



A Textron Company

## **INFORMATION LETTER**

**GEN-15-133**

11 May 2015

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**TO: All owners and operators of Bell helicopters**

**SUBJECT: CLEARFIX AEROSPACE ACRYLIC PLASTIC WINDOW RESTORATION**

Bell Helicopter recently had the opportunity to participate in a field trial of a new acrylic plastic window restoration product from Clearfix Aerospace with one of our larger fleet operators of both light and medium helicopters.

The product is basically a two-step polishing process followed by application of a heat activated UV coating, if desired. The polish is air activated and applied with a low speed electric or air polisher. Care must be exercised to apply the polish at low speed settings as well as to keep the product wet during the application to prevent windows from overheating while polishing. The self-leveling UV coating, specifically for use on aircraft with night vision capability, is applied with a heat gun and extreme care must be observed to make sure the windows are not heated to above 140°F. A laser temperature monitor is supplied with the kit to ensure window heat is monitored.

The field trials proved this product to be extremely effective in restoring window clarity and removing small scratches. The manpower hours needed to completely restore windows to a “like new” condition were reduced significantly over other traditional polishing methods.

This product cannot be used on the Bell 429 windshields. These transparencies have a hard coating on the surface which, if polished, will create a milky film that will require the windshield to be replaced. Furthermore, Bell has not tested this product on polycarbonate windshields and therefore cannot recommend its use on those. It should also be noted that some polycarbonate windshields have hard coatings and would therefore have the same restrictions as the 429 acrylic windshields.

Operators are encouraged to view a product video including, the application process and detailed written instructions at [www.clearfixaerospace.com](http://www.clearfixaerospace.com)

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