

**AERIAL DELIVERY CAPABILITIES BRIEFING TO JOINT COMMITTEE ON TACTICAL SHELTERS (JOCOTAS).**

On 18 November 2014, the Natick Soldier Research, Development and Engineering Center's (NSRDEC) Aerial Delivery Directorate (ADD) provided a short ADD overview brief to JOCOTAS. JOCOTAS is chartered to promote standard solutions to Warfighter shelter requirements in the soft wall (tents) and rigid wall shelter areas and support technology transition to the expeditionary basing mission. The ADD briefed JOCOTAS members on fielded and science and technology aerial delivery capabilities, some of which could be adapted to deliver a large fraction of a platoon-sized base camp and ancillary equipment. Some of those capabilities include traditional delivery scenarios such as helicopter sling load of containers and airdrop of equipment using low-cost parachute systems or heavy guided systems (pictured).



30K Guided Airdrop System Army Technology Objective

Aerial delivery capabilities could also be employed in more novel ways such as pre-populating the desired camp site with unmanned sensors that monitor enemy activity and increase situational awareness or emplace smart mine fields around existing camps to heighten security. The briefing also highlighted some aerial delivery capabilities and results that were used extensively from 2006 through the present to resupply Forward Operating Bases and Combat Outposts across Afghanistan, emphasizing the impacts they had on less/zero convoy reliance and/or air-land resupply, in many cases resulting in lives saved. The ADD looks forward to continuing close collaboration with the JOCOTAS and related organizations to ensure ADD's current and possible future capabilities are well understood for possible support of smaller base camp establishment and delivery.

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