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CA-2833

STATE DEPT. DECLASSIFICATION REVIEW

☒ Retain class'n - Change/classify to _____

☐ Declassify with concurrence of _____

after Feb 26, 1998

EO 12958, 25X

IPS/CR/IR by _____

Date 2/24/98

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J WINDER

JUN 25, 2009

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Recommendations should be accompanied by a short justification relating the nature of the terrorist threat to the type and amount of equipment which they have selected for procurement. This justification should also set forth the intended use of the devices and weapons selected. Ordinarily, the items in the catalog should be ordered by posts by means of obligated requisitions. Where extraordinary security conditions exist and posts are not able to fund the required items from post allotments, unobligated requisitions should be sent to the Regional Bureaus under cover of Operations Memoranda containing full justification for the equipment requested and statements indicating that funds are not available. The Department will review such requests in light of the total funds available for this purpose, in order to determine the extent to which each post's recommendations can be approved. For each item ordered the following must be included: page number of the enclosure which identifies the item, stock and model number of the item where indicated, name of the item, and the date the hardware is required. Example: PII-210, stock number 4420C-3; item: chain door fastener, dated required 8/70.

The Department would also appreciate the comments and views of the posts on the selection of equipment which has been included in the enclosure based upon experience and needs. Any recommendations to augment the selection should be included.

The Office of Security is in the process of conducting a wide survey within the government and private industry to identify additional hardware and systems which will assist the Department in meeting the terrorist threat. Equipment which is considered to be appropriate will be added to the catalog's subsequent publications.

ROGERS

Enclosure: Protective Hardware Catalog

Distribution continued

Bukavu, Cairo, Calcutta, Casablanca, Conakry, ~~Constantine~~, Contonou, Dhahran, Fort Lamy, Hargeisa, Hong Kong, Ibadan, Istanbul, Izmir, Jerusalem, Jidda, Kaduna, Kampala, Khartoum, Kinshasa, ~~Kisangani~~, Kuwait, Lagos, London, Lourenco Marques, Luanda, Lubumbashi, Manila, Maseru, Mogadiscio, Monrovia, Oran, Phnom Penh, Rabat, Saigon, Seoul, Stockholm, Tangiers, Tel Aviv, Thessaloniki, Tripoli, and Vientiane.

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STRUCTURE, VEHICLE AND PERSONAL PROTECTIVE HARDWARE

GROUP I
Excluded from automatic
downgrading and
declassification

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PART I

PROTECTIVE HARDWARE
FOR VEHICLES

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VEHICLE ANTI-INTRUSION ALARM

MOVEMENT TYPE

The Alert Auto Alarm provides protection against any form of tampering with an automobile. This device operates on the principle of the change in equilibrium of the vehicle protected. The unit is easy to install and when activated will sound the horn intermittently and may be wired to activate the headlights in conjunction with the horn. The alarm will be given should an individual attempt to open a door, the hood or the trunk. It will also activate should anyone cause motion to the body of the vehicle. The disadvantage of this unit is that should the sensitivity be set too high it will false alarm.

SPECIFICATIONS

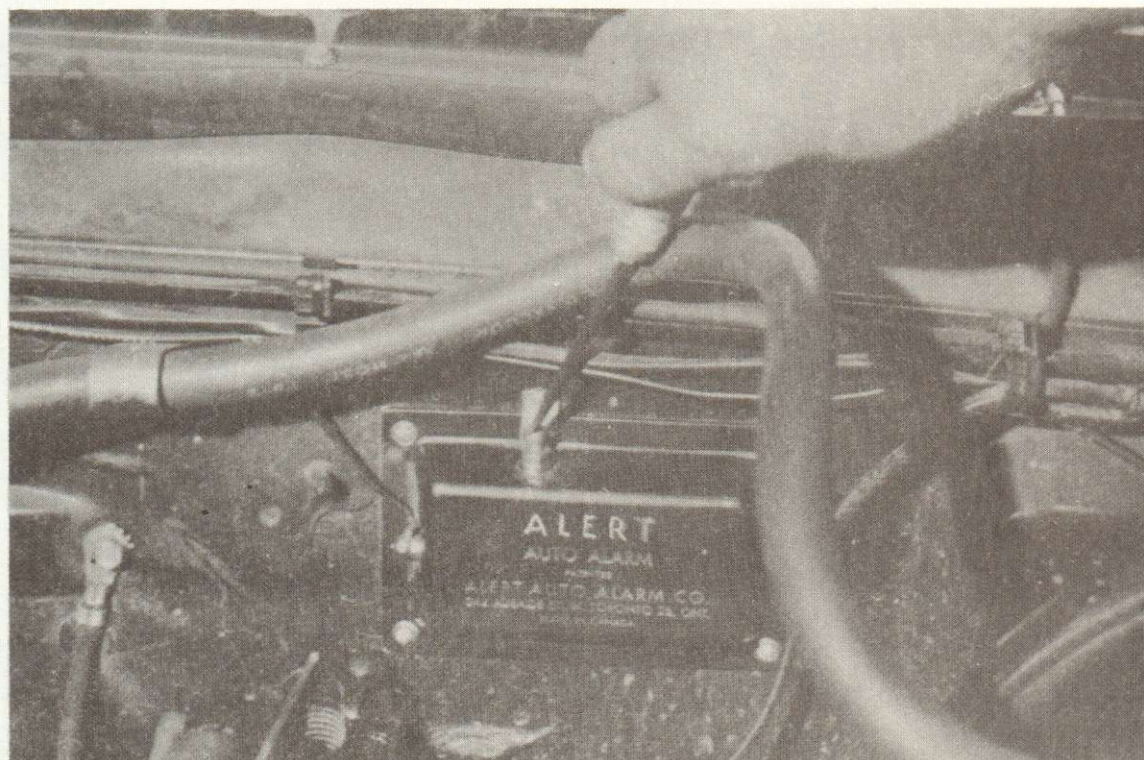
DIMENSIONS: 5 x 3 $\frac{1}{4}$ "

CONTROLS: Sensitivity Setting Screw

COST

ITEM	UNIT COST
Alert Auto Alarm	\$7.50 each
	5.90 each, up to 100

ORDERING SOURCE: Supplier 14



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VEHICLE ANTI-INTRUSION ALARM

The On-Guard vehicle burglar alarm is a system which activates a siren when a door, hood or trunk is opened. This unit will not activate if a window of the vehicle is broken and entry is made through that window. The On-Guard system will guard against attempts to install explosive devices in a car provided entry is attempted through one of the above mentioned ports.

SPECIFICATIONS

NO. OF MICROSWITCHES: 6
SYSTEMS SWITCH: Electrical lock

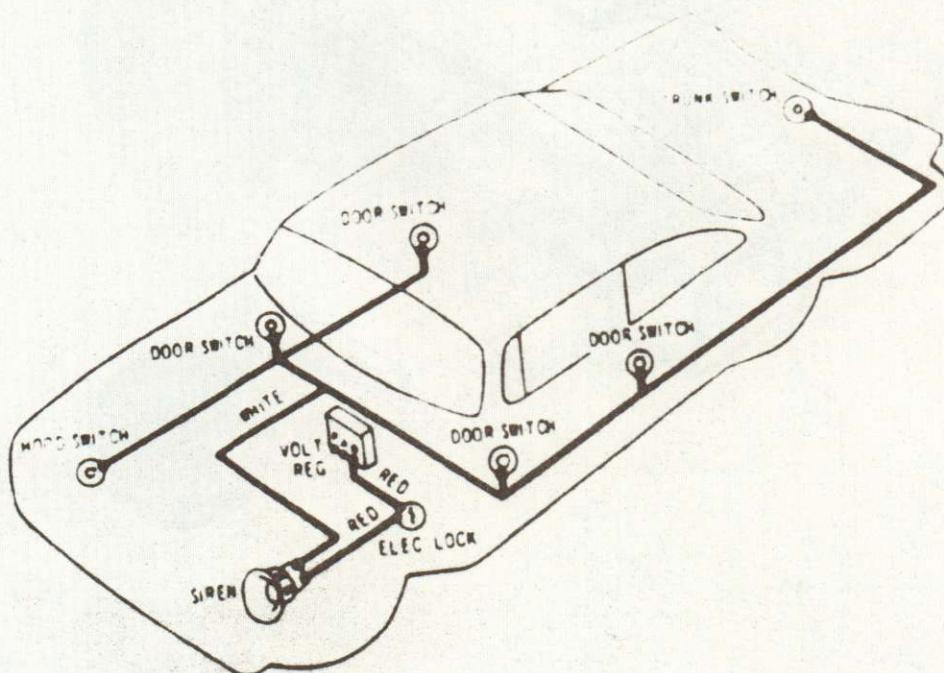
SOUND DEVICE: Siren

COST

MODEL NO.	ITEM	UNIT COST
SUK12	On-Guard, Deluxe Siren Operated Alarm	1-12 \$20.00 ea. 13-24 19.00 ea. 25-95 18.00 ea. 96-Up 16.00 ea.

Add \$1.00 for improved lock if desired.

ORDERING SOURCE: Supplier 13



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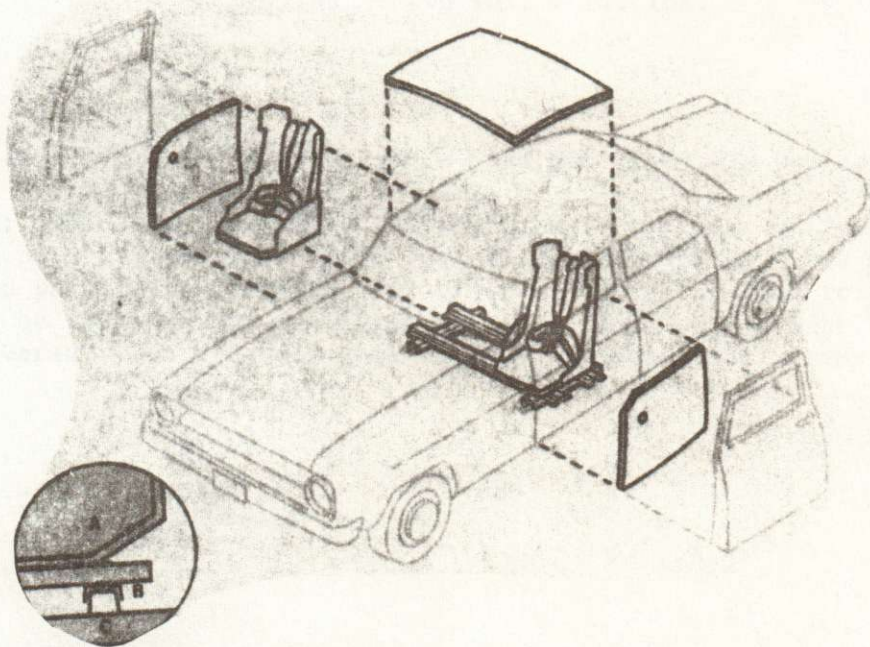
VEHICLE ARMOR

Composite ceramic armor can be provided in kits. This armor can be installed with a screwdriver, small adjustable wrench and a quarter-inch drill. The configuration of the kit depends upon the degree of protection desired. The following configurations are available:

- a. Front seats and side door panels.
- b. Front seats, side door panels and roof panel.
- c. Front seats, front and back door panels and back seat.
- d. Front seats, front and back door panels, back seat and roof panel
(This configuration will require a reduction in passenger load or heavy duty shock absorbers will be needed).

The back of the seats will protect against .30 caliber armor piercing bullets. The bottoms of the seats will protect against all hand guns to include the .357 magnum. Side panels and roof will provide the same protection as the back of the seats.

The following figure is an example of a kit for protection of the front seat of an automobile:



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ORDERING SOURCE: Supplier 3

PRICE CALCULATION TABLE

COMPONENTS	WEIGHT	SQUARE FEET
2 door car side panels	140 lbs.	16
4 door car side panels	210 lbs.	24
2 front bucket seats	120 lbs.	14
1 ceiling	140 lbs.	16
1 back seat	140 lbs.	16

COSTS PER POUND IN QUANTITIES

1 Car.....\$10,000 flat rate	26-50 Cars, \$112.00 per sq. ft.
2-5 Cars.....130 per sq. ft.	51-99 Cars, 104.00 per sq. ft.
6-10 Cars.....124 per sq. ft.	Over 100.... 100.00 per sq. ft.
11-25 Cars.....118 per sq. ft.	

EXAMPLE COMPUTATION

20 two door cars, with seats, side panels, and ceiling:

$$\begin{array}{rcl}
 14 \text{ sq. ft.} + 16 \text{ sq. ft.} + 16 \text{ sq. ft.} & = & 46 \text{ sq. ft.} \\
 120 \text{ lbs.} + 140 \text{ lbs.} + 140 \text{ lbs.} & = & 400 \text{ lbs.} \\
 & & \times 20 \text{ cars} \\
 & & 8000 \text{ lbs.} \\
 & & 920 \text{ sq. ft.}
 \end{array}$$

920 sq. ft. @ \$118 per sq. ft. = \$108,560 or \$5,428 per car.

NOTE: When kit is ordered the model, make and year of the automobile must be supplied since front seat rails and back seat are molded to fit a particular vehicle. For orders of 40 kits, four to six weeks will be required for the first kit to be delivered. After initial kit delivered, five kits per week will be produced until order is complete.

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BULLET RESISTANT METAL

Aluminum, 2024, T3, 3 1/16 of an inch (.190) may be used as armor plating material. This metal has not been designed as armor plate but will provide protection against 9 mm, .38 caliber, .45 caliber and similar hand gun rounds. IT WILL NOT PROVIDE PROTECTION AGAINST ARMOR PIERCING AMMUNITION OR RIFLE AMMUNITION. This metal may be cut into sheets to fit inside of brief cases. It may also be cut into sheets equipped with hangers, similar to those used to hold a child's seat on the back of the front seat of a car, and used as a back plate for an automobile.

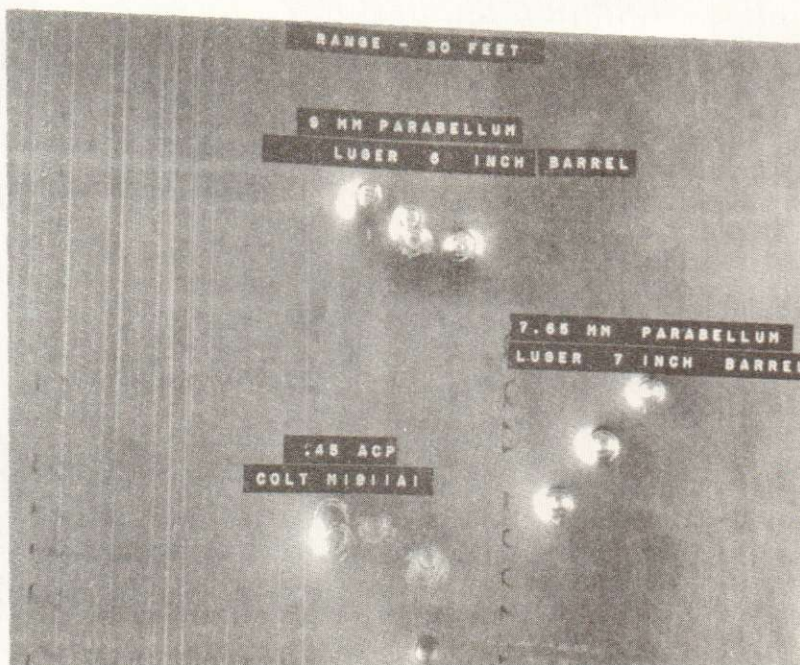
SPECIFICATIONS

NOMENCLATURE: 2.24 T3 aluminum (.190) WEIGHT: 2.74 pounds per square foot

COST

1 sheet, 4 by 12 feet (132 pounds per sheet) @ 96¢ per pound - \$126.72
5 sheets, 4 by 12 feet (132 pounds per sheet) @ 81¢ per pound - \$532.98
10 sheets, 4 by 12 feet (132 pounds per sheet) @ 75¢ per pound - \$986.25

ORDERING SOURCE: Supplier 17



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SIREN

The vehicular siren, non-coaster (28^u60" series) is designed for under the hood mounting. The unit has an enamel finish with a protective grill. It is not encased in a streamline case for external mounting.

SPECIFICATIONS

LENGTH: 9½ inches

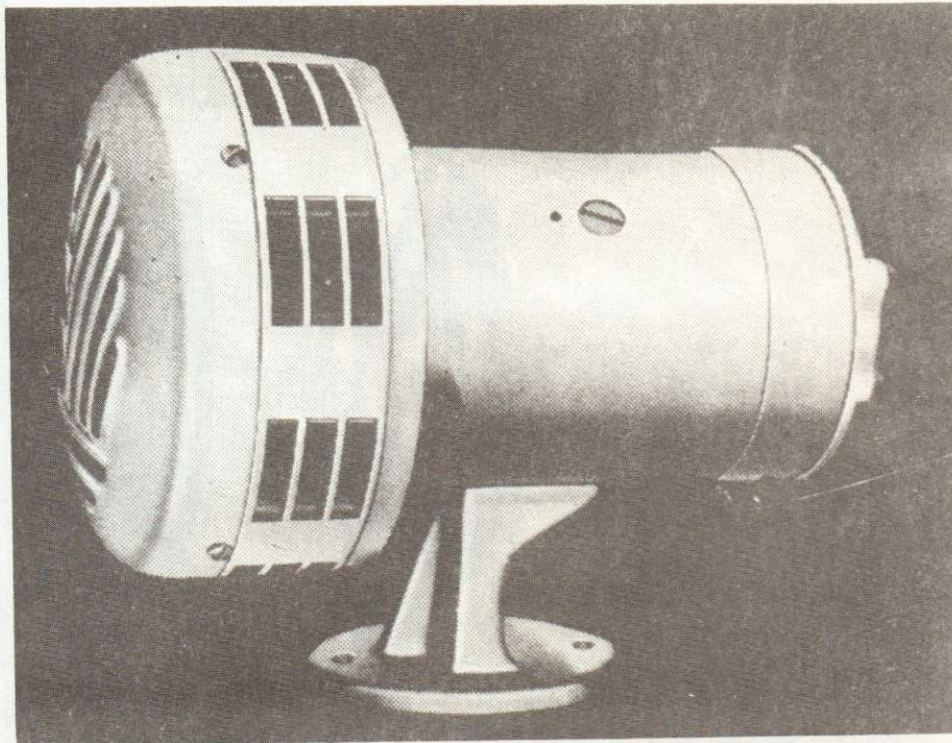
HEIGHT: 8 inches
WEIGHT: 24 pounds

DIAMETER: 7 inches

COST

ITEM	UNIT COST
Non-Coaster Heavy Duty Siren without Streamline Case, enamel finish with protective front grill (28)	\$95.00

ORDERING SOURCE: Catalog No. 2, pp 70



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GRILL MOUNTED LIGHTS

Lights which may be mounted in front of (or behind, depending on automobile construction) the grill of an automobile may be obtained in pairs. The set of lamps come complete with a flasher, illuminated switch, wire fuse, and terminals. The acrylic lens will not fade or craze. Lens may be obtained in the following colors: Amber, Red, Blue or Clear.

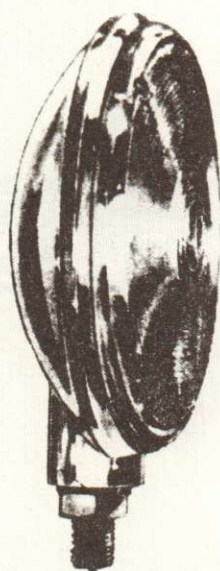
SPECIFICATIONS

POWER: 6 or 12 volts FINISH: Chromium Plate LENS: 4½ inches
BODY: Die casting (rust and corrosion proof)

COST

MODEL NO.	ITEM	UNIT COST
370C-2 (add a 6 to this number for a 6 volt system and a 12 for a 12 volt system)	Grill Mounted Lights	\$18.00

ORDERING SOURCE: Catalog No. 2, pp 73



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SPECIAL POLICE SHOTGUN

The High Standard Model 10 has been specially designed for police and protective needs. This weapon, because of its size, may be easily handled inside of an automobile. The unit fires the 12 gage 2 3/4 magnum and high brass. The stock yoke of the weapon will pivot 360 degrees. This permits the weapon to be fired while in a canted position without causing shoulder bruise.

SPECIFICATIONS

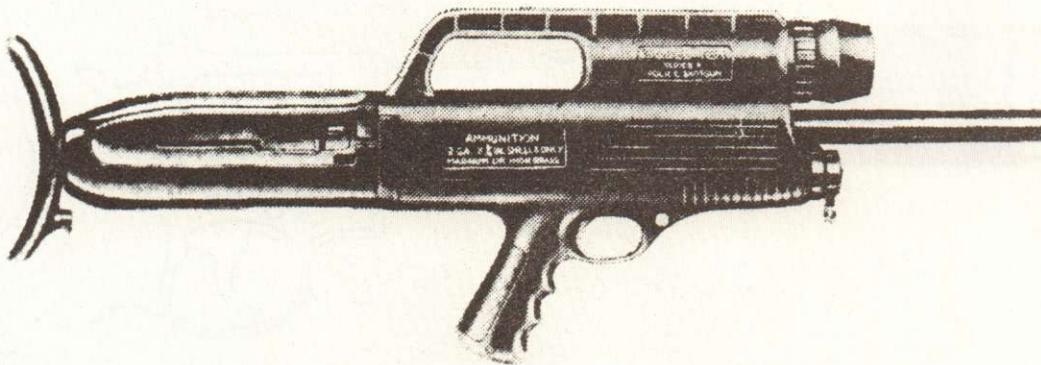
BARREL LENGTH: 18 inches
HEIGHT: 9 inches

OVERALL LENGTH: 27 inches
CARTRIDGE CAPACITY: 5 (one
in chamber and 4 in magazine)

COST

CATALOG NO.	MODEL NO.	ITEM	UNIT COST
A1401	10	High Standard Model 10	\$150.00

ORDERING SOURCE: Catalog No. 1, pp 57



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PI-108

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GRENADA LAUNCHER

The Lake Erie Mighty Miget Grenade Launcher may be carried in pockets, in car glove compartments and in kits. It is especially useful in situations where a limited amount of gas is desirable.

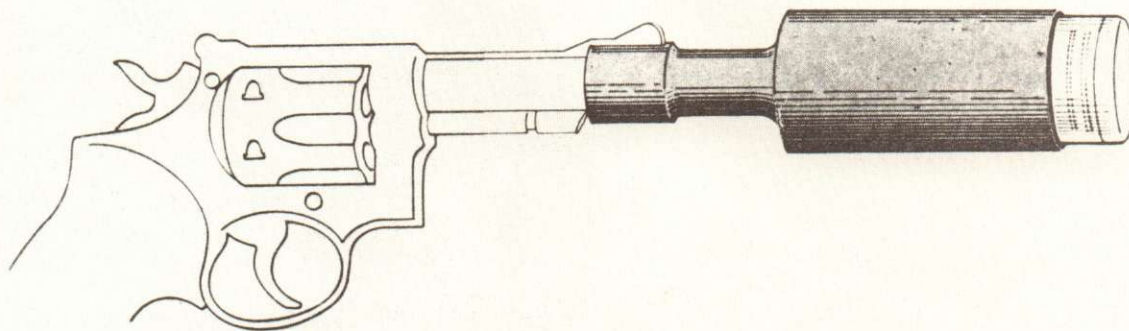
SPECIFICATIONS

DIMENSIONS: 5" x 1 3/8" diameter	WEIGHT OF GRENADE: 4 ounces
CONTAINER: Aluminum	WEIGHT OF CONTENTS: 50 grams
FUSE: Manual Percussion Type	FUSE DELAY: 2 1/4 seconds
BURNING TIME: 30 seconds	

COST

STOCK NUMBER	ITEM	UNIT COST
No. MG-K	Complete Kit - 12 grenades, launcher, cartridges and case complete.	\$65.00
No. MG-1	Miget Grenade, CN	3.75
No. MG-2	Miget Grenade, CS	3.75
No. MG-L	Universal Miget Launcher	15.50
No. MG-LC	Launching Cartridge	.25

ORDERING SOURCE: Catalog No. 1, pp 5



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