

14083

**Title:** Barrett XM109 Payload Rifle & 25mm Ammunition Capabilities

**Abstract Text:** Title: Barrett XM109 Payload Rifle & 25mm Ammunition Capabilities Authors: Donald E. Dillard, P.E. Kyle Lynch General Dynamics – OTS Barrett Firearms 6658 Route 148 PO Box 1077 Marion, IL 62959 Murfreesboro, TN 37133 618 993 9209 Phone 615 896 2938

Abstract: The Barrett XM109 Payload Rifle, upgraded with the capability to fire 25mm x 59 ammunition, is based on the popular M107 rifle design. Approximately 5,000 M107 rifles are in-service and are easily convertible to the 25mm XM-109 through use of drop in components. Combining the Barrett XM109 Rifle with the GD-OTS 25mm x 59 XM1049 High Explosive (HE) Dual Purpose ammunition provides the US military with a highly mobile weapon system capable of door and wall breaching, and light armor targets, counter IED, and anti-personnel defeat. An alternate HE Point Detonating round is also available along with a low cost production ready Target Practice (TP) round. During the conference, Barrett and GD-OTS, will present weapon and ammunition characteristics, system maturity, and limited test results.