

Air Launched Effects (ALE)

Air Launched Effects (ALE) are a Family of Systems (FoS) consisting of an air vehicle, payload(s), mission system applications, and associated support equipment designed to autonomously or semi-autonomously deliver effects as a single agent or as a member of a team. ALE is a crucial piece of the Future Armed Reconnaissance Aircraft Ecosystem advanced team concept synergistically enhancing survivability, threat identification, targeting, and lethality of Army aviation brigades and ground force commanders' assets.

ALE FoS extends tactical and operational reach and lethality of manned assets, allowing them to remain outside of the range of enemy sensors and weapon systems while delivering kinetic and non-kinetic, lethal and non-lethal mission effects against multiple threats, as well as, providing battle damage assessment data. They will provide scalable effects to detect, locate, disrupt, decoy, and/or deliver lethal effects against threats.

As relatively low cost systems, they are attritable or optionally recoverable. Using a Modular Open Systems Approach provides modularity and rapid integration of new technologies.

