DEPARTMENT OF THE ARMY
US ARMY DEFENSE AMMUNITION CENTER
1 C TREE ROAD
MCALESTER OK 74501-9053

ATCL-AC 26 July 2016

MEMORANDUM FOR RECORD

SUBJECT: Rocket or Missile Barricade Option (RAMBO) to Prevent Downrange Flight of 2.75” Rockets or Hellfire Missiles Inadvertently Launched from Parked Aircraft

1. Enclosed is the Corps of Engineers – Huntsville design and United States Army Technical Center for Explosives Safety (USATCES) approved barricade to prevent downrange flight of a 2.75” Rocket launched from a parked aircraft preventing possible facility and equipment damage and personnel deaths or injuries. The RAMBO barricade is a combination of sand-filled containers backed by a concrete T-wall. Enclosure outlines design specifications and minimum barricade heights.

2. The RAMBO barricade was not tested for Hellfire missiles or 30mm gun ammunition. The RAMBO is likely to stop 30mm gun ammo but is unlikely to stop a missile. The RAMBO may cause a missile to disintegrate or detonate. Therefore, the RAMBO should not be depended upon to protect downrange assets but may be preferable to no intervening barricade since it may reduce downrange flight of the missile. It can be assumed, that in most cases, the RAMBO is the preferred option.

3. Caution: When the rocket/missile pod/rail is not horizontal, barricade heights increase dramatically. A standard 6 ½ foot tall barricade design, is sufficient for rockets/missiles with a 43” height (horizontal) above the ground.

4. For POCs and Signatures: https://www.milsuite.mil/book/docs/DOC-298154