

HDT LIGHTWEIGHT EXPEDITIONARY BRIDGE

Mission Kit for Squad Multipurpose Equipment Transport (SMET)



The Lightweight Expeditionary Bridge is carried on a single Squad Multipurpose Equipment Transport (SMET) vehicle and deploys across a gap in less than 30 minutes, providing rapid passage across obstacles for dismounted infantry and their SMET vehicles.

Using less than 20 C-17 aircraft, an Infantry Brigade Combat Team can deploy their dismounted infantry and SMET vehicles anywhere in the world in less than 24 hours. Once on the ground, the SMET vehicles can support 100 kilometers of maneuver and 72 hours of operations without resupply. The Lightweight Expeditionary Bridge can travel with this force, increasing their freedom of maneuver.

Testing at the US Army's Jungle Operations Training Center showed that after two days of training, a Combat Engineer squad can consistently deploy the Lightweight Expeditionary Bridge in less than 30 minutes. Once the bridge is deployed, it can be left in place for follow-on forces or it can be recovered on the far side to accompany infantry forward.

KEY FEATURES

- Same rugged AirBeam® strut technology used in thousands of HDT shelters worldwide
- ATEC Safety Release for carrying loads up to 1,100 kg (2,400 lbs), including proof-load testing with 1,600 kg (3,500 lbs)
- Length of 11 m (36'), width of 2.1 m (7')
- Bridge weighs less than 450 kg (1,000 lbs)



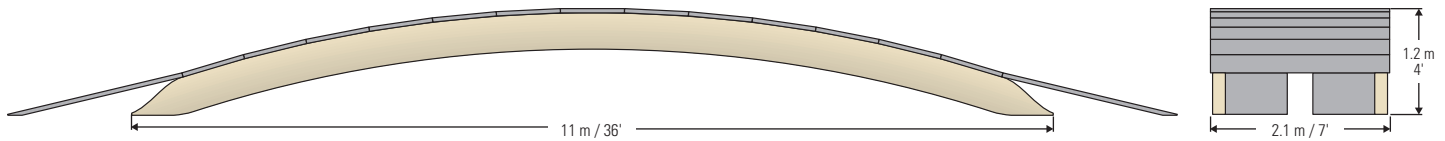
A single SMET transports the Lightweight Expeditionary Bridge.

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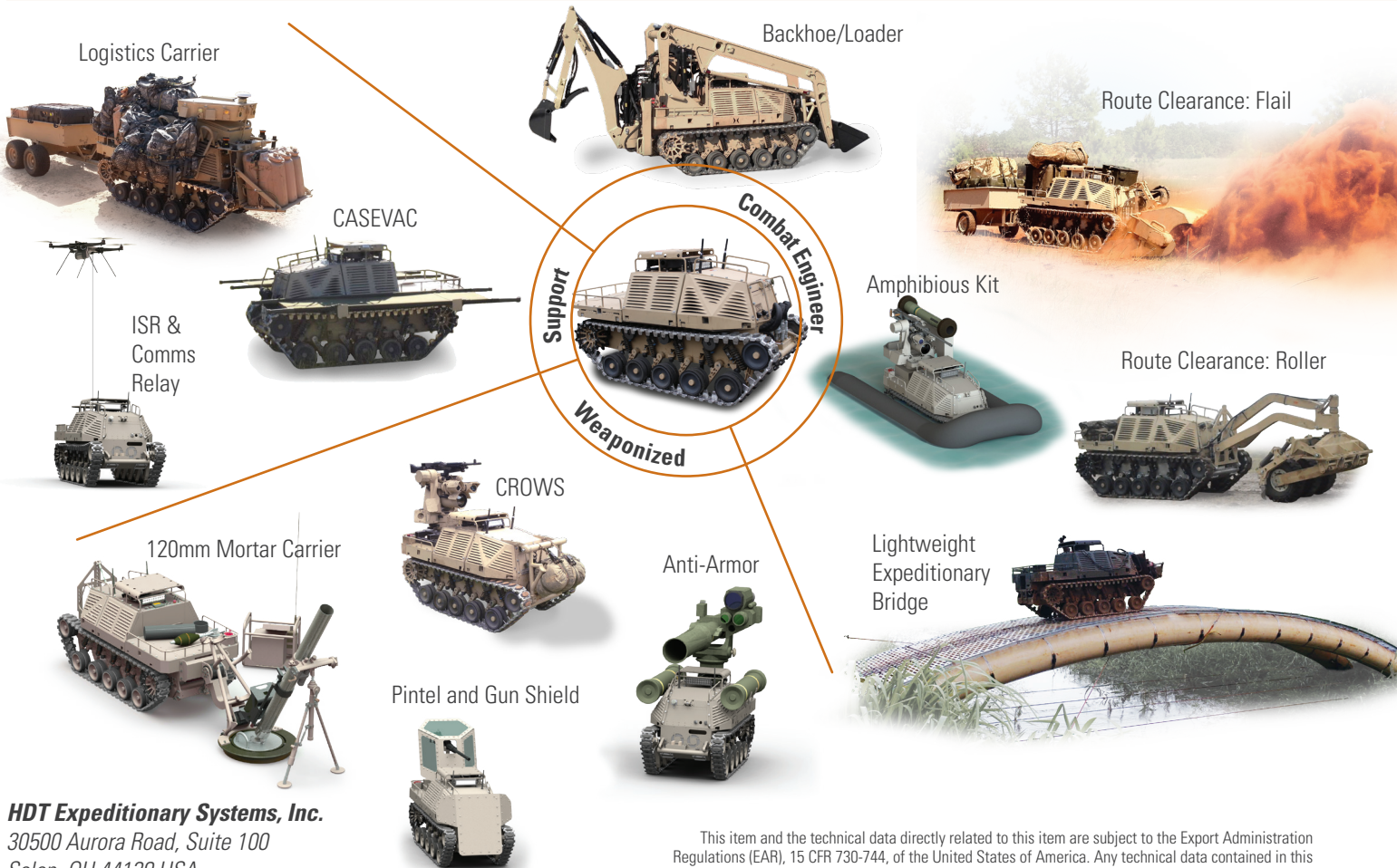


LIGHTWEIGHT EXPEDITIONARY BRIDGE DIMENSIONS



Combat Engineers deploying bridge.

SMET MISSION KITS



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