, Chapman Annex, MSA**

Joint Base San Antonio-Lackland, Chapman Annex, Munition Storage Area

**LRC-JBSA-Fort Sam Houston**

Logistics Readiness Center-Joint Base San Antonio-Fort Sam Houston

**MHE**

Material Handling Equipment

**MLRS**

Multiple Launch Rocket System

**NAC**

National Agency Check

**NCO**

Non-Commissioned Officer

**NCOIC**

Non-Commissioned Officer in Charge

**NFWT**

Non-Fair Wear and Tear

**NG**

National Guard

**NSN**

National Stock Number

**OPL**

Operational load The ammunition that Army units require to support or conduct a broad range of day-to-day operational missions (for example, installation EOD, special reaction team operations, ceremonies, guard missions, force protection, SOF predeployment site surveys, and so on). OPL requirements are developed in accordance with DA Pam 350–38 and AR 5–13.

**PAD**

Propellant Actuated Device

**PBO**

Property Book Officer

**PMCS**

Preventative Maintenance Checks and Services

**QASAS**

Quality Assurance Ammunition Surveillance

**RECON**

Reconciliation

**RFMSS**

Range Facility Management Support System

**ROTC**

Reserve Officer Training Corps

**SOP**

Standard Operating Procedure

**TAM**

Training Ammunition Manager

**TAMIS**

Total Ammunition Management Information System

**TNG**

Training Ammunition

**USAR**

United States Army Reserve

**USPFO**

United States Property and Fiscal Officer

## **Section II**

### **Terms**

#### **Access (when pertaining to a restricted area or controlled cryptographic item)**

Personnel movement within a restricted area that allows the chance for visual observation of, or physical proximity to, either classified or protected materiel. It is also the ability and opportunity to obtain detailed knowledge of controlled cryptographic item through uncontrolled physical possession. External viewing or escorted proximity to controlled cryptographic item does not constitute access.

#### **Ammunition**

A military ammunition item, designated as NATO class of supply V (ammunition), typically assigned to federal supply groups (FSG) 13-series (ammunition and explosives) and 14-series (guided missiles). These items are primarily classified as hazard classification 1 materiel. The term includes large rockets and missiles and is used synonymously with ammunition and explosives (A&E), munitions, and class V.

#### **Ammunition accident**

An event where AE or a guided missile/large rocket functioned properly when fired, however the final re-sult ended with death, injury, or property damage due to no fault of the ammunition. Typical occurrences include Service members incorrectly placing hands over the end of a weapon's barrels or firing tube, resulting in severe injury when the projectile properly exits the weapon and impacts the body part.

#### **Ammunition and explosives amnesty programs**

AE amnesty programs are intended to maximize recovery of military AE items found outside the supply system. They are not intended to circumvent normal turn-in procedures. Garrisons, installations, and forward-operating bases having elements that use ammunition will establish an AE amnesty program.

#### **Ammunition holding area**

Temporary storage point for ammunition.

#### **Ammunition mission**

Any installation or activity that tests, demilitarizes, stores, ships, or handles ammunition or explosives.

#### **Ammunition residue**

Items remaining after ammunition and missiles are used. Ammunition residue includes such items as steel, plastic, or brass cartridge cases; links; safety wires; nose plugs; launch tubes; pull rings and levers; fin protectors; safety clips; igniters; firing devices; grommets; cardboard and wooden boxes; cans; missile containers; missile components; banding strips; pallets; and other items used to package ammunition and missiles.

#### **Ammunition Supply Point (ASP)**

Installation facility with the responsibility to order, receive, store, issue and manage ammunition.

#### **U.S. Army Command (ACOM)**

An Army force, designated by the Secretary of the Army, performing multiple Army Service Title 10 USC functions across multiple disciplines. Responsibilities are those established by the Secretary of the Army. The Army's four ACOMs are the U.S. Army Futures Command (AFC), the AMC, the U.S. Army Forces Command (FORSCOM), and the U.S. Army Training Command (TRADOC)

#### **Arms**

A weapon included in AR 190–11, appendix A, that will or is designated to expel a projectile or flame by



the action of the explosive, and the frame or receiver of any such weapon.

### **Armed Guards**

Armed guards (defined in AR 190-11 as having a firearm and appropriate ammunition readily available for immediate use) will accompany all movement of ammunition when transported off a U.S. military-controlled installation, and all movements of CIIC 1 and 2 ammunition regardless of whether on or off a military installation. Armed guards are also required for a variety of ammunition storage requirements IAW AR 190-11. Commanders and authorizing officials (as defined in AR 190-14) may authorize the carrying of firearms for security duties (armed guards).

### **Army Service Components Command (ASCC)**

The ASCC is the command responsible for recommendations to the joint force commander on allocation and employment of Army forces within a combatant command. The ASCC is a Service role (that is, USA, USMC, USAF, USN), and retains responsibility for certain Service-specific functions and other matters affecting their forces, including internal administration, personnel support training, sustainment (with some exceptions), and Service intelligence operations. There can be only one ASCC within the combatant command. This is the primary role of the theater army, the specific designation for an operational ASCC assigned to a combatant commander with an AOR. From a munition's perspective, the ASCC ensures that subordinate organizations develop, validate, request, use and manage munitions requirements. Additionally, they validate (on an annual basis) the TAMIS hierarchy, organizational information, and the accuracy of the MTOE or TDA weapons and personnel densities for subordinate organizations, as well as determine priority of issue for munitions support of respective subordinate organizations. The Army's 9 ASCCs are the U.S. Army Cyber Command (USARCYBER), SDDC, U.S. Army Central (USARCEN), U.S. Army Europe and Africa (USAREUR-AF), U.S. Army North (USARNORTH), U.S. Army Pacific (USARPAC), U.S. Army South (USARSOUTH), US Army Space and Missile Defense Command (USASMDC), and U.S. Army Special Operations Command (USASOC).

### **Authorization**

The by-DODIC quantity of munitions that a unit or organization may receive in support of its approved requirements. Army munitions managers at all levels use authorizations to prioritize support for the most critical requirements. All authorizations are published and managed in TAMIS. Munitions authorizations are required for a unit to forecast and request munitions needed for training, OPL, OPROJ, SO, CL, NET, Test, and title 10-covered munitions. Authorizations are used to prioritize distribution of munitions, and are distributed each FY in TAMIS from DCS, G-37/TRA through the ACOMs, ASCCs, and DRUs and subordinate commands to units based on the approved munitions requirements listed within the respective munitions account. Authorizations will be distributed to the individual unit level in TAMIS by higher commands; they will not be held in a "holding account" by any level command. A TAMIS authorization is required for preparing a TAMIS-generated DA FORM 581 and must be within the same account as the request being prepared (that is, a request for training munitions must have a training authorization).

### **Brigaded Ammunition Officer/equivalent**

BAO is the single point of contact dealing with ammunition matters for the command (Brigade Ammunition Officer, Regimental Ammunition Officer, and/or DA Civilian or contractor).

### **Class V**

Class V or CLASS 5; See 'Ammunition'

### **Combat Load**

Combat Load (CL) ammunition is defined as the quantity and type of ammunition required for an individual weapon, crew-served weapon, weapons platform and its designated ammunition carriers, and/or non-weapon related ammunition (such as smoke grenades, signaling devices, AT-4, etc.) which support the initiation of contingency or combat operations. The quantity and type of CL ammunition is based on the type of unit, associated weapon system, and number of

assigned personnel. The only “official” department of the army source for identifying CL ammunition authorizations is TAMIS. CL ammunition is typically managed at the lowest unit level responsible for maintaining an organizational property record. The organization commander is accountable for CL ammunition and may delegate the authority to request, receive, and turn-in to subordinates. Requests for CL ammunition are validated and approved as determined by the supporting ACOM, ASCC, or DRU. Upon issue, CL ammunition is required to be maintained on the unit organizational property record until it is expended or returned to the supporting ASA. Expenditures of CL are directly linked to requests for resupply and will be reported documented using DA form 4949 (administrative adjustment report) and are reported to the unit property book officer in order to make adjustments to the organizational property record.

### **Combatting terrorism**

Actions, including antiterrorism and counter terrorism, taken to oppose terrorism throughout the entire threat spectrum.

### **Controlled Inventory Item Code (CIIC)**

The code that represents the security classification and/or security risk or pilferage controls for storage and transportation of a materiel-item-supply.

### **Delegation of Authority**

The action taken by a responsible individual to delegate a portion of their legitimate authority to a subordinate.

### **Department of Defense Activity Address Code (DODAAC)**

The DODAAC is a six-position code (for example, HQ0102) that uniquely identifies a Department of Defense unit, activity, or organization that has the authority to requisition, contract for, receive, have custody of, issue, or ship Do D assets, or fund/pay bills for materials and/or services. Each DODAAC has three addresses that represent where the organization does each activity: 1) the Physical Address; 2) the Ship to Address; and 3) the Bill to Address. The first one or two positions of the code (called the “series”) designate the Service/Agency element of ownership (for example, “N” annotates Navy, “FA” annotates Air Force, and “W” annotates US Army).

### **Department of Defense identification code (DODIC)**

A four-digit alphanumeric code assigned by the Defense Logistics Services Center (DLSC) used to identify A&E items (non-nuclear) within the supply system applicable to all armed forces. A DODIC consists of either one letter followed by three numerals (for example, B546), or two letters followed by two numerals (for example, AB56).

### **Digital Signature**

An electronic, rather than a handwritten, signature used by an individual to authenticate the identity of a sender of a message, or to sign a document. A digital signature ensures that the content of a message or document is unaltered.

### **Double-locked container**

A steel container of not less than 26-gauge which is secured by an approved locking device and which encases an inner container that also is equipped with an approved locking device. Cabinet, medicine, combination with narcotic locker, NSN 6530-00-702-9240, or equivalent, meets requirements for a double-locked container.

### **Entry control (when pertaining to a restricted area)**

Security actions, procedures, equipment, and techniques, employed within restricted areas to ensure that persons who are present in the areas at any time have authority and official reason for being there.

**Escorted personnel (when pertaining to a restricted area)**

Those persons authorized access to a restricted areas who are escorted at all times by a designated person.

**Expenditure**

The quantities of munitions, by Department of Defense Identification Code (DODIC), that a unit or organization fires in support of operations, training, testing, or new equipment training (NET).

**Escorts and couriers**

Military members, U.S. civilian employees, or DOD contractor employees responsible for the continuous surveillance and control over movements of classified material. Individuals designated as escorts and couriers must possess a Government-issued security clearance at least equal to that of the material being transported.

**Forecast**

Forecasting is the formal method for supported units to identify and communicate their future training plan and ammunition requirements to the supporting activity. A proper forecast identifies the requirement to the supporting ASP to ensure the assets are on hand and readily available. Without an accurate forecast, there is no guarantee the assets will be available at the supporting ASP. Inaccurate, inflated, or lack of forecasting stresses the distribution system and increases costs to the Army. Forecasting is applicable to support training ammunition, OPL, CL, Test, Title 10, and NET requirements.

**Hang fire**

Temporary failure or delay in the action of a primer, igniter, or propelling charge. Example: A hang fire for a rocket occurs if the rocket propellant is ignited by the firing impulse, but the rocket fails to exit the launcher within the expected time.

**Incident**

An unintentional or chance event considered likely to result in property damage or injury to personnel. In regard to AE, this specifically includes the suspected or detected presence of unexploded explosive ordnance that constitutes a hazard to operations, installations, personnel, or materiel.

**Internal controls (when pertaining to a restricted area)**

Security actions, procedures, and techniques employed within restricted areas to ensure persons who are present in these areas at any time have authority and official reason.

**Malfunction**

Failure of an ammunition item to function as expected when fired or launched and explosive items that fail to function. Malfunctions include hang fires, misfires, duds, abnormal functioning, and premature functioning of explosive ammunition items under normal handling, maintenance, storage, transportation, and tactical deployment. Malfunctions do not include mishaps or incidents that result solely from negligence, mal-practice, or situations such as vehicle mishaps or fires. ACOMs, ASCCs, and/or DRUs divide malfunctions into four classes, Class A, Class B, Class C and Class X. Class A malfunctions result in death or lost-time injury, are similar to previous malfunctions that have resulted in death or lost-time injury, are judged as having had an appreciable probability of causing death or lost-time injury, or have adverse political implications. Class B malfunctions result in damage to major equipment that cannot be repaired at the unit level of maintenance or result in an ammunition suspension that significantly impacts readiness or training. Class C malfunctions involve any other performance incident not covered above. Class X malfunctions involved any other nonperformance incidents (visual defects).

## **Munitions**

See 'Ammunition'

### **Military munitions**

Military munitions means all ammunition and explosive products and components produced for or used by the armed forces for national defense and security, including ammunition products or components under the control of the DoD, the Coast Guard, the Department of Energy, and the National Guard. The term includes confined gaseous, liquid, and solid propellants; explosives, pyrotechnics, chemical, and riot control agents, smokes, and incendiaries, including bulk explosives and chemical warfare agents; chemical munitions, rockets, guided and ballistic missiles, bombs, warheads, mortar rounds, artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, and demolition charges; and devices and components of any item thereof. The term does not include wholly inert items, improvised explosive devices, and nuclear weapons, nuclear devices, and nuclear components, other than nonnuclear components of nuclear devices that are managed under the nuclear weapons program of the Department of Energy after all required sanitization operations under the Atomic Energy Act of 1954 have been completed (see 42 USC 2011 and 10 USC 101(e)(4)).

### **Misfire**

Failure of a component to fire or explode, as intended.

### **Modified Table of Organization and Equipment (MTOE)**

A table that prescribes in a single document, the modifications made to a basic TOE necessary to adapt it to the needs of a specific unit or a type of unit.

### **Motor vehicle**

A self-propelled, boosted, or towed conveyance used to transport a burden on land. This includes all Army wheeled and track vehicles, trailers, and semitrailers, but not railroad locomotives and rolling stock.

### **Nonstandard munitions**

AE (munitions) that have not completed safety-type classification, do not have a national stock number or DoD identification code, and are not available for procurement through DoD's military munitions supply system. Such munitions include, but may not be limited to foreign munitions, commercial munitions, and munitions modified or that are prototypes developed for Research, Development, Test, and Evaluation purposes.

### **National Stock Number (NSN)**

A unique 13-digit code, comprised of the four-digit Federal Stock Class (FSC) and the nine-digit National Item Identification Number (NIIN) assigned to each item of supply repetitively used, purchased, stocked, or distributed within the Federal Government.

### **Net Explosive Weight (NEW)**

The total quantity of explosive material or high explosive equivalency in each item or round to be used when applying quantity distance criteria or other standards.

### **Operational Load (OPL)**

OPL ammunition includes those items required to support a broad range of day-to-day operational missions (for example: garrison military police (MP) or civilian guard force, explosive ordnance disposal (EOD), special reaction team (SRT), ceremonies, installation force protection condition (FPCON) related guard missions, etc.). OPL ammunition is not used for training and is also typically not used for contingency and combat requirements, although it may be authorized for specific requirements associated with contingency and combat operations, as determined by the supporting ACOM, ASCC, or DRU. This category also includes inert ammunition items such as dummy, drill, and inert (DDI), and those items which are used for

legitimate operational purposes but typically not expected to be consumed on a regular basis such as cartridge actuated devices (CAD) and percussion actuated devices (PAD) associated with aircraft. OPL ammunition requirements are identified in DA Pam 350–38. OPL ammunition is typically managed at the lowest unit level responsible for maintaining an organizational property record. The organization commander is accountable for OPL ammunition and may delegate the authority to request, receive, and turn-in to subordinates. Requests for OPL ammunition are validated and approved as determined by the supporting ACOM, ASCC, and DRU. Upon issue, OPL ammunition is required to be maintained on the unit's organizational property record until it is expended or returned to the supporting ASA. Expenditures of OPL ammunition are documented using DA form 4949 (administrative adjustment report) and are reported to the unit property book officer in order to make adjustments to the organizational property record.

### **Quality assurance specialist, ammunition surveillance**

Member of civilian career program established to develop, manage, and execute a worldwide ammunition surveillance program. A QASAS is responsible for conducting examinations, tests, and investigations required to evaluate the current degree of stockpile serviceability and determine future stockpile trends. A QASAS performs logistics functions, including monitoring all AEs operations for explosives safety regulatory compliance and providing technical advice relative to ammunition storage, issue, maintenance, demilitarization, transportation, explosives safety, and chemical surety. Quality assurance specialists (ammunition surveillance) are DA Civilians, (GS – 1910 series (CP20)). They accomplish the Ammunition Surveillance Program functions at DoD installations, activities, and commands that receive, store, issue, maintain, dispose, perform surveillance on, or test ammunition (see AR 702 – 12).

### **Reconcile**

To check an account against another for accuracy; balance ammunition issue and turn-in transactions and confirm expenditures.

### **Request**

The act or instance of asking for issue or turn-in of ammunition items; a demand made by military authorities for supplies; a written request for something authorized but not made available automatically.

### **Requirement**

The types and quantities of munitions, by Department of Defense Identification Code (DODIC), that the Army and its subordinate units must have to execute their combat, operational, training and testing missions.

### **Residue**

All items remaining after ammunition is expended. Ammunition residue includes such items as steel, plastic, or brass cartridge cases; links; safety wires; nose plugs; launch tubes; pull rings and levers; fin protectors; safety clips; igniters; firing devices; grommets; cardboard and wooden boxes; cans; missile containers; missile components; pallets; and other items used to package military ammunition. The supporting ASA will provide a list of residue items required to be returned, at the time of issue.

### **Restricted munitions**

Munitions items that cannot be expected to meet required performance under all conditions, but may be issued and used with qualifications on their use. For example, method of launch, temperature limitations, and weapon applicability are restricted munitions.

### **Responsibility**

Obligation of an individual to take care of certain property entrusted to them. It rises from

possession of property or from the obligation of command or supervision of others who have possession.

### **Safety**

Freedom from those conditions that can cause death, injury, occupational illness, or damage to, or loss of, equipment or property.

### **Standard ammunition and explosives**

AE (DoD military munitions) that have a safety-type classification, assigned a national stock number or DoD identification code, and are available for procurement through DoD's military munitions supply system.

### **Standards in Training Commission (STRAC)**

STRAC strategies are the basis for determining training ammunition requirements and for providing units the information necessary to forecast training ammunition for individual and collective training.

### **Storage Compatibility**

A relationship between different items of ammunition explosives and other dangerous material whose characteristics are such that a quantity of two or more of the items stored or transported is no more hazardous than a comparable quantity of any one of the items stored alone.

### **Sustainment Load (SL)**

The munitions needed to initiate and support a force's operations until resupply can be provided.

### **Suspended munitions**

Munitions items withdrawn from issue or use, with or without qualifications, because of suspected or con-firmed unsafe conditions. Suspended munitions are either temporarily or permanently suspended. Temporarily suspended munitions are defined by an interim order prohibiting issue, use, and when necessary, movement of a munitions item, with or without qualifications, due to an unsafe or defective condition that is unconfirmed. Permanently suspended munitions are defined by a permanent order prohibiting issue, use, and when necessary, movement of a munitions item. Munitions are permanently suspended when an investigation confirms that they are unsafe or otherwise defective.

### **Suspension or restriction**

An administrative procedure used to identify all munitions that have been withdrawn from issue or use, with or without qualifications, because of an unsafe, or suspected unsafe, condition, or munitions that cannot be expected to meet required performance under all conditions, but may be issued and used with qualifications on their use. Suspensions and restrictions may be categorized by type, block, or serious im-pact. A type suspension or restriction is a suspension or restriction applied to all lots of one model number, including all modifications or variations produced (for example, cartridge 105 millimeter high explosive plastic tracer M393A2 series). A block suspension or restriction is a suspension or restriction applied to all lots of one particular modification or variation of a model number (for example, cartridge 105 millimeter high explosive plastic tracer M393A2 series). A serious impact suspension or restriction is a suspension or restriction that results in reducing serviceable assets of a munitions item to less than 50 percent of the stockpile or 50 percent impact criteria at the OCONUS ACOMs, ASCCs, or DRUs and is determined to have a significant impact on Army readiness irrespective of percentage of stockpile affected, or pre-vents a unit from meeting its operational commitment. A specific suspension or restriction is a suspension or restriction that is applied to a specific lot, group of lots, or serial numbered items without being categorized as defined above.

### **Table of Distribution and Allowances (TDA)**

A table that prescribes the normal mission, organizational structure, personnel and equipment

requirements for a military unit and is the basis for an authorization document.

### **Table of Organization and Equipment (TOE)**

A table that prescribes the normal mission, organizational structure, personnel and equipment requirements for a military unit and is the basis for an authorization document.

### **To Accompany Troops (TAT)**

Ammunition carried by troops that is immediately available for use in individual or ground mounted weapon systems that are also carried by troops.

### **Total Ammunition Management Information System (<https://tamis.army.mil>)**

1. TAMIS is the DCS, G-3/5/7's enterprise information system of record for calculating, prioritizing, and managing munitions requirements, forecasts, and requests for issue. TAMIS is centrally managed by DCS, G-37/TRA with each ACOM, ASCC, and DRU-level organization independently managing its munitions. TAMIS generates a variety of reports for HQDA and subordinate organizations, uses to help determine operational readiness and to support Army munitions management.

2. DCS, G-37/TRA uses TAMIS to:

- Manage DA Pam 350-38
- Calculate training requirements
- Capture NET requirements
- Capture OPL requirements
- Calculate CL and SL requirements for operational forces
- Capture and record test requirements
- Calculate munitions requirements for deploying forces
- Capture 10 USC requirements
- Calculate and report ACOM SOs
- Validate munitions requirements and SOs
- Manage authorizations
- Generate forecasts and requests for munitions in support of valid requirements
- Capture transactional data from SAAS
- Provide Army leaders with reports on the status of munitions requirements,

authorizations, forecasts, and expenditures by, among others, event, weapon system, munitions family, DoDIC, location, command, and dollar value

3. TAMIS contains distinct munitions requirements accounts.

- a) Training account. This consists of individual, collective, CTC, institutional POI training requirements for both Army schools and MTTs, and other training requirements.
- b) Combat load account. This consists of CL requirements to support combat operations.
- c) Sustainment load account. This consists SL requirements to support replenishment of CL.
- d) Operational projects account. This consists OPROJ requirements designated for specific HQDA-approved operational projects.
- e) Operational load account. This consists of OPL requirements to support day-to-day operations, to include arms room security, explosive ordnance disposal (EOD), aircraft CADs/PADs, law enforcement activities, and other events as listed in DA Pam 350-38, Appendix D.
- f) Test account. This consists of developmental, operational, stockpile reliability, and acceptance test requirements.
- g) New equipment training account. This consists of requirements in support of new equipment or munitions fielding.

h) Title 10 United States Code account. This consists of Title 10 USC requirements.

### **Training ammunition (TNG)**

Training ammunition includes items, which are specifically identified, funded, manufactured, and/or procured in support of identified training requirements. Although these ammunition items are referred to as “training,” they include blank, simulators, and actual operational service rounds. This category consists of ammunition expended during training (such as live fire and qualification), as well as TADSS. Training ammunition requirements are identified in DA Pam 350-38, Standards in Weapons Training. Training ammunition is typically managed at the brigade/battalion level with the Commander delegating the authority to request, approve, and receive/turn-in to subordinates. Training ammunition is not accounted for on the unit's organizational property record. Expenditures of training ammunition are reported by a command designated individual using TAMIS, based on the issue document reconciliation conducted between the unit and the supporting ASA

### **Unexploded ordnance**

Unexploded ordnance means military munitions that have been primed, fuzed, armed, or otherwise pre-prepared for action; have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installations, personnel, or material; or, remain unexploded, whether by mal-function, design, or any other cause (see 10 USC 101). (Also referred to as duds).

### **Unforecasted training ammunition request**

Training ammunition requests are unforecasted when any of the following apply:

1. The unit did not forecast the training ammunition requirement using TAMIS. This includes forecasts using TAMIS that are submitted for pickup within the lock-in period (that is, the remainder of the current and all of the next 2 months).
2. The training ammunition request includes unapproved quantities based on the TAMIS forecast, UIC-detailed report.
3. The training ammunition request includes a quantity in excess of the forecasted quantity.

### **Unit Identification Code (UIC)**

A six-position alpha or alpha-numeric code assigned to identify a specific unit and reflected in unit MTOE-TDA document.

### **Weapons**

Any device used to launch a projectile, rocket, or guided missile (for example, cannon, rifle, rocket launcher, guided missile launcher, pistol, machine gun, and mortar).

### **Workday**

Typical day of operation at the ASP except for Thursdays, Federal holidays, and weekend days.



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DATA FILE:  
DOCUMENT: AFSBN-Cavazos/JBSA ASP SOP 700-012  
SECURITY: UNCLASSIFIED  
DOC STATUS: REVISED

