



MATERIEL FIELDING

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Matériel Fielding



- **Purpose:**
 - Plan, coordinate, and execute deployment of a matériel system
 - “Supportability planning” at program initiation in the Life Cycle Sustainment Plan (LCSP)
 - Successfully acquire, ship, deprocess, deploy, and sustain a fielded system
 - Field fully supportable matériel systems and all required support
 - Ease logistics burden of Gaining Command (GC) (minimize disruption and workload)

- **Policy:** AR 700-142 & DA PAM 700-142
 - Total Package Fielding (TPF) is the Army standard for fielding since 1987
 - Matériel Developer (MATDEV) establishes equipment record prior to goods transfer
 - Utilize Property Book Unit Supply Enhanced (PBUSE) to transfer inventory to GCs
 - Ensure unique item identifier (UII) markings for all property book matériel
 - Provide customer documentation IAW the Matériel Fielding Agreement (MFA)



Materiel Release



****Before Materiels are fielded, the *Materiel Release* must occur.**

Materiel release (MR) process is utilized to ensure materiels are:

- a. Safe for Soldiers during operation within its stated parameters
- b. Suitable, fully tested, & meets performance requirements
- c. Supported Logistically
- d. System achieves Full Materiel Release (FMR) no later than:
 1. Full-rate Production (FRP) for developmental programs
 2. Gov acceptance of materiel after completion of qualification testing on non-developmental programs for commercial products



Material Release Authority



The Army Materiel Command (AMC) Life-Cycle Management Command (LCMC) is the approval authority for all MRs of assigned acquisition category (ACAT) I-III acquisition programs, fielding category I-III, and complexity level 1-4

MR approval for non AMC-supported materiel will be approved by the commander at the general officer level

Category	Criteria for Designation	Decision Authority
ACAT I	Major Defense Acquisition Programs - RDT&E total expenditure of more than \$365M, or - Procurement total expenditure of more than \$2.190B MDA designation as special interest	ACAT ID: USD (AT&L) - Reviewed by the Defense Acquisition Board (DAB) ACAT IC: Component head, or Component Acquisition Executive (CAE) (cannot be further delegated) - Reviewed by component HQ
ACAT II	Does not meet ACAT I criteria Major System -RDT&E total expenditure of more than \$140M, or - Procurement total expenditure of more than \$660M MDA designation	CAE or the individual designated by the CAE Reviewed in accordance with component policy
ACAT III	Does not meet ACAT II or above criteria	Designated by the CAE at the lowest appropriate level Reviewed in accordance with component policy

(Introduction to Defense Acquisition Management, 2010, p. 19)



Fielding Categories



Category	Title	Description
I	Matériel Fielding System	Includes the system and all ASIOE identified in the BOIP. It also includes the authorized TMDE, STTE, Army authenticated operator, maintenance and parts TMs for equipment new to the units, the computed initial issue spare or repair parts, and any special mission kits required. Fielding is to the authorization changes in the MTOE or TDA resulting from the new matériel system BOIP.
II	Unit Activation	The PM of the primary mission equipment for the unit will field all items of equipment to make the unit operationally ready to deploy. Entire MTOE or TDA requirements will be provided to minimum C-3 equipment on hand (EOH) fill (see AR 220-1) unless otherwise directed by HQDA. The fielding support packages will include the primary system, ASIOE, TMDE, STTE, organizational support equipment, deployable CTA, all computed initial issue spare or repair parts, and a starter set of equipment technical publications. A formal fielding is required for all Category II unit activations. Fielding is to the authorizations in the MTOE or TDA.
III	Unit Conversion	A Category III unit conversion will be specifically directed by the DCS, G-3/5/7 (DAMO-OD) to facilitate the smooth transition from one MTOE or TDA to another. The designated PM will field all additional items of equipment to make the unit ready to deploy under the new MTOE or TDA. All MTOE or TDA requirements will be provided to a minimum C-3 EOH unless otherwise directed by HQDA. Fielding is to the authorizations in the MTOE or TDA minus the assets on hand.

(AR 700-142, 2015, p. 35)



Fielding System Complexity Levels



Level	Description
1	A low-density simple system is an end item with limited or no support item requirements. Fielding will involve little or no ASIOE, TMDE, STTE, or spare or repair parts. No formal fielding is required unless weapons or sensitive items are involved.
2	A high-density simple system is an end item with little or no support item requirements that will be fielded in large quantities to a large number of users. This system does not drive plus-ups of other support equipment in the receiving units. The system may have a formal fielding, as determined by the PM, and is coordinated with the GC and supporting command.
3	A low-density or limited support complex system is a complex end item with ASIOE, TMDE, or STTE, and some spare or repair part support requirements. These systems are often low density or one of a kind fieldings. The system may have a formal fielding, as determined by agreement between the PM and GC.
4	An extensive support complex system is a major materiel system comprising a primary mission capability and involving extensive ASIOE, TMDE, STTE, and spare or repair part support requirements. A formal fielding is required.

Ex: Gray Eagle sustains an ACAT I, Fielding Category II, Complexity 4 program

(AR 700-142, 2015, p. 35)



Types of Materiel Release



- a. Full Materiel Release (FMR): Formal certification stating the safety and supportability of materiel
- b. Conditional Materiel Release (CMR): All criteria hasn't been met and happens if:
 1. Army Acquisition Executive (AAE) allows program to proceed to FRP under CMR
 2. No planned FRP with Acquisition Strategy
 3. Program fields Low-rate Initial Production (LRIP) prior to FRP
- c. Urgent Materiel Release (UMR): Limited certification that meets minimum safety requirements
- d. Training Materiel Release (TMR): Limited certification for training purposes



TOTAL PACKAGE FIELDING (TPF)



TPF Execution



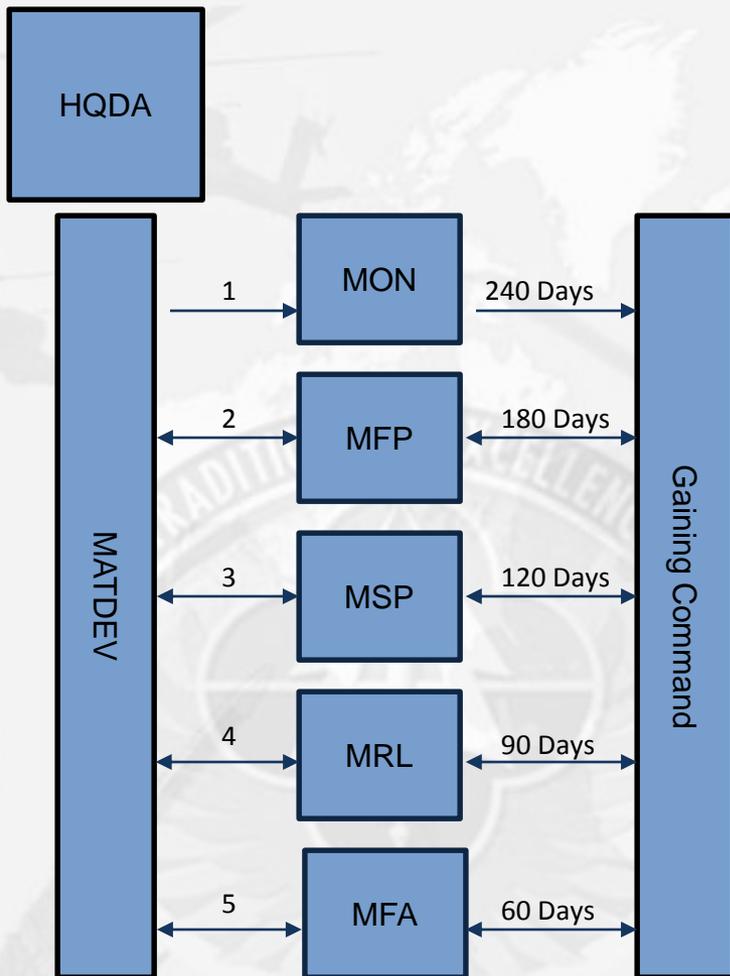
“A Logistics Success Story since 1987”

- Up-front requirements determination
 - Fund and requisition of all required materiel
 - Consolidation into unit-level packages
 - Coordination of distribution and transportation to fielding site
 - Tailor customer documentation to GC
- Provides a consolidated support package of equipment and materiel to GC
- The MATDEV (Materiel Developer):
- a. Programs funds for all initial issue materiel
 - b. Requisitions the initial issue materiel
 - c. Delivers all TPF materiel to user in coordinated manner
 - d. Pays all costs for deprocessing & fielding
 - e. Provides customer documentation

“Conducted in conjunction with new equipment training (NET)”



TPF Coordination Process



Legend

HQDA: Headquarters Department of the Army

MATDEV: Materiel Developer

MON: Memorandum of Notification

MFP: Materiel Fielding Plan

MSP: Mission Support Plan

MRL: Materiel Requirement List

MFA: Materiel Fielding Agreement

(DA PAM 700-142, 1 July 2014, p.19)



TPF Documentation



5 Documents needed to enable the MATDEV and GC to document, coordinate, and agree upon TPF requirements for a fielded system:

- a. Memorandum of Notification (MON) – MATDEV initiates TPF process and notifies GC of intent to field (240 Days)
- b. Materiel Fielding Plan (MFP) – MATDEV and GC describe system, support concept, responsibilities (180 Days)
- c. Mission Support Plan (MSP) - GC identifies its support structure on DA Form 5106 (120 Days)
- d. Materiel Requirements List (MRL) – MATDEV establishes materiel requirements on DA Form 5682 (90 Days)
- e. Materiel Fielding Agreement (MFA) - Coordinated document appends and finalizes the MFP (60 Days)



TPF Funding



- The MATDEV:
 - a. Programs and funds all initial-issue materiel and services provided under TPF
 - b. Utilizes procurement appropriations for both production and initial fielding
 - c. Funds staging sites and destination transportation
 - d. Plans funding for post-deployment support

- GC only funds and requisitions specially controlled commodities (ammo, POL)
(AR 700-142, 2015, p. 35)



TPF Requisitioning & Staging



- The MATDEV:
 - a. Requisitions all items from the coordinated MRL using Logistics Modernization Program (LMP) 180 Days
 - b. Provides copy of all requisitions to GC property book officer (PBO) 30 days prior to handoff
 - c. Publishes electronic component list in PBUSE & Global Combat Support System-Army (GCSS-A)
 - d. Monitors asset requisition status, availability, and visibility prior to handoff
- Support package materiel shipped to and stored at unit materiel fielding point (UMFP) or a designated area by MATDEV
- Major system and large ASIOE shipped directly to handoff site



Unit Materiel Fielding Point (UMFP)



“Where the TPF package comes together”

- Defense Logistics Agency (DLA) managed staging facility
- Storage of end items, support equipment, initial-issue spares, and repair parts
- Consolidation into unit-level packages prior to shipment to handoff site
- Packaging and transportation to TPF handoff site



Joint Supportability Assessment (JSA)



The JSA “leads to call forward and shipment to fielding site”

- Conducted for CONUS 60 Days; OCONUS 90 Days
- Identifies shortages and potential system deficiencies
- MATDEV & GC will coordinate and agree on fielding and handoff schedule
- UMFP is directed to ship TPF support package(s) to the fielding location



Matériel Fielding Team (MFT)



- Requirements and scope of the MFT are identified in MFP and MFA
- MATDEV & GC coordinate fielding personnel, facilities, and materiel required
- MFT provides agreed upon support and services

BLUF: Ensures that the MATDEV and GC adhere to the MFA and MFP



TPF Deprocessing



- MFT ensures systems and support equipment are complete and ready to go
- Unpackaging, inspection, calibration, and preparation of all materiel for handoff
- MFT documents item shortages, materiel deficiencies, or other problems



TPF Joint Inventory and Handoff



- Assumption of Command Orders and DA Form 187 (Signature Card)
- MFT ensures all items are accounted for and in serviceable condition
- Commanding General (CG) PBOs verify and inventory end items, components, and BII
- Class IX, TMDE, STTE, special mission kits, and publications verified and inventoried
- MFT documents item shortages, materiel deficiencies, or other problems
(Also annotated on MFT after action report (AAR) within 30 days)
- MATDEV tracks materiel on shortage list until TPF package is 100% filled
- Accountability of fielded system and support packages transferred to GC PBO:
 - a. DA Form 2062, Hand Receipt/Annex Number
 - b. DA Form 3161, Request for Issue or Turn-in
- GC PBO accepts issued materiel using PBUSE or GCSS-A
- GC completes DA Form 5666 Gaining Command Fielding Evaluation



Summary



- Materiel Fielding Purpose and Policy

- Materiel Release
 - Materiel Release Authority
 - Types of Materiel Release

- Total Package Fielding
 - Executing
 - Coordination Process
 - Documentation
 - Funding
 - Requisitioning and Staging
 - UMFP
 - JSA
 - MFT
 - Deprocessing
 - Joint Inventory/Handoff
 - Customer Documentation



Acronyms



- AAE: Army Acquisition Executive
- AAR: After Action Report
- ACAT: Acquisition Category
- AMC: Army Materiel Command
- AR: Army Regulation
- ASIOE: Associated Support Item of Equipment
- AT&L: Acquisition Technology & Logistics
- BOIP: Basic of Issue Plan
- CAE: Component Acquisition Executive
- CG: Commanding General
- CMR: Conditional Materiel Release
- CONUS: Continental United States
- CTA: Common Table of Allowances
- DAB: Defense Acquisition Board
- DAMO-OD: Department of the Army Management Office- Operations & Contingency Plans Division
- DA PAM: Department of Army Pamphlet
- DCS: Deputy Chief of Staff
- DLA: Defense Logistics Agency
- EOH: Equipment of Hand
- FMR: Full Materiel Release
- FRP: Full-rate Production



Acronyms



- GC: Gaining Command
- GCSS-A: Global Combat Support System-Army
- HQDA: Headquarters, Department of the Army
- JSA: Joint Supportability Assessment
- LCMC: Life-Cycle Management Command
- LCSP: Life Cycle Sustainment Plan
- LMP: Logistics Modernization Program
- LRIP: Low-rate Initial Production
- MATDEV: Materiel Developer
- MDA: Milestone Decision Authority
- MFA: Materiel Fielding Agreement
- MFP: Materiel Fielding Plan
- MFT: Materiel Fielding Team
- MON: Memorandum of Notification
- MR: Materiel Release
- MRL: Materiel Requirements List
- MSP: Mission Support Plan
- MTOE: Modified Table of Organization and Equipment
- NET: New Equipment Training
- OCONUS: Outside the Continental United States
- PBO: Property Book Officer



Acronyms



- PBUSE: Property Book Unit Supply Enhanced
- PM: Program Manager
- POL: Petroleum, Oils, and Lubricants
- RDT&E: Research, Development, Test & Evaluation
- STTE: Special Tools and Test Equipment
- TDA: Table of Distribution and Allowances
- TM: Technical Manual
- TMDE: Test, Measurement, and Diagnostic Equipment
- TMR: Training Materiel Release
- TPF: Total Package Fielding
- UMFP: Unit Materiel Fielding Point
- UII: Unique Item Identifier
- UMR: Urgent Materiel Release



Questions??





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