

DATA ITEM DESCRIPTION			Form Approved 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), Washington, DC 20503.				
1. TITLE Manufacturing Technology Report		2. IDENTIFICATION NUMBER DI-MISC-81176A		
3. DESCRIPTION/PURPOSE 3.1 The Manufacturing Technology Report details new or novel manufacturing methods, processes, and techniques in areas where the existing state-of-the-art does not meet military requirements.				
4. APPROVAL DATE (YYMMDD) 920227	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) A/MICOM	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
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 requirement as delineated in the contract. 7.2 This DID supersedes DI-MISC-81176.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER A6716
10. PREPARATION INSTRUCTIONS 10.1 <u>General</u> . The Manufacturing Technology Report shall be in one or more of the following forms, as specified in the contract: a. Interim report b. Pilot run report c. Final report 10.2 <u>Format</u> . The Manufacturing Methods Report format shall be contractor selected. Unless effective presentation would be degraded, the initially used format shall be used for all subsequent submissions. 10.3 <u>Content</u> . The Manufacturing Technology Report shall contain the following: 10.3.1 Material and process evaluations. (Continued on Page 2)				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

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Block 10, Preparation Instructions (Continued)

- 10.3.2 All process validations, to include methodologies.
- 10.3.3 All tests and the results, to include methodologies.
- 10.3.4 Equipment, material and process specifications.
- 10.3.5 Process flow diagrams and schematics.
- 10.3.6 Man loading.
- 10.3.7 Special handling techniques or requirements.
- 10.3.8 Drawings of unique tooling, fixtures, or equipment.
- 10.3.9 Quality control procedures.
- 10.3.10 Process cost analysis and end item(s) cost projections.
- 10.3.11 Cost to the Government, if any, of implementation, documentation, other recurring or nonrecurring costs.
- 10.3.12 Time required to implement the results of the Manufacturing Methods and Technology (MM&T) project into applicable facilities and production lines.
- 10.3.13 Identification of configuration end items and components to which the resulting technology would apply.
- 10.3.14 General survey of potential applications outside the contractor's facilities and products or production lines.
- 10.3.15 Analysis of the possible intended usage of special tooling equipment hardware or embedded computer software and modification and refurbishment cost.
- 10.3.16 Anticipated benefits for each configuration end item or group of end items for varying production rates.
- 10.3.17 Conclusions and recommendations.
- 10.3.18 Additional data necessary to provide a complete understanding and to support the narrative portion of the report. These data may include diagrams, graphs, photographs, sketches, illustrations, computer printouts, etc.