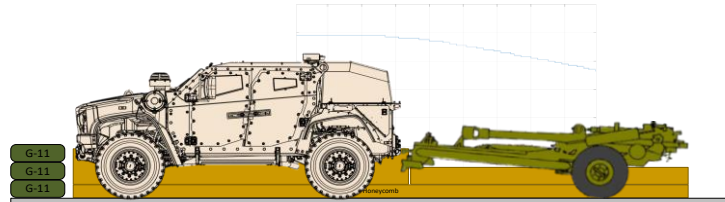




40-Foot Aerial Delivery Platform

Project Summary: This project will enable airdrop of a 40-foot platform and with increased payload efficiency. The project will enable the airdrop of a 40-foot platform on a C-17 aircraft utilizing standard low altitude airdrop methods.



DEVCOM SC will develop a 40-foot platform for traditional 42,000 lbs. Low Velocity Airdrop System (LVADS) as well as in conjunction with the DEVCOM SC 60,000+ lbs. Heavy Equipment Large Low Velocity Airdrop System (HELLVADS).

Vehicle with Trailer on 40 ft Platform

Benefit:

Ability to combine payloads to reduce spread of equipment. Supports delivery of large amounts of equipment to a smaller Drop Zone (e.g. small island/sand bar) on a single pass / single aircraft, whereas the equivalent amount of equipment delivered via existing methods would require two (2) aircraft or two (2) passes over the drop zone. Delivers all of a unit's equipment to a single location vs. distributed across a larger area, making area security easier and recovery faster. Delivers larger resupply loads to support advancing armor, heavy combat units for engineering units to support area access and mobility.

Duration of project: FY23 – FY24

Participants: USAF, PM FSS, USAF AMC & ATLA, Army Airborne Board

Project advocacy (funding or otherwise): US Army DEVCOM Soldier Center