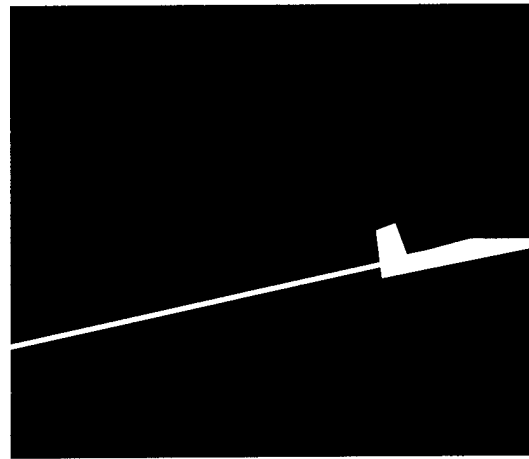


Contract No. F33657-92-2055/0047
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SID/MR-94/0025

(Unclassified)



SIDAC

Supportability Investment Decision Analysis Center

TASK ASSIGNMENT PLAN

for

WSPAR, SEMR, POM, AND HQ USAF/LG LOGISTICS ASSESSMENT PROGRAMS

DTIC QUALITY INSPECTED 4

Prepared for
HQ USAF/LGSI
PENTAGON
Washington, DC 20330

8 July 1994

Prepared by
Synergy, Inc.
1763 Columbia Road, NW
Washington, DC 2009-2834

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6. AUTHOR(S) Archer, Glenn L. Reed, Raymond L.	
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13. ABSTRACT (Maximum 200 words)

This Task Assignment Plan will explain how Synergy, Inc. will fulfill the requirement for logistics studies and analysis support to operate a suite of logistics capability assessment models. Synergy will perform both peacetime and wartime logistics assessments in support of the WSPAR and SEMR programs. In addition, Synergy will assist in the transfer of responsibility for the WSPAR and SEMR assessments to the System Program Directors (SPDs). This transfer of responsibility will require at least six WSPAR and SEMR training sessions to ensure each SPD's representatives are knowledgeable of the procedures for operating both the Integrated Logistics Assessment Model in Windows (WINLAM) and the Sustainment Executive Management Report (SEMR) model. Additionally, Synergy will provide any other logistics assessments required by HQ USAF/LG

14. SUBJECT TERMS Windows Integrated Logistics Assessment Model (WINLAM), Sustainment Executive Management Report (SEMR) model	15. NUMBER OF PAGES 4
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Prepared for

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8 July 1994

SIDAC Special Projects Manager
SIDAC
5100 Springfield Pike, Suite 110
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Dear Special Projects Manager,

Contract F33657-92-D-2055
Delivery Order No. 47
CDRL A009, Data Item MGMT-80057

Enclosed is the Task Assignment Plan for *WSPAR, SEMR, POM, and HQ USAF/LG Logistics Assessment Programs* required under the above referenced contract.

If you have questions, please contact me at (202)232-6261.

Sincerely,

James A. Lutz
Task Leader

Enclosures

Contract No. F33657-92-D-2055
Delivery Order No. 47
CDRL A009, Data Item DI-MGMT-80057

(Unclassified)

TASK ASSIGNMENT PLAN
on
WSPAR, SEMR, POM and HQ USAF/LG Logistics Assessment Programs

Prepared for
HQ USAF/LGSI
PENTAGON
Washington, DC 20330

8 July 1994

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TASK ASSIGNMENT PLAN
on
WSPAR, SEMR, POM and HQ USAF/LG Logistics Assessment Programs

INTRODUCTION

Synergy will fulfill the requirement for logistics studies and analysis support to operate a suite of logistics capability assessment models. These models will be used to assess the peacetime readiness and wartime sustainability expected as a result of past, current, and projected investments in buy and repair of reparable and consumable spares. Synergy will perform both peacetime and wartime logistics assessments in support of the WSPAR and SEMR programs. In addition, Synergy will assist in the transfer of responsibility for the WSPAR and SEMR assessments to the System Program Directors (SPDs). This transfer of responsibility will require at least six WSPAR and SEMR training sessions to ensure each SPD's representatives are knowledgeable of the procedures for operating both the Integrated Logistics Assessment Model in Windows (WINLAM) and the SEMR model. These training sessions will provide over-the-shoulder assistance in developing actual WSPAR and SEMR products. This training will be provided to each of the weapon system program managers within AF/LG, AF/XO and SAF/AQ as well as those in HQ ACC and HQ AMC. Additionally, Synergy will provide an assessment of the FY96 Program Objective Memorandum (POM) as well as any other logistics assessments required by HQ USAF/LG.

GOALS AND OBJECTIVES

Synergy will assist HQ USAF and the SPDs in performing the peacetime and wartime logistics assessments using WINLAM on the weapon systems selected for participation in the WSPAR, SEMR, and POM programs as well as other logistics assessment requirements.

TECHNICAL APPROACH

The work breakdown structure (WBS) shown in Figure 1 defines the key assessments and training sessions to be accomplished in the performance of Task 1. The exact dates for Weapon System Assessment Reviews have not been defined beyond 1 January 1995.

Task 1: WSPAR Assessments

Synergy will perform both peacetime and wartime logistics assessments in support of the WSPAR and SEMR programs. Results will be submitted to HQ USAF/CV and the Air Force council for review. This process encompasses multiple echelons of command, requires multiple excursions and contractor attendance at the briefings presenting the results of these assessments to AF/LG and each of the operating commands. The task will require the collection of data from HQ USAFXO, HQ USAFLG, MAJCOMs and ALCs, the meeting of key personnel and coordination of all results.

Synergy will also assist in the transfer of responsibility for WSPAR and SEMR assessment to each weapon system SPD. Classified data will be gathered and sent to the designated representative prior the scheduled WSPAR or SEMR date. Synergy will provide support assistance to each representative to complete these assessments.

This transfer will also require at least six (6) training sessions to ensure the SPD representative's are knowledgeable of the procedures for gathering data and operating both the Integrated Logistics assessment Model for Windows (WINLAM) and SEMR model. These sessions will be held at Synergy's home office and/or on site at an ALC. Each person will receive detailed instructions on the algorithms and methodologies used in each model as well as an overall guide to presenting the WSPAR and SEMR

programs. Synergy will distribute a user guide and functional description to each attendee. Although these sessions will train each SPD representative, Synergy will also continue to provide assistance in each WSPAR preparation. These tasks include technical assistance in running each assessment, comprehensive review of methodologies, support at the MAJCOM and HQ USAF briefings and a single run for HQ USAF/LGSI prior to the each WSPAR .

Synergy will also provide training to each of the weapon system program managers within AF/LG, AF/XO and SAF/AQ as well as those in HQ ACC and HQ AMC to insure they have a thorough understanding of the assessments.

Additionally, Synergy will provide an assessment of the POM which includes a predefined readiness and capability analysis of all weapon systems based on changes in force structure, flying hours, funding and taskings. Other logistics assessments as defined and required by AF USAF/LG will be performed.

PROJECT SCHEDULE AND MILESTONES

The WBS in figure 1 represents Synergy's proposed timeline for accomplishing the tasks associated with the statement of work. Synergy will apply the most experienced personnel on this project and will produce the best products possible within the time and funds allocated by the government. The Synergy program manager will prioritize the efforts for the tasks in order to make the most efficient and effective use of available resources.

DELIVERABLES

The following is a list of deliverables that will be submitted for the efforts performed under the task:

- (1) Final technical report on the task (CDRL A001). This report will present the results of the research and analysis performed in the task.
- (2) Periodic progress and status reports submitted every thirty (30) days throughout the duration of the contract. (CDRL A004). These reports will keep the SIDAC COTR informed of the progress of the task on a monthly basis.
- (3) Software User's Manual to aid in the instruction and use of the software (CDRL A006).
- (4) Functional Description (CDRL A005).
- (5) Computer Program End Item Documentation, the software necessary to complete the task (CDRL A012).
- (6) Presentation Material, which shall be delivered in conjunction with each assessment (CDRL A007).
- (7) Task Assignment Plan (CDRL A009). The plan presented in this document, which covers the objectives, technical approach, and schedule for performance of the statement of work.

PROJECT STAFFING AND EXPERIENCE

This project will be staffed with extremely well qualified personnel. The following summarizes the education, capabilities, and experience of key personnel.

Mr. James A. Lutz, Program Manager, Ph.D. program in Mathematics/ graduate studies in operations research and statistics. He has over 20 years experience in logistics management, capability assessment, program and budget analysis, and operations analysis. Mr. Lutz serves on Synergy's Operations Management Committee which directs the performance of work on all Synergy contracts. He specializes in the development and application of quantitative models for analysis of policies in logistics management, budgeting, capability assessment, and reliability and maintainability.

Mr. Raymond L. Reed, Sr. Logistics Management Specialist, M.S. Organic Chemistry. Mr. Reed has over 20 years experience in Air Force logistics. His areas of expertise include logistics management, tactical systems analysis, and acquisition management. He currently serves as the program manager for development and implementation of new parametric/interactive models, designed to perform logistics resource assessments of the U.S. Air Force's air mobility and air combat weapon systems.

Mr. William E. Faragher, Sr. Scientist, M.A. Mathematics. Mr. Faragher has over 35 years experience in operations research, and logistics analysis. He is responsible for the software development for a suite of logistics assessment models designed for estimating the impact of budget decision on aircraft readiness and sustainability. He directed the development of a data base management system that imports data from a variety of sources and generates a set of output files for use in Synergy-developed logistics assessment models.

Mr. Glenn L. Archer, Jr. Logistics Management Specialist, B.A. Economics. Mr. Archer is the supervisor for all O&M assessments for Air Force and Army. He is responsible for completing the development of the Engine Logistic Assessment Model, which provides the Air Force with projections concerning the health of their engines inventory. He is responsible for designing, testing, and delivering this model to HQ USAF/LGSI and SA-ALC/LPF.

POINT OF CONTACT

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Figure 1 - Work Breakdown Structure

