



Ottawa, Canada  
K1A 0E4

Explosives Branch  
15th Floor  
580 Booth St

Direction des explosifs  
15ième étage  
580, rue Booth

1995.11.08

Reference File:6100 TD 23

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

**CONFIDENTIAL WITH ATTACHEMENTS**  
CIE Reports 8372 to 8375

Attention: Gary Rosenfield

Dear Sir:

Re: Canadian Authorization of "SINGLE USE STANDARD 29mm DIAMETER  
G MODEL ROCKET MOTORS"

#74004	G40-4W
74007	G40-7W
74010	G40-10W
78004	G80-4T
78007	G80-7T
78010	G80-10T
78104	G80-4W
78107	G80-7W
78110	G80-10W

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.

The following classifications apply:-

Canadian Explosives Act & Regulations	Class 7, Division 2, Subdivision 5
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.

Canadian Authorization of "SINGLE USE STANDARD 29mm DIAMETER  
G MODEL ROCKET MOTORS" November 08,1995 Cont'd....

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.

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.

Although the G rocket motors do not exceed the 125 gram net propellant weight limit, these G rocket motors do exceed the 80 newton-second Total Impulse limits set for toy model rocket engines in Canada.

The Canadian Explosives Act classification Class 7, Division 2, Subdivision 5 (7.2.5), restricts the sale of these products to people familiar with their safe use and who are 18 years of age or older and requires that records of these sales are kept. Vendors must have a valid Fireworks Magazine Licence. Up to 25 kilograms gross weight may be stored in a containers ie. box or suitable receptacle; up to 125 kilograms gross weight may be stored in a detached storage area or warehouse.

I am issuing the classification & authorization at this time to simplify availability of these motors to Canadian market requests but remind you that the \$525 test fee is in continued abeyance.  
Yours truly,



E.Clausen  
Chief Inspector of Explosives  
wem/

cc: CERLab / Compliance Group