



## DEFENSE INFORMATION SYSTEMS AGENCY

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DISA INSTRUCTION 640-195-1\*

FEB 13 2013

### TEST AND EVALUATION

#### Operational Test Agency (OTA) Mission

1. **Purpose.** This Instruction prescribes policy and assigns responsibility for Operational Test Agency (OTA) mission.
2. **Applicability.** This Instruction applies to DISA.
3. **Authority.** This Instruction is published in accordance with the authority contained in DoD Directive 5105.19, Defense Information Systems Agency (DISA), 25 July 2006.
4. **References.**
  - 4.1 DoD Directive 5000.01, The Defense Acquisition System, 12 May 2003.
  - 4.2 DoD Instruction 5000.02, Operation of the Defense Acquisition System, *8 December 2008*.
5. **Definitions.**
  - 5.1 **Operational Assessment (OA).** An evaluation of operational effectiveness and operational suitability made by an independent operational test activity (OTA), with user support as required, on other than production systems. The focus of an OA is on significant trends noted in development efforts, programmatic voids, risk areas, adequacy of requirements, and the ability of the program to support adequate operational testing. An OA may be conducted at any time using technology demonstrators, prototypes, or Engineering Development Models (EDMs), but will not substitute for the initial operational test and evaluation (IOT&E) necessary to support Full Rate Production (FRP) decisions. An OA is normally conducted prior to, or in support of, Milestone C.
  - 5.2 **Operational Test Agency (OTA).** An organization that plans, directs, coordinates, and controls operational tests (OTs) for DoD agencies, activities and combatant commands. The Army Test and Evaluation Command, Navy Operational Test and Evaluation

Force, Air Force Operational Test and Evaluation Center, Marine Corps Operational Test and Evaluation Activity, and Joint Interoperability Test Command (JITC) are operational test agencies of DoD.

**5.3 Operational Test and Evaluation (OT&E).** Determines the operational effectiveness and suitability of a system under realistic operational conditions, including combat; determines if thresholds in the approved Capability Production Document (CPD) and critical operational issues have been satisfied; and assesses impacts to combat operations.

**6. Policy.** The Joint Interoperability Test Command (JITC) shall perform the OTA mission *in accordance with DoD Directive 5000.01 and DoD Instruction 5000.02 (references 4.1 and 4.2)*. The JITC will function as *an independent tester and evaluator for all DISA-managed programs and projects*, unless otherwise directed by the Milestone Decision Authority (MDA) *or the Decision Authority (DA) for projects*. The Commander, JITC, will report directly to *the Test and Evaluation Executive* on operational test and evaluation (OT&E) matters *and have the option to report the status of DISA ACAT 1A programs directly to the Director, DISA*.

## **7. Responsibilities.**

### **7.1 Commander, Joint Interoperability Test Command.**

The Commander, JITC, will:

7.1.1 *Serve as the OTA for all DISA programs and projects, unless otherwise determined by the MDA for programs or the DA for projects, and* conduct OT&E in accordance with the reference documents and applicable Director, Operational Test and Evaluation (DOT&E), memoranda.

7.1.2 Formulate procedures for the conduct of OT&E within DISA and approve OT&E plans and reports.

7.1.3 Coordinate directly with DOT&E and Commanders of Service OTAs, as required.

7.1.4 Co-chair the Test and Evaluation Working Integrated Product Teams (T&E WIPTs) for all programs for which JITC is designated the lead OTA.

7.1.5 Provide input to the appropriate sections of the Test and Evaluation Master Plan (TEMP) for all DISA programs.

7.1.6 Approve *TEMPS* and test plans for programs and projects for which JITC is the OTA.

7.1.7 Coordinate and advise program developmental test and evaluation (DT&E) components to ensure integrated test planning for early collection of operational test data.

7.1.8 Accredite all models, simulations, and instrumentation for use in OT&E for all programs for which JITC is designated the lead OTA.

7.1.9 Prepare an Operational Test and Evaluation Plan (OTEP) or an Operational Assessment Plan (OAP) that ensures T&E is adequate to determine operational effectiveness, suitability, *interoperability, and information assurance (IA)* for all programs for which JITC is designated the lead OTA.

7.1.10 Integrate interoperability certification and information assurance testing into Operational Assessments (OA) and OTEPs, to the extent possible.

7.1.11 Coordinate development of the *OTEP, Operational Test and Evaluation Report (OTER)*, and other equivalent testing documents with the *Program Manager (PM) or Project Leader (PL)*.

7.1.12 Provide preliminary test data to the *PM or PL and for oversight programs to DOT&E* to the extent that the delivery of data does not disrupt, compromise, or otherwise consume resources during ongoing test activities.

7.1.13 Prepare and coordinate an OTER or an Operational Assessment Report (OAR) that reports the adequacy and validity of the test data; provides an audit trail to the supporting data used to arrive at those conclusions; and, in an OTER, develops a conclusion as to operational effectiveness, suitability, *interoperability, and IA* of the capability for all programs for which JITC is designated the lead OTA.

8. ***Program Manager (PM), Project Leader (PL), Product Manager, and System Manager (SM) Duties.*** These individuals will:

8.1 Establish and co-chair a T&E WIPT composed of system developers, user representatives, and testers to optimize test expertise, facilities, and instrumentation; integrate test requirements; and resolve cost, performance, and scheduling problems.

8.2 Notify JITC, *in writing*, of upcoming programs with OT&E requirements *prior to* Milestone A.

8.3 Fund all activities associated with the development, execution, and reporting of the required operational testing for their programs.

8.4 Develop and coordinate the TEMP and developmental test plans.

8.5 Ensure all test data on the system or capability is provided to JITC *for evaluation and consideration*.

8.6 Ensure draft and final Joint Capabilities Integration and Development System (JCIDS) and related documents (i.e., Initial Capability Documents (ICDs), Capability Development Documents (CDDs), Capability Production Documents (CPDs), Information Support Plans (ISPs), Test and Evaluation Mater Plans (TEMPS), and other equivalent requirements and/or testing documents are provided to JITC.

9. **Resources.**

9.1 *Costs for operational tests conducted by JITC will be paid by the program or project.*

9.2 *Evaluations performed by JITC will be paid for by JITC.*

9.3 *DISA programs evaluated or tested by an OTA other than JITC will also require JITC evaluation. To ensure organizational independence, these evaluations will be funded by JITC.*

FOR THE DIRECTOR:



FREDERICK A. HENRY  
Brigadier General, USA  
Chief of Staff

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\*This Instruction cancels DISAI 640-195-1, 10 December 2008.

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Last Revision: 1 February 2013

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