

GOV-8: Institution integrates the operational environment (OE) complexities into concepts, capabilities, and requirements processes.					As of: May 2011			
Criteria	Criteria Guidelines	References	Required Documents	Applicability				Mandatory Comments
				CoE	School/College	TR NCOA	RC	

Operational environments are a composite of the conditions, circumstances, and influences that affect the employment of capabilities and bear on the decisions of the commander (JP 3-0). The operational environment or OE is broken down into two subsets: (1) Contemporary operational environment (COE) and (2) the Joint (Future) operational environment (JOE) to address specific time periods for specific purposes. The JOE is a collective set of conditions that pose realistic and threat based challenges for concept and capabilities development; it is a collective term for the relevant aspects of current and future OEs and capabilities that exist or could exist in the foreseeable, mid-to-long term future (next 10-25 years). FM 3-0 (Operations) defines operational (environment) variables using eight categories: political, military, economic, social, information, infrastructure, physical environment, and time (PMESII-PT).

Criterion 8a (Concept Development) Projected complexities of the OE are integrated and drive concept development considerations and processes.(ARCIC-LOO)	8a(1): Interview concept developers to determine if they <u>understand</u> key factors of the OE and how they may interact to shape the future OE, and capture their impact on Army operations.	FM 3-0. JP 3-0. TR 71-20. JOE 2008. OE 2009-2025.	QAO Schedules of focus-group interviews, ICDs.	X				No understanding of the OE
	8a(2): Interview concept developers and review selected concepts and integrated concept development (ICDs) charters to determine how they <u>describe future OE</u> conditions (PMESII-PT) and adequately <u>address challenges</u> that drive concept development.	FM 3-0. JP 3-0. TR 71-20. JOE 2008. OE 2009-2025.	Concepts development documents & ICDs	X				OE not addressed in documentation
	8a(3): Interview concept developers and review selected concepts and integrated concept development (ICDs) charters to determine if presented OE conditions reflect <u>FSO</u> challenges across the spectrum of conflict.	FM 3-0. JP 3-0. TR 71-20. JOE 2008. OE 2009-2025.	Conc. Develop. documents & ICDs	X				OE not addressed in documentation
	8a(4): Interview concept developers and review documentation to determine if their concept development process <u>includes</u> TRADOC G2 participation as part of their integrated concept development teams (ICDT).	FM 3-0. JP 3-0. TR 71-20. JOE 2008. OE 2009-2025.	ICDT documentation	X				TRADOC G2 not part of process
Criterion 8b (Requirements Determination) Determination for requirements include considerations of projected and applied OE complexities.	8b(1): Interview threat managers and points of contact to determine if they <u>understand</u> and appropriately apply OE complexities and realize the challenges in changing dynamics.	TR 71-20. CJCSI-3170.01G. AR 381-11. TR 381-1 (D). JOE 2008. OE 2009-2025.	QAO Schedules of focus-group interviews	X				No design. Threat Mgr or POC.

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(ARCIC LOO)	8b(2): Interview threat managers and points of contact to determine if OE is promulgated and <u>implemented</u> within the CoE capability development integration directorate's (CDID) requirements determination process. . Interview threat mgrs/POCs, developers, and/or focus groups. Review of CBAs, AoAs, and JCIDS documentation. Compare requirement documentation with concept documentation. Review scenarios.	TR 71-20. CJCSI-3170.01G. AR 381-11. TR 381-1 (D). JOE 2008. OE 2009-2025.	Threat Mgr orders, CBAs, AoAs, JCIDS documentation	X				OE not addressed in documentation
	8b(3): Interview threat managers and points of contact to determine if OE complexities are <u>integrated on an ongoing</u> basis within capabilities based assessments (CBAs), analysis of alternatives (AoAs), and other analytical processes/efforts. Review of CBAs, AoAs, and JCIDS documentation.	TR 71-20. CJCSI-3170.01G. AR 381-11. TR 381-1 (D). JOE 2008. OE 2009-2025.	CBAs, AoAs, JCIDS documentation.	X				OE not addressed in documentation
	8b(4): Interview threat managers and points of contact, and review JCIDS documentation to determine if OE complexities are described in applicable <u>documentation IAW the JCIDS</u> process. Compare requirement documentation with concept documentation.	TR 71-20. CJCSI-3170.01G. AR381-11TR 381-1.	CBAs, AoAs, JCIDS documentation.	X				OE is not addressed at all
	8b(5): Compare requirement documentation with concept documentation to determine if OE variables and their application are consistent (not necessarily the same) with those of the concept development process.	TR 71-20. CJCSI-3170.01G. AR 381-11. TR 381-1 (D). JOE 2008. OE 2009-2025.	ICDs, CBAs, AoAs, JCIDS documentation.	X				Major differences noted
	8b(6): Interview threat managers or point of contacts, and review current scenarios to determine if the proponent uses a scenario from the TRADOC-approved <u>common scenarios</u> or approved derivative that fully represents the complexities of the OE and reflect a wide range of reasonable and feasible threats including hybrid threat variations, and that these scenarios are updated a minimum every two years.	TR 71-20. CJCSI-3170.01G. AR 381-11. TR 381-1 (D). JOE 2008. OE 2009-2025.	Scenarios	X				Un-validated threat or not updated every two years
Criterion 8c	8c(1): Interview threat managers or point of contacts, and integrators to	FM 3-0.		X				No designated Threat

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(Capabilities Integration) Capabilities continue to adapt to changing OE complexities throughout the integration process. (ARCIC LOO).	establish if they <u>understand</u> and have the ability to analyze OE complexities and determine their implications throughout the integration process.	JP 3-0. DoDI 5000.02. DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20. TR 381-1 (D).					Mgr or POC.	
	8c(2): Interview threat managers or point of contacts to determine if OE variables are <u>integrated</u> on an ongoing basis within system threat assessments reports (STARs), system threat assessments (STAs), test and evaluation master plan (TEMP), threat test support packages (TTSPs), and other analytical processes/efforts. Review STARs, STAs, TEMPs, TTSPs.	DoDI 5000.02 DIAD 5000.002 DIAI 5000.200 AR 381-11. TR 71-20. TR 381-1 (D).	STARs, STAs, TEMP, TTSPs	X				OE not addressed in documentation
	8c(3): Interview threat managers or point of contacts to determine if documentation is <u>updated</u> /modified as applicable and/or required based on changing OE conditions (STARs every two years minimum). Review randomly and selected documentation for OE updates.	DoDI 5000.02. DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20. TR 381-1 (D).	POI, lesson plans with OE	X				Not updated every two years
	8c(4): Interview threat managers or point of contacts to determine if the TRADOC G2 validated <u>threat</u> that is based on a defense planning scenario (DPS) and is updated as required (minimum every two years). Review threat replication documentation with TRADOC G2 T&E.	DoDI 5000.02. DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20. TR 381-1 (D).	POI, lesson plans with OE	X				Un-validated threat or not updated every two years
	8c(5): Interview threat managers/POCs and review current scenarios to determine if the proponent uses a scenario or derivative from the TRADOC approved <u>common scenarios</u> that fully represents the complexities of the OE and reflect a wide range of reasonable and feasible threats including hybrid threat variations in order to influence a desired outcome	DoDI 5000.02. DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20 TR 381-1 (D). CSF Directive.	POI, lesson plans with OE	X				Non-TRADOC approved scenarios are used
	8c(6): Interview threat managers or point of contacts to determine if threat	DoDI 5000.02.	POI, lesson plans	X				OE not addressed in

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	replication during operational testing (OT) incorporates applicable OE variables and encompasses <u>entire spectrum of conflict</u> when required.	DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20 TR 381-1 (D).	with OE					documentation
	8c(7): Interview threat managers or point of contacts to determine if the COE or school model and simulations (M&S) accurately replicate complexities of the OE and that their replication influences scenario based outcomes. Review OE replication in M&S or BCTC.	DoDI 5000.02. DIAD 5000.002. DIAI 5000.200. AR 381-11. TR 71-20. TR 381-1 (D).	Review Schools M&S	X				OE not addressed in documentation

Mandatory Comments. Record instances where the proponent:

- a. Has instituted a "best practice" for complying with this standard.
- b. Is using JOE or threat data that is outdated or not relevant.
- e. Is not incorporating JOE variables.

Required Documentation. Posted before visit. Documents to be posted to the QA SharePoint site prior to the TRADOC Accreditation Team visit:

- Analysis (individual) documentation
- Copy of the institution's Staff and Faculty Development Program and policy, to include evidence of COE training for staff and faculty
- Copy of institution's SOP

References (Army Regulations, COE Publications, Doctrine, and references):

- a. AR 381-11, Threat Intel Support to the Army
- b. TRADOC REG 381-1: Threat MGR 7 COE POC
- c. JP 3-0, Joint Operations (go to the Joint Electronic Library at URL: http://www.dtic.mil/doctrine/s_index.html)
- e. FM 3-0, Operations a. TRADOC G-2 White Paper, "The Operational Environment," (July 2009)**
- f. Common Scenario Framework (CSF) Directive