DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Producibility Analysis Report	DI-MGMT-80797

3. DESCRIPTION/PURPOSE

3.1 The Producibility Analysis Report identifies potentially high cost, high risk, and long lead-time items.
3.2 The report is used to determine whether the item can be produced economically to drawing and specification requirements and within the design to unit production cost goals.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
890322	A/MICOM		

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 is applicable during Producibility Engineering and Planning (PEP) and engineering in support of new items planned to enter production.

7.3 This DID supersedes DI-E-1123 and DI-P-1653.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		A4679

10. PREPARATION INSTRUCTIONS

10.1 General. The Producibility Analysis Report shall portray those design characteristics and material selections which are compatible with economic production methods.

10.2 Format. The Producibility Analysis Report format shall be contractor selected. Unless effective presentation would be degraded, the initially used format arrangement shall be used for all subsequent submissions.

10.3 Content. The Producibility Analysis Report shall contain the following:

a. Individual trade-off studies on:
   (1) Impact on program life-cycle cost
   (2) Effectiveness
   (3) Reproducibility schedules
   (4) Resource constraints
   (5) Reliability
   (6) Maintainability
   (7) Interchangeability
   (8) Inspectability

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11. DISTRIBUTION STATEMENT

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

Block 10, Preparation Instructions (Continued)

(9) Design To Cost (DTC) Goals
(10) Other factors impacting program objectives

b. Identification of candidate items for cost reduction through:
(1) Material changes
(2) Facility improvements
(3) Development of manufacturing technology
(4) Redesign of special purpose tooling and equipment
(5) Changes to improve procedures
(6) Redesign of production hardware

c. Marked-up or redrawn drawings and changes to any other technical documents to indicate recommended changes to the item.