DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
TEST PROCEDURE	DI-NDTI-80603

3. DESCRIPTION/PURPOSE

3.1 The test procedure identifies the step-by-step testing operations to be performed on items under going developmental, qualification, or acceptance testing. It identifies items to be tested, the test equipment and support required, the test conditions to be imposed, the parameters to be measured, and the pass/fail criteria against which the test results

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4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
880601	G/T2137		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.

7.2 This DID is applicable to contracts requiring tests to be performed for the purpose of developmental or environmental evaluation, acceptance testing, and item qualification testing.

7.3 This DID supersedes DI-T-5248 and DI-T-5301

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		G4428

10. PREPARATION INSTRUCTIONS

10.1 Format Requirements. The test procedure shall be in the contractor's format on 8 1/2 x 11 inch paper. It shall be bound in such a manner that pages may be removed or inserted without damage or mutilation.

10.2 Content requirements. The test procedure shall contain the following:

10.2.1 Front matter.

10.2.1.1 Cover and title page. The following information shall be included on the cover and title page:

a. Date of issue.
b. Revision date (If applicable).
c. Procedure document identification number.
d. Contract number.
e. Contractor's name and address.
f. Type of procedure, including purpose (e.g., first article test, developmental evaluation, qualification, environmental (specify), acceptance, or other).
g. Identification of the system, subsystem, or equipment to be tested.
h. Security classification (if applicable)

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11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release, distribution is unlimited.

Block 3. DESCRIPTION/PURPOSE

will be measured. The document is a compilation of individual test procedures for related elements of a system, subsystem, or equipment.

Block 10. PREPARATION INSTRUCTIONS (continued)

10.2.1.2 Record of changes. A record of change pages shall be included to provide for tracking of changes to the test procedures.

10.2.1.3 Table of contents. A table of contents is required when more than one test procedure is included in the test procedures document. It shall identify the page location of each procedure number, procedure title, and related equipment nomenclature.

10.2.2 Body of document. For each test procedure, the following information is required:

10.2.2.1 Procedure number. Each procedure shall have an unique number assigned to it.

10.2.2.2 Title of procedure. The title should relate to the purpose of the test.

10.2.2.3 Introduction. The following shall be addressed in the introduction:

10.2.2.3.1 Purpose of test. (As specified in the contract tasking document.)

10.2.2.3.2 System, subsystem, or equipment to be tested. The following identification information shall be provided:

a. Nomenclature
b. Model or part number.
c. Type of test item (prototype, production item, laboratory model, etc.)
d. Applicable specification.

10.2.2.3.3 Test requirements. Includes the following, each related to the prescribing contract requirement paragraph (specification, standard, plan, or work statement).

a. Required tests, and parameters to be measured.
b. Performance requirements, acceptance or compliance limits, and environmental criteria.

10.2.2.3.4 Referenced documents. A list by title, number, date, and source of those documents cited in the test procedure.

Block 10. PREPARATION INSTRUCTIONS

10.2.2.4 Required test equipment. Includes the following for each piece of test equipment required to perform the procedure:

a. Nomenclature.
b. Use of test equipment.
c. Model Number (if applicable).
d. Manufacturer (if mandatory).
e. Accuracy and calibration requirements.
f. Range or spectrum of measurements required.

10.2.2.5 Table of tests. This table lists each test performed under the procedure in the sequence it is to be performed, identified to the procedure paragraph and the related specification/contract requirement.

10.2.2.6 Step-by-step procedure. The following shall be included for each step of the test procedure:

a. Test set-up diagrams, including test equipment connections.
b. Input and output instrumentation points.
c. Test item operating limits and test conditions to be imposed.
d. Performance parameters to be measured.
e. Step-by-step operations to obtain the required data.
f. Caution and safety warnings as appropriate.

10.2.2.7 Data sheets. Data sheets shall be included with the procedure, or be separately attached at the end of all procedures. They shall provide for:

a. Identification of item tested, including model and serial numbers.
b. Recording of test measurements.
c. Identification of required or objective performance values, with tolerances.
d. Identification of applicable procedure paragraph.
e. Date of test.
f. Signature of technician or inspector performing the tests.

10.2.2.8 Support requirements. Any special support requirements would be included in this section, such as:

a. Use of special facilities or test ranges.
b. Personnel requirements (numbers, types, qualifications).
c. Unusual electrical, hydraulic, pneumatic, etc. requirements.
d. Support equipment requirements.