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Rheinmetall to Feature Extensive 40mm Medium Caliber Family of Ammunition and Fire Control Systems at AUSA

Lethal, Accurate, Reliable 40mm Family Including Next Generation Air Burst Technologies paired with Advanced Fire Control Systems Garnering Increased US Army Interest

Rheinmetall will showcase the Group's significant array of next generation 40mm medium calibre munitions at the largest land warfare tradeshow in North America: the Association of United States Army annual meeting (AUSA 2019) taking place in Washington DC, October 14-16th.

Rheinmetall is a global leader in armament and ammunition development and delivery and its next generation 40mm munitions have gained increasing interest from the US Army, particularly its advanced airburst technologies.

The company's airburst technologies are currently in use in US Army developmental programs supporting the XM1166 LV and XM1176 HV HEDP cartridges. New, upgraded cartridges will enhance the lethality of warfighters by giving them the ability to more effectively engage enemy troops using airburst technology; all while retaining the point detonating ability to defeat lightly armored targets using one cartridge.

Rheinmetall uniquely delivers next generation advanced capabilities to the US Army in the airburst munition field due to its unmatched ability to comprehensively provide fuzing, munitions and airburst programming technologies and development.

Rheinmetall supports its 40mm munitions with programming units and a family of fire control systems from American Rheinmetall Systems in Biddeford, ME. These systems further increase 40mm combat effectiveness and provide users with a broad range of enhanced capabilities. The family of fire control systems is scalable across multiple weapon platforms and munition types, from low velocity fuze setters, to high velocity manual programmers, and fully automated fire control for 40mm, shoulder-fired munitions, amongst other individual and crew-served applications.

Rheinmetall's 40mm family consists of a broad range of low, medium and high velocity products as well as an assortment of less-than-lethal options, to include:

- 40mm Low Velocity – including airburst cartridges currently in development
- 40mm Medium Velocity – certified for use in the M32A1 MSGL with effective range of 800m
- 40mm High Velocity – available in HE, HEDP and airburst configurations
- 40mm Training Rounds – low cost training solution for both day and nighttime conditions
- 40mm Less-Than-Lethal Rounds – perfect for crowd control and riot situations

Rheinmetall has enabled the introduction of advanced fuzing capabilities through the recently established partnership Rheinmetall Fraen Fuzes and further expands its market reach via its JV partner RDZM LLC.

American Rheinmetall Munitions has produced over 3.3 million M1110 Low Velocity (LV) and 5 million Mk281 Mod3 High Velocity (HV) 40mm target day/night marking training cartridges to the USMC over the past decade and is on contract to produce 1.25 million more MK281 Mod3 cartridges over the next 2 years.

Rheinmetall's advanced M1110 and Mk281 Mod3 40mm munitions are non-dud producing, non-toxic training cartridges that use unique target marking technologies that enable both day and night training. Their designs eliminate unexploded ordnance and range fires which enable warfighters to practice fire-and-maneuver operations in a safe, dud-free environment.

Rheinmetall's family of medium calibre munitions and fire control will be on display at their booth (#6618) during AUSA.

For more information, please contact:

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