

**HONTEK CORPORATION**

161 South Satellite Road, South Windsor, CT 06074 U.S.A.  
Phone: (860)-282-1776 Fax: (860)-289-6400

## **The Proven Leader in Erosion Protection Research**

Sand erosion of helicopter rotor blades was a major problem during Desert Storm war in 1991. After the war, the U.S. Army initiated new research to protect helicopter rotor blades against sand and rain erosion. Hontek was founded in 1992 and has conducted more than 20 contracts for the United States Army, Navy and Air Force as well as commercial customers. Currently Hontek Sprayable Coatings are being used on all Blackhawk UH60M, as well as on UH60 A/L and UAS Shadow. Hontek Coatings are also being qualified on V-22, CH-53E, LCAC, LUH and AH-64.

## **Modern Research Facility / Convenient Location**

Hontek's research and development facilities are located in a modern 13,000 square feet building in central Connecticut. Housed within the modern building are laboratories, production and warehouse facilities. The labs are geared for the formulation development of specialty chemical resin systems. All Hontek coatings and molding resins are produced in house. Plans are in place to double the facility size in 2010. We are only minutes away from some of the major aerospace manufacturers and R&D centers, such as United Technologies Research Center, Pratt & Whitney, Kaman Aerospace, and Hamilton Sundstrand.

## **Can we help you?**

Most people will assume that sand erosion is the most severe erosion to a modern aerospace structure. As a matter of fact, sand erosion can be easily taken care of by the use of Hontek coatings and molding resins. It is the combined sand and rain erosion that is the most difficult challenge. Once sand particles rough up a surface, raindrops can tear through the roughened surface very quickly. Hontek has the most durable materials against sand erosion, rain erosion and combined sand and rain erosion damages.

Erosion protection is a complicated technical challenge. To optimize the solution for your special application, it is best to contact us early in your technical program. When we understand your needs, we can come up with a better solution customized for you. The best erosion protection program will involve a customized solution that takes into account your substrates, the use of compatible primers, basecoats and topcoats.

Hontek has an in-house database of over 25,000 elastomer formulations. We have gained in depth knowledge in erosion protection technologies after testing more than 3,000 specimens in various erosive environments. If you have erosion protection needs, please contact us. We are uniquely qualified to help you solve your erosion protection problems. Our technologies include molding resins and sprayable coatings.

With over 32,000 flight hours logged on Hontek-coated Blackhawk blades, Hontek Coatings have a proven track record. Hontek-coated Blackhawk blades are de-icing compatible, field repairable and long lasting. If your applications are related to erosion protection of equipment or aircraft, please feel free to contact Hontek. Let us work together as a team to get your problems solved.



# HONTEK

**Proven Erosion Resistant Coatings**

