

## Low Light Level Illumination For Enhanced Visibility



Lights on



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



Lights off



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

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



## Who is Defense Holdings, Inc.®?

DHi® is a dynamic small business dedicated to helping customers – in government or industry – insert and manage new technology. The DHi staff enjoys a reputation earned over many years for technical, managerial and manufacturing excellence. We support our customers with innovative and timely solutions to the complex problems of implementing and managing technology in a demanding and rapidly changing procurement environment.

Customer questions or concerns can be addressed to:

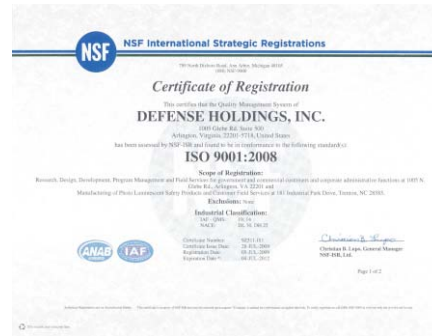
### Greg Bender P.E.

Vice President, Business Development  
Defense Holdings, Inc. The Idea Company®  
1005 N. Glebe Rd., Suite 500  
Arlington VA 22201-5718  
Tel: (703) 682-5560 ext. 4201  
E-mail: [gbender@dh-inc.com](mailto:gbender@dh-inc.com)

Visit us on the web at [www.dh-inc.com](http://www.dh-inc.com)  
or visit our web store at [www.afterglowdirect.com](http://www.afterglowdirect.com)

## ISO 9001 Registered Since 2003

DHi has been recognized for its innovative products, expert project management techniques, and attention to detail. DHi has been ISO 9001 registered since 2003. Our QMS requirements cover all aspects of our business including engineering, project management and manufacturing and ensure the consistently high quality of DHi's products and services.



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## Presents

AfterGlo®

## High Performance Photoluminescent Paint for Improved Aviation Safety



# Photoluminescent Solutions For Improved Aviation Safety

## Enhanced Propeller Visibility

Aircraft propellers are dangerous to anyone who approaches them on the ground. Spinning so fast that they're practically invisible, propellers 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 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. They need sensory cues to warn them away from a spinning propeller.

DHI® has addressed this problem by applying 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 (**patent pending**) can also be used on helicopters and a wide array of civilian aircraft.

