Downloaded from http://www.everyspec.com

DATA ITEM DESCRIPTION

Title: LOGISTICS COMPOSITE MODEL ANALYSIS TOOLKIT (LCOM ATK) STUDY

Number: DI-PSSS-82054
AMSC Number: F9685
DTIC Applicable: No
Preparing Activity: 11 (AFLCMC/EZJS)
Applicable Forms: N/A

Approved Date: 20160720
Limitation: None
GIDEP Applicable: No
Project Number: PSSS-2016-003

Use/Relationship: The Logistics Composite Model Analysis Toolkit (LCOM ATK) Study describes a full weapon system in terms of component reliabilities, maintenance tasks, manpower, spare parts, support equipment, facilities, and flying schedule. When this study is used in a Monte-Carlo simulation, it provides a means to run trade studies on manpower, sparing, or component reliabilities, and to determine their impact on fleet availability and ability to meet sortie requirements. The LCOM ATK is developed and managed by the Air Force Life Cycle Management Center (AFLCMC) engineering home office (AFLCMC/EZJS) at Wright-Patterson AFB.

a. The purpose of this Data Item Description (DID) is to develop and deliver an LCOM ATK model study.

b. This DID contains the format, content, and intended use information for the data deliverable resulting from the work task described in the solicitation.

c. This DID is used in conjunction with DI-PSSS-82055, *Logistics Composite Model Analysis Toolkit (LCOM ATK) Study Input Plan*.

(Copies of this document are available online at http://quicksearch.dla.mil.)

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 files which comprise the LCOM model shall be in LCOM ATK native format. All files required to run and operate the model shall be delivered electronically in a government-readable container format (i.e., *.zip).

3. Content. The LCOM ATK shall contain the following:

   a. Database (.dat file).

   b. Spec Records (.spc).

   c. Change Card(s) (.chg).

   d. Seeds files (.sds).

DISTRIBUTION STATEMENT A. Approved for public release. Distribution is unlimited.

Downloaded from http://www.everyspec.com

e. Output files:
   (1) Merged PSR (.pmg),
   (2) Merged Attribute (.amg),
   (3) Merged Depot (.dmg),
   (4) Merged Time (.tmg),
   (5) Merged Hit Matrix (.hmg).
f. Other applicable files as required.

End of DI-PSSS-82054