DATA ITEM DESCRIPTION
Title: DETAIL OR INTERMEDIATE ACTUAL WEIGHT AND BALANCE REPORT – MASS PROPERTIES DATA FOR MISSILES

Number: DI-SESS-81112B
AMSC Number: N10080
DTIC Applicable: N/A
Preparing Activity: AS
Applicable Forms: N/A

Approval Date: 20190828
Limitation: N/A
GIDEP Applicable: N/A
Project Number: SESS-2019-042

Use/Relationship: Weight and Balance Reports are required to provide for control and management of mass characteristics and to ensure minimal mass properties variations

This Data Item Description (DID) contains the format, content, and intended use information for the data deliverable resulting from the work task described in the contract.

This DID supersedes DI-GDRQ-81112A.

Requirements:

1. Reference Documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. Format. The report shall be in contractor's format.

3. Content. Detail or Intermediate Actual Weight and Balance Report shall be in accordance with the requirements of Society of Allied Weight Engineers (SAWE) Recommended Practice (R.P.) No. 9. Copies of S.A.W.E documents are from the Society of Allied Weight Engineers, Inc., 375 Redondo Ave., Unit # 624, Long Beach, CA, 90814.

3.1 The weight statements in SAWE R.P. No. 10, Parts I and II, shall be used for the Detail Report; and the weight statement in SAWE R.P. No. 10, Part I, shall be used for the Intermediate Report.

3.2 This report shall contain the maximum and minimum weights and moments, with tolerances, for each section, that must be held in order to achieve the desired weight and center of gravity of the assembled missile.

3.3 The report shall also contain data to show the weight and balance impact of the complete missile installation on the specified launching aircraft. These data shall be in detail such that the Government can identify the individual electronic units, launching equipment, etc., as well as derive the gross weights for the missile carrying condition(s).

End of DI-SESS-81112B