Test and Evaluation Master Plan (TEMP)

for

Program Name

Date

Prepared by

Program Office

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**TEST AND EVALUATION MASTER PLAN**

**FOR**

PROGRAM TITLE/SYSTEM NAME

ACRONYM

**ACAT Level**

Program Elements

Xxxxx

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SUBMITTED BY

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Program Manager DATE

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Program Executive Officer DATE

or Developing Agency (if not under the Program Executive Officer structure)

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User's Representative DATE

DoD COMPONENT APPROVAL

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DoD Component Test and Evaluation Director DATE

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DoD Component Acquisition Executive (Acquisition Category I) DATE

Milestone Decision Authority (for less-than-Acquisition Category I)

Note: For Joint/Multi Service or Agency Programs, each Service or Defense Agency should provide a signature page for parallel staffing through its CAE or Director, and a separate page should be provided for OSD Approval

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OSD APPROVAL

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Deputy Assistant Secretary of Defense for Developmental DATE

Test and Evaluation

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Director, Operational Test and Evaluation DATE

**Guidance:** This new version ofthe DOT&E TEMP Guidebook complements the January 2015 version of DoD I 5000.02 by illustrating with selective guidance and examples how to develop . and document an adequate test and evaluation (T &E) strategy. The Program Manager will use the TEMP as the primary planning and management tool for all test activities starting at Milestone A. Best practices outlined in this TEMP Guidebook should be applied to all versions of the TEMP,including the Development Request for Proposal (RFP) TEMP.

The Program Manager will prepare and update the TEMP as needed and to support acquisition milestones or decision points. The TEMP should be specific to the program and tailored to meet program needs. Accordingly, the guidance in this guidebook, in DoDI 5000.02, and in the TEMP format guide are provided to assist in developing the appropriate TEMP format and content for each program. Strict or immediate adherence to the new TEMP format is not required. Use common sense to apply the guidance to fit your program. Evaluation of TEMP adequacy is based on the TEMP's content, not the format.

A TEMP is required by DoDI 5000.02 unless the MDA approves tailored documentation.

Ensure that the narrative in Part I is consistent with the schedule in Part II, the T&E strategy in Part III, and allocated resources in Part IV. This will require iterative coordination between sub-workgroups and the T&E WIPT

Ensure that the schedule in Part II is consistent with the narrative in Part I, the T&E strategy in Part III, and allocated resources in Part IV. This will require iterative coordination between sub-workgroups and the T&E WIPT.

Ensure that the T&E strategy in Part III is consistent with the narrative in Part I, the schedule in Part II, and allocated resources in Part IV. This will require iterative coordination between sub-workgroups and the T&E WIPT.

Ensure that the allocated resources in Part IV is consistent with the narrative in Part I, the schedule in Part II, and the T&E strategy in Part III. This will require iterative coordination between sub-workgroupsand the T&E WIPT.

**FOUO Guidance:** Determine whether FOUO is applicable per DoDM 5200.01, Volume 4, “DoD Information security Program: Controlled Unclassified Information (CUI),” February 24, 2012.

**FOUO Guidance Source:** http://dtic.mil/whs/directives/corres/pdf/523024p.pdf

**Instructions:** PEO-specific instructions will be added here.

**References:**

1. DOT&E TEMP Guidebook 3.0. 16 Nov 2015. <http://www.dote.osd.mil/tempguide/index.html>

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PART I - INTRODUCTION

## PURPOSE

Click here to enter text.

Guidance:

* State the purpose of the Test and Evaluation Master Plan (TEMP).
* Identify if this is an initial or updated TEMP.
* State the Milestone (or other) decision the TEMP supports.
* State if the program is listed on the DOT&E Oversight List or is an MDAP, MAIS, or USD(AT&L)-designated special interest program.

## MISSION DESCRIPTION

### Mission Overview

Click here to enter text.

Guidance:

* Summarize the mission need described in the program capability requirements documents in terms of the capability the system will provide to the Warfighter.
* Describe the mission to be accomplished by a unit that will be equipped with the system.
* Incorporate an Operational View (OV-1) of the system showing the intended operational environment.
* Include significant points from the Life Cycle Sustainment Plan, the Information Support Plan, and the Program Protection Plan.
* For business systems, include a summary of the business case analysis for the program.

### Concept of Operations

Click here to enter text.

Guidance: Reference all applicable Concepts of Operations and Concepts of Employment in describing the mission. Describe test implications.

**Additional Guidance:** CONOPS-

Guidance- http://www.dote.osd.mil/docs/TempGuide3/CONOPS\_Guidance\_3.0.pdf

Example**:** http://www.dote.osd.mil/docs/TempGuide3/CONOPS\_Example\_3.0.pdf

### Operational Users

Click here to enter text.

Guidance: Describe the intended users of the system, how they will employ the system, and any important characteristics of the operational users (e.g., experience level, training requirements, area of specialization, etc.).

SYSTEM DESCRIPTION

Click here to enter text.

 Guidance:

* Describe the system configuration.
* Identify key features and subsystems, both hardware and software (such as architecture, system and user interfaces, security levels, and reserves) for the planned increments within the Future Years Defense Program (FYDP).

**Additional Guidance:** Cybersecurity OT&E –

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example**-** <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

### Program Background

Click here to enter text.

 Guidance:

* Reference the Analysis of Alternatives (AoA), the APB, the Materiel Development Decision (MDD), and the last Milestone decision (incl ADM) to provide background information on the proposed system.
* Briefly describe the overarching Acquisition Strategy. Address whether the system will be procured using an incremental development strategy or a single step to full capability.
* If it is an evolutionary acquisition strategy, discuss planned upgrades, additional features, and expanded capabilities of follow-on increments. The main focus must be on the current increment with brief descriptions of the previous and follow-on increments to establish continuity between known increments.
* Describe the nomenclature used for increments, waves, releases, etc.

### Key Interfaces

Click here to enter text.

 Guidance:

* Identify interfaces with existing or planned systems’ architectures that are required for mission accomplishment.
* Address integration and modifications needed for commercial items. Include interoperability with existing and/or planned systems of other Department of Defense (DoD) Components, other Government agencies, or Allies.
* Provide a DoD Architectural Framework (DoDAF) that shows the different system interfaces, e.g., SV2, SV6, etc., from the CDD or CPD.

### Key Capabilities

Click here to enter text.

 Guidance:

* Identify the Key Performance Parameters (KPPs), Key System Attributes (KSAs), Critical Technical Parameters (CTPs), and additional important information for the system. For each listed parameter, provide the threshold and objective values from the CDD / CPD / Technical Document and reference the CDD / CPD / Technical Document paragraph.
* Identify Critical Operational Issues (COIs).
	+ COIs should identify key elements for operationally effectiveness, operationally suitability, and survivability; they represent a significant risk if not satisfactorily resolved.
	+ COIs should be few in number and reflect operational mission concerns. Existing documents such as capability requirements documents, Business Case Analysis, AoA, APB, warfighting doctrine, validated threat assessments, and CONOPS may provide useful insights in developing COIs.

### System Threat Assessment

Click here to enter text.

 Guidance: Describethe threat environment (to include cyber threats) in which the system will operate. Reference the appropriate Defense Intelligence Agency (DIA) or component-validated threat documents for the system.

**Additional Guidance-** Threat Representation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_System_Threat_Assessment_Example_3.0.pdf>

Cybersecurity OT&E

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example- <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

### Systems Engineering (SE) Requirements

Click here to enter text.

 Guidance:

* Describe SE-based information and activities that will be used to develop the test and evaluation plan. Examples include hardware [reliability growth](#ReliabilityGrowth) and software maturity growth strategies. Selected Technical Performance Measures (TPMs) from the SEP should be included to show desired performance growth at various test phases.
* Reference the SEP and ensure alignment to the TEMP.

**Additional Guidance-** Reliability Growth

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Reliability_Growth_Guidance_3.0.pdf>

### Special Test or Certification Requirements

Click here to enter text.

 Guidance:

* Identify unique system characteristics or support concepts that will generate special test, analysis, and evaluation requirements.
* Identify and describe all required certifications, e.g., security test and evaluation and Risk Management Framework (RMF), post-deployment software support, resistance to chemical, biological, nuclear, and radiological effects; resistance to countermeasures; resistance to reverse engineering/exploitation efforts (Anti-Tamper); development of new threat simulation, simulators, or targets.

**Additional Guidance-** Threat Representation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_Special_Test_or_Certification_Requirements_Example_3.0.pdf>

### Previous Testing

Click here to enter text.

 Guidance: Discuss the results of any previous tests that apply to, or have an effect on, the test strategy.

**Additional Guidance-** LFT&E Strategy

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/LFTE_Strategy_Guidance_3.0.pdf>

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# PART II – TEST PROGRAM MANAGEMENT AND SCHEDULE

## T&E MANAGEMENT

Click here to enter text.

Guidance: Discuss the test and evaluation roles and responsibilities of key personnel and organizations such as:

* Program Office
* Chief Developmental Tester
* Lead DT&E Organization
* Prime Contractor
* Lead OTA
* User representative

### T&E Organizational Construct

Click here to enter text.

Guidance:

* Identify the organizations or activities (such as the T&E Working-level Integrated Product Team (T&E WIPT) or Service equivalent, LFT&E IPT, etc.) in the T&E management structure, to include the sub-workgroups, such as a Modeling and Simulation; Survivability; Transportability; MANPRINT/Human System Integration; Environmental, Safety, and Occupational Health (ESOH); or [Reliability](#ReliabilityGrowth).
* Provide sufficient information to adequately understand the functional relationships.
* Reference the T&E WIPT charter that includes specific responsibilities and deliverable items for detailed explanation of T&E management. These items include TEMPs and Test Resource Plans (TRPs) that are produced collaboratively by member organizations.

**Additional Guidance-** LFT&E Strategy

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/LFTE_Strategy_Guidance_3.0.pdf>

## COMMON T&E DATABASE REQUIREMENTS

Click here to enter text.

Guidance:

* Describe the provisions for and methods of accessing, collecting, validating, and sharing data as it becomes available from contractor testing, Government Developmental Testing (DT), Operational Testing (OT), and oversight organizations, as well as supporting related activities that contribute or use test data.
* Describe how the pedigree of the data will be established and maintained. The pedigree of the data refers to understanding the configuration of the test asset, and the actual test conditions under which the data were obtained for each piece of data.
* Describe the data acquisition and management approach.
* State which organization will be responsible for maintaining the data. For a common T&E database, a single organization is preferred.
	+ In the case where multiple organizations require separate databases, briefly justify their requirement and describe how data will be synchronized among the databases and which database will be the data of record.
* Describe how users of test data will access the data. Describe any special permissions or authorizations needed. Describe if any special tools or software are needed to read and analyze the data.
* Reference a data dictionary or similar document that clearly describes the structure and format of the database

## DEFICIENCY REPORTING

Click here to enter text.

Guidance:

* Describe the processes for documenting and tracking deficiencies identified during system development and operational testing. Relate this to the Failure Reporting, Analysis, and Corrective Action System (FRACAS) in the SEP. Describe any deficiency rating system. Describe how the deficiency reporting database is different from the common T&E database, if appropriate.
* Describe how the information is accessed and shared across the program to include all applicable T&E organizations. The processes should address problems or deficiencies identified during both contractor and Government test activities. The processes should also include issues that have not been formally documented as a deficiency (e.g., watch items).

**Additional Guidance-** Defense Business Systems

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Defense_Business_Systems_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Defense_Business_Systems_Examples_3.0.pdf>

## TEMP UPDATES

Click here to enter text.

Guidance:

* Reference instructions for complying with DoDI 5000.02 required updates or identify exceptions to those procedures if determined necessary for more efficient administration of document.
* Provide procedures for keeping TEMP information current between updates. For a Joint or Multi-Service TEMP, identify references that will be followed or exceptions as necessary.

## Integrated Test Program Schedule.

Click here to enter text.

Guidance:

* Display (see Figure 2.1) the overall time sequencing of the major acquisition phases and milestones (as necessary, use the NSS-03-01 time sequencing). Include the test and evaluation major decision points, related activities, and planned cumulative funding expenditures by appropriation by year. Ensure sufficient time is allocated between significant test events to account for test-analyze-fix-test and correction of deficiencies, assessments, and reporting.
* Include event dates such as major decision points as defined in DoD Instruction 5000.02, e.g., developmental and operational assessments, preliminary and critical design reviews, test article availability; software version releases; appropriate phases of DT&E; LFT&E; Cybersecurity testing; Joint Interoperability Test Command (JITC) interoperability testing and certification date to support the MS C and Full-Rate Production (FRP) Decision Review (DR).
* Include significant Cybersecurity event sequencing, such as Interim Authorization to Test (IATT) and Authorization to Operate (ATO).
* Include operational test and evaluation; Low-Rate Initial Production (LRIP) deliveries; Initial Operational Capability (IOC); Full Operational Capability (FOC); and statutorily required reports such as the Live-Fire T&E Report and Beyond Low-Rate Initial Production (B-LRIP) Report.
* Provide a single schedule for multi-DoD Component or Joint and Capstone TEMPs showing all related DoD Component system event dates.

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Figure 2.1 SAMPLE Integrated Program Test Schedule

PART III – TEST AND EVALUATION STRATEGY AND IMPLEMENTATION

## T&E STRATEGY.

Click here to enter text.

Guidance:

* Introduce the program T&E strategy by briefly describing how it supports the acquisition strategy as described in Section 1.3.1.
* The discussions should focus on the testing for capabilities, and address testing of subsystems or components where they represent a significant risk to achieving a necessary capability.
* Describe the scientific approach to designing an efficient test program that will characterize system performance across the operational conditions anticipated to be encountered by users. Summarize with details referenced in the appropriate appendix.
* The strategy should address the conditions for integrating DT and OT tests.
* Evaluations shall include a comparison with current mission capabilities using existing data, so that measurable improvements can be determined.
	+ Describe the strategy for achieving this comparison and for ensuring data are retained and managed for future comparison results of evolutionary increments or future replacement capabilities.
	+ If such evaluation is considered costly relative to the benefits gained, the PM shall propose an alternative evaluation strategy.
* To present the program’s T&E strategy, briefly describe the relative emphasis on methodologies (e.g., [Modeling and Simulation](#DTMandS) (M&S), Measurement Facility (MF), Systems Integration Laboratory (SIL), Hardware-In-the-Loop Test (HILT), Installed System Test Facility (ISTF), Open Air Range (OAR), and Live, Virtual, and Constructive (LVC)).
* Describe the evaluation products.
	+ Describe how the products will be linked.
	+ Identify the organization that is providing the products and to whom they are being provided.
	+ Identify the decision being supported by the products.
	+ Ensure sufficient time is allocated for analysis of the products.

**Additional Guidance-** Integrated Testing

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Testing_Guidance_3.0.pdf>

### Decision Support Key

Click here to enter text.

Guidance: Connect key test events to the acquisition decisions they support. Describe the information required to support such decisions.

## DEVELOPMENTAL EVALUATION APPROACH

Click here to enter text.

Guidance:

* Describe the developmental evaluation approach that will be used to support technical, programmatic, and acquisition decisions.
* Identify how the government intends to evaluate the design and development of technologies, components, subsystems, systems, and systems of systems as applicable in order to assess programmatic and technical risk.
* Describe the integrated testing approach and how it will support the overall evaluation strategy.

### Developmental Evaluation Framework

Click here to enter text.

Guidance:

* Embed a Developmental Evaluation Framework (DEF) in the form of a table or spreadsheet. Describe the contents of the developmental evaluation framework, including descriptions of columns and the origin of information contained. Include instructions to the reader on the use of the table or spreadsheet and its contents.
* Arrange the table or spreadsheet to show time-phased, iterative test progression toward the achievement of performance goals and measures.
* Include elements (columns, rows, or cells) bearing the following essential information:
	+ Functional evaluation area. Categorical groupings of functional areas brought forward or derived from baseline documentation.
	+ Decision supported. The significant program decision points where data and information gathered during testing will be used to make decisions or give program direction.
	+ Decision support question. Key question related to performance, reliability, cybersecurity, or interoperability that when answered determines the outcome of an evaluation for the decision supported.
	+ Key system requirements and T&E measures (one or more fields of requirements identification and performance measurement).
	+ Technical requirements document reference.
	+ Description.
	+ Technical measures. CTP, TPM, Metrics.
	+ Method (technique, process, or verification method).
	+ Test Event.
	+ Resources. Brief reference may appear here.
	+ Cross-Reference. Used to refer to related requirements, capabilities, and line items to aid in requirements traceability, precedence, interdependency, and causality.

###  Test Methodology

Click here to enter text.

Guidance: For each capability and key functional area, address a test methodology that:

* Verifies achievement of critical technical parameters and the ability to achieve key performance parameters, and assess progress toward achievement of critical operational issues.
* Measures the system’s ability to achieve the thresholds prescribed in the capabilities documents.
* Provides data to the Program Manager to enable root cause determination and to identify corrective actions.
* Measures system functionality.
* Provides information for cost, performance, and schedule tradeoffs.
* Assesses system specification compliance.
* Identifies system capabilities, limitations, and deficiencies.
* Assesses system safety.
* Assesses compatibility with legacy systems.
* Stresses the system within the intended operationally relevant mission environment.
* Supports cybersecurity assessments and authorizations.
* Supports the interoperability certification process.
* Documents achievement of contractual technical performance and verifies incremental improvements and system corrective actions.
* Provides DT&E data to validate parameters in models and simulations.
* Assesses the maturity of the chosen integrated technologies.

### Modeling and Simulation (M&S)

Click here to enter text.

Guidance:

* Describe the key models and simulations and their intended use. Include the developmental test objectives to be addressed using M&S to include any approved operational test objectives.
* Identify who will perform M&S verification, validation, and accreditation.
* Identify data needed and the planned accreditation effort.
* Identify how the developmental test scenarios will be supplemented with M&S, including how M&S will be used to predict the Sustainment KPP and other sustainment considerations.
* Identify and describe LVC requirements.
* Identify developmental M&S resource requirements in Part IV.

### Test Limitations and Risks

Click here to enter text.

Guidance:

* Discuss any developmental test limitations that may significantly affect the evaluator's ability to draw conclusions about the maturity, capabilities, limitations, or readiness for dedicated operational testing.
* Address the impact of these limitations as well as resolution approaches.
* Discuss any known test risks at the time the TEMP is being written. These are risks that may prevent or delay the satisfactory execution of the test events. Any test risks that are included in the program-level risk management database should be included. Include a risk mitigation plan for the identified test risks.

**Additional Guidance-** Test Limitations

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_Guidance_3.0.pdf>

DT Examples- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_DT_Examples_3.0.pdf>

## Developmental Test Approach.

### Mission-Oriented Approach

Click here to enter text.

Guidance:

* Describe the approach to test the system performance in a mission context, i.e., how the system will actually be employed.
* Discuss how developmental testing will reflect the expected operational environment to help ensure developmental testing is planned to integrate with operational testing.
* Describe the use of actual user subjects to support human factors engineering assessments and NET development.

**Additional Guidance-** Integrated Testing

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Testing_Guidance_3.0.pdf>

### Developmental Test Events (Description, Scope, and Scenario) and Objectives

Click here to enter text.

Guidance:

* For each developmental test event shown in the schedule and the DEF, prepare a subparagraph that summarizes: Who is the lead test organization; the objectives of the test event, the test event’s schedule; other associated test events, location(s), etc.
* Summarize the planned objectives and state the methodology to test the system attributes defined by the applicable capability requirement document (CDD, CPD, CONOPS) and the CTPs that will be addressed during each phase of DT. Subparagraphs can be used to separate the discussion of each phase.
* For each DT phase, discuss the key test objectives to address both the contractor and Government developmental test concerns and their importance to achieving the exit criteria for the next major program decision point. If a contractor is not yet selected, include the developmental test issues addressed in the Request for Proposals (RFPs) or Statement of Work (SOW).
* Address measurable exit/entrance criteria for each major T&E phase and milestone decision points.
* Discuss how developmental testing will reflect the expected operational environment to help ensure developmental testing is planned to integrate with operational testing.
* Include key test objectives related to logistics testing.
* Summarize the developmental test events, test scenarios, and the test design concept.
* Quantify the testing sufficiently (e.g., number of test hours, test articles, test events, test firings) to allow a valid cost estimate to be created.
* Identify and explain how models and simulations, specific [threat systems](file:///C%3A/Users/1376860910E/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/NDF0UXMO/TEMP%20Format%2020151210%20%282%29.docx#ThreatRepresentation), surrogates, countermeasures, component, or subsystem testing, test beds, and prototypes will be used to determine whether or not developmental test objectives are achieved.
* Identify the DT&E reports required to support decision points/reviews and OT readiness.
* Address the system’s [reliability growth strategy](file:///C%3A/Users/1376860910E/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/NDF0UXMO/TEMP%20Format%2020151210%20%282%29.docx#ReliabilityGrowth), goals, and targets and how they support the Developmental Evaluation Framework. Detailed developmental test objectives should be addressed in the System Test Plans and detailed test plans (Provide specific details in Appendix F – Reliability Growth Plan).
* Discuss plans for interoperability and cybersecurity testing, including the use of cyber ranges for vulnerability and adversarial testing (Provide specific details in Appendix E – Cybersecurity).

**Additional Guidance-** Integrated Testing

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Testing_Guidance_3.0.pdf>

Software Algorithm Testing

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Software_Algorithm_Testing_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Software_Algorithm_Testing_Examples_3.0.pdf>

Reliability Growth

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Reliability_Growth_Guidance_3.0.pdf>

Cybersecurity OT&E

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example- <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

## CERTIFICATION FOR INITIAL OPERATIONAL TEST AND EVALUATION (IOT&E)

Click here to enter text.

Guidance:

* Explain how and when the system will be certified safe and ready for IOT&E.
* Explain who is responsible for certification and which decision reviews will be supported using the lead Service’s certification of safety and system materiel readiness process.
* List the DT&E information (i.e., reports, briefings, or summaries) that provides predictive analyses of expected system performance against specific COIs and the key system attributes – measures of effectiveness (MOE) and measures of suitability (MOS).
* Discuss the entry criteria for IOT&E and how the DT&E program will address those criteria.

**Additional Guidance-** IOT&E Entrance Criteria

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/IOTE_Entrance_Criteria_Guidance_3.0.pdf>

Examples- <http://www.dote.osd.mil/docs/TempGuide3/IOTE_Entrance_Criteria_Examples_3.0.pdf>

## OPERATIONAL EVALUATION APPROACH

Click here to enter text.

Guidance:

* Summarize the mission focused evaluation methodology and supporting test strategy, including the essential mission and system capabilities that contribute to operational effectiveness, suitability, and survivability.
* Summarize the operational test events, [key threat simulators and/or simulation(s) and targets to be employed](file:///C%3A/Users/1376860910E/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/NDF0UXMO/TEMP%20Format%2020151210%20%282%29.docx#ThreatRepresentation), and the type of representative personnel who will operate and maintain the system.
* Summarize integrated testing strategy to include:
	+ Developmental test data that will be used for operational evaluation.
	+ Conditions on data pedigree and test conduct to make data suitable for operational evaluation.

**Additional Guidance-** Mission Focused Evaluation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Mission_Focused_Evaluation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Mission_Focused_Evaluation_Examples_3.0.pdf>

Baseline Evaluation

Guidance with Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Baseline_Evaluation_Guidance_3.0.pdf>

End-to-End Operational Testing

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/End_to_End_Testing_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/End_to_End_Testing_Examples_3.0.pdf>

Integrated Testing

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Testing_Guidance_3.0.pdf>

Integrated Survivability Assessment

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Survivability_Assessment_Guidance_3.0.pdf>

Force Protection Evaluation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Force_Protection_and_Personnel_Casualties_Guidance_3.0.pdf>

Cybersecurity OT&E

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example- <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

### Operational Test Events and Objectives

Click here to enter text.

Guidance:

* Identify the key operational test objectives for each test event and test phase.
* Outline the approach for characterizing the COIs and important MOEs/MOSs across relevant operational conditions.

**Additional Guidance-** Realistic Operational Conditions

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Realistic_Operational_Conditions_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Realistic_Operational_Conditions_Examples_3.0.pdf>

OT of Software Intensive Systems

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/OT_of_Software_Intensive_Systems_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/OT_of_Software_Intensive_Systems_Example_3.0.pdf>

Cybersecurity OT&E

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example- <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

### Operational Evaluation Framework

Click here to enter text.

Guidance:

* The evaluation framework should identify and link:
	+ The goal of the operational test within a mission context.
	+ The mission-oriented response variables.
	+ The factors that affect those variables.
	+ The test designs for strategically varying the factors across the operational envelope.
	+ The required test resources.
* The evaluation framework should focus on the subset of mission-oriented measures critical for assessing operational effectiveness, suitability, and survivability.
* Use a systematic, rigorous, and structured approach to link major test events and phases to quantitatively evaluate system capabilities across relevant operational conditions.
* Describe the statistical test design strategy and corresponding statistical measures of merit (e.g., confidence and power).
* Identify planned sources of information (e.g., developmental testing, testing of related systems, modeling, simulation) that may be used to supplement operational test and evaluation.
* Describe the scope of the operational test by identifying the test mission scenarios and the resources that will be used to conduct the test.
* See DAG Chapter 9, paragraph 9.6.2.3 and the TEMP Guidebook for examples of an operational evaluation framework.

**Additional Guidance-** Operational Evaluation Framework

Guidance with Examples- <http://www.dote.osd.mil/docs/TempGuide3/Operational_Evaluation_Framework_Guidance_3.0.pdf>

Test Instrumentation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Instrumentation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Test_Instrumentation_Examples_3.0.pdf>

Software Evaluation

Guidance with Examples- <http://www.dote.osd.mil/docs/TempGuide3/Software_Evaluation_Guidance_3.0.pdf>

Mission Focused Metrics

Guidance with Examples- <http://www.dote.osd.mil/docs/TempGuide3/Mission_Focused_Metrics_Guidance_3.0.pdf>

Scientific Test and Analysis Techniques

Guidance with Examples- <http://www.dote.osd.mil/docs/TempGuide3/STAT_Guidance_3.0.pdf>

Production Representative Test Articles

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Production_Representative_Test_Articles_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Production_Representative_Test_Articles_Examples_3.0.pdf>

Test Resources

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Resources_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Test_Resources_Examples_3.0.pdf>

### Modeling and Simulation (M&S)

Click here to enter text.

Guidance:

* If described in either the DT&E or Live-fire sections, do not repeat. Just reference and hyperlink. Only discuss what is unique to OT&E.
* Describe the key models and simulations and their intended use.
* Include the operational test objectives to be addressed using M&S.
* Identify who will perform the M&S verification, validation, and accreditation.
* Identify data needed and the planned accreditation effort.
* Identify how the operational test scenarios will be supplemented with M&S.
* Identify operational M&S resource requirements in Part IV.

**Additional Guidance-** M&S for LFT&E

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/MandS_for_TandE_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/MandS_for_TandE_LFTE_Examples_3.0.pdf>

### Test Limitations

Click here to enter text.

Guidance:

* Discuss test limitations, including [threat realism](file:///C%3A/Users/1376860910E/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/NDF0UXMO/TEMP%20Format%2020151210%20%282%29.docx#ThreatRepresentation), resource availability, limited operational (military; climatic; Chemical, Biological, Nuclear, and Radiological (CBNR), etc.) environments, limited support environment, maturity of tested systems or subsystems, safety, that may impact the resolution of affected COIs.
* Describe measures taken to mitigate limitations.
* Indicate if any system contractor involvement or support is required, the nature of that support, and steps taken to ensure the impartiality of the contractor providing the support according to Title 10 U.S.C. §2399.
* Indicate the impact of test limitations on the ability to resolve COIs and the ability to formulate conclusions regarding operational effectiveness and operational suitability.
* Indicate the COIs affected in parentheses after each limitation.

**Additional Guidance-** Test Limitations

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_Guidance_3.0.pdf>

LFT&E Examples- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_LFT_Examples_3.0.pdf>

## LIVE-FIRE TEST AND EVALUATION APPROACH

Click here to enter text.

Guidance:

* If live-fire testing is required, describe the approach to evaluate the survivability/lethality of the system, and (for survivability LFT&E) personnel survivability of the system's occupants.
* Include a description of the overall live-fire evaluation strategy to influence the system design (as defined in Title 10 U.S.C. § 2366), critical live-fire evaluation issues, and major evaluation limitations.
* Discuss the management of the LFT&E program, to include the shot selection process, target resource availability, and schedule.
* Discuss a waiver, if appropriate, from full-up, system-level survivability testing, and the alternative strategy.

**Additional Guidance-** LFT&E Strategy

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/LFTE_Strategy_Guidance_3.0.pdf>

Integrated Survivability Assessment

Guidance and Best Practices- <http://www.dote.osd.mil/docs/TempGuide3/Integrated_Survivability_Assessment_Guidance_3.0.pdf>

Force Protection Evaluation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Force_Protection_and_Personnel_Casualties_Guidance_3.0.pdf>

### Live-Fire Test Objectives

Click here to enter text.

Guidance:

* State the key live-fire test objectives for realistic survivability or lethality testing of the system.
* Include a matrix that identifies all tests within the LFT&E strategy, their schedules, the issues they will address, and which planning documents will be submitted for DOT&E approval and which will be submitted for information and review only.
* Identify whether full-up, system-level testing will be conducted, or whether a waiver will be required from such testing. If a waiver will be required from full-up, system-level testing, describe the key features of the alternative LFT&E plan, including the planned levels of test realism to support the evaluation of survivability or lethality.
* Quantify the testing sufficiently (e.g., number of test hours, test articles, test events, test firings) to allow a valid cost estimate to be created.

### Modeling and Simulation (M&S)

Click here to enter text.

Guidance:

* Only discuss what is unique to live fire.
* Describe the key models and simulations and their intended use.
* If M&S is to be used for test planning, describe how M&S will be used as a basis for decisions regarding test scope or test conditions.
* If M&S is to be used for prediction of test results, identify which tests will have predictions based on M&S, and which models will be used for such predictions.
* If M&S is to be used for evaluation of critical LFT&E issues, summarize the degree of reliance on M&S, and identify any evaluation issues that will be addressed solely by M&S.
* Include the LFT&E test objectives to be addressed using M&S to include operational test objectives.
* Identify who will perform M&S verification, validation, and accreditation.
* Identify data needed and the planned accreditation effort.
* Identify how the test scenarios will be supplemented with M&S.
* Identify and describe LVC requirements.
* Identify M&S resource requirements in Part IV.

**Additional Guidance-** M&S for LFT&E

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/MandS_for_TandE_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/MandS_for_TandE_LFTE_Examples_3.0.pdf>

### Test Limitations

Click here to enter text.

Guidance:

* Discuss any test limitations that may significantly affect the ability to assess the system’s vulnerability and survivability.
* Also address the impact of these limitations, and resolution approaches.

**Additional Guidance-** Test Limitations

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_Guidance_3.0.pdf>

LFT&E Examples- <http://www.dote.osd.mil/docs/TempGuide3/Test_Limitations_LFT_Examples_3.0.pdf>

## OTHER CERTIFICATIONS

Click here to enter text.

Guidance: Identify key testing prerequisites and entrance criteria, such as required certifications (e.g., DoD Risk Management Framework (RMF), Authorization to Operate, Weapon Systems Explosive Safety Review Board (WSERB), flight certification, etc.).

## FUTURE TEST AND EVALUATION

Click here to enter text.

Guidance:

* Summarize all remaining significant T&E that has not been discussed yet, extending through the system life cycle.
	+ Significant T&E is that T&E requiring procurement of test assets or other unique test resources that need to be captured in the Resource section.
	+ Significant T&E can also be any additional questions or issues that need to be resolved for future decisions.
* Do not include any T&E in this section that has been previously discussed in this part of the TEMP.

# PART IV – RESOURCE SUMMARY

## INTRODUCTION

Click here to enter text.

Guidance:

* In this section, specify the resource elements, both Government and contractor, necessary to plan, execute, and evaluate a test event or test campaign.
* Resource elements include test articles, models, simulations, test facilities, manpower for test conduct and support, and other items that are described below.
* Resource estimates must be quantifiable and defensible, derived from STAT methodologies (identified in the evaluation framework and included in the STAT section or appendix), and where appropriate, based on test experience.
* Testing will be planned and conducted to take full advantage of existing DoD investment in ranges, facilities, and other resources wherever practical. Justify use of non-government facilities.
* Along with each resource element, include an estimate of element quantity, when the elements will be used (consistent with Figure 2.1 schedule), the organization responsible for providing them, and their cost estimate (if available).
* Include long-lead items for the next increment if known.
* Call out any shortfalls, their impact on planned T&E, and describe an appropriate mitigation.

**Additional Guidance-** Test Resources

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Resources_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Test_Resources_Examples_3.0.pdf>

Use of tables to more accurately convey information for each of the subparagraphs below is encouraged. See TEMP Guide for real-world TEMP examples.

## TEST RESOURCE SUMMARY

### Test Articles

Click here to enter text.

Guidance:

* Identify the actual number of and timing requirements for all test articles, including key support equipment and technical information required for testing in each phase of DT&E, LFT&E, and OT&E.
* If key subsystems (components, assemblies, subassemblies, or software modules) are to be tested individually, before being tested in the final system configuration, identify each subsystem in the TEMP and the quantity required. Specifically identify when prototype, engineering development, or [production models](file:///C%3A/Users/1376860910E/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/NDF0UXMO/TEMP%20Format%2020151210%20%282%29.docx#ProductionRepresentativeTestArticle) will be used.

**Additional Guidance-** Production Representative Test Articles

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Production_Representative_Test_Articles_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Production_Representative_Test_Articles_Examples_3.0.pdf>

### Test Sites

Click here to enter text.

Guidance:

* Identify the specific test ranges/facilities and schedule to be used for each type of testing.
* Compare the requirements for test ranges/facilities dictated by the scope and content of planned testing with existing and programmed test range/facility capability.
* Summarize the results of a cost-benefit analysis (CBA) in those cases where Government test facilities are not used.
* Test Facilities may include:
	+ Digital Modeling and Simulation Facility (DMSF).
	+ Measurement Facility (MF).
	+ System Integration Laboratory (SIL).
	+ Hardware-in-the-Loop (HWIL) Facility.
	+ Installed System Test Facility (ISTF).
	+ Open Air Ranges (OAR).
	+ Cyber Ranges.
	+ Distributed Live, Virtual, and Constructive (DLVC) Environments.
	+ Others as needed.

###  Test Instrumentation

Click here to enter text.

Guidance:

* Identify instrumentation that must be acquired or built specifically to conduct the planned test program.
* Identify the specific data classes that the instrumentation will capture and relate it to the DEF.
* Identify any special tools or software that analysts or evaluators will need to read the data from the instrumentation.

**Additional Guidance-** Test Instrumentation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Test_Instrumentation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Test_Instrumentation_Examples_3.0.pdf>

### Test Support Equipment

Click here to enter text.

Guidance:

* Identify test support equipment and schedule specifically required to conduct the test program. Anticipate all test locations that will require some form of test support equipment.
* This may include test measurement and diagnostic equipment, calibration equipment, frequency monitoring devices, software test drivers, emulators, or other test support devices that are not included under the instrumentation requirements.
* Identify special resources needed for data analysis and evaluation.

### Threat Representation

Click here to enter text.

Guidance:

* Identify the type (actual or surrogates, jammers, opposing forces, air defense systems, cyber), number, availability, fidelity requirements, and schedule for all representations of the threat (to include threat targets) to be used in testing.
* Include the quantities and types of units and systems required for each of the test phases. Appropriate threat command and control elements may be required and utilized in both live and virtual environments. The scope of the T&E event will determine final threat inventory.

**Additional Guidance-** Threat Representation

Guidance- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_Guidance_3.0.pdf>

Example- <http://www.dote.osd.mil/docs/TempGuide3/Threat_Representation_Special_Test_or_Certification_Requirements_Example_3.0.pdf>

Cybersecurity Resources

Guidance- [http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf](http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_OT%26E_Guidance_3.0.pdf)

Example- <http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity_TEMP_Body_Example_3.0.pdf>

### Test Targets and Expendables

Click here to enter text.

Guidance:

* Specify the type, number, availability, and schedule for all test targets (actual and surrogates) and expendables (e.g., targets, weapons, flares, pyrotechnics, chaff, sonobuoys, smoke generators, countermeasures) required for each phase of testing.
* Include threat targets for LFT&E lethality testing and threat munitions for vulnerability testing.

### Operational Force Test Support

Click here to enter text.

Guidance:

* Identify doctrinally representative systems and trained operators necessary to execute a test event.
* For each test and evaluation phase, specify the type and timing of aircraft flying hours, ship steaming days, and on-orbit satellite contacts/coverage, and other operational force support required.
* Include supported/supporting systems that the system under test must interoperate with if testing a system of systems or family of systems.
* Include size, location, and type of unit required.

###  Models, Simulations, and Test Beds

*Click here to enter text.*

Guidance:

* For each test and evaluation phase, specify the models, simulations, any hybrid tool (e.g., simulation over live system) and simulations to be used, including computer-driven simulation models and hardware-/software-in-the-loop test beds.
* Identify opportunities to simulate any of the required support.
* Include the resources required to verify, validate, and accredit the models, simulations, and hybrid tool usage.
* Identify the resources required to validate and accredit their usage, responsible agency, and time frame.

### Joint Operational Test Environment

Click here to enter text.

Guidance:

* Describe the live, virtual, or constructive components or assets necessary to create an acceptable environment to evaluate system performance against stated joint requirements.
* Describe how both DT and OT testing will utilize these assets and components.
* Describe distributed testing events. The Joint Mission Environment Test Capability (JMETC) should be considered as a resource for distributed testing.

### Special Requirements

Click here to enter text.

Guidance:

* Identify requirements and schedule for any necessary non-instrumentation capabilities and resources such as special data processing/databases, unique mapping/charting/ geodesy products, extreme physical environmental conditions, or restricted/special use air / sea / landscapes.
* Briefly list any items impacting the T&E strategy or Government test plans that must be put on contract or that are required by statute or regulation. These are typically derived from the JCIDS requirement (i.e., Programmatic Environment, Safety, and Occupational Health Evaluation (PESHE) or Environment, Safety, and Occupational Health (ESOH)).
* Identify frequency management and control requirements.
* Include key statements describing the top-level T&E activities the contractor is responsible for and the kinds of support that must be provided to Government testers.

## FEDERAL, STATE, AND LOCAL REQUIREMENTS

Click here to enter text.

Guidance:

* All T&E efforts must comply with federal, state, and local environmental regulations. Current permits and appropriate agency notifications will be maintained regarding all test efforts.
* Specify any National Environmental Policy Act documentation needed to address specific test activities that must be completed prior to testing and include any known issues that require mitigations to address significant environmental impacts.
* Describe how environmental compliance requirements will be met.

## MANPOWER / PERSONNEL AND TRAINING

Click here to enter text.

Guidance:

* Include T&E personnel numbers for the program office, lead DT&E organization, OTA, SME analysts, and other evaluators (e.g., JITC, DISA, cybersecurity assessment teams).
* Include contractor personnel and specify the kinds of support that they must provide to Government testers.
* Specify manpower/personnel and training requirements and limitations that affect test and evaluation execution.
* Identify how much training will be conducted with M&S.
* Identify TDY and travel costs.

## TEST FUNDING SUMMARY

Click here to enter text.

Guidance:

* Summarize cost of testing by fiscal year separated by major events or phases and within each Fiscal Year (FY) DT and OT dollars.
* When costs cannot be estimated, identify the date when the estimates will be derived.
* Funding should be aligned with the most current congressional budget justifications, e.g., R2s, R3s, TE-1s, etc.

**Additional Guidance-** Test Funding

Guidance- http://www.dote.osd.mil/docs/TempGuide3/Test\_Funding\_Guidance\_3.0.pdf

Example- http://www.dote.osd.mil/docs/TempGuide3/Test\_Funding\_Example\_3.0.pdf

Appendix A – Bibliography

Click here to enter text.

Guidance: This appendix is self-explanatory. No guidance or examples are provided.

Appendix B – Acronyms

Click here to enter text.

Guidance: This appendix is self-explanatory. No guidance or examples are provided.

Appendix C – Points of Contact

Click here to enter text.

Guidance: This appendix is self-explanatory. No guidance or examples are provided.

Appendix D – Scientific Test and Analysis Techniques

Click here to enter text.

Guidance: Appendix D is not required if the scope of the T&E strategy is fully explained and justified by scientific techniques in the body of the TEMP.

**Guidance**

* STAT Guidance- http://www.dote.osd.mil/docs/TempGuide3/STAT\_Guidance\_3.0.pdf
* DOE Guidance- http://www.dote.osd.mil/docs/TempGuide3/DOE\_0\_Guidance\_3.0.pdf
* Bayesian Guidance- http://www.dote.osd.mil/docs/TempGuide3/STAT\_Bayesian\_Guidance\_3.0.pdf

**Examples**

* STAT Common Designs- http://www.dote.osd.mil/docs/TempGuide3/STAT\_Common\_Designs\_3.0.pdf
* Observational Example- http://www.dote.osd.mil/docs/TempGuide3/STAT\_Observational\_Example\_3.0.pdf
* Basesian Example- http://www.dote.osd.mil/docs/TempGuide3/STAT\_Bayesian\_Example\_3.0.pdf

**DOE Examples**

* DOE TEMP Body Example- http://www.dote.osd.mil/docs/TempGuide3/DOE\_1\_Temp\_Body\_Example\_3.0.pdf
* DOE Appendix D Artillery Example- http://www.dote.osd.mil/docs/TempGuide3/DOE\_2\_Artillery\_Howitzer\_Example\_3.0.pdf
* DOE Appendix D Precision Guided Weapon Example- http://www.dote.osd.mil/docs/TempGuide3/DOE\_3\_Precision\_Guided\_Weapon\_Example\_3.0.pdf
* DOE Appendix D Software Intensive System Example- http://www.dote.osd.mil/docs/TempGuide3/DOE\_4\_Example\_for\_Software\_Intensive\_System\_3.0.pdf

Appendix E – Cybersecurity

Click here to enter text.

Guidance: Appendix E is not required if the cybersecurity strategy is fully explained in the body of the TEMP.

* Cybersecurity OT&E Guidance- http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_OT&E\_Guidance\_3.0.pdf
* Appendix E Example for Shipboard System- http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_Appendix\_E\_Shipboard\_Example\_3.0.pdf
* Appendix E Example for Command and Control System- http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_Appendix\_E\_Command\_and\_Control\_Example\_3.0.pdf
* Appendix E Example for Tactical Aircraft System- http://www.dote.osd.mil/docs/TempGuide3/Cybersecurity\_Appendix\_E\_Tactical\_Aircraft\_Example\_3.0.pdf

Appendix F – Reliability Growth Plan

Click here to enter text.

Guidance: Appendix F is not required if the reliability growth strategy is fully explained in the body of the TEMP.

**Guidance**

* Reliability Growth- http://www.dote.osd.mil/docs/TempGuide3/Reliability\_Growth\_Guidance\_3.0.pdf
* Reliability Growth for Ships- http://www.dote.osd.mil/docs/TempGuide3/Ship\_Reliability\_Growth\_Guidance\_3.0.pdf
* Reliability Test Planning- http://www.dote.osd.mil/docs/TempGuide3/Reliability\_Test\_Planning\_Guidance\_3.0.pdf

**Examples**

* Reliability Growth Example- http://www.dote.osd.mil/docs/TempGuide3/Reliability\_Growth\_Example\_3.0.pdf
* Software Reliability Tracking – Example- http://www.dote.osd.mil/docs/TempGuide3/Reliability\_Growth\_Software\_Reliability\_Tracking\_Example\_3.0.pdf
* New Ship Example- http://www.dote.osd.mil/docs/TempGuide3/Ship\_Reliability\_Growth\_New\_Ship\_Example\_3.0.pdf
* Mature Ship Example- http://www.dote.osd.mil/docs/TempGuide3/Ship\_Reliability\_Growth\_Mature\_Ship\_Example\_3.0.pdf

Appendix G – Requirements Rationale

Guidance: Appendix G is not required if the rationale for requirements is fully explained in reference documents or in the body of the TEMP.

* Requirements Rationale Guidance- http://www.dote.osd.mil/docs/TempGuide3/Requirements\_Rationale\_Guidance\_3.0.pdf