

ARC-45: TCMs provide intensive, centralized, total system management and integration of all DOTMLPF considerations.					As of: May 2011 2012 Working Copy			
Criteria	Criteria Guidelines	References	Required Documents	Applicability				Mandatory Comments
				CoE	School/College	TR NCOA	RC	

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<p>Criterion 45a: Organizational and system TCMs serve as the Army user representative and single POC for all capability development user activities for systems/capabilities assigned in accordance with the TCM charter.</p>	<p>45a(1): Provide intensive, centralized, total capability management and integration of all DOTMLPF considerations.</p>	<p>TR Reg 71-12, 1 March 2002.</p>						
	<p>45a(1)(a): Doctrine. Coordinate the development of doctrine and tactics, techniques and procedures from individual to collective, tracing back to the operational requirements and Warfighting Functional concepts.</p>	<p>2012 TRADOC System Management.</p>						
	<p>45a(1)(b): Training. Coordinate development of home station and institutional training for individual, crew and unit. Coordinate development and fielding of training aids, devices (system and non-system), simulations and simulators for use in training in the institution, home station, and Combat Training Centers.</p>	<p>AR 70-I. Army Acquisition Policy 31 Dec 03 effective 30 Jan 04 22 July 2011</p>						
	<p>45a(1)(c): Leader Development. Coordinate development of leader (NCO and Officer) training and development.</p>	<p>AR 71-9, Materiel Requirements, 28 Dec 09 Pg 23, para 3-1 i.</p>						
	<p>45a(1)(d): Organization. Coordinate development of basis of issue plans for assigned systems and associated ancillary equipment, including all aspects of logistical support. Coordinate development of force design updates and Tables of Organization and Equipment (TOEs) related to assigned systems.</p>	<p>Warfighting Capabilities Determination Pg 23, para 3-1 i. (replaced TRADOC PAM 71-9).</p>	X					
	<p>45a(1)(e): Materiel. Coordinate TRADOC position on system reviews, ensure requirement documents are updated as needed, ensure DOTMLPF and the logistics support system are in place for system testing and first unit equipped, and plan for system product improvements and recapitalization.</p>	<p>TRADOC Reg 71-20 23 Feb 2011 Concept Development, Capabilities Determination, and Capabilities Integration</p>						
	<p>45a(1)(f): Soldier. Identify and reconcile all Manpower and Personnel Integration (MANPRINT) issues, including safety. Coordinate development of new military occupational specialty (MOS), additional skills (AS) and appropriate career progression as needed.</p>							

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	<p>45a(2): Monitor and synchronize all aspects of total capability development, testing and evaluation, corrective actions, acquisition, materiel release, and fielding, to include direct interaction with the program/project/product managers (PMs) and materiel developers (MATDEVs) of the primary and ancillary system(s), test community, and the fielding/gaining commands.</p> <p>45a(1): Represent the user throughout the capability/system life cycle across all dimensions of DOTMLPF within their capability area including the Training Support Enterprise as required.</p> <p>45a(2): Provide intensive and centralized capability management for all assigned DOTMLPF capabilities.</p>							
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<p>Criterion 45b: Provide TRADOC senior leadership recommendation /input for all program reviews:</p> <p>45b: Integrate and synchronize the warfighting requirement</p>	<p>45b(1): Participate in MATDEV system concept analyses, program design reviews, cost performance trade-off and cost as an independent variable analyses and Preliminary Design Reviews (PDR), Critical Design Reviews (CDR), In-progress reviews (IPR), Program Management Reviews (PMR) and other system reviews as applicable by providing detailed warfighting capability impact of specific system characteristics.</p> <p>45b(1): Ensure all aspects of DOTMLPF are synchronized with the fielding of new systems</p>	<p>TR REG 71-12. AR 70-1. AR 71-9. TR 71-20</p>							X
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<u>domains of DOTMLPF for their chartered capability areas and programs.</u>	<u>and/or capabilities.</u> <u>45b(2): Review, and in some cases develop, staff, and gain approval, for capability documents and any other TRADOC DOTMLPF products as required. Coordinate with other TCMs, TPOs, CoEs, CDIDs, materiel developers and operational commands for the purpose of ensuring coordinated and integrated DOTMLPF products key to the TCM's or TPO's assigned capability areas.</u>							
Criterion 45c: Justify or validate system requirements at all levels of the Army, Department of Defense (DoD), and Congress, as directed. <u>Support Army force generation reset</u>	45c(1): In coordination with the proponent organization and/or non proponent organizations author, develop, manage, and refine system requirements in the ICD/CDD/CPD. <u>45c(1) Provide information on CoE developed DOTMLPF proposals and products to designated Warfighting organizations in order to enhance their unit capabilities.</u>	TR REG 71-12. AR 70-1. AR 71-9. <u>TR 71-20</u>		X				
<u>Criterion 45d: Support total package fielding</u>	<u>45d(1): As a part of unit set fielding, support total package fielding by managing a coordinated schedule of work for TRADOC schools and activities in support of system development and initial fielding.</u>	TR REG 71-12. AR 70-1. AR 71-9.						
<u>Criterion 45e: Identify and prioritize system</u>	<u>45e(1): Review and evaluate proposed actions and engineering change proposals of the project or program manager to ensure that</u>	TR REG 71-12. AR 70-1.						

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hardware and software deficiencies to the MATDEV for corrective action.	user requirements are adequately addressed.	AR 71-9.						
Criterion 45f: Provide for system improvements (Preplanned Product Improvements, System Enhancement Program, Service Life Extension Program, recapitalization efforts, etc.) in coordination with the proponent.	45f(1): Provide for system capability improvements through use of the identification of Science and Technology, Science and Technology Objectives, Advanced Technology Demonstrations, Advanced Concept Technology Demonstrations, and Concept Experimentation Programs for systems assigned to the TCM.	TR REG 71-12. AR 70-1. AR 71-9.						
Criterion 45g: TCM represents the warfighter by providing detailed user feedback to the concept, requirements and experimentation communities.	45g(1): Crosswalk and reconcile concept to ICD/CDD/CPD characteristics to the request for proposal (RFP) materiel specifications, ensuring the acquisition strategy meets user needs. 45g(2): Articulate system operational and organizational concepts associated with their system as a member of combined arms system of systems and joint environments. 45g(3): Provide user coordination to manpower estimates.	TR REG 71-12. AR 70-1. AR 71-9.						
Criterion 45hd: All TCMs review PM developed Sources Sought/RFI and RFP prior to industry release.	45hd(1): The Rreview of RFPs prior to PM industry release allows the TCMs to ensure the PM understands the requirements as written, interprets the meaning and application of the requirements correctly, and correctly relays the intent of the requirement/need to industry 45hd(2): The review of RFPs prior to PM industry release allows the TCMs to ensure the PM is correctly identifying the requirement performance attributes required by the warfighter. 45hd(3): The TCM conducts crosswalks and reconciles the concept to	TR 71-20 para 2-15. TR 71-12 (TSMForce Development) para 2-2--Annex A para 1.d AR 71-9 para 2-29c. DA Pam 70-3.	Documents that provide outcome of crosswalks and /or review of RFP. RFIs sources sought and any other associated documents.					

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	<p>the ICD/CDD/CPD characteristics to the RFP materiel specifications, ensuring the acquisition strategy meets user needs.</p> <p>45 h(4)(2): Capability Developers will, TCMs in coordination with the Materiel Developer, conduct a crosswalk of CDDs and CPDs (as applicable) to verify the accuracy and completeness of the user requirements to the RFP, the system specification and the statement of work.</p> <p>45h(5): The Capability Developer TCMs will formally certify that the RFP cross walked with the CDD and CPD prior to the overarching IPT or program review.</p>							
Criterion 45i Organizational TCMs serve as the Army Commander's representative to integrate requirements within assigned organization across DOTMLPF.	<p>45i(1): Integrate requirements for DOTMLPF integration and synchronization.</p> <p>45i(2): Facilitate integrated and synchronized fielding of capabilities</p> <p>45i(3): Coordinate TRADOC products developed by CoEs as they become available to enhance unit capabilities</p>							
Criterion 45j: Organizational TCMs maintain liaison with and assist assigned organizations.	<p>45j(1): Maintain TRADOC points of contact for assessing DOTMLPF for assigned organizations.</p> <p>45j(2) Provide TRADOC oversight and assistance across the DOTMLPF.</p> <p>45j(3): Coordinate with other COEs, TCMs, PMs, and PEOs to ensure organizations are properly manned, trained and equipped for future operations.</p>							
Criterion 45k: Organizational TCMs support and assist assigned organizations	<p>45k(1): Coordinate with BCT commanders, other TCMs, and program/project managers to facilitate new equipment/capabilities fielding or retro fit.</p>							

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with Army force generation reset.	<p>45k(2): Coordinate new doctrine, tactics, techniques, or procedures fielding.</p> <p>45k(3): Provide assistance to BCT forces and program managers in coordinating mobile training teams.</p>							

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