

DATA ITEM DESCRIPTION				Form Approved OMB No. 0704-0188 Exp. Date: Jun 30, 1981
1. TITLE PRODUCTION TEST PLAN		2. IDENTIFICATION NUMBER DI-MNTY-80173		
3. DESCRIPTION/PURPOSE The production test plan outlines the general flow of testable assemblies up to and including the final assembly(ies) procured on the contract. In addition, a brief technical description of each item of special (factory) test equipment, not provided as Government Furnished Material (GFM), is included.				
4. APPROVAL DATE (YYMMDD) 860529	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N/NAC 910/240		6a. DTIC REQUIRED	6b. GIDEP REQUIRED
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract. 7.2 The production test plan provides data to the Government procuring activity for technical analysis and cost effectiveness study. The test plan permits Government verification of adequate test capability to assure reliable products meeting all specification requirements at reasonable cost.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER N3857
10. PREPARATION INSTRUCTIONS 10.1 <u>Contract</u> . This data item is generated by the contract which contains a specific and discrete work task to develop this data product. 10.2 <u>Content and Format</u> . The production test plan should indicate the general test flow as shown in the example below. All testable parts or assemblies except those not requiring special (factory) test equipment, specialized commercial test equipment, or extensive commercial test equipment setups (e.g., resistors, capacitors, transistors, etc.) shall be indicated on the test plan.				
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;"> <p>TO PRECEDING ITEM TESTS</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center; flex-grow: 1;"> <p>ITEM DESCRIPTION AND PART NO.</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center; flex-grow: 1;"> <p>TEST (TITLE) TEST PROCEDURE # SPECIAL T.S. #</p> </div> <div style="text-align: center;"> <p>TO NEXT HIGHER ASSEMBLY</p> </div> </div> <div style="text-align: right; margin-top: -40px; margin-right: 50px;"> <p>MAXIMUM RATE (UNITS/ MONTH) OF TEST EQUIPMENT</p> </div>				
10.2.1 The production test flow diagram above shall have a drawing number assigned by the Government or by the contractor.				
10.2.2 The test flow diagram test block shall indicate the maximum rate in terms of testable assemblies per month that the test equipment is capable of providing. This rate shall be based on an 8-hour day, 5-day week, work basis. The rate shall include allowance for all testing and fault analysis as well as required test equipment calibration and estimated maintenance.				

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10. PREPARATION INSTRUCTIONS (Cont'd)

10.2.3 The first sheet of the test flow diagram shall indicate the maximum number of contracted assemblies which can be tested per month as limited by the total test equipment capability. This should be the same rate as the smallest number of units per month indicated in the test blocks of paragraph 10.2.2 above.

10.2.4 A brief technical description of all items of special (factory) test equipment shown on the test flow diagram shall be provided. This description is not included on the test flow diagram and a drawing number is not required. The technical description shall include, but is not limited to, a list of the items tested, general description of inputs and outputs, and a very brief theory of operation.