

Data Item Description

1. IDENTIFICATION NUMBER. DI-SAFT-80103B

2. TITLE. Engineering Change Proposal System Safety Report (ECPSSR)

3. DESCRIPTION/PURPOSE.

3.1 This ECPSSR can be used to summarize results of analyses, tests and tradeoff studies conducted on proposed engineering design changes throughout the system life cycle.

4. APPROVAL DATE. 950731

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR). F/AFMC-SE

6. a. DTIC APPLICABLE. . b. GIDEP APPLICABLE.

7. APPLICATION/INTERRELATIONSHIP.

7.1 This Data Item Description (DID) contains the content and format preparation instructions for that data generated by the specific and discrete task requirements as delineated in the contract.

7.2 Data Items which relate to this DID are DI-SAFT-80101B, System Safety Hazard Analysis Report; DI-SAFT-80102B, Safety Assessment Report; DI-SAFT-80104B, Waiver or Deviation System Safety Report; DI-SAFT-80105B, System Safety Program Progress Report; and DI-SAFT-80106B, Health Hazard Assessment Report.

7.3 This DID supersedes DI-SAFT-80103A.

8. APPROVAL LIMITATION. .

9. a. APPLICABLE FORMS. b. AMSC NUMBER. F-7140

10. PREPARATION INSTRUCTIONS.

10.1 Source Document. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments and revisions, shall be as reflected in the contract.

10.2 Contents. The ECPSSR shall include the following information resulting from a review of each ECP. When it is determined that there are no hazards, a description of the analysis process and factors which allowed this conclusion shall be included.

- a. A list, in narrative or tabular form, of all hazards associated with the ECP. This includes all new hazards as well as hazards that were previously identified and were eliminated or controlled, and are affected by this ECP (ie. their risk has been reduced or increased).
- b. A risk assessment of these hazards. This shall include a pre-ECP and post-ECP assessment with severity and probability of occurrence.
- c. The safety impact of the ECP upon the existing system.
- d. An historical system safety summary as it relates to the ECP and reason for ECP.
- e. An identification of any update(s) of existing hazard analyses required to incorporate the effect(s) of the engineering change if the change is authorized.

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