



TRUE VELOCITY™

PRESS RELEASE

TRUE VELOCITY DELIVERS 'NEXT GEN' 6.8mm AMMUNITION TO U.S. ARMY

August 4, 2020



GARLAND, TX - True Velocity officials confirmed recently that the Texas-based technology company delivered more than 170,000 rounds of its 6.8mm TVCM lightweight ammunition to the U.S. Army in May as part of the Next Generation Squad Weapon (NGSW) program.

“As a team, True Velocity is excited and proud to have delivered this significant order of next-generation ammunition to the Army in-full and on-time,” said True Velocity President Chris Tedford. “Our 6.8 TVCM composite-cased cartridge is capable of unprecedented ballistic performance, while simultaneously exceeding the Army’s expectations in terms of weight reduction.”

The U.S. Army down-selected True Velocity’s composite-cased ammunition in August 2019 for the NGSW modernization program. True Velocity submitted its 6.8mm composite-cased cartridge as part of an overall NGSW weapon system in partnership with General Dynamics Ordnance and Tactical Systems and firearm manufacturer Beretta.

True Velocity’s proprietary composite 6.8mm case design provides end users with significant logistical and operational advantages over metal-hybrid cases and traditional brass cases,

including substantially increased effective range and muzzle energy, drastic reduction in cartridge weight and enhanced accuracy, regardless of weapon platform.

“True Velocity’s ammunition - and particularly our 6.8 TVCM cartridge - are changing the



paradigm,” Tedford said. “It turns out you don’t have to operate at unsafe chamber pressures in order to generate increased velocity, enhanced terminal performance and improved accuracy. Our cartridge achieves all of these things, while maintaining safe operating pressures and drastically reducing the overall cartridge weight.”

The NGSW program is designed to provide the U.S. Army’s Close Combat Force with an enhanced 6.8mm cartridge replacement for the currently fielded 5.56x45mm round, as well as to replace the M249 Squad Automatic Weapon and the M4A1 with next-generation weapons.

As early as October 2019, the additional qualifications required for the LTR 400 transponder system to be installed on the German Tornado at equipment level were successfully completed and the relevant documents handed over to Airbus Defence and Space (ADS). Subsequently, during the test flights carried out by ADS in Manching at the end of 2019, the performance requirements for the IFF system as specified by the responsible military technical service (WTD-61) were verified.

The IFF technology is of central importance for all military operations. Based on automated electronic signals, it ensures that the armed forces can recognize friends who respond with the correct signal when contacted and identify potentially hostile vehicles who do not. All NATO countries are mandated to migrate to the new Mode 5 standard IFF, which uses advanced cryptographic techniques to secure systems against electronic interference from the enemy. This is important when armed forces operate together, as ensuring that crews of land, air and naval forces can reliably identify their allies is one of the most important ways of preventing so-called “friendly fire” incidents. The LTR 400 transponder is qualified for all flying platforms of the German Air Force and Army and is in use on all Airbus military helicopters.



ABOUT TRUE VELOCITY

True Velocity is an advanced technology company focused on the manufacture of superior composite-cased ammunition. Currently offered in a strategic range of calibers to meet defense, law enforcement and other applications, True Velocity’s premium composite-cased ammunition offers distinct advantages over conventional brass-cased munitions, including drastic weight reduction, heat signature elimination and significantly improved accuracy.

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For more information on True Velocity, Inc., please visit <http://www.tvammo.com>