



**ASSOCIATES, INC.**

**PRESS RELEASE**

**Barr Associates, Inc. Announces Enhanced Capacity for Supplying High Performance Filters for Night Vision Technology**

**Westford, MA – October 15, 2007** - Barr Associates Inc., an industry leading producer of thin film coatings and optical filters, announces enhanced capacity and improved capability for supplying high performance, large volume and low cost infrared filters for night vision technology for use in commercial and defense industries.

At times when military vehicles function in complete darkness, drivers must have the advantage of using night vision technology to navigate through hostile areas. Night vision technology also reduces occurrences of “friendly fire” due to increased visibility and recognition. In addition automotive crashes continue to account for a large number of lives lost each year. A disproportionate percentage of these collisions occur during nighttime driving. Infrared cameras on the market today enable drivers to see in total darkness, smoke, dust, rain and fog. Typical vehicle systems only provide between 250 and 450 feet of moderate illumination. A driver traveling at 60 miles per hour would only have about 4 seconds to react to any obstacle in the road. By contrast, night vision systems currently available in automobiles today increase the line of sight five times farther than headlight beams which now gives the driver approximately 15 seconds to react to obstacles in the road. As a result automotive manufacturers are beginning to offer such infrared camera systems as an option in their newer models.

Barr Associates Inc. is addressing this growing demand for night vision technology in the automotive and defense markets by adding the necessary capacity and operating systems to increase production for manufacturing optical filters that are integrated into IR cameras. An example of one filter that may be used provides excellent transmission from 8-12um while also providing exceptional blocking below this range. These coatings pass the stringent cosmetic and durability requirements that are typically defined by military standards. The coatings are also ROHS compliant which is a must for integration into the European marketplace. In addition to the increased capacity for the dielectric coatings, Barr also has significant capacity to offer solderable metal coatings for hermetic sealing.

Barr Associates, Inc., founded in 1971, is the largest independent designer and manufacturer of precision thin film coatings and optical filters. Based in Westford, Massachusetts, Barr deploys coating technologies from below 200nm to 50 microns and manufacturing capacities from small prototype jobs to large-volume production to service leading companies and innovators across diverse markets. For additional information regarding IR filters, please call (978) 692-7513, email us at: [barr@barrassociates.com](mailto:barr@barrassociates.com), or visit our website at [www.barrassociates.com](http://www.barrassociates.com).