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Maintenance

**MUNITIONS RECONCILIATION
PROCEDURES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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OPR: 301 MXS/LGMW
(CMSgt Morris Ashley)

Certified by: 301 LG/CC
(Col David L. Patterson)

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This instruction tailors procedures for reconciliation of munitions items used in support of 457th Fighter Squadron Operations. This instruction implements AFD 21-1, *Managing Aerospace Equipment Maintenance* and AFRCI 21-101, *Objective Wing Aircraft Maintenance*.

1. Responsibilities:

- 1.1. The Munitions Flight Chief will ensure that all aspects of this operating instruction are enforced and proper reconciliation is performed in a timely manner.
- 1.2. The Weapons Flight Chief will ensure that the flight line reconciliation procedure is completed after each flying day and properly documented.
- 1.3. The Munitions Storage Supervisor will ensure that all documentation is complete and only well skilled supply point custodians/alternates are appointed.
- 1.4. The Supply Point Custodian(s) will ensure that the ready use munitions and bulk storage reconciliation is accomplished.
- 1.5. Munitions Supply will inventory the supply point on an as needed basis to insure accuracy.

2. Location of Operation. Bldg 1648, 4160, Lakeside Storage Area, and Flight Line.

3. Munitions Storage Reconciliation Procedures. Reconciliation of AFI 36-2217, *Munitions Requirements for Aircrew Training*, munitions that have been issued from Supply Point (SP) 40 for ready use will be completed daily. Munitions in Supply Point 40 bulk storage will be inventoried weekly.

- 3.1. Ready Use Reconciliation:

3.1.1. Ready use munitions are AFI 36-2217 items issued from SP 40 bulk stock for support of the weekly flying schedule. This will consist of all munitions issued for storage in the ready use lockers/bays whether packaged or assembled.

3.1.1.1. Ready use lockers/bays are areas where the following are stored. UALS, chaff/flare, pelletized 20mm, impulse cartridges, electrical squibs, trailerized or palletized bombs (heavy munitions and associated components), BDU trailers that have been stocked and not delivered to flight line, and assembled BDUs-33 in crates.

3.1.2. Reconciliation of ready use munitions will consist of three major areas:

3.1.2.1. Ready use stock.

3.1.2.2. Munitions loaded on bomb trailers.

3.1.2.3. Munitions loaded on aircraft.

3.1.3. Daily reconciliation will be completed as follows:

3.1.3.1. At the end of the flying day, munitions storage will receive the following from Weapons Loading:

3.1.3.1.1. A completed Munitions Configuration/Expenditure Document.

3.1.3.1.2. A completed BDU-33 Trailer Reconciliation Work Sheet.

3.1.3.2. A complete inventory of all ready use lockers/bays will be conducted at the end of the flying day using the ready use inventory work sheet.

3.1.3.3. A complete inventory of BDU trailers that have been returned from the flight line.

3.1.3.4. After the complete inventories have been accomplished, each munitions separate daily inventory work sheet will be documented.

3.1.3.5. After each inventory work sheet is documented, each sheet will be verified for accuracy and balance.

3.2. Bulk Storage Reconciliation:

3.2.1. Bulk storage munitions are munitions that have not been issued for ready use by the supply point monitor. These munitions will be separate from ready use munitions and will not be removed, issued or otherwise tampered with, without direction from the supply point monitor.

3.2.2. Reconciliation of bulk storage assets will be documented on applicable local bulk storage worksheets. These worksheets are self-explanatory and will be documented only by the supply point monitor or his alternate.

3.2.3. All issues to ready use will be annotated at the time of issue on the corresponding worksheet. This will include the date and quantity of the transaction.

3.2.4. To complete the reconciliation of bulk stock, all quantities issued to ready use will be subtracted from the beginning balance.

3.3. 20mm Ammunition Reconciliation:

3.3.1. 20mm Target Practice Ammunition will be reconciled using the worksheets stored in the pocket of the Universal Ammunition Loader System (UALS). This worksheet will be documented immediately after loading operations have been completed.

4. Munitions Support Issue (MSI) Document Flow and Timing Requirements. Documents will be given to munitions supply (FK) on the first day of the next week after the expenditures have been documented. Issue documents will be issued on an as needed basis. Any exceptions to this policy will be first cleared through the munitions storage supervisor.

5. Flight Line Munitions Reconciliation. Flight line Munitions Reconciliation procedures for munitions accountability must be performed daily. To insure proper accountability and control of flight line munitions, the Munitions Configuration and Expenditure Document, BDU Trailer Inventory, and munitions from other sources (Munitions Control) will be used to reconcile. The Weapons Flight Chief has primary responsibility to ensure all personnel are trained properly and all procedures implemented completely. **NOTE:** The munitions configuration and expenditure document must contain all aircraft on the flight line with munitions loaded.

5.1. The weapons expediter will inventory the flight line at the end of the flying day and document the expenditure sheet as necessary.

5.2. The weapons expediter will inventory the BDU trailer at the end of the flying day and document the trailer inventory sheet.

5.3. The weapons expediter will ensure copies of all documents are routed to munitions control, supply point monitor, munitions section supervisor, and Weapons Flight Chief. **NOTE:** The original will be given to the munitions flight supervisor who will, after review, give it to the munitions storage supervisor for filing.

5.4. The weapons expediter will ensure that all 20mm ammunition loads are complete (no ammunition is left unaccounted for) and UALSs are properly documented. All 20mm removed from gun jams will be placed in 20mm ammo cans and the cans tagged with the quantity and the aircraft from which it was removed. **NOTE:** If a gun jams during loading, all ammo will be removed from the gun. After the jam is cleared, a complete load of ammo will be installed. This is required for total lot number control.

BOB L. EFFERSON, Col, USAFR
Commander