

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

**AIR FORCE MANUAL 21-209,  
VOLUME 1**

**29 AUGUST 2019**

**Maintenance**

**GROUND MUNITIONS**



**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This publication supports Air Force Manual (AFMAN) 21-201, *Munitions Management*. This manual applies to all civilian employees and uniformed members of the Regular Air Force, Air Force Reserve, and Air National Guard. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Disposition Schedule (RDS) located in the Air Force Records Information Management System (AFRIMS). Refer recommended changes and questions about this publication to the OPR listed above using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. This publication may be supplemented at any level, but direct supplements must not contain conflicting material or less restrictive guidance. All supplements must be routed to the office of primary responsibility (OPR) of this publication for coordination prior to certification and approval. The authorities to waive wing and 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 Air Force Instruction (AFI) 33-360, *Publications and Forms Management*, 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 non-tiered compliance items. This publication is the primary authorization source that units and command functional areas use to forecast ground munitions needs throughout the Air Force (AF). This manual contains operational and training ground munition authorizations and explains how authorizations are established, reviewed, changed and forecasted.

***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. Major changes include waiver approval authority tiering at the lowest appropriate level and clarified guidance for ground munitions forecasting and validation procedures to assist field units.

## Chapter 1

### ROLES AND RESPONSIBILITIES

#### **1.1. Headquarters United States Air Force (USAF), Deputy Chief of Staff (DCS) for Logistics, Engineering and Force Protection, Director of Security Forces (AF/A4S) will:**

- 1.1.1. Establish, develop, and approve policies related to the Air Force Ground Munitions forecasting and allocation process.
- 1.1.2. Manage waiver authority for this publication.
- 1.1.3. Review for approval all Major Command (MAJCOM) supplements to this publication.
- 1.1.4. Develop forecasting procedures for Air Force units and personnel using ground munitions.

#### **1.2. Air Force Installation and Mission Support Center (AFIMSC), Air Force Security Force Center (AFSFC), Air Force Ground Munitions Manager (AFGMM) will:**

- 1.2.1. Follow all responsibilities outlined in AFMAN 21-201.
- 1.2.2. Manage the Ground Munitions Authorization Tables (GMAT) Authorizations.
- 1.2.3. Coordinate with Global Ammunition Control Point (GACP), applicable program teams and MAJCOM staff on all issues related to ground munitions authorizations, to include Commercial off the Shelf (COTS) requirements.
- 1.2.4. In coordination with working groups established in AFMAN 21-201, perform Air Staff validation for ground munitions forecast, allocation, out of cycle request (OOCR) and positioning objective associated with ground munitions.
- 1.2.5. Assist the Program Element Manager with programming required funding to support Air Force ground munitions.
- 1.2.6. Ensure forecasted training munition requirements are consistent with historical expenditure data.
- 1.2.7. Perform MAJCOM Munitions User Functional Manager (MUFM) duties for MAJCOMs that did not retain Security Forces MUFM responsibilities.

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

- 1.3.1. Serve as the functional lead for ground munition requirements within their functional area (e.g., Security Forces, Civil Engineers, Guardian Angel).
- 1.3.2. Review and validate all GMAT change requests associated with their functional area; for example, AFSFC/S4WL is the Air Staff Functional for Functional User Code (FUC) C1-Combat Arms and Air Combat Command (ACC)/A3J is the Air Staff Functional for FUC F8 - Guardian Angel.

#### **1.4. MAJCOM Munitions User Functional Manager (MUFM) will:**

- 1.4.1. Review and understand all requirements outlined in AFMAN 21-201.
- 1.4.2. Act as the primary point of contact for ground munitions requirements assigned to their FUC within their assigned MAJCOM area(s) of responsibilities.

1.4.3. Review and validate all ground munitions requirements and allocations assigned to their FUC.

1.4.4. Approve or disapprove OOCR(s) and ensure training requirements and allocations are consistent with historical expenditure data.

**1.5. Unit Commander will:**

1.5.1. Review and understand all requirements outlined in AFMAN 21-201 for responsibilities for commanders of non-munitions organizations that use, possess, or maintain munitions. (T-1).

1.5.2. Review and approve all unit munitions forecasts prior to forecast submission in the Agile Munitions Support Tool (AMST). Ensure forecasted training munitions requirements are consistent with historic expenditure data. (T-3).

1.5.3. Review mid-year expenditure report. (T-3).

**1.6. Account Custodian will:**

1.6.1. Initiate ground munitions forecast requirements within the AMST using the procedures in AFMAN 21-201, this publication and the annual Peacetime Conventional Ammunition Requirements (PCAR) letter. (T-1).

1.6.2. Initiate and function as the primary point of contact for OOCR and COTS requests. (T-3).

1.6.3. 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 ammunition, unless fully justified. (T-3).

1.6.4. All Air Force organizations will use the procedures outlined in this manual when forecasting for ground munitions. (T-2).

1.6.5. Develop and submit mid-year expenditure report for commander review for all munitions less than 50% expended (See [Attachment 4](#)). (T-3).

**1.7. Waiver requests for this publication.**

1.7.1. Routing Tier-1 waiver requests. As required by AFI 33-360, units obtain concurrence from AF/A4S for Tier-1 waiver requests to this publication prior to seeking MAJCOM/CC approval. After completing installation coordination, as required by local guidance, submit Tier-1 waiver requests using AF Form 679, *Air Force Publication Compliance Item Waiver Request/Approval*, to the MAJCOM/SF. The MAJCOM/SF provides review and comment (if needed) and submits the request to AFSFC. AFSFC provides review and any comments and forwards the request to AF/A4S. AF/A4S provides concurrence/non-concurrence and returns the request to the MAJCOM/SF. The MAJCOM/SF either routes the request to the MAJCOM/CC for approval or disapproval or returns it to the unit (if AF/A4S non-concurred).

1.7.2. Routing non-tiered waiver requests. Units follow procedures outlined in AFI 33-360, and provide final copy of the approved waiver to the OPR of the Higher Headquarters publication being waived within 30 days of approval to [usaf.pentagon.af-a4.mbx.a4s-workflow@mail.mil](mailto:usaf.pentagon.af-a4.mbx.a4s-workflow@mail.mil).

## Chapter 2

### GENERAL INFORMATION

**2.1. Ground Munitions Authorization Tables.** The tables contain the munitions authorizations for users to forecast and validate known munitions requirements. The tables are located on the Global Ammunition Control Point web site homepage through the following domain: <https://www.my.af.mil/ammoprod/wm/>. **Figure 1.1** depicts the coordination and approval process. All units requesting ground munitions will maintain supporting documentation associated with establishing requirements and forecasting for these assets. **(T-1)**.

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

2.1.2. Table 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) requirement will send requests to the parent MAJCOM MUFGM for consideration (**Figure A2.1**). **(T-1)**. The MUFGM forwards the request to the Air Force Ground Munitions Manager to create or change a munitions table.

**Figure 1.1. Establishing or Changing Munitions Authorizations.**



**2.2. Establishing or Changing Allocations.** Units or functions responsible for an operational mission, training program or RDT&E requirement should submit OOCR through their supporting Munitions Accountable Systems Officer (MASO) to establish initial munition authorizations. Accomplish the OOCR in accordance with AFMAN 21-201. **(T-1)**. Future munition requirements are established by submitting forecasts in accordance with **paragraph 2.3**.

2.2.1. Ground Munitions Users.

2.2.1.1. 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 include the OPR for the guidance directing the requirement, the Air Force 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. MUFM. The MUFM will attempt to support training OOCRs with excess authorizations within their functional user code. If the request is unsupportable, the MUFM approves the request and forwards the OOCR to the applicable MAJCOM munitions staff.

2.2.3. MAJCOM Munitions Staff. The MAJCOM Munitions Staff will review OOCRs, determine supportability, and if needed, the MAJCOM Staff will approve the request and forward the OOCR to the AFGMM.

2.2.4. AFGMM. The AFGMM reviews and validates each request, determines supportability and updates the authorization accordingly. Disapproved requests are submitted electronically through AMST and provide reason 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 must use the OOCR procedures identified in AFMAN 21-201, para, 7.4.2. for one-time authorizations (e.g., specialized shooting schools, one-time unique events). **(T-1)**.

**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 this publication, AFMAN 21-201 and the PCAR memorandum. **(T-1)**. Include previous year expenditures as applicable and justification for any variance larger than 10 percent. **(T-3)**. Follow the guidance in [paragraph 2.2.1.1](#) 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. 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-3)**.

2.3.3. 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)**.

2.3.3.1. Units must have an approved course of fire (see AFI 36-2654, *Combat Arms Program*) for proficiency, sustainment and dye marking cartridge training. **(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.

2.3.3.2. 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). Combat Arms uses the Automated

Readiness Information System (ARIS) for qualification training as outlined in AFI 36-2654. **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).

2.3.3.3. Combat Arms (CA). For CA qualification and orientation courses, use the number of rounds required by the course of fire in AFMAN 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. (T-1). CA adjusts the quantities per student for any approved deviations or waivers they have for orientation or qualification courses. For example, if a Combat Arms 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. MASO. The MASO will ensure units with munitions accounts submit forecasts and follow procedures in accordance with AFMAN 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. MUFM. The MUFM validates forecasted munitions requirements and ensures the forecasts are submitted in accordance with AFMAN 21-201, this publication, PCAR memorandum, MAJCOM munitions staff direction and AFGMM direction.

2.4.2.1. The MUFM ensures all Category D (training) munition forecasts are within 10 percent of the previous year's forecast. If above 10 percent, the MUFM will validate a detailed justification was loaded in AMST and may 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 Munitions Expenditure Report, or other locally produced report, to ensure Category D (Training) requirements are consistent with historical expenditure data.

2.4.3. AFGMM. 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 on 14 March each year. If units are below a 50 percent expenditure rate without justification, the AFGMM may redistribute the unused allocations to meet Air Force mission needs. For example, if the unit's expenditure rate for an item is 38 percent on 14 March, the AFGMM may redistribute 12 percent of the allocated munitions.



2.4.3.1.1. The AFGMM will notify MASOs and courtesy copy MAJCOM munition staff (email constitutes notification) of munition 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 in order to ease the redistribution of munitions. The AFGMM may re-allocate assets without account custodian concurrence to meet Air Force 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. Expenditure Rates: 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. Special Instruction**

2.5.1. To use or procure COTS munitions, the requesting units must process a request and comply with the guidance in AFMAN 21-201. **(T-1)**.

2.5.2. If training conditions do not permit use of identified munitions, MAJCOMs may authorize units to forecast for substitute items (e.g., approved units may forecast for and use 7.62mm ball in lieu of 7.62mm tracer due to fire hazards on their training ranges).

2.5.3. Munitions requirements forecast categories: Refer to AFMAN 21-201, for applicable information on munitions categories and requirement codes.

2.5.4. Lead Time for Delivery of Munitions. New or increased munitions requirements can take two or more years after forecast before items are available. Programming, approval, funding and procurement actions make up this lead-time. The Air Force'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. By following this simple methodology, end-of-year munitions excesses will be minimal.



**2.6. GMAT Authorizations.** 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).

**2.7. Munitions Authorizations for Training, Exercises, Evaluations and Competitions.** Foreign government students or personnel from any branch, department or activity of the United States government attached to the Air Force as a student (including Air Force Reserve Officer Training Corps) for training receive the same authorizations as Air Force personnel.

**2.8. 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.

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

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

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

AFI 33-360, *Publications and Forms Management*, 1 Dec 2015

AFI 36-2654, *Combat Arms Program*, 13 Jan 2016

AFMAN 21-201, *Munitions Management*, 26 Mar 2019

AFMAN 21-209-V2, *Demolition Munitions*, 25 April 2018

AFMAN 33-363, *Management of Records*, 1 Mar 2008

AFMAN 36-2655, *USAF Small Arms and Light Weapons Qualification Programs*, 12 Aug 2016

AFPD 21-2, *Munitions*, 25 Jun 2018

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

***Prescribed Forms***

None

***Adopted Forms***

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

AF Form 847, *Recommendation for Change of Publication*

***Abbreviations and Acronyms***

**ACC**—Air Combat Command

**AFGMM**—Air Force Ground Munitions Manager

**AFI**—Air Force Instruction

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

**AFMAN**—Air Force Manual

**AFPD**—Air Force Policy Directive

**AFQC**—Air Force Qualification Course

**AFRIMS**—Air Force Records Information Management System

**AFSFC**—Air Force Security Forces Center

**AMST**—Agile Munitions Support Tool

**ARIS**—Automated Readiness Information System

**COTS**—Commercial-Off-The-Shelf

**CTG**—Cartridge

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

**DCS**—Deputy Chief of Staff

**FUC**—Functional User Code

**GACP**—Global Ammunition Control Point

**GMAT**—Ground Munitions Authorization Tables

**IAW**—In Accordance With

**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

**USAF**—United States Air Force

## Attachment 2

## EXAMPLE GROUND MUNITIONS AUTHORIZATION CHANGE REQUEST

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

MEMORANDUM FOR AFSFC/S4WL

FROM: 999 XXX/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.

OPR	CATEGORY CODE		FUNCTIONAL CODE		REQUIREMENT CODE		
AFSFC/FGWL	D		S3, C1, O2		DQ, DH, CR, DP		
DESCRIPTION	FSC	DODIC	NOTES	UI	PER STUDENT	PER CLASS	INSTRUC TOR USE
Cartridge, 40mm, M781 or XM781, Practice	1310	B519	1&2	EA	3	0	0
Cartridge, 5.56mm, Ball, Linked, or Cartridge, 5.56mm, Frangible, Linked	1305	A062, AA85	1&2	EA	100	0	0
Cartridge, 5.56mm, M200, Blank	1305	A080	1&2	EA	810	8,000	0
Cartridge, 5.56mm, Blank, SAW, Linked	1305	A075	1&2	EA	600	5,000	0
Cartridge, 5.56mm, M855, Ball, or 5.56mm, Frangible	1305	A059, AA40	3	EA	196	0	500
NOTE	DESCRIPTION						
1(*)	Identified quantities to be utilized by instructors, "per class" of 52 students.						
2	Training requirement totals identified above are based upon fiscal year student training requirements, multiplied by the number of classes per year. Two classes per fiscal year.						
3	Instructor rounds are used to trouble shoot various student related firearms problems.						

2. Current changes to the M-4 and M-16 AFQC have changed the required amount of ammunition per student to 196.

3. If you have any questions, please contact 999 SFS/S4C at DSN 473-7620.

COMMANDER, 1st CoI, 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 TI&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
						TOTAL
Justification: Only fire Phase I (20 rds) Rifle/Carbine AFQC TI-TIII. Rifle/Carbine AFQC TI&TII students reduced by 200 from FY16. Only require 4,000 rds for zero (10 rds per student).					Previous Year Expenditure	520,640
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
						TOTAL
Justification: Increase of 284 training requirements for selective arming program as outlined in IDP.					Previous Year Expenditure	201,136
1305-01-333-3929 (A260)	CTG, 9MM HOLLOWPOINT	T	TL	Table 3A.1	(12 inst X 30 rds)	360
						TOTAL
Justification: Increase of 2 instructor positions					Previous Year Expenditure	300
1305-01-568-5689 (AB47)	CTG, 7.62MM DUMMY LINKED	C	CR	Table 2A.1	(10 inst X 400 rds) =4,000	2,000
						TOTAL
Justification: Authorized 4,000, only require 2,000 for current training.					Previous Year Expenditure	2,000
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
						TOTAL
Justification: Increase of 16 assigned personnel since last FY.					Previous Year Expenditure	184,000
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
						TOTAL
Justification: Increase of 16 assigned personnel since last FY.					Previous Year Expenditure	276,000
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
						TOTAL
Justification: New requirement for force-on-force training directed by AFI 10-350V1, Chapter 5.					Previous Year Expenditure	0
1305-01-333-3929 (A260)	CTG, 9MM HOLLOWPOINT	T	TO	Table 3C.1, UTC Requirement.	(2 UTC X 1,000 rds)	2,000
						TOTAL
Justification: N/A.					Previous Year Expenditure	2,000
NAME, GRADE/RANK OF COMMANDER		SIGNATURE			DATE	

## Attachment 4

## MID-YEAR EXPENDITURE REPORT

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

MEMORANDUM FOR: AFSFC/S4WL

FROM: 999 XXX/XX

SUBJECT: FY18 Mid-Year Expenditure Report

1. The 999 SFS/S4C was allocated 16 different munitions for FY 18. During the first six months of the year, the squadron expended less than 50% on 3 of 16 allocated munitions. In accordance with AFMAN 21-209V1, para, 1.6.5., 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 2018:

DODIC	Nomenclature	Allocated	Expended	Percentage
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 999 SFS/S4C expenditure shortfalls for FY18 were munition-specific:
- a. For CTG 5.56MM FRANGIBLE, requests to retain munition allocation. Second half of FY 18 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 FY 18 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 999 SFS/S4C, First Last at DSN: \*\*\*-\*\*\*\* or email at organizational email.

COMMANDER, Lt Col, USAF  
Commander