DATA ITEM DESCRIPTION

OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188).

1. TITLE

REPORTING RESULTS OF ELECTROSTATIC DISCHARGE (ESD) SENSITIVITY TESTS OF ELECTRICAL AND ELECTRONIC PARTS, ASSEMBLIES AND EQUIPMENT

2. IDENTIFICATION NUMBER

DI-RELI-80670A

3. DESCRIPTION/PURPOSE

3.1 This report documents the sensiitivity ofelectrical and electronic parts. assemblies and equipment to electrostatic discharge (ESD) specified by the tests of MI L- STD - 1686B Appendix A and Appendix C. This DID will be used to input part ESD sensitivity data into the Reliability Analysis Center (RAC) ESD Sensitive Items List (ESDSIL).

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
920828	SH		

7.1 This DID contains the format and content preparation instructions for ESD sensitivity test data resulting from, the work tasks described by 5.2.1.1(d), 5.3.1(c) and 5.3.2(c) of MI L- STD-1686B.

7.2 This DID applies to all contracts which require ESD resting and classification of electrical and electronic parts, assemblies and equipment.

7.3 This DID supersedes DI-RELI-80670

8. APPLICATION/INTERRELATIONSHIP	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		N6780

10. PREPARATION INSTRUCTIONS

10.1 Content Requirements The report shall include the following data:

a. Complete part/assembly/equipment part number
b. National stock number
c. Manufacturer
d. Part/assembly/equipment description and function
e. Data done as it appears or the parts only for date of manufact assembly/equipment,
f. Assembly/equipment military nomenclature if applicable
g. number tester
h. Test date month and test
i. Test agency
j. Description of test setup
k. Number of parts/assemblies/equipment failed
l. ESD voltage level at which damage occurred
m. Highest ESI test voltage passed by all pip combination (parts only)
n. Highest EST test voltage poassed by all inputs outputs, and interface connectio points/assembly equipment only.

10.1.1 The report shall include a description of critereria used it detect post stre failure.

10.2 Format. The report shall be in contractor format.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.