

# Operational Test Readiness Review (OTRR)

The Operational Test Readiness Review (OTRR) is a multi-disciplined product and process assessment to ensure that the “production configuration” system can proceed into Initial Operational Test and Evaluation (IOT&E) with a high probability of successfully completing operational testing (OT). Operational Test and Evaluation (OT&E) is a high-visibility and expensive, culminating validation event. Successful performance during OT generally indicates that the system is suitable and effective for service introduction. The Full Rate Production Decision may hinge on this successful determination. In addition, report on all high and serious ESOH risks and safety technology requirements and verify any NEPA/E.O. 12114 analyses/documents and safety releases are completed as part of the OTRR.”

The understanding of available system performance to meet the Capability Production Document (CPD) is important to the OTRR. The OTRR is complete when the Service Acquisition Executive evaluates and determines materiel system readiness for IOT&E. Additional phases or periods of OT&E require additional OTRRs.

## OTRR Completion/Exit Criteria

The OTRR is considered complete when all requirements for certification of readiness for OT are complete. The Program Manager, with the concurrence of the Operational Test Agency (OTA), may tailor typical criteria listed below to determine readiness for OT.

- The Test and Evaluation Master Plan (TEMP) is current and approved.
- Developmental Test and Evaluation (DT&E) results indicate DT objectives and performance thresholds identified in the TEMP have been satisfied or are projected to meet system maturity for the ICD/CDD/CPD, as appropriate.
- All significant areas of risk have been identified and corrected, or mitigation plans are in place.
- DT&E data and reports have been provided to the OTA as required.
- Entrance criteria for OT identified in the TEMP have been satisfied.
- System operating, maintenance, and training documents have been provided to the OTA as required.
- Logistic support, including spares, repair parts, and support/ground support equipment, is available as documented. Any logistics support which will be used during OT&E, but will not be used with the system when fielded should be discussed. An example might be Contractor-provided depot level maintenance.

- The OT&E manning of the system is adequate in numbers, skill specialties, and experience level to simulate normal operating conditions.
- Training has been completed and is representative of that planned for users.
- All resources required to execute OT including instrumentation, simulators, targets, expendables, and funding, have been identified and are available.
- Models, simulators, and targets have been accredited for intended use.
- The system provided for OT&E, including software, is production representative. Differences, if any, between the system provided for test and the production configuration shall be addressed at the OTRR.
- Threat information (e.g., threat system characteristics and performance, electronic countermeasures, force levels, scenarios, and tactics), to include security classification, required for OT&E is available as required.
- The system is safe to use as planned in the concept of employment. All high and serious ESOH risks and safety technology requirements are reported. The Environmental, Safety, and Occupational Health (ESOH) program requirements have been satisfied. Any applicable munition, hazardous waste, etc. certifications are approved.
- System HSI issues have been identified
- All software is sufficiently mature and stable for service introduction. All software trouble reports are documented with appropriate impact analyses. There are no outstanding mission capability, safety, security, or other critical software issues.
- For programs with interoperability requirements (e.g., information exchange requirements in ICD/CDD/CPDs), appropriate authority has approved the ISP. JITC concurs that program interoperability demonstrated in development has progressed sufficiently for the phase of OT to be conducted.
- Approval of spectrum certification compliance and spectrum supportability has been obtained.

The OTRR assessment checklist is designed as a technical review preparation tool, and should be used as the primary guide for assessing risk during the review. This checklist is available via the Reference Tab in this course