



USTRANSCOM Science and Technology

Modeling and Simulation (M&S) Innovation

Project Summary: To accomplish research and provide usable products to support the analysis and operation of the distribution process, the Joint Distribution Planning and Analysis Center (JDPAC) proposes to form a collaborative relationship with the Air Force Institute of Technology's (AFIT) Department of Operational Sciences and the Center for Operational Analysis



(COA). This relationship is currently being formed as a memorandum of agreement. Under the sponsorship of United States Transportation Command (USTRANSCOM), the Department of Operational Sciences would research problems and issues of interest to USTRANSCOM. Under the supervision of department faculty, department students accomplish varying levels of graduate research through the completion of graduate research projects, theses, and dissertations.

Return on Investment: New techniques, approaches, and models used in analyzing the distribution and deployment problem area.

Duration of project: FY09-13

Participants: USTRANSCOM and AFIT

Project advocacy (funding or otherwise): USTRANSCOM, AFIT

Transition: Several of the approaches and techniques developed will be transitioned through the COA Research Staff into a useable modeling and tool format. Additionally, the research staff will work directly with the appropriate JDPAC personnel to integrate AFIT research into the processes, techniques, and tools currently being used by the command.

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