Emergency Egress Photoluminescent (PL) Lighting Kits for Helicopters

AfterGlow, LLC is presently producing AfterGlow® Brand Emergency Egress Photoluminescent (PL) Lighting™ Kits for the U.S. Army, Air Force, Navy and Marine Corps to improve tactical vehicle safety and the ability of personnel to quickly and safely egress vehicles in low-light situations. The U.S. Department of Defense (DoD) determined that vehicle exits and escape hatches needed to be positively marked or illuminated to aid emergency egress. After evaluations and review, DHi's Emergency Egress Lighting Kits were selected for rapid field installation inside the passenger and operator compartments of certain classes of its tactical vehicles in order to provide our warfighters with simple, highly-reliable emergency egress markings. The kits, designed to be installed in the field, contain magnetic and adhesive-backed photoluminescent tape and hybrid PL and retro-reflective markings for such items as fire extinguishers. As of Summer 2011, AfterGlow had shipped more than 23,000 of these kits. DHi also offers SleeveLight™ PL aircraft and vehicle tie-down marking devices and chocks as well as our QuickLight® kits for making easy PL-backlighted operator checklists. Let our PL experts work with you to develop solutions for your particular needs.

Who is AfterGlow LLC?®?

AfterGlow LLC is a dynamic small business dedicated to providing its customers with the finest and most appropriate photoluminescent safety materials. The AfterGlow LLC staff enjoys a reputation earned over many years for technical, managerial and manufacturing excellence. We support our customers with the very best, most appropriate, and most cost-effective photoluminescent safety solutions for our customers' particular needs.

Customer questions or concerns can be addressed to:

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AfterGlow®
Photoluminescent Safety Solutions®

Photoluminescent Safety Markings for Law Enforcement & Other Emergency Helicopter Applications














Photoluminescent Solutions For Improved Aviation Safety

Enhanced Main and Tail Rotor Visibility

Like aircraft propellers, helicopter main and tail rotors are dangerous to anyone who approaches them on the ground. Spinning so fast that they're practically invisible, helicopter rotors are especially dangerous when light is low or visibility is limited. In nearly all cases, the tail rotor is within five feet of the ground and poses a real hazard to personnel, especially in uneven terrain. At night, improvised landing zones (be it a vacant lot, road intersection, or some other cleared area) are an immediate attraction to people of all ages. Fire fighters, EMTs and police security personnel often have their hands full and even they can get distracted around the helicopter trying to keep order. People need sensory cues to warn them away from spinning rotor blades. It's tragically easy to be distracted amid the noise and stress of emergency operations at pre-configured or improvised landing zones, and so people are struck and killed or injured all too often.

Originally developed for improving personnel awareness of the spinning blades of U.S. Navy propeller-driven aircraft deployed on aircraft carriers, AfterGlo® Brand photoluminescent (PL) safety paint provides a unique solution for enhancing the low-light visibility of helicopter main and tail rotors as well. Feedback from helicopter law enforcement and emergency medical service (EMS) operators is that photoluminescent tail and main rotor markings will be a welcome and valuable safety enhancement. AfterGlo® Brand PL safety paint does not interfere with the vision of flight or ground crew personnel using Night Vision Goggles.