

DATA ITEM DESCRIPTION

Title: OBJECTIVES AND MEDIA ANALYSIS REPORT (OMAR)

Number: DI-PSSS-80569A

Approved Date: 20140619

AMSC Number: F9480

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: No

Office of Primary Responsibility: 11 (AFLCMC/EZJS)

Applicable Forms: N/A

Use/Relationship: The Objectives and Media Analysis Report (OMAR) documents all training objectives, media/method allocations to objectives, and rationale for selection of instructional strategies, methods, and media for an Aircrew Training System (ATS). The OMAR is used to establish trainee performance baselines and the ATS allocated baselines for course syllabi development.

- a. This Data Item Description (DID) contains the format and content preparation instructions for the OMAR data product generated by the specific and discrete task requirement for this data included in the contract.
- b. This DID is applicable to all ATS acquisition programs, including programs where an ATS is an element of the total system being acquired.
- c. This is Revision A to previous DID in Area ILSS which has been replaced by Area PSSS. This DID supersedes DI-ILSS-80569.

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 solicitation or contract.
2. General. The OMAR establishes the training objectives and allocation of objectives to media for each type of aircrew and ground personnel to be trained in the ATS. Training objectives include a statement of the behavior, condition, and standard of performance for each critical training task. The OMAR also includes test criteria to rate the acceptability of trainee performance to the objective's standard.
3. Content and format. The format for the OMAR is outlined in 3.1 through 3.4 below, along with a description of the material to be contained in each section.
 - 3.1 Section 1: Objectives and objective hierarchies. This section shall contain the training objectives and shall describe the continuous progression of training for each qualification level in the trainee's continuum of training. It shall also depict the hierarchical relationship(s) among objectives.
 - 3.1.1 Training objectives. This subsection of Section 1 shall contain a list of training objectives for each type aircrew and ground personnel to be trained in the ATS. Objectives describe the full range of task proficiencies, skills, and knowledge to be mastered by the trainee to achieve a specified qualification level. Enabling, terminal, and supporting objectives describe the job behavior, conditions of performance, test criterion, and standards

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of performance. Standards describe quantitative variables of job performance and include variables of time, speed, timing, accuracy, error rates, safety considerations, process specification, achieved result/outcome, and desired characteristics of the product produced.

3.1.2 Objective hierarchies and flow diagrams. This subsection of Section 1 shall depict objective hierarchies using tree/flow diagrams to describe the superordinate, subordinate, and sequential relationship(s) among objectives. Each hierarchy shall begin with the entry level training requirements.

3.2 Section 2: Criterion tests. This section shall contain the criterion referenced test(s) for the objective(s) identified in Section 1. The criterion tests are used to observe/measure and rate/score trainee performance against the objective's standard of performance. The standard of evaluation for job performance and qualification shall be derived from the criterion tests.

3.3 Section 3: Media analysis. This section shall document the results of the media selection and allocation process and shall describe primary and alternate media and/or methods to satisfy each training objective.

3.3.1 Media selection/allocation process. This subsection of Section 3 shall describe the methods, models, and procedures used to select and allocate candidate media, methods, and instructional strategies to training objectives. It shall include narrative description and flow diagrams that depict this process. Variables and selection criteria used to establish optimum mixes and allocations of media/methods shall be described.

3.3.2 Media/method candidates. This subsection of Section 3 shall describe the candidate media, methods, and instructional strategies considered for use in the ATS. It shall include a description of the overall instructional approach and concept of training for the ATS. It shall describe the relationship of the training concept/approach to the selection of system performance characteristics for candidate media.

3.3.3 Media/method trade studies. This subsection of Section 3 shall document the results of trade studies made on vendor equipment for the purpose of selecting preferred media, training equipment and courseware production support capabilities for the ATS. It shall include rationale to justify selection of new versus existing media/methods for use in the ATS.

3.3.4 Allocation to objectives. This subsection of Section 3 shall document the results of the media/methods analysis and allocation process for each aircrew and ground personnel to be trained in the ATS. It shall list the objective(s), and include alternate media/methods, rationale for selection, and other relevant information for the objective(s). It shall be organized to identify objectives by categories of required types of training (academic, hands-on, etc.).

3.4 Appendix A: Standards of Evaluation. Appendix A shall describe the evaluation standards with supporting data and detail necessary to complement the descriptions in Section 2. These standards are used to conduct flight/simulator evaluations in the aircraft/ATS for each aircrew and ground personnel type.

4. OMAR updates. Updates to the OMAR shall be submitted as change pages. Each revision shall contain a summary listing of pages changed and the date the change occurred. All revisions to derived objectives and standards of evaluation shall be under change control.

5. End of DI-PSSS-80569A.