



Department of Defense INSTRUCTION

NUMBER 3000.04

September 24, 2009

Incorporating Change 2, August 31, 2018

USD(A&S)

SUBJECT: DoD Munitions Requirements Process (MRP)

References: See Enclosure 1

1. PURPOSE. This Instruction:

a. Reissues DoD Instruction 3000.4 (Reference (a)) under the authority of DoD Directive 5134.01 (Reference (b)), to establish policy, assign responsibilities, and prescribe procedures for generating, developing, and disseminating DoD MRP products pursuant to the Secretary of Defense Memorandums (References (c) and (d)).

b. Establishes a total munitions requirement (TMR).

c. Establishes the DoD MRP Steering Committee (SC) and Working Group (WG) to ensure the appropriate data is generated and collected to support the MRP.

d. Leverages DoD Analytic Agenda products as the starting points for developing near-year (NY) and out-year (OY) munitions requirements pursuant to DoD Directive 8260.05 and DoD Instruction 8260.2 (References (e) and (f)).

2. APPLICABILITY. This Instruction:

a. Applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the Department of Defense (hereafter referred to collectively as the "DoD Components"). The term "Military Services," as used herein, refers to the Army, the Navy, the Air Force, and the Marine Corps.

b. Specifically applies to those DoD Components and, through the Heads of those DoD Components, to their subordinate field organizations involved in munitions requirements development, subsequent procurement, and inventory management.

3. DEFINITIONS. See Glossary and the DoD Dictionary of Military and Associated Terms (Reference (g)).

4. POLICY. It is DoD policy to:
 - a. Establish a TMR for the U.S. Armed Forces, consistent with guidance from References (b), (c), and Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)) Memorandum (Reference (h)) that enables the execution of their assigned military missions.

 - b. Ensure that munitions requirements developed as a result of the MRP are visible, accessible, and understandable to the rest of the Department (except where limited by law, policy, or security classification).

5. RESPONSIBILITIES. See Enclosure 2.

6. PROCEDURES. See Enclosure 3. An MRP implementation timeline is provided in Enclosure 4.

7. INFORMATION REQUIREMENTS. The reporting requirements in this Instruction are exempt from licensing in accordance with Paragraphs 1.b.(9) of Volume 9 of DoD Manual 8910.01 (Reference (i)).

8. RELEASABILITY. **Cleared for public release.** This instruction is available on the Directives Division Website at <http://www.esd.whs.mil/DD/>.

9. SUMMARY OF CHANGE 2. This change reassigns the office of primary responsibility for this instruction to the Under Secretary of Defense for Acquisition and Sustainment in accordance with the July 13, 2018 Deputy Secretary of Defense Memorandum (Reference (j)).

10. EFFECTIVE DATE. This Instruction is effective September 24, 2009.



Ashton B. Carter
Under Secretary of Defense for Acquisition,
Technology, and Logistics

Enclosures

1. References
 2. Responsibilities
 3. Procedures
 4. DoD MRP Implementation Timeline
 5. DoD MRP Steering Committee and Working Group Organizations
- Glossary

ENCLOSURE 1

REFERENCES

- (a) DoD Instruction 3000.4, “DoD Munitions Requirements Process (DoD MRP),” October 23, 2003 (hereby canceled)
- (b) DoD Directive 5134.01, “Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)),” December 9, 2005, as amended
- (c) Secretary of Defense Memorandum, “Guidance for the Development of the Force (GDF) Fiscal Years 2010-2015,” May 12, 2008
- (d) Secretary of Defense Memorandum, “Guidance for the Employment of the Force (GEF) 2008-2010,” May 12, 2008
- (e) DoD Directive 8260.05, “Support for Strategic Analysis (SSA),” July, 7, 2011
- (f) DoD Instruction 8260.2, “Implementation of Data Collection, Development, and Management for Strategic Analyses,” January 21, 2003
- (g) Office of the Chairman of the Joint Chiefs of Staff, “DoD Dictionary of Military and Associated Terms,” as amended
- (h) Under Secretary of Defense for Acquisition, Technology, and Logistics Memorandum, “DoD MRP Implementation Guidance Memorandum,” February 20, 2009 ¹
- (i) DoD Manual 8910.01, Volume 1, “DoD Information Collections Manual: Procedures for DoD Internal Information Collections,” June 30, 2014
- (j) Deputy Secretary of Defense Memorandum, “Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment,” July 13, 2018

¹ This document is classified and not releasable to the public. Individuals may request access to this document from the Office of the Under Secretary of Defense for Acquisition, Technology, & Logistics, through the Heads of their OSD Components.

ENCLOSURE 2

RESPONSIBILITIES

1. USD(AT&L). The USD(AT&L) shall:

a. Oversee compliance with this Instruction.

b. Convene, as needed, and chair a flag officer and/or Senior Executive Service MRP SC to manage MRP activities. Representatives of the MRP SC are listed in Enclosure 5 of this Instruction.

c. Leverage the existing DoD Analytic Agenda products to assist in the timely development of the TMRs.

d. Develop and distribute a DoD MRP Implementation Guidance memorandum, in coordination with the Under Secretary of Defense for Policy (USD(P)) and the Chairman of the Joint Chiefs of Staff, by October 1 of every even-numbered calendar year.

e. Convene a DoD MRP conference every even-numbered calendar year (before the start of each MRP cycle) or as needed. The conference shall be used to review anticipated changes in DoD guidance and procedures that will affect the MRP and/or to resolve any MRP issues that may have been encountered in the previous cycle.

f. Initiate an off-year MRP as needed.

g. Collect and distribute to MRP participants, as appropriate, phased threat distributions (PTDs) and TMRs.

2. USD(P). The USD(P) shall identify both current-year and future-year scenarios, as well as forward presence and current operational demands for use in the MRP, in coordination with the Chairman of the Joint Chiefs of Staff and the Heads of the DoD Components no later than September 1 of every even-numbered calendar year, or as needed.

3. ASSISTANT SECRETARY OF DEFENSE FOR SPECIAL OPERATIONS AND LOW INTENSITY CONFLICT (ASD(SO/LIC)). The ASD(SO/LIC), under the authority, direction, and control of the USD(P), shall:

a. Perform and assist the USD(P) in executing the responsibilities in section 2 of this enclosure, for the execution of special operations (SO) and low-intensity conflict.

b. Review SO forces munitions requirements, programs, and budget. Provide any changes to the USD(AT&L), by November 15 of every odd-numbered calendar year.

4. DIRECTOR, COST ASSESSMENT AND PROGRAM EVALUATION (CAPE). The Director, CAPE shall:

- a. Ensure all relevant munitions issues identified and validated in the Munitions Assessments are reflected in the joint programming guidance.
- b. Review Military Services' program objective memorandum (POM) munitions programs to ensure they:
 - (1) Comply with References (c), (d), and (h).
 - (2) Are consistent with the DoD MRP process.
 - (3) Provide program balance among munitions, force structure, and modernization programs.
- c. Identify and document program review issues.
- d. Assist the Chairman of the Joint Chiefs of Staff in utilizing DoD Analytic Agenda products as the starting point for developing OY PTDs (i.e., as part of the scenarios, concept of operations, and integrated data developed in accordance with Reference (e)).
- e. Ensure that MRP products, data, and templates, including PTDs and Service TMRs, are available as appropriate in the DoD Analytic Agenda's joint data warehouse consistent with Reference (e). Appropriate data and templates will be maintained on CAPE's Joint Data Support Web Site on the Secret Internet Protocol Router Network at <https://jds.pae.osd.smil.mil>.

5. DIRECTOR, DEFENSE INTELLIGENCE AGENCY (DIA). The Director, DIA, under the authority, direction, and control of the USD(I), shall provide to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE, a Threat Report detailing the threat layout for the NY and OY based on plans and scenarios identified in Reference (h). These DIA assessments shall be the authoritative threat estimate for developing munitions requirements.

6. SECRETARIES OF THE MILITARY DEPARTMENTS. The Secretaries of the Military Departments shall:

- a. Review all products of the MRP, either through formal meetings or formal staffing.
- b. Ensure that the Military Services shall:

(1) Work directly with the Combatant Commanders and the DoD Components to develop NY and OY munitions requirements, pursuant to References (c), (d), and (h), using the submitted PTDs.

(2) Account for United States Special Operations Command (USSOCOM) needs in their munitions requirements submissions (include non-SO-unique munitions in the TMR submission and detail any related programmatic action).

(3) Develop one set of NY munitions requirements using “unconstrained” inventories and an additional set of NY munitions requirements using “constrained” inventories.

(4) Develop a set of OY munitions requirements using “unconstrained” inventories that identify the optimal mix of munitions to address the OY PTDs.

(5) Provide, by November 1 on odd-numbered years, NY and OY-unconstrained munitions requirements to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE.

(6) Provide, by January 1 on even-numbered years, NY-constrained munitions requirements to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE.

(7) Provide revised total munitions inventory projections to the Chairman of the Joint Chiefs of Staff and the USD(AT&L) 21 days after the POM is submitted.

c. Use the OY munitions requirements as input to POM munitions investments; in doing so balance the TMR, projected inventory, and affordability.

d. Conduct a two-phase (pre-POM and post-POM) Sufficiency Assessment that identifies the Military Services’ capability to address the threat assigned in the PTDs.

7. CHAIRMAN OF THE JOINT CHIEFS OF STAFF. The Chairman of the Joint Chiefs of Staff shall:

a. Review all products of the MRP, either through formal meetings or formal staffing.

b. In coordination with the USD(P) and other DoD Component Heads, develop policy guidance for the MRP pursuant to References (c) and (d).

c. Coordinate with USD(P), Secretaries of the Military Departments, and Combatant Commanders in defining current operations and forward presence requirements for USSOCOM and each Military Service.

d. Distribute the NY and OY munitions requirements to the appropriate Combatant Commands, the USD(AT&L), and other appropriate DoD MRP participants.

e. Review and approve, as appropriate, NY PTDs for inclusion in the Current Year Analytic Baselines consistent with Reference (e).

f. Collaborate with appropriate Combatant Commanders and Chiefs of the Military Services to develop OY PTDs.

g. Conduct a two-phase OY Munitions Assessment in coordination with the appropriate Combatant Commander(s) that assesses risk to warfighting success due to any differences between computed requirements and the programmed OY munitions inventories.

h. Provide Joint Requirements Oversight Council (JROC)-validated OY PTDs and TMRs to the Director, CAPE for use in the DoD Analytic Agenda, consistent with Reference (e).

8. COMMANDERS OF COMBATANT COMMANDS. The Commanders of the Combatant Commands shall:

a. Review all products of the MRP that affect their area of responsibility, either through formal meetings or formal staffing.

b. In accordance with References (c), (d), and (h), generate and submit to the USD(AT&L), through the Chairman of the Joint Chiefs of Staff, an NY PTD that allocates threats to each Military Service and allied force (where coalition allies are expected) in order to complete their assigned military mission.

c. Conduct an NY pre-POM Munitions Assessment in coordination with the Chairman of the Joint Chiefs of Staff that assesses risk to warfighting success based on the NY-constrained TMRs.

9. COMMANDER, USSOCOM (CDRUSSOCOM). The CDRUSSOCOM shall:

a. Refer to References (c), (d), and (h) for guidance in developing USSOCOM munitions procurement requirements.

b. Utilize DoD Analytic Agenda products as the starting point for developing the USSOCOM-specific TMR.

c. Provide munitions data to the USD(AT&L) and ASD(SO/LIC), through the Chairman of the Joint Chiefs of Staff, for submission and review, by November 1 of every odd-numbered calendar year.

d. Incorporate threats, if apportioned by the MSFDs into scenarios for modeling (as part of the Joint Mission Analysis Process), to determine munitions requirements for the Objective Force.

e. Provide USSOCOM Component Commands non-Major Force Program – 11, Service common munitions requirements, through the Chairman of the Joint Chiefs of Staff to the Chiefs of the corresponding Military Services for programmatic action and inclusion in the Military Service TMRs.

f. Balance the TMR, projected inventory, and affordability associated with USSOCOM's mission area. If another source is committed to some level of support, that support must be factored into procurement objectives.

g. Conduct two (pre-POM and post-POM) Sufficiency Assessments that identify USSOCOM's capability to execute major combat operations.

ENCLOSURE 3

PROCEDURES

1. IMPLEMENTATION GUIDANCE

a. The USD(P), with the Chairman of the Joint Chiefs of Staff, shall provide coordinated guidance, including at a minimum the scenarios and major assumptions to be used in the MRP, to USD(AT&L) no later than September 1 of every even-numbered calendar year, or as needed, to ensure the timely release of the Implementation Guidance memorandum.

b. The USD(AT&L) shall develop and distribute a DoD MRP Implementation Guidance memorandum by October 1 of every even-numbered calendar year. The guidance shall include any procedural changes, special interest areas, reporting requirements, and special instructions.

2. THREAT REPORT. The Director, DIA shall deliver to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE validated threat assessments based on Reference (h). The assessments shall be provided no later than January 1 of every odd-numbered calendar year to allow for the timely development of PTDs. Provide estimates of target reconstitution and regeneration rates as well as battle-damage assessment factors with the assessments.

3. PTDS

a. The Combatant Commands shall generate an NY PTD based on the Reference (h)-cited operational plan (OPLAN) and/or contingency plan (CONPLAN). The development of NY PTDs is based on theater-specific assumptions that allow each warfighting Combatant Command to assess Service component target allocations and risk mitigation.

(1) NY PTDs shall be coordinated with DoD Components through the Current Year Analytic Baseline process. NY PTDs shall address all required threats, whether serviced by the Combatant Commands or a supporting Combatant Command.

(2) Submit NY PTDs no later than March 1 of every odd-numbered calendar year to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE. Ensure that threats allocated to United States Strategic Command are noted as such in the Combatant Command PTD results.

(3) Combatant Commands will specify assumptions and allocation methodology associated with NY PTD development. The PTDs may include risk mitigation in determining threat allocations. An explanation and justification for each area of risk mitigation will be provided and shall specify the change in target quantities (within a category or target type). Risk mitigation factors are meant to ensure OPLAN success if major OPLAN assumptions prove unfavorable.

b. The Chairman of the Joint Chiefs of Staff shall collaborate with appropriate Combatant Commanders and Chiefs of the Military Services to develop OY PTDs utilizing DoD Analytic Agenda products as the starting point.

(1) OY PTDs will be based on mid-term defense planning scenarios (DPS) and multi service force deployments (MSFD), but may leverage appropriate Combatant Command NY PTDs for specific guidance when DPS and MSFD information is insufficient.

(2) OY PTDs shall consider risk mitigation (e.g., degraded use of air assets). The Chairman of the Joint Chiefs of Staff shall provide an explanation and justification for each area of risk mitigation and shall specify the change in target quantities (within a category or target type).

(3) The Chairman of the Joint Chiefs of Staff shall submit the OY PTDs to USD(AT&L) no later than May 1 of every odd-numbered calendar year for review and action by the Combatant Commanders, the Chiefs of the Military Services, Director, CAPE, and the USD(AT&L).

4. TMR

a. The TMR is comprised of the War Reserve Munitions Requirement (WRMR) and the Training and Testing Requirement. The WRMR is comprised of the Combat Requirement, Strategic Readiness Requirement, and the Current Operations/Forward Presence Requirement.

b. The MRP will produce several TMRs:

(1) The NY-unconstrained TMR provides insight to near-term funding issues entering the POM process and potential Service reprogramming prior to the Future Years Defense Program (FYDP) in question.

(2) The NY-constrained TMR provides a means to assess risk to an OPLAN or CONPLAN, assists in the prioritization of munitions pre-positioning and allocation issues, and gives insight to initial funding issues entering the POM process.

(3) The OY-unconstrained TMR represents the Military Services' and USSOCOM's munitions inventory objective at the end of the FYDP and informs the POM submissions.

(4) The OY-constrained TMR will be addressed via the Sufficiency and Munitions Assessments based on the differences between the OY-unconstrained requirement and the latest Military Service and USSOCOM inventory projections.

5. SUFFICIENCY ASSESSMENTS

a. The Military Services and USSOCOM shall deliver pre-POM Sufficiency Assessments by January 1 of every even-numbered calendar year to the Chairman of the Joint Chiefs of Staff, the USD(AT&L), and the Director, CAPE; post-POM assessments shall be submitted 21 days after POM submission to OSD.

b. Sufficiency Assessments shall be used to inform programmers and DoD leaders during POM deliberations.

c. Military Services may collaborate with appropriate Combatant Commands and the Joint Staff in developing the pre-POM and post-POM Sufficiency Assessments.

6. MUNITIONS ASSESSMENTS

a. The appropriate Combatant Commands shall conduct a pre-POM Munitions Assessment in coordination with the Chairman of the Joint Chiefs of Staff, that analyzes overall warfighting success based on the NY-constrained TMRs.

b. The Chairman of the Joint Chiefs of Staff shall conduct a two-phase Munitions Assessment on the OY TMRs, coordinating with the appropriate Combatant Commands. The Services' pre-POM and post-POM Sufficiency Assessments shall be used to assist the Chairman of the Joint Chiefs of Staff's Munitions Assessments.

c. The Chairman of the Joint Chiefs of Staff and appropriate Combatant Commands shall present the pre-POM Munitions Assessment to the Force Application Functional Capabilities Board (FA FCB) by February 1 of every even-numbered calendar year. This assessment phase will seek JROC validation of the OY PTDs and Service/USSOCOM TMRs and should present budgeting recommendations that mitigate significant or unacceptable risk in the POM.

d. The Chairman of the Joint Chiefs of Staff shall present the post-POM Munitions Assessment to the FA FCB as soon as practical after receipt of the Military Service and USSOCOM post-POM Sufficiency Assessment.

e. The Munitions Assessments should be used by the Military Services and OSD to make informed decisions during POM deliberations and the Planning, Programming, Budgeting, and Execution process. Issue Nominations or Change Requests will be submitted by the FA FCB if warranted.

ENCLOSURE 4

DoD MRP IMPLEMENTATION TIMELINE

Table. FY12 MRP CYCLE

Task	Responsibility	CY09		CY10												CY11																	
		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S							
1 DoD MRP Working Group Meeting	AT&L / Joint Staff	X																															
2 Guidance input to AT&L	USD(P) /Joint Staff	X																															
3 Issue Implementation Guidance Memo	USD(AT&L) / USD(P)		X																														
4 DIA Issues Threat Report (December 1st(draft)/January 1st)	DIA					X	X																										
5 Distribution of Threat Report before and after final release	Joint Staff					X	X																										
6 Near-Year PTD Distributed March 1st	CCDRs									X																							
7 Out-Year PTD Distributed May 1st	Joint Staff										X																						
8 Provide TMR to USD(AT&L) and ASD(SO/LIC&IC)	USSOCOM																									X							
9 Services Unconstrained Munitions Requirements November 1st	Military Departments																																
10 Distribution of Munitions Requirements	Joint Staff																									X							
11 Provide USSOCOM TMR changes to USD(AT&L) by November 15	ASD(SO/LIC&IC)																									X							
12 Constrained Requirements & Sufficiency Assessment (pre-POM)	Mil Depts/CCDRs																																
13 GDF POM 12 (January / February)	USD(P)																										X						
14 Munitions Assessment (pre-POM)	Joint Staff / CCDRs																									X							
15 JPG POM 12 (April / May)	DoD																										X						
16 Revised Service Inventories (21 days after August POM submit)	Military Departments																																
17 Sufficiency Assessment (post-POM) 21 Days after POM Submit	Mil Depts/CCDRs																																
18 Munitions Assessment (post-POM) to FA FCB (10 days after post-POM inventories submit)	Joint Staff / Mil Depts.																																

Guidance TR/PTD Munitions Requirements POM / Munitions Assessments

Note: - Actual Production dates may be adjusted to align with the latest PPBES schedule
 - All tasks occur biennially
 - Dates listed in this timeline are representative of the FY 12 POM cycle

Acronyms
 CCDRs Combatant Commanders

ENCLOSURE 5DoD MRP STEERING COMMITTEE AND WORKING GROUP ORGANIZATIONSFigure. DoD MRP Steering Committee and Working Group Organizations

<u>Organization</u>	<u>Office Designated by Head of Organization</u>
USD(AT&L)	OUSD(AT&L)/Acquisition & Technology/Portfolio Systems Acquisition/ Land Warfare & Munitions
USD(I)	DUSD (Policy, Requirements, & Resources)
DIA	Defense Intelligence Analysis Center, ISD/DWO-2 Strategic Plans and Assessments Division Defense Warning Office
USD(P)	OUSD(P) Policy Planning
Director, CAPE	Joint Data Support
Director, CAPE	Tactical Air Forces Division
Joint Staff/J-8	Force Application Division
Joint Staff/J-8	Warfighting Analysis Division
Joint Staff/J-4	Supply Division (Munitions)
Joint Technical Coordinating Group	Munitions Effectiveness
United States Pacific Command	J54 Strategic Plans Division
United States Forces Korea	J35 Plans Division
United States Central Command	CCJ8-AR Assessment Branch/J-4
USSOCOM	Center for Resources and Requirements-J8/Center for Acquisition and Logistics-J4
United States Air Force	A5RC Force Application Division
United States Army	Headquarters, Department of the Army, Deputy Chief of Staff G-3/5/7
United States Navy	Chief of Naval Operations N81 Assessments Division
United States Marine Corps	Marine Corps Combat Development Center, Capabilities Development Directorate, Logistics Integration Division

A current list of POCs and phone numbers will be maintained on the OSD (PA&E) Joint Data Support Web Site at <https://jds.pae.osd.smil.mil>.

GLOSSARY

PART I. ACRONYMS AND ABBREVIATIONS

ASD(SO/LIC)	Assistant Secretary of Defense for Special Operations and Low-Intensity Conflict
CAPE	Cost Assessment and Program Evaluation
CDRUSSOCOM	Commander, United States Special Operations Command
CONPLAN	contingency plan
DIA	Defense Intelligence Agency
DPS	defense planning scenario
FA FCB	Force Application Functional Capabilities Board
FYDP	Future Years Defense Program
JROC	Joint Requirements Oversight Council
MRP	Munitions Requirements Process
MRP SC	Munitions Requirements Process Steering Committee
MRP WG	Munitions Requirements Process Working Group
MSFD	multi service force deployments
NY	near-year
OPLAN	operational plan
OY	out-year
POM	program objective memorandum
PTD	phased threat distribution
SO	special operations
TMR	Total Munitions Requirement
USD(AT&L)	Under Secretary of Defense for Acquisition, Technology, and Logistics
USD(I)	Under Secretary of Defense for Intelligence
USD(P)	Under Secretary of Defense for Policy
USSOCOM	United States Special Operations Command
WRMR	War Reserve Munitions Requirement

PART II. DEFINITIONS

Unless otherwise noted, all terms and their definitions are for the purpose of this Instruction.

Combat Requirement. The quantity of munitions required to equip a specified force structure to perform its assigned military mission and to meet Combatant Command objectives, including munitions needed for risk mitigation.

concept of operations. Defined in Reference (g).

constrained requirements. The munitions requirement limited by projected inventory.

Current Operations/Forward Presence Requirement. The sum of the munitions required to arm forces to conduct current operations and meet forward presence obligations in accordance with Reference (c). Forward presence includes Global Naval Force Presence Policy and operations the President directs.

DoD Analytic Agenda. A DoD-wide agreement to make major, joint analysis efforts more efficient and relevant. The DoD Analytic Agenda package is comprised of defense planning scenarios, multi-Service force deployment documents, blue, green, and/or red concepts of operations, baselines, tools and methods, studies, and integrated data used by DoD Components as a foundation for strategic analysis in accordance with Reference (e).

force structure. Defined in Reference (g).

mid-term. The last year of the Future Years Defense Program.

modernization. Programmed improvements in the capabilities of forces, particularly in equipment and munitions.

munitions. Defined in Reference (g).

Munitions Assessment. Chairman of the Joint Chiefs of Staff and Combatant Command-generated assessment that addresses risk to the desired warfighting capabilities. Quantifies the risk to overall warfighting ability in the NY and OY.

NY. Period of time leading up to the start of the FYDP in question (e.g., for POM 10, the NY ends October 1, 2009).

optimal. The most favorable or desirable solution depending on factors involved.

OY. Last year of the FYDP in question (e.g., for POM 10, the FYDP is 2010-2015, and the OY is 2015).

phased threat distribution. The staged assignment of a portion of the enemy's total combat capability (e.g., forces, installations, and organizations) to DoD Component commands. The distribution is a percentage by type of target (e.g., tanks and fighters) by OPLAN phases.

readiness. Defined in Reference (g).

risk mitigation. The concept of deliberately duplicating target coverage among various units to defeat an unexpected disposition of enemy forces and manage other risks related to munitions inventories.

Strategic Readiness Requirement. The quantity of munitions needed to arm forces not committed to support combat operations in the assigned major combat operations, as well as those in the strategic reserve. Includes any additional munitions requirements generated from treaties or statutory obligations to allies.

Sufficiency Assessment. Military Service and USSOCOM-generated assessment for Military Services that identifies PTD targets not killed for each TMR submission. Also provides an overview of munitions requirement versus inventories through the FYDP, aggregated by target and threat capabilities as specified by USD(AT&L). For USSOCOM, identifies difference between inventory levels and requirements and the associated risk.

target reconstitution and regeneration rates. These rates consist of two estimates: the proportion of targets that could be repaired by the enemy after a successful attack and the average time to repair a target. These rates are a function of enemy capabilities and the various types of targets.

Threat Report. A collection of quantitative and qualitative assumptions, estimates, and facts about the threat specified in the implementation guidance that U.S. and allied forces may face during the NY and OY period. The report presents the DIA's estimate of enemy capabilities in three levels of detail, ranging from type and numbers of weapons to an analysis of expected trends in modernization of weaponry and force structure.

TMR. The sum of all munitions requirements, to include the sum of war reserve munitions requirement and training and testing requirement.

Training and Testing Requirement. The munitions required to train the force and support Military Department programs, ensuring that weapons and platforms deliver the intended effectiveness (can be stated as an annual requirement, an FYDP requirement, and/or projected life cycle of each munition). Surveillance, acceptance testing, and production losses of munitions items are accounted for in this category.

unconstrained requirement. The munitions requirement, not limited by projected inventory or funding. However, it may be limited by reasonable production capacity; weapon system capabilities (integration); and externally defined caps on procurement (outside the TMR provider).

WRMR. The sum of Combat Requirements, Strategic Readiness Requirements, and Current Operations/Forward Presence Requirements.