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1994.12.20

CONFIDENTIAL WITH ATTACHMENTS  
File:  
Reference File:6100 TD 23

AEROTECH Consumer Aerospace  
#15-1955 S.Palm St  
Las Vegas,  
Nevada 89104  
USA

Feuilles de transmission par télécopieur		Date	# of pages
Post-it™ Fax Note		7871-B	21 DEC 94
To A	From De		
G. ROSENFIELD	Bill McKenny		
Co. Dept. or Service	Co / Or		
AEROTECH	NR CANADA - Explos		
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702-641-2301	613-995-8417		
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702-641-1323	613-995-0420		

Attention : Gary Rosenfield

Dear Sir:

Re: CANADIAN AUTHORIZATION - AEROTECH MODEL ROCKET MOTORS & COPPERHEAD IGNITERS for Importation or Distribution in Canada

Part 1 COPPERHEAD IGNITERS

Part 2 SINGLE USE STANDARD E & F MOTORS

E Motors 24mm DIAMETER F Motors 29 mm DIAMETER

#51504	E15-4W	#61404	F14-4J
51507	E15-7W	61406	F14-6J
53004	E30-4T	61400	F14-9J
53007	E30-7T	62504	F25-4W
		62506	F25-6W
		62509	F25-9W
		65004	F50-4T
		65006	F50-6T
		65009	F50-9T

Based on the information provided to this office, I declare the above mentioned products to be authorized explosives.

These products are authorized with the proviso that the model rocket engines, model rocket kits and igniters are properly labelled or marked for the Canadian market-place.

The current "Canadian Model Rocket Safety Code" and other usage guidelines are summarized in the "Control of Model Rocketry in Canada" booklet.

Canada



The following classifications apply:-

Part 1 CLASSIFICATION "COPPERHEAD IGNITERS"

Canadian Explosives Act & Regulations	Class 6 Division 3
UN Classification Code	1.4G
UN Number	0325
Proper Shipping Name	"IGNITERS"
UN Packing Method	E141

Note: UN Packing Methods are under review and subject to change;

The 1.4G classification is assigned in the absence of test data or Competent Authority Documentation.

Six Copperhead Igniters are packaged in plastic Blister Box packages and up to 250 of these Blister Box packages may be shipped within the outer UN 4G specification fiberboard box.

Part 2 CLASSIFICATION "SINGLE USE STANDARD E & F MOTORS"

Canadian Explosives Act & Regulations	Class 7, Division 2, Subdivision 3
UN Classification Code	1.3C
UN Number	0186
Proper Shipping Name	"ROCKET MOTORS"
UN Packing Method	E146

Note: UN Packing Methods are under review and subject to change;

The 1.3C classification is assigned in the absence of UN Series 6 Test Data.

The classification of 1.3C is based on the CIE report numbers 8372 to 8375 and is issued with the proviso that the motors and igniters are packaged as follows:

i) Each motor and one Copperhead Igniter are packaged in an inner package consisting of a securely closed plastic bag or blister card; the blister card packs or bags are placed in an outer UN 4G specification fiberboard box for shipment;

Note: up to 24 blister card packs may be packaged in a non-UN 4G specification inner box and up to 6 of these inner boxes may be placed in the outer fiberboard box for shipment.

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Part 2 CLASSIFICATION "SINGLE USE STANDARD E & F MOTORS"  
Cont'd...

ii) Up to 600 Copperhead Igniters, in addition to those included with each motor, may be shipped with the blister card motor packs provided that the Copperhead Igniters are packaged in plastic Blister Box packages as per Part 1 above.

The E & F rocket motors meet the 125 gram net propellant weight limit and the 80 newton-second Total Impulse limits set for toy model rocket engines.

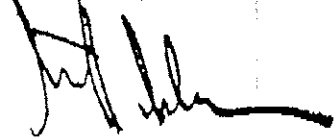
The Canadian Explosives Act, which classifies these products as Class 7, Division 2, Subdivision 3 (7.2.3), restricts the sale of these products to children 12 years of age or older, however adult supervision of their use is strongly recommended.

Vendors of these products do not require a Fireworks Magazine Licence.

Testing of your Single Use G Motors is complete. This file is currently under review and authorization of these items is expected in the near future. Our records indicate that we have not received payment of the \$525 authorization testing fees for these items. Please forward a cheque made payable to the "Receiver General for Canada" at your earliest convenience.

Should you require further information please contact us.

Yours truly,



E. Clausen  
Chief Inspector of Explosives

wem/

cc: CERL  
Y. Brazal/L. Saulnier

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