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Rheinmetall to Feature Extensive 40mm Medium Caliber Family of Ammunitions at AUSA

Lethal, accurate, reliable 40mm Munitions Family Including Next-Generation Airburst Technologies and Programming Units Garnering Increased U.S. Army Interest; Rheinmetall Positioned to be major provider to the U.S. Army

Rheinmetall will showcase the Group's significant array of next-generation 40mm medium caliber munitions at the largest land warfare tradeshow in North America: the Association of United States Army annual meeting (AUSA 2021) taking place in Washington DC, October 11-13th.

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

The company's airburst technologies are currently in use in U.S. 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 in defilade positions; all while retaining the point-detonating ability to defeat lightly armored targets using one cartridge.

Rheinmetall delivers next-generation advanced capabilities to the U.S. Army in the airburst munition field due to its unmatched ability to comprehensively provide fuzing, munitions, airburst programming technologies, and development. Rheinmetall's U.S. munitions business, American Rheinmetall Munitions, headquartered in Stafford, VA, will soon open a new fuze production facility in Windham, ME, in support of the airburst munitions programs. The new facility not only demonstrates Rheinmetall's continuing commitment to the U.S. Army but a commitment to developing new, critical, advanced industrial capabilities and jobs in support of the National Technology Industrial Base (NTIB).

Rheinmetall supports its 40mm munitions with programming units and a family of fire control systems from American Rheinmetall Systems, headquartered 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, along with other individual and crew-served applications.

American Rheinmetall Munitions is also making critical investments in its production facilities in Camden, Arkansas, where it produces the Mk281 HV and M1110 LV 40mm training munitions. New investments in the Camden facility will position Rheinmetall to produce a wide array of munitions, including other medium caliber munitions, in support of U.S. military needs. The added capability

► Key facts

- Rheinmetall 40mm ammunition delivers next-generation advanced capabilities to the modern warfighter
- Airburst technologies currently in use in U.S. Army development programs
- Programming units and a family of fire control systems supplied by American Rheinmetall Systems

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and capacity enhance depth in the constrained, aging munitions industrial base and enable the Army to benefit from expanded competition in the munitions market. The Mk281 and M1110 also present highly capable, mature munitions with exceptional safety features that can meet ongoing U.S. Army and Marine Corps requirements.

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