



USTRANSCOM Science and Technology

Joint Recovery and Distribution System (JRaDS)

Project Summary: JRaDS Joint Capability Technology Demonstration (JCTD) provides a Family of Systems (FoS) which enables execution of multiple mission profiles (distribution, recovery, direct aircraft on/off load). JRaDS is a departure from a large inventory of distinct type trailer systems to a smaller number of trailer variants. JRaDS will



expedite cargo movement from Sea Ports of Debarkation (SPOD), Aerial Ports of Debarkation (APOD), and Theater Supply Depots to front-line users, while reducing costs associated with movement of cargo within theater. JRaDS (40 ton recovery capability) will also afford an expeditious and efficient method of recovering disabled and catastrophically damaged Tactical Wheeled Vehicles (TWV) as well as light to medium weight Rotary Wing aircraft.

Return on Investment:

This FoS will offer high reliability and parts commonality and modularity in design thus reducing Service logistics and maintenance requirements and associated costs of ownership. Estimated ROI: reduction in recovery mission (time, manpower, equipment) by 50%; MHE requirements reduced by 20%; improved cargo velocity by 20%; parts inventory and costs will be reduced by an estimated 50%.

Duration of project: FY09-FY11

Participants: USTRANSCOM, US Army CASCOM, TACOM PEO (CS/CSS), US Army (TARDEC)

Project advocacy (funding or otherwise): DUSD AS&C, US Army (PM-TV), DLA, USMC, USAF, US Army G4

Transition: If successful, JRaDS will transition to Program Executive Office Combat Support/Combat Service support (PEO CS/CSS)

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