SPECIAL DESIGN RECOMMENDATION DATA

APPENDIX I

1.0 SCOPE - This appendix describes the method of preparation and procedures associated with the Seller's recommendations for Special Design Containers.

2.0 PURPOSE - Special Design Container Recommendation Data (SDCRD) represents firm recommendations to be used in the packaging of specific production or support system hardware moving under control of the Buyer. The primary purpose of this appendix is to provide sufficient engineering data for review of the Seller's description of an item requiring specialized packaging together with his recommendation for development or procurement.

3.0 REQUIREMENTS - The data submitted will include a technical description in narrative form and be supported by an engineering drawing. Data format will be as described in Figures 1 and 2.

3.1 Functional Analysis - In this section the Seller shall give, in technical terms and in sufficient detail, a precise description of the following:

(a) A drawing showing the item mounted on or in the proposed container, fixture, or equipment; the location and types of supporting or attaching points or fittings; the allowable loads for each fitting, gross weight, and dimensional data.

(b) The total weight and location of the center of gravity of the item to be transported or the reaction (load) at each supporting point when loaded.

(c) Fragility rating of item to be shipped in terms of allowable acceleration and pulse time, allowable amplitude-frequency envelopes for both short and extended periods.

(d) Any requirements for positioning, restraining or supporting components of the item being transported or requirements for tie-down of complete item, with description of features provided on the item to facilitate these functions.

(e) Limits on the attitude of the item during transportation.

(f) Requirements for support of system elements which require heating, cooling, or energizing during transit.

(g) Data defining interfaces with equipment performing other or related functions such as loading, unloading, hoisting, testing, etc., while item is mounted in its container, fixture, etc.

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