

Low Light Level Illumination For Enhanced Visibility



Existing paint
used to mark
E-2C Hawkeye
propellers.



Lights on



AfterGlo® High
Performance
PL paint on
E-2C Hawkeye
propellers.

Lights off



E-2C with AfterGlo® PL paint on port NP-2000 propeller



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®

AfterGlo®
High Performance
Photoluminescent Paint
for Improved Aviation Safety

The advertisement features a dark blue background with a large, glowing yellow-green circular light source in the upper left. Below it, a stylized aircraft is shown in flight, with its propellers and wings glowing with the same yellow-green light. The overall effect is one of high visibility and safety.

Photoluminescent Solutions For Improved Aviation Safety

Enhanced Visibility for Aircraft Propellers and Helicopter Rotors

Aircraft propellers and helicopter rotors are dangerous to anyone who approaches them on the ground. Spinning so fast that they're practically invisible, they are especially dangerous when light is low or visibility is limited. It's tragically easy to be distracted amid the noise and stress of flight operations, and so people are struck and killed every year.

As the only propeller driven aircraft deployed on U.S. Navy carriers, the E-2C/D Hawkeye and C-2A Greyhound present a distinct problem. Flight and maintenance crew, used to working with jet aircraft, may be inattentive to the hazards peculiar of propeller-driven aircraft and helicopters. They need sensory cues to warn them away from sudden injury or death from contacting a spinning propeller or rotor.

Aircraft operators have addressed this problem by applying AfterGlo® Brand High Performance Photoluminescent Aerospace Paint, an innovative Low Light Level Illumination (LLLI) material onto propeller blades, creating a highly effective visual warning indicator: now the crew can see the propellers. This solution (U.S. Patent 7,326,435 for Low Light Level Illumination For Rotating Objects; NSN 8010015583002) is now being used on a wide range of military and civilian fixed-wing aircraft and helicopters.

