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Military Relies on AGY's S-2 Glass[®] Armor System

Aiken, S.C., Oct. 6, 2004 – Wherever the U. S. Army goes these days, its men and women are protected by an AGY composite armor system incorporating *S-2 Glass* roving and phenolic resin. A primary mode of troop transportation is the M1114 High Mobility Multi-Purpose Wheeled Vehicle – known as the Humvee – which relies on the AGY *S-2 Glass* HJ1 Armor System for ballistic protection.

“The U.S. Army has commissioned the armoring of thousands of vehicles over the past 10 years, and recently contracted for an additional 5,200 vehicles that will be used to protect servicemen for years to come,” says Will Chafin, AGY market manager for *S-2 Glass* products.

To protect Humvee occupants against both projectiles and spall, the U.S. Army relies on the HJ1 Armor System licensed by AGY. The armor system provides the ultimate lightweight protection against projectiles and spall. In addition, certain limited-use vehicles also use the AGY system for blast mitigation protection.

“The advantages of the *S-2 Glass* system are in weight savings, structural integrity and ease of processing contour shapes and specially designed parts for the existing vehicle platform,” says Chafin.

For the Humvee, armoring activity is carried out by O’Gara, Hess and Eisenhardt, and composite panels are produced by Sioux Manufacturing and Composix Company.

AGY is a leading global producer of fiberglass yarns and high strength fiberglass reinforcements used in a wide variety of composites applications. Headquartered in Aiken, S.C. (USA), AGY has a European office in Lyon, France, and manufacturing facilities in Aiken, S.C., and Huntingdon, Pa. Additional information may be found at the company’s website, www.agy.com, or by email at info@agy.com.

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