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Delta Scientific Corp.
40355 Delta Lane
Palmdale, CA 93551

Attention: Mr. David Dickinson

Date: July 25, 2011

Mr. Dickinson,

Based upon the test performed on Thursday, June 30, 2011 at KARCO Engineering, LLC., the as-tested configuration of the Delta Scientific DSC207S wedge barrier has received an impact rating of P1 at the M50 test level, based on the ASTM F 2656-07 standard test method. This test evaluated the DSC207S for an impact to the center of the wedge barrier.

The M50 test level of the ASTM F 2656-07 is evaluated using a 6,800 kg test vehicle traveling at a nominal velocity of 80 km/h. The P1 penetration rating is given when penetration beyond the protected side of the barrier is less than 1 meter at the lower leading edge of the test vehicle's cargo bed.

The DSC207S completely disabled the test vehicle causing severe damage to the chassis, drivetrain, and occupant compartment. The maximum penetration was recorded dynamically on the driver's side of the vehicle and was -1.96 m.

The DSC207S sustained minimal damage as a result of the impact, with the blocking plate bending towards the protected side. The opening remained blocked during and after the impact. After removal of the sheet metal front panels, the DSC207S was operational.

Complete information relating to the test can be found in report number TR-P31081-01-NC and CD serial number 2011-1988 from KARCO Engineering, LLC., including test conditions, test vehicle information, test article specifications, manufacturer drawings and any deviations from the drawings in the as-tested configuration. This letter should not be considered complete documentation of this test without consideration of the test report and deliverable CD.

Sincerely yours,

Frank D. Richardson
President
KARCO Engineering, LLC.