

**BY ORDER OF THE  
SECRETARY OF THE AIR FORCE**

**DEPARTMENT OF THE AIR FORCE  
MANUAL 21-209, VOLUME 1**



**20 FEBRUARY 2025**

**Maintenance**

**GROUND MUNITIONS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This publication implements Department of the Air Force (DAF) Policy Directive (DAFPD) 21-2, *Munitions* and supports DAF Manual (DAFMAN) 21-201, *Munitions Management*. This publication is the primary authorization source that units and command functional areas use to forecast and establish ground munitions authorizations. This publication applies to the entire DAF, including DAF civilian employees and uniformed members of the United States Air Force (USAF), the United States Space Force (USSF or Space Force), the Air Force Reserve (AFR), the Air National Guard (ANG), as well as those with a contractual obligation to abide by the terms of DAF issuances, except where noted otherwise. **Note:** All references to USAF terminology, units, grades, and positions will also apply to the equivalent in the USSF, as appropriate. For example, references to Airmen will also apply to Guardians. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. This publication may be supplemented at any level, but all supplements must be routed to the OPR of this publication for coordination prior to certification and approval. The authorities to waive wing/Space Force equivalent/unit level requirements in this publication are identified with a tier (“**T-0, T-1, T-2, T-3**”) number following the compliance statement. See DAF Manual (DAFMAN) 90-161, *Publishing Processes and Procedures*, for a description of the authorities associated with the tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the requestor’s commander for

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### ***SUMMARY OF CHANGES***

This document is substantially revised and needs to be completely reviewed. This publication was updated to support the Secretary of the Air Force and Chief of Staff of the Air Force directed initiative to review Headquarters Air Force directive publications and incorporate United States Space Force.

## Chapter 1

### ROLES AND RESPONSIBILITIES

#### **1.1. Director of Security Forces (AF/A4S) will:**

- 1.1.1. Establish, develop, and approve policies related to ground munitions (excluding demolitions) forecasting and allocation process.
- 1.1.2. Serve as the air staff point of contact for ground munitions (excluding demolitions) requirements, forecasting and allocation processes.
- 1.1.3. Develop forecasting procedures for units and personnel using ground munitions (excluding demolitions).
- 1.1.4. Review major command (MAJCOM) and field command (FLDCOM) supplements to this publication.

#### **1.2. Air Staff Munitions Functional will:**

- 1.2.1. Serve as the functional lead for ground munition requirements within their functional area.
- 1.2.2. Review and validate all ground munitions authorization tables (GMAT) change requests associated within their functional area.

#### **1.3. MAJCOM/Numbered Air Force (NAF) Munitions Staff will:**

- 1.3.1. Provide agile munitions support tool (AMST) training and assistance to MAJCOM munitions user functional managers (MUFMs).
- 1.3.2. Review and approve MUFM validated out-of-cycle request(s) (OOCR), and forecasts submitted in AMST for ground munitions requirements and allocations. Submit GMAT changes in the absence or availability of an appointed MUFM.
- 1.3.3. Review mid-year training expenditure reports.

#### **1.4. Munitions User Functional Manager will:** manage functional user requirements, forecasting, allocations and execute responsibilities outlined in this publication.

#### **1.5. Air Force Ground Munitions Manager (AFGMM) will:**

- 1.5.1. Coordinate with global ammunition control point (GACP), applicable program teams and MAJCOM staff on issues related to ground munitions authorizations, to include commercial off-the-shelf (COTS) requirements.
- 1.5.2. In coordination with working groups established in DAFMAN 21-201, perform air staff validation for ground munitions forecast, allocation, OOCR and positioning objective associated with ground munitions.
- 1.5.3. Coordinate with the different program offices to assist the program element manager (PEM) with programming required funding to support ground munitions (excluding demolitions) requirements.
- 1.5.4. Ensure forecasted training munition requirements are consistent with historical expenditure data and manage the GMAT authorizations.

**1.6. Unit Commander will:**

- 1.6.1. Approve and sign all unit munitions forecasts prior to forecast submission in the AMST.
- 1.6.2. Ensure forecasted training munitions requirements are consistent with historic expenditure data.
- 1.6.3. Review mid-year expenditure reports.
- 1.6.4. Execute responsibilities for non-munitions organizations that use, possess or maintain munitions following the guidance in DAFMAN 21-201, as required.

**1.7. Account Custodian will:**

- 1.7.1. Initiate ground munitions forecast requirements within the AMST using the procedures in DAFMAN 21-201, this publication and the annual peacetime conventional ammunition requirements (PCAR) letter.
- 1.7.2. Initiate and function as the primary point of contact for OOCR and COTS requests.
- 1.7.3. Ensure ground training munitions requirements and allocations are consistent with historic expenditure data and no more than 10-percent above previous year's expenditures for each type of munition, unless fully justified.
- 1.7.4. Use the procedures outlined in this manual when forecasting for ground munitions.
- 1.7.5. Develop and submit mid-year expenditure report for commander review for all munitions less than 50-percent expended (See [Attachment 4](#)).

## Chapter 2

### GENERAL INFORMATION

**2.1. Ground Munitions Authorization Tables (GMAT).** GMAT contain the munitions authorizations for users to forecast and validate known munitions requirements. The tables are located on the GACP website homepage at <https://ammo.sso.cce.af.mil/wm/>. All units requesting ground munitions will maintain supporting documentation associated with establishing requirements and forecasting for these assets (see [paragraph 2.3.3](#)). **(T-2) Note:** See [Figure 2.1](#) for coordination and approval process.

2.1.1. Units will use the GMAT to forecast known ground munitions requirements. **(T-1)**

2.1.2. GMAT reference is not required for unique or one-time requirements (e.g., specialized shooting schools, one-time unique events).

2.1.3. Requesting Table Changes. Units or functions responsible for an operational mission, training program or research, development, test and evaluation (RDT&E) requirements will send requests to the parent MAJCOM MUFM for consideration ([Figure A2.1](#)). **(T-2)** The MUFM forwards the request to the AFGMM to create and or change a munitions table. **Note:** For RDT&E requirements, the AFGMM will coordinate with AF/A4SO prior to approval.

**Figure 2.1. Establish or Change Munitions Authorizations.**



**2.2. Establish or Change Allocations.** Units or functions responsible for an operational mission, training program and or RDT&E requirement should submit OOCR through their supporting MASO to establish initial munition authorizations. OOCRs must be accomplished following the guidance in DAFMAN 21-201. Future munition requirements are established by submitting forecasts in accordance with [paragraph 2.3](#).

2.2.1. Ground munitions users will ensure each OOCR request contains a complete explanation and justification of the need for each specific munition item and must include the computations used to determine the requirements. **(T-1)** For example, the computations include the rounds needed per person for the approved training course, the number of courses scheduled and the number of students per course or class. Requests must include the OPR for the guidance directing the requirement, the publication or other governing policy that establishes the requirement, the functional user code and the requirement code posted on the GACP website.

2.2.2. The MUFM will attempt to support training OOCR with excess authorizations within their functional user code. If the request is not able to be supported, the MUFM approves the request and forwards the OOCR to the applicable MAJCOM munitions staff.

2.2.3. The MAJCOM munitions staff will review OOCR, determine the ability to be supported, and if needed, the MAJCOM staff will approve the request and forward the OOCR to the AFGMM.

2.2.4. The AFGMM reviews and validates each request, determines supportability and updates the authorization accordingly. Disapproved requests are submitted electronically through AMST and includes reason(s) for disapproval.

2.2.5. Units may request one-time authorizations or interim changes for items needed for special projects, missions or training not covered by this publication or the applicable GMAT authorizations. Requesting units use the OOCR procedures identified in DAFMAN 21-201 for one-time authorizations (e.g., specialized shooting schools, one-time unique events).

2.2.6. Procurement of ground munitions is part of the DoD planning, programming, budget, and execution (PPBE) process. The DAF develops inputs according to the buy-budget process outlined in DAFMAN 21-201 for submission to the single manager for conventional ammunition following the guidance in DoDI 5160.68, *Single Manager for Conventional Ammunition*. Out of cycle changes to current fiscal year allocations and or forecasted requirements that are in excess of established variances described in the annual PCAR letter may not be supportable until at least two-fiscal years out from the established requirement to procure the necessary munitions.

**2.3. Developing Forecasts.** Use the authorizations in the GMAT, located within the GACP website, under the community information module to develop annual munitions forecasts. Each unit that has a requirement for ground munitions will:

2.3.1. Compute the total munitions required in accordance with DAFMAN 21-201, PCAR memorandum and this publication. **(T-1)** Include previous year expenditures as applicable and a justification for any variance larger than 10-percent. **(T-2)** Follow the guidance in [paragraph 2.2.1](#) of this manual when calculating requirements.

2.3.2. Prior to unit submission, the commander will review and sign the ground munitions forecast and compare it to previous expenditure history or other locally produced expenditure tracking products, to ensure Category D (training) requirements are consistent with historical expenditure data. **(T-2)** If the amount requested exceeds the previous year's expenditure rate by 10-percent or more, the account custodian must include detailed justification for the increase within the forecast module in the AMST. **(T-2)**

2.3.3. Due to the timeline for procurement of ground munitions, significant changes to requirements outside of established variance thresholds (e.g., revised training syllabi, addition of new weapon systems) should be identified to the Item Program Team(s) as soon as possible (preferably at least two-years out to align with PPBE timelines) and added no earlier than year three of the five-year forecast.

2.3.4. **Required Documentation.** Units forecasting for ground munitions will maintain all appropriate documentation (e.g., signed forecast, training plans, past expenditure reports, all calculations used) associated with generating munitions forecasts in accordance with the Air

Force Records Disposition Schedule (RDS). **(T-1)** See RDS Table 21-20 R 10.00 – *Munitions Allowances* (covers munitions allowances requests, changes, estimates and related records).

2.3.4.1. Units must have an approved course of fire for proficiency, sustainment and or dye marking cartridge training (See AFI 36-2654, *Combat Arms Program*). **(T-1)** Units will incorporate the course into the master training plan or training memorandum endorsed by the commander. **(T-3)** This plan must indicate the number of rounds required per student, per training event and it will become the basis for the annual forecast for these munitions. **(T-3) Note:** See [Attachment 3](#) for examples.

2.3.4.2. Each unit will develop a tracking system identifying the number and names of personnel, the date and time training occurred, the weapon type, number of munitions fired (by caliber and type) and the lot number(s) of the munitions expended. **(T-3)** This includes units firing blanks, birdshot and dye marking cartridges, proficiency or sustainment munitions (e.g., honor guard, force-on-force). **Exception:** CATM personnel use the automated readiness information system (ARIS) for qualification training. **Note:** Any tracking system developed must comply with the provisions of Title 5 United States Code Section 552a, *The Privacy Act of 1974*. **(T-0)**

2.3.4.3. For qualification and orientation courses, CATM personnel will use the number of rounds required by the course of fire in DAFMAN 36-2655, *USAF Small Arms and Light Weapons Qualification Programs*, times the number of students requiring small arms qualification training, using the training requirements provided by the units supported for forecasting, as directed by AFI 36-2654. CATM section forecasts will adjust the quantities per student for any approved deviations or waivers they have for orientation or qualification courses. For example, if a unit has an approved waiver not to conduct the night fire table of the Rifle/Carbine Air Force Qualification Course (AFQC), they do not forecast for the rounds needed for this table. **Note:** See [Attachment 3](#) for forecast examples.

**2.4. Validating Munitions Forecast.** Munitions validation is a tier-stepped approach to finalizing the munitions forecast. Each step in the process is crucial to providing a level of scrutiny to ensure munitions forecasts are generated appropriately and accurately to prevent forecasting of excess quantities of assets.

2.4.1. The MASO will ensure units with munitions accounts submit forecasts and follow procedures in accordance with DAFMAN 21-201, this publication, PCAR memorandum and MAJCOM munitions staff direction. **(T-1) Note:** See [paragraph 2.3.2](#), for unit responsibilities prior to submitting forecast to the MASO.

2.4.2. The MUFM validates forecasted munitions requirements and ensures the forecasts are submitted in accordance with DAFMAN 21-201, this publication, PCAR memorandum, MAJCOM munitions staff direction and AFGMM direction.

2.4.2.1. The MUFM ensures all category D munition forecasts are within 10-percent of the previous year's forecast. If 10-percent or more above previous years forecast, the MUFM will validate a detailed justification was loaded in AMST and will reduce the forecasted amount to within 10-percent of the previous year's expenditure if the unit does not provide a detailed and acceptable justification in AMST.

2.4.2.2. Prior to MUFM validation, the MUFM will review the ground munitions forecast and compare it to the munition expenditure report, or other locally produced report, to ensure category D requirements are consistent with historical expenditure data.

2.4.3. The AFGMM verifies that the requirements are supportable and attainable throughout the five-year budget cycle and performs level 1 verification during the annual PCAR working group.

2.4.3.1. The AFGMM will review munition-training accounts in March of each year. If units are below a 50-percent expenditure rate without justification, the AFGMM and using MAJCOM may redistribute the unused allocations to meet mission needs. For example, if the unit's expenditure rate for an item is 38-percent on 14 March, then 12-percent may be re-allocated to another unit, installation or HQ hold account.

2.4.3.1.1. The AFGMM will notify the MAJCOM munitions staff (email constitutes notification) of allocations identified for redistribution. The MASO notifies unit custodians of any using command (e.g., reserve unit on an active-duty base) on the Department of Defense Activity Address Code (DoDAAC). If the unit has a continued need for the munitions, the unit custodian will provide justification to retain the munitions before the AFGMM makes the final decision to redistribute allocations. **(T-3)** Units should notify the MASO of their intent to utilize their remaining assets to ease the redistribution of munitions. The AFGMM may re-allocate assets without account custodian concurrence to meet mission needs.

2.4.3.1.2. Redistributed allocations may be supportable at the requesting installation if assets are available. However, if not available, physical movement during the fiscal year may or may not be possible depending on transportation funding.

2.4.3.1.3. Custodians with known excess allocated munitions will submit a memorandum to the MUFM, with informational copy to the MASO requesting redistribution. **(T-3)** Reasons for known redistribution may be for range closure, removal of weapon authorization, etc. If the MUFM is unable to redistribute, the MUFM will forward the memorandum to the AFGMM.

2.4.3.1.4. In addition to the March review ([paragraph 2.4.3.1](#)), the AFGMM will review expenditures of category D munitions in September and October each year. The AFGMM will identify accounts with expenditure rates below 90-percent and may reduce the forecast for these munitions for the next fiscal year unless the account custodian provides adequate justification for the low expenditure rate.

## 2.5. General Instructions.

2.5.1. To procure COTS munitions, the requesting unit must process a request and comply with the guidance in DAFMAN 21-201.

2.5.2. New or increased munitions requirements may take two or more years after forecast before items are available. Programming, approval, funding and procurement actions make up this lead-time. The DAF's ability to support operational and training requirements is directly dependent upon the timeliness and accuracy of forecasts. Munitions users should order only what they can use and use what they order.

2.5.3. If training conditions do not permit use of allocated munitions, MAJCOM may authorize units to forecast for substitute items (e.g., authorized units may forecast for and use 7.62mm ball in lieu of 7.62mm tracer due to fire hazards on training ranges).

2.5.4. Refer to DAFMAN 21-201 for applicable information on munitions categories and requirement codes.

## 2.6. GMAT Authorizations.

2.6.1. **Training Munitions.** Munitions authorized in GMAT category *TRAINING MUNITIONS AUTHORIZATION* are for training, exercises, evaluations and competitions. They are maximum authorizations, and account custodians will consider factors such as storage requirements, past average expenditure history and future training requirements when preparing munitions forecasts. Units will not simply forecast for the maximum number of items authorized in the GMAT. **(T-3) Note:** Foreign government students or personnel from any branch, department or activity of the United States government attached to the DAF as a student (including Air Force Reserve Officer Training Corps) for training receive the same authorizations as Air Force personnel.

2.6.2. **Operational Munitions.** Munitions authorized in GMAT category *OPERATIONAL MUNITIONS AUTHORIZATION* are for operational peacetime and wartime missions. They are the maximum authorizations, and functional managers should consider factors such as storage requirements when preparing munitions forecasts.

2.6.3. **Mobility Munitions.** Munitions authorized in GMAT category *MOBILITY MUNITIONS AUTHORIZATION* are for formal tasking or contingency missions in support of tasked or assigned Unit Line Numbers that may require the physical shipment or transportation of munition assets from the home station unit. They are the maximum authorizations, and functional managers should consider factors such as storage requirements when preparing munitions forecasts.

TOM D. MILLER, Lt Gen, USAF  
Deputy Chief of Staff/Logistics, Engineering &  
Force Protection

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

Title 5 United States Code Section 552a, *The Privacy Act of 1974*

DoDI 5160.68, *Single Manager for Conventional Ammunition*, 15 March 2022

DAFPD 21-2, *Munitions*, 15 January 2025

DAFI 90-160, *Publications and Forms Management*, 14 April 2022

DAFMAN 21-201, *Munitions Management*, 24 October 2024

DAFMAN 36-2655, *USAF Small Arms and Light Weapons Qualification Program*, 17 April 2020

DAFMAN 90-161, *Publishing Processes and Procedures*, 18 October 2023

AFI 33-322, *Records Management and Information Governance Program*, 23 Mar 2020

AFI 36-2654, *Combat Arms Program*, 16 April 2020

***Prescribed Forms***

None

***Adopted Forms***

DAF Form 679, *Air Force Publication Compliance Item Waiver Request/Approval*

DAF Form 847, *Recommendation for Change of Publication*

***Abbreviations and Acronyms***

**AFGMM**—Air Force Ground Munitions Manager

**AFI**—Air Force Instruction

**AFIMSC**—Air Force Installation and Mission Support Center

**AFQC**—Air Force Qualification Course

**AFSFC**—Air Force Security Forces Center

**AMST**—Agile Munitions Support Tool

**CATM**—Combat Arms Training and Maintenance

**COTS**—Commercial-Off-The-Shelf

**CTG**—Cartridge

**DAF**—Department of the Air Force

**DAFI**—Department of the Air Force Instruction

**DAFMAN**—Department of the Air Force Manual

**DoDAAC**—Department of Defense Activity Address Code

**DCS**—Deputy Chief of Staff

**FLDCOM**—Field Command

**GACP**—Global Ammunition Control Point

**GMAT**—Ground Munitions Authorization Tables

**MAJCOM**—Major Command

**MASO**—Munitions Accountable Systems Officer

**MUFM**—Munitions User Functional Manager

**OOCR**—Out-Of-Cycle-Request

**OPR**—Office of Primary Responsibility

**PCAR**—Peacetime Conventional Ammunition Requirements

**RDS**—Records Disposition Schedule

**rds**—Rounds

**RDT&E**—Research, Development, Test and Evaluation

**stu**—Students

**UTC**—Unit Type Code

**USAF**—United States Air Force

**USSF**—United States Space Force

***Office Symbols***

**AF/A4S**—Director Security Forces

**AF/A4SO**—AF/A4S, Operations Division

***Terms***

None

## Attachment 2

## EXAMPLE GROUND MUNITIONS AUTHORIZATION CHANGE REQUEST

Figure A2.1. Example Ground munitions Authorization Change request.

MEMORANDUM FOR AIR FORCE GROUND MUNITIONS MANAGER

FROM: 99 XX/CC

SUBJECT: Requested Change to Ground Munitions Authorization Table (GMAT) Table 2A.1

1. In order to conduct training IAW current USAF operations, we request the following munitions be immediately added to the *Training and Qualifying Air Force Personnel with Firearms Allowance* GMAT 2A.1.

DESCRIPTION	FSC	DODIC	NOTES	UI	PER STUDENT	PER CLASS	INSTRUCTOR USE
Cartridge, 5.56mm, M855 Ball, or 5.56mm Frangible	1305	CA059, AA40	3	EA	196	0	500

2. Current changes to the M4 AFQC have changed the required amount of ammunition per student to 196.

3. If you have any questions, please contact 99 SFS/S4C at DSN 473-7620.

COMMANDER, Lt Col, USAF  
Commander

**Attachment 3.  
EXAMPLE GROUND MUNITIONS FORECAST**

**Figure A3.1. Example CA Ground Munitions Forecast.**

National Stock Number (DODIC)	Noun	CAT	REQ Code	GMAT Table/Justification	Calculations	Total
1305-01-492-8545 (AA40)	CTG 5.56MM FRANGIBLE BALL	D	DQ	Table 2A.1, Rifle/Carbine AFQC T1-TIII	(699 students (stu) X 216 rounds (ds))	150,984
			DQ	Table 2A.1, Rifle/Carbine AFQC T1&TII (Group B)	(1621 stu X 196 rds)	317,716
			DQ	Table 2A.1, Zero Rounds	(400 stu X 18 rds) = 7,200	4,000
			DP	Table 2A.3, Instructor Proficiency	(12 inst X 500 rds)	6,000
			DL	Table 2A.3, Weapons Test	(661wpns X 10 rds)	6,610
<b>Justification:</b> Only fire Phase I (20 rds) Rifle/Carbine AFQC T1-TIII. Rifle/Carbine AFQC T1&TII students reduced by 200 from FY16. Only require 4,000 rds for zero (10 rds per student).					<b>Previous Year Expenditure</b>	<b>520,640</b>
1305-01-442-8717 (AA16)	CTG 9MM FRANGIBLE	D	DQ	Table 2.1, AFQC Training	(2,477 stu X 90 rds)	222,930
			DQ	Table 2A.1, Rifle/Carbine AFQC TII	(699 stu X 10 rds)	6,990
			DL	Table 2A.3, Weapons Test	(905 X 6 rds)	5,430
			DP	Table 2A.3, Instructor Proficiency	(12 inst X 750 rds)	9,000
<b>Justification:</b> Increase of 284 training requirements for selective arming program as outlined in BDP.					<b>Previous Year Expenditure</b>	<b>201,136</b>
1305-01-333-3929 (A260)	CTG, 9MM HOLLOWPOINT	T	TL	Table 3A.1	(12 inst X 30 rds)	360
<b>Justification:</b> Increase of 2 instructor positions					<b>Previous Year Expenditure</b>	<b>300</b>
1305-01-568-5689 (AB47)	CTG, 7.62MM DUMMY LINKED	C	CR	Table 2A.1	(10 inst X 400 rds) =4,000	2,000
<b>Justification:</b> Authorized 4,000, only require 2,000 for current training.					<b>Previous Year Expenditure</b>	<b>2,000</b>
NAME, GRADE/RANK OF COMMANDER			SIGNATURE		DATE	

**Figure A3.2. Example Non-CA Unit Ground Munitions Forecast.**

National Stock Number (DODIC)	Noun	CAT	REQ Code	GMAT Table/Justification	Calculations	Total
1305-01-492-8545 (AA40)	Cartridge (CTG) 5.56MM FRANGIBLE BALL	D	DE	Table 2J.16, Rifle/Carbine Sustainment Training.	(200 students (stu) X 100 rounds (rds) X 10 trng events)	200,000
					<b>TOTAL</b>	<b>200,000</b>
<b>Justification:</b> Increase of 16 assigned personnel since last FY.					<b>Previous Year Expenditure</b>	<b>184,000</b>
1305-01-442-8717 (AA16)	CTG 9MM FRANGIBLE	D	DE	Table 2J.16, Handgun Sustainment Training.	(200 stu X 150 rds X 10 trng events)	300,000
					<b>TOTAL</b>	<b>300,000</b>
<b>Justification:</b> Increase of 16 assigned personnel since last FY.					<b>Previous Year Expenditure</b>	<b>276,000</b>
1305-01-536-5822 (AB09)	CTG 5.56MM DYE MARKING BLUE	D	DE	Table 2J.16, Rifle/Carbine Sustainment Training.	(200 stu X 90 rds X 8 trng events)	144,000
					<b>TOTAL</b>	<b>144,000</b>
<b>Justification:</b> New requirement for force-on-force training directed by AFI 10-350V1, Chapter 5.					<b>Previous Year Expenditure</b>	<b>0</b>
1305-01-333-3929 (A260)	CTG, 9MM HOLLOWPOINT	T	TO	Table 3C.1, UTC Requirement.	(2 UTC X 1,000 rds)	2,000
					<b>TOTAL</b>	<b>2,000</b>
<b>Justification:</b> N/A.					<b>Previous Year Expenditure</b>	<b>2,000</b>
NAME, GRADE/RANK OF COMMANDER		SIGNATURE			DATE	

**Attachment 4  
MID-YEAR EXPENDITURE REPORT**

**Figure A4.1. Example Mid-Year Expenditure Report.**

MEMORANDUM FOR AIR FORCE GROUND MUNITIONS MANAGER

FROM: 99 XX/CC

SUBJECT: FY23 Mid-Year Expenditure Report

1. The 99 SFS/S4C was allocated 16 different munitions for FY 23. During the first six months of the year, the squadron expended less than 50% on 3 of 16 allocated munitions. In accordance with DAFMAN 21-209 V1, paragraph 1.6.3. This memorandum shows the total expenditures for munitions with less than a 50% expenditure rate, discusses alibis and plans for those, and addresses considerations for returning munitions with less than a 25% expenditure rate.

2. By Squadron, allocation and expenditure rate current as of 14 March 2023:

<b>DODIC</b>	<b>Nomenclature</b>	<b>Allocated</b>	<b>Expended</b>	<b>Percentage</b>
AA40	CTG 5.56MM FRANGIBLE BALL	485,310	194,124	40
AA16	CTG 9MM FRANGIBLE	244,350	85,522	35
A260	CTG 5.56MM DYE MARKING BLUE	100,000	25,000	25

3. The 99 SFS/S4C expenditure shortfalls for FY23 were munition-specific:

- a. For CTG 5.56MM FRANGIBLE, requests to retain munition allocation. Second half of FY23 is projected to increase due to deployment cycle and in-garrison qualification expirations.
- b. For CTG 9MM FRANGIBLE, requests to retain munition allocation. Second half of FY23 is projected to increase due to deployment cycle and in-garrison qualification expirations.
- c. For CTG 5.56MM DYE MARKING BLUE, request 10% redistribution due to higher-than-normal deployment rate reducing the number of Shoot Move and Communicate requirements.

4. If there are any questions or concerns, please contact 99 SFS/S4C, First Last at DSN: \*\*\*-\*\*\*\* or email at organizational email

COMMANDER, Lt Col, USAF  
Commander