

Test Resources – Guidance

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The program manager, in coordination with all T&E stakeholders, must identify and plan for all T&E resources needed to adequately support DT&E, OT&E, and LFT&E. The first step is to develop data requirements in the Developmental and Operational Evaluation Frameworks. From those data requirements, develop the resources needed at each stage of the program to generate the required data. Part IV of the TEMP should flow directly from the analyses and identify the test resources to conduct the tests described in Part III of the TEMP. At each TEMP update, the resource estimates should be updated based on information learned in previous test phases and other programmatic changes. (Reference, [DoDI 5000.02](#))

Best Practices

DOT&E will be particularly interested in the size of the test unit and threat force, the number of test articles, other operational force test support (personnel and equipment) (including provisions for baseline systems where appropriate to the evaluation strategy), test location and duration, OT-related modeling and simulation, ammunition, munitions, targets, and OT-related instrumentation (particularly instrumentation that requires separate developmental efforts).

[Scientific Test Analyses and Techniques \(STAT\)](#) should generate statistical measures of merit (power and confidence) on the relevant response variables ([mission focused metrics](#)). These statistical measures are important to understand how much testing is enough. DOT&E supports neither too little nor too much testing. The STAT should form the basis for the appropriate scope of testing.

Programs should follow the TEMP format and itemize the test resources of interest. Section 4.2.1 addresses Test Articles; Section 4.2.2 addresses Test Sites and so on. Programs may create separate tables to address each section of Part IV, or may consolidate all test resources into a single table as shown in the examples.

Examples

[Test Resources Example](#)

[Test Resources Aircraft Example Spreadsheet](#)

[Test Resources Space Observation Radar Example Spreadsheet](#)

[Test Resources Clean Spreadsheet](#)