

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

<p>Criterion 45a: 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>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>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>45a(1)(c): Leader Development. Coordinate development of leader (NCO and Officer) training and development.</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>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>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 (ASI) and appropriate career progression as needed.</p>	<p>TR Reg 71-12, 1 March 2002. TRADOC System Management. AR 70-1. Army Acquisition Policy 31 Dec 03 effective 30 Jan 04. AR 71-9, Materiel Requirements, 28 Dec 09. Warfighting Capabilities Determination (replaced TRADOC PAM 71-9). Criteria 45a-45g, refer to system oriented TCMs. Criteria 45i-45k, refer to Organizational TCMs. Criteria 45h pertain to both. Review TCM charter.</p>		X				
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	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.							
Criterion 45b: Provide TRADOC senior leadership recommendation /input for all program reviews.	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.	TR REG 71-12. AR 70-1. AR 71-9.		X				
Criterion 45c: Justify or validate system requirements at all levels of the Army, Department of Defense (DoD), and Congress, as directed.	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.	TR REG 71-12. AR 70-1. AR 71-9.		X				
Criterion 45d: Support total package fielding	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.	TR REG 71-12. AR 70-1. AR 71-9.						
Criterion 45e: Identify and prioritize system hardware and software deficiencies to the MATDEV for corrective action.	45e(1): Review and evaluate proposed actions and engineering change proposals of the project or program manager to ensure that user requirements are adequately addressed.	TR REG 71-12. AR 70-1. AR 71-9.						
Criterion 45f: Provide for system improvements (Preplanned Product Improvements, System	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.						

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Enhancement Program, Service Life Extension Program, recapitalization efforts, etc.) in coordination with the proponent.								
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Criterion 45g: TCM represents the warfighter by providing detailed user feedback to the concept, requirements and experimentation communities.	<p>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.</p> <p>45g(2): Articulate system operational and organizational concepts associated with their system as a member of combined arms system of systems and joint environments.</p> <p>45g(3): Provide user coordination to manpower estimates.</p>	TR REG 71-12. AR 70-1. AR 71-9.					
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Criterion 45h: All TCMs review PM developed Sources Sought/RFI and RFP prior to industry release.	<p>45h(1): The review 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</p> <p>45h(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.</p> <p>45h(3): The TCM conducts crosswalks and reconciles the concept to the ICD/CDD/CPD characteristics to the RFP materiel specifications, ensuring the acquisition strategy meets user needs.</p> <p>45h(4): Capability Developers will, 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 will formally certify that the RFP cross walked with the CDD and CPD prior to the overarching IPT or</p>	TR 71-20 para 2-15. TR 71-12 (TSM) para 2-2. 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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	program review.							
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 BFSBs are properly, manned, trained and equipped for future operations.</p>							
Criterion 45k: Organizational TCMs support and assist assigned organizations with Army force generation reset.	<p>45k(1): Coordinate with BCT commanders, other TCMs, and program/project managers to facilitate new equipment/capabilities fielding or retro-fit.</p> <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>							