

# **RSA-MIL-STD-257**

## ***TEST AND EVALUATION MASTER PLAN (TEMP), PREPARATION OF***

### **SCOPE**

#### **1. Purpose of standard**

The purpose of this document is to standardise the preparation of test and evaluation master plans (TEMPS), in order to ensure the inclusion of essential information needed to describe the plan for all test and evaluation as part of a fully integrated engineering effort.

#### **2. Applicability**

This standard is applicable to all programmed or projects for which it is considered necessary to do test and evaluation management as part of the integrated engineering effort.

#### **3. Application guidance**

This standard provides detailed guidance on the specific areas to be addressed in a TEMP, as well as guidance on the specific information needed for these areas.

The TEMP is a key programme management document, the primary purpose of which is to describe the necessary development test and evaluation (DT & E) and operational test and evaluation (OT & E). The test and evaluation (T & E) effort relates system performance characteristics, technical risks, dependability, availability and operational and logistical considerations to major decision milestones. It should summarize the T& E accomplished to date and explain the relationship of the various simulations, subsystem tests, integrated system development tests and initial operational tests which, when analyzed in combination, provide confidence in the system's readiness to proceed into the next acquisition phase. The TEMP needs to address the T & E to be accomplished in each programme phase, with the next phase addressed in more detail. The TEMP is also used as a co-ordination document to outline each test and support organisation's role in the T & E programme and to identify test facilities and resources.

The TEMP needs to be derived from the systems engineering management plan (SEMP) and the system description in the TEMP must retraceable to the outputs of the systems engineering process.

The TEMP on programme level may be supported by TEMPs on lower levels. The relationship of the test and evaluation master plan, with respect to other T & E-related documentation and programme related plans, are delineated in figure 2 and Appendix A of this standard.

It is, however, not the intention of the TEMP to plan, control and outline OT & E to the same extend as for DT & E, as OT &E will be managed by the user.