



nv/sa

Advanced Aerospace Designs

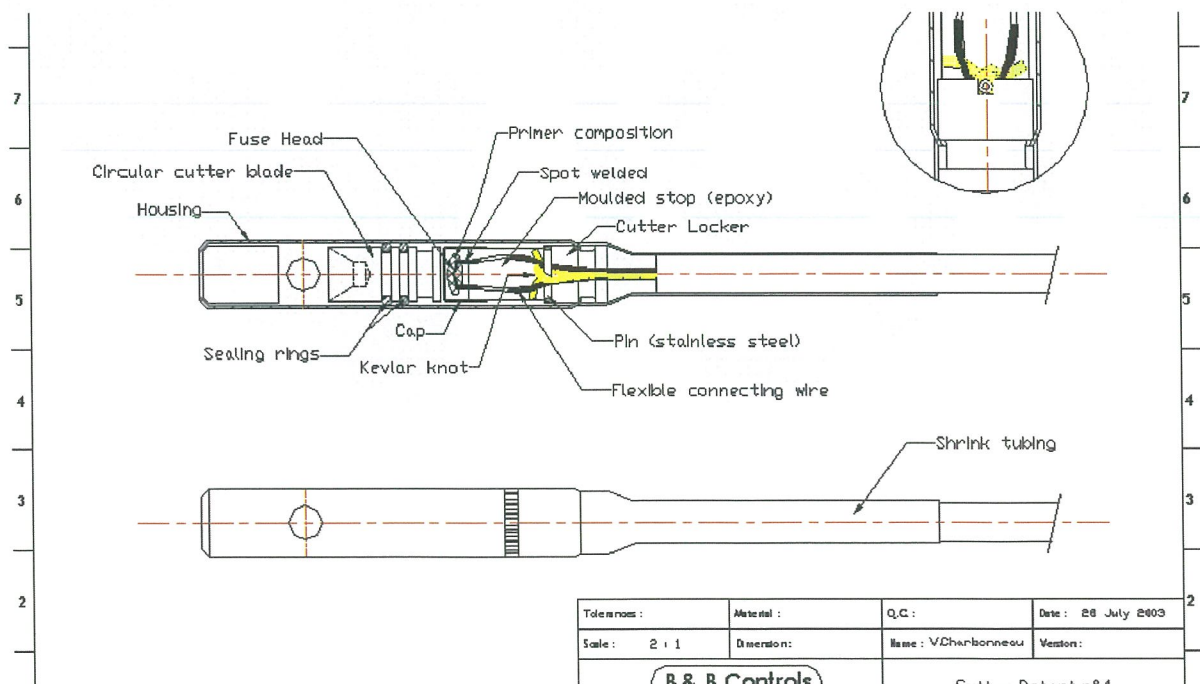
### Cutter data for Vigil civil version

The latest DOT (US Department Of Transport) of 8 February 2019 (see page 2) confirms that the cutter is not regulated as class 1 and doesn't have therefore a UN classification code like previously.

An equivalent updated Belgian/European document will be available very soon replacing the previous one (see page 3).

#### Technical data:

- The inox body length is 55mm. The external diameter is max 9mm. The hole is max 4mm diameter.
- It is standard with a special wire of 600mm length.
- 3 versions of connectors are used: blue wire with stereo gold plate jack, blue wire with 3P civil connector, white transparent wire with 2P Fisher connector.
- The fire voltage is between 3 and 7 VDC.
- The nominal current is 1 amp. (Min 500mA and max 1500mA)
- Duration of the electrical pulse is min 500msec.
- The response time between the electrical pulse and cut closing loop is  $\pm 2$ msec.
- Life time is 20 years
- One time use device.



AAD nv/sa. Advanced Aerospace Designs - Belgium - Formerly: Bristol Babcock Benelux nv/sa

193, Bld. A. Reyers • B-1030 Brussels • T: +32 (0)2 732 65 52 • F: +32 (0)2 736 06 27 • info@vigil.aero • www.vigil.aero  
V.A.T.: BE 0428.488.590 • R.C.B.: 477955 • Bank: Fortis 210-0624852-30 • Swift: GE BA BE BB 36A • IBAN Code: BE15 2100 6248 5230



U.S. Department  
of Transportation

East Building, PHH - 32  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration      The US Department of Transportation  
Competent Authority for the United States

**CLASSIFICATION OF EXPLOSIVES**  
**FIRST REVISION**

Based upon a request by R. Stresau Laboratory, Inc., N8265 Medley Rd, Spooner, WI 54801-7819, US, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

An EX approval is non-transferable in any merger, acquisition, sale of assets, or other business transaction. For more information, please visit:  
[<https://www.phmsa.dot.gov/registration/faq-mergers-acquisitions-and-legal-status-changes-pdf>]

**U.N. PROPER SHIPPING NAME AND NUMBER:**

Not Regulated as Class 1

**U.N. CLASSIFICATION CODE:** N/A

**REFERENCE NUMBER:**

EX2002030123

**PRODUCT DESIGNATION/PART NUMBER:**

Assembly, Cutter, Electric Reefing Cord  
(P/N: 9582006-1 thru -10)

**NOTES:**

It is the responsibility of the shipper to determine whether this article meets the definition of any other hazard class, in accordance with the Hazardous Materials Regulations. This approval as revised supersedes all previous versions.

**DATED:** February 08, 2019

for William Schoonover  
Associate Administrator for Hazardous Materials Safety

MINISTÈRE DES AFFAIRES ÉCONOMIQUES



1000 BRUXELLES, le 22-12-2011

NG III - Bd du Roi Albert II 16  
Téléphone : 02/206.11.11  
Téléfax : 02/206.57.51  
Site <http://mineco.fgov.be>  
E-mail : [explo@mineco.fgov.be](mailto:explo@mineco.fgov.be)

ADMINISTRATION DE LA QUALITÉ ET DE LA SÉCURITÉ

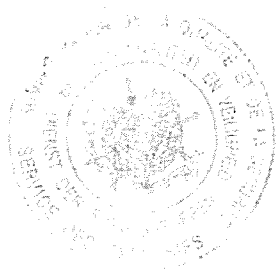
Service des Explosifs

notre référence  
E6 EX 02 6178 37

## ***Certificat de Classement***

### ***Electrical Cutter***

*En notre qualité d'autorité compétente belge pour les produits explosifs, et sur base des essais de la série 6 et plus spécialement du paragraphe 16.6.1.4.7 du manuel d'épreuves et de critères des Nations Unies, nous certifions que l'engin dénommé "Electrical Cutter for Parachute Reefing Card – réf. P/N 9582006" fabriqué par la firme américaine Stressau Laboratory INC pour le compte de la société B & B CONTROLS à Bruxelles est exclu de la classe 1 et n'est pas à considérer comme une marchandise dangereuse pour le transport.*



Le Chef du Service des Explosifs.

Mr. J.P. RICHOUX  
Ingénieur des mines-directeur