

# 20MM M940 AMMUNITION

GENERAL DYNAMICS-OTS... DEVELOPER AND SOLE PRODUCER

**The 20mm M940 Multipurpose Tracer-Self Destruct (MPT-SD)** combines a light armor and high-explosive capability into a single round for improved lethality on all targets and represents the most advanced 20mm solution available.



- The M940 MPT-SD cartridge enhances the capability of the Vulcan Air Defense Systems (VADS) through increased range and lethality
- Compatible with all 20mm x 102 systems, including all M168, M61, M197, M621 and M301 gun systems and support/handling equipment
- Developed and qualified for use in the M163 self-propelled and M167 towed VADS and PIVADS (Product Improved Vulcan Air Defense Systems)
- Fire-control upgrade available to accommodate the optimized 20mm M940 MPT-SD ballistics
- Provides an affordable upgrade necessary to make the Vulcan System capable well into the 21st century
- The M940 provides the optimum single round of ammunition solution for ground to air and ground to ground applications



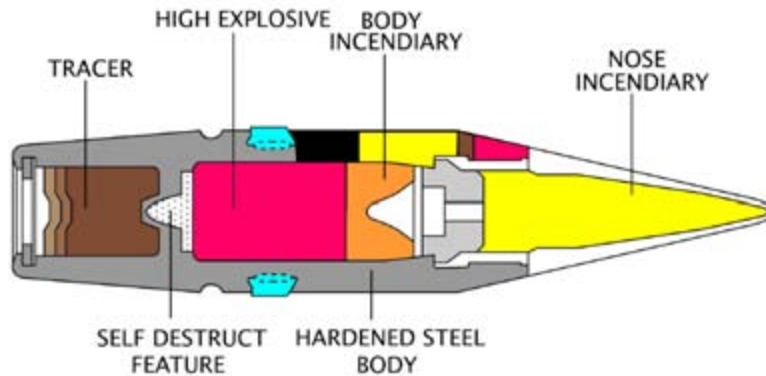
M167A1/A2 Towed VADS



**GENERAL DYNAMICS**  
Ordnance and Tactical Systems

11399 16th Court North, Suite 200, St. Petersburg, FL 33716 Phone: (727) 578-8100

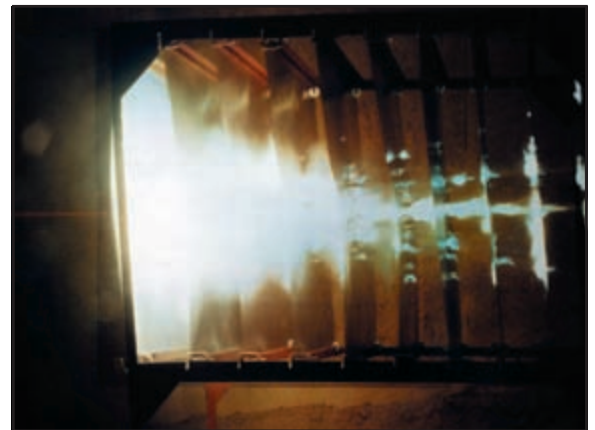
# 20MM MULTIPURPOSE TRACER SELF-DESTRUCT (MPT-SD)



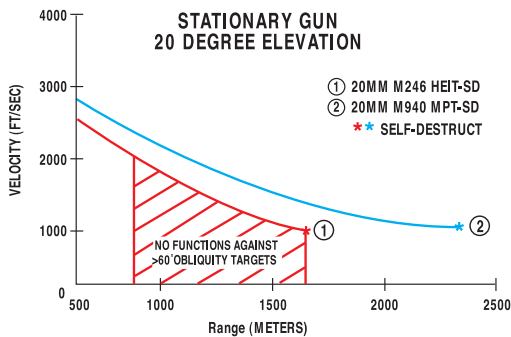
- Compatible with all 20mm x 102 cannons, including the M61, M168, M197, M621 and M301 gun systems
- Utilizes multipurpose technology with various enhancements and optimized ballistics
- Substantial improvements in effectiveness over the outdated 20mm M246 HEIT-SD

## ADVANTAGES:

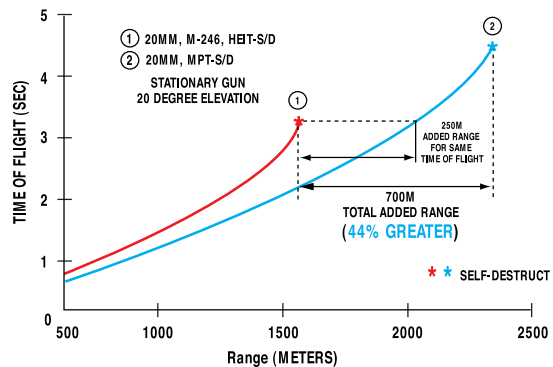
- Provides maximum terminal effects on target
- Light armor and high explosive capability combined into one cartridge with improved ballistics
- Delay function combined with larger, more lethal fragments
- Effective range of beyond **2000 meters**
- Demonstrated reliability of function at range
- Bright red tracer for increased visibility
- Significant air-to air and ground-to-ground capability to support the RAH-66 Comanche



Delay Function For Optimum On-Target Effects



Significant Overall System Effectiveness Improvement



Optimum Time of Flight at Range

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