

PROXIMITY C-UAS ROCKET FUZING

Fuzing solutions to convert APKWS guided Hydra 70 rockets into low-cost, mid-range counter-unmanned aerial system (C-UAS) interceptors

L3Harris' Proximity Fuzes expand the mission set and effectiveness of the combat-proven Advanced Precision Kill Weapon System (APKWS) for ground or air launch against ground or air targets.

PROXIMITY FUZE

The L3Harris Hydra 70 Proximity Fuze pairs an advanced Proximity Sensor and modern electronics module with the proven heritage of the M423 Point Detonating (PD) Hydra Fuze.

- > Two factory programmable modes
 - + Proximity for C-UAS applications - proven against Group 2 and Group 3 threats
 - + Height of Burst (HOB) for ground targets
- > Threads directly onto existing Hydra 70 warheads
- > Maintains the same proven safeties as the M423/M427/MK435 fuze
- > Redundant back-up function modes to eliminate dangerous unexploded ordnance (UXO)

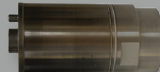
ROCKET ESAF

The next generation rocket electronic safe, arm and fire (ESAF) builds on technology of our Proximity Fuze with added safety features, modes, warhead integration options and increased reliability.

- > Dual-safe electronic fuze fully compliant to MIL-STD-1316
- > Flexible fuzing architecture for future incorporation of impact delay
- > ESAF variants can be paired with current and future warhead configurations
 - + Nose- or base-mounted
 - + Mid-body
- > Incorporates a communication link for guidance kit interface and gunner — selectable engagement mode for future capability



HYDRA 70
PROXIMITY FUZE

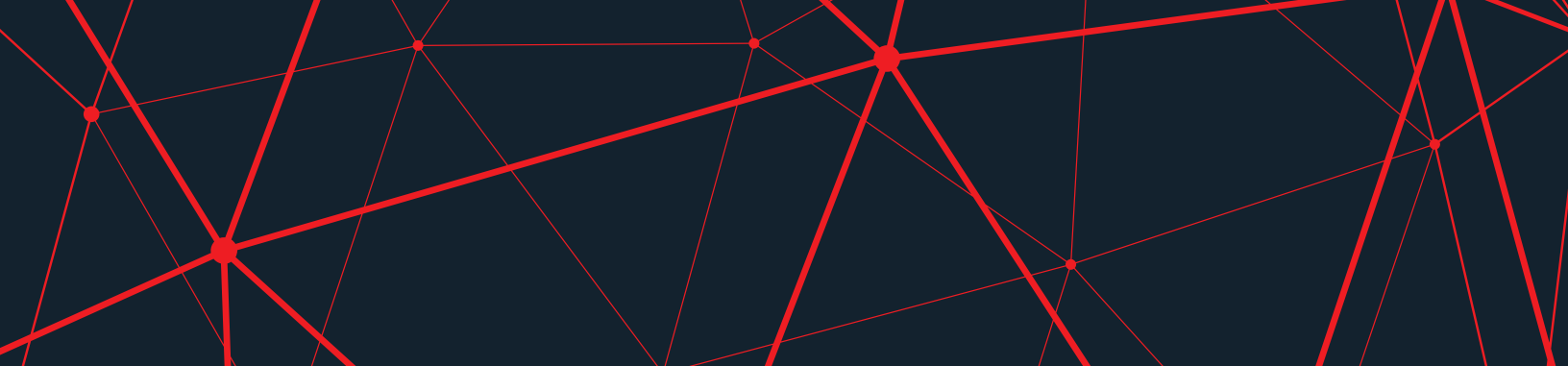


ROCKET ESAF



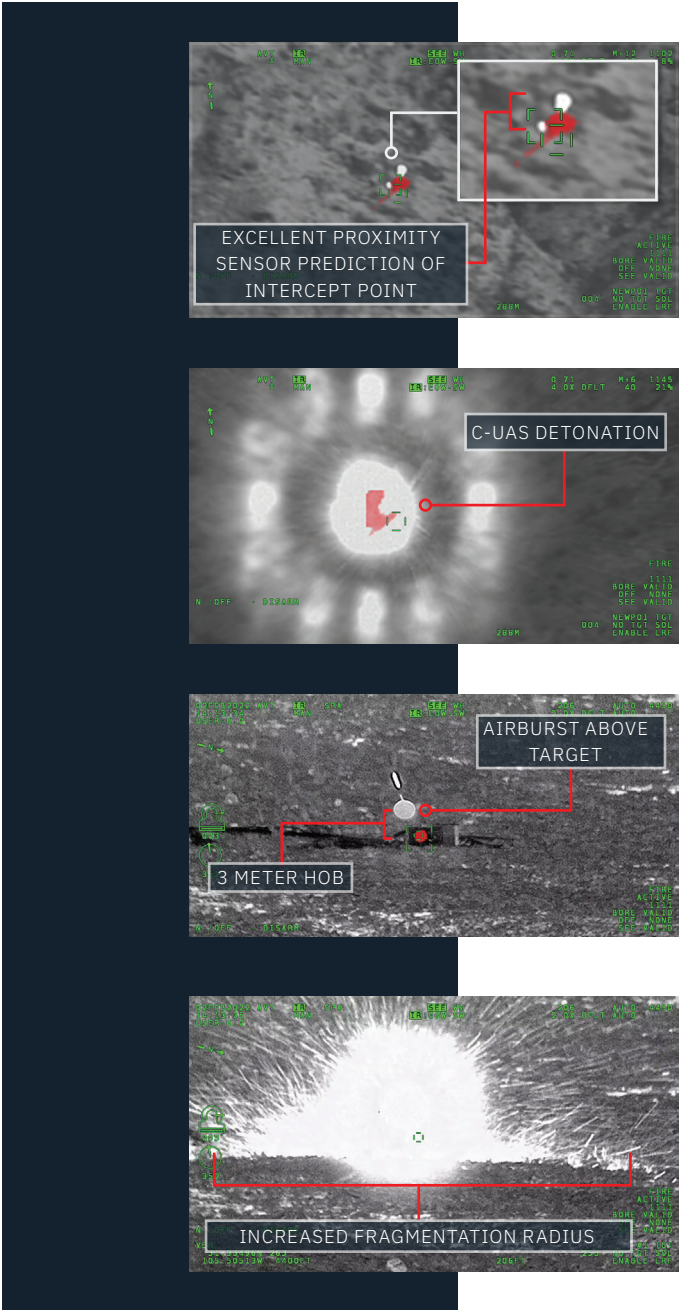
FEATURES

- > No effect on guidance accuracy
- > Effective engagement of small moving targets
- > Impact and airburst backups reduce collateral damage
- > Platform agnostic
- > Depot or field upgrade for APKWS inventory



HYDRA PROXIMITY FUZE DESCRIPTION

The L3Harris Hydra Proximity Fuzes convert globally available APKWS guided Hydra 70 rockets into low-cost C-UAS interceptors. The fuzes are depot or field replacements for the existing PD fuzes. The resulting rockets are platform agnostic with the capability to be launched from any Hydra 70 launcher paired with a laser designator. A variant is also available for use on APKWS or unguided Hydra 70 rockets to increase ground attack effectiveness with a HOB mode.



L3Harrisellsht_Proximity C-UAS Rocket Fuzing

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