



SECURITY FACTS!!



A Quarterly Physical Security and Security Technology Newsletter

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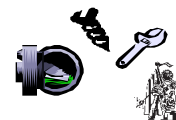
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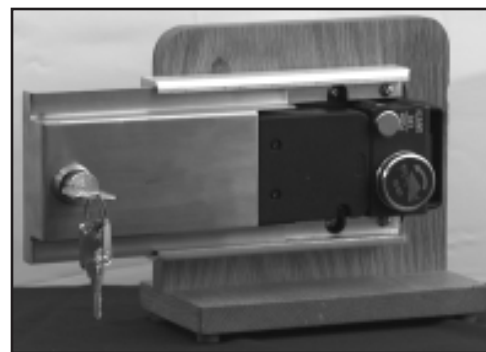
EQUIPMENT



Deter Tampering of Combination Locks

New Product Available in Two Styles

Federal Security Systems is marketing a "service cover" for use with mechanical and electromechanical combination locks mounted on pedestrian doors. The cover slides over the back of the combination lock and is secured in place by a MEDECO cam lock. It is intended to deter tampering, unauthorized service, and combination changes. The service cover comes in two styles that accommodate various styles of combination locks. Installation and operation instructions are included with each cover.



Service cover.

Note: There is no DoD requirement to use this product. Lock custodians or security managers should use discretion regarding the application of this product.


Complete information on the service cover may be obtained from:

Federal Security Systems, Inc.

152 Hillwood Avenue

Falls Church, VA 22046

Phone: (703) 241-4575

FAX: (703) 241-4577 



The Technical Support Hotline Always at your Service!

(805) 982-1212 or DSN: 551-1212

Email: dodlock@nfesc.navy.mil

Fax: (805) 982-2444, 1553, 1253

or DSN: 551-2444, 1553, 1253

Emerging Security Technologies Analyzed

Advisory Services Offered by Security Engineering Division



Let NFESC's Security Engineering Division provide you with unrivaled security support. By taking advantage of the security engineering expertise available at the Center, agencies can leverage their dwindling security budgets to obtain security consultation, technical advice, research, and engineering support. A few of the major efforts executed by the Security Engineering Division include:



The DoD Lock Program. This program is responsible for design, development, acquisition support, and lifecycle support of locking devices and systems, security containers, related equipment, and criteria used by all DoD departments and agencies.



The Internal Locking Device (ILD) Project. The DoD Lock Program is developing the ILD as a cost effective alternative to padlock and hasp systems used by DoD to secure valuable and sensitive assets. The ILD mounts on the inside of doors and can be adapted to fit personnel and armory doors. Integrating the ILD with transceivers that assess lock status from remote locations or robots can help reduce guard costs.



The Security Technology Project. Technical and managerial support for retrofitting combination locks for all DoD military departments and defense agencies is provided through this congressionally mandated project. The project evaluates new and evolving attack technologies and assesses potential vulnerabilities that may reduce the effectiveness of locks or other products used to protect classified material.



Risk Management. NFESC's Security Risk Assessment Methodology is designed to look at the total picture. It uses both QUANTITATIVE (Surveys and Data Gathering) and QUALITATIVE (Expert Evaluation) approaches. The Center's security professionals use analytical tools and security technologies to help DoD and other government agencies identify efficient and cost effective measures

to enhance their security posture. A systems risk management approach is used to identify asset threats and risks. Cost effective countermeasures are then selected to mitigate those risks. In other words, ESC has developed an analysis tool to allow managers to establish asset protection appropriate for their value and likelihood of an attempt to compromise them.



DoD Explosive Detection (ED) Program. Under this program DoD receives technical and managerial support for research, testing, and evaluation of explosive detection equipment and devices. Additional services include engineering, procurement, training, installation of equipment, and development of technical publications. The current focus is to test and evaluate commercial-off-the-shelf explosive detection equipment and provide guidance on the purchase, use, and health and safety issues involving ED equipment.



Training and Criteria Projects. Force protection/anti-terrorism, security engineering, physical security courses, guidebooks, handbooks, and specifications are some of the products available. Two recently completed guidebooks help security personnel confront terrorist bomb threats:

(1) *Guidebook on Security Glazing Applications.* Guidance and data to select security glazing materials that resist blast, ballistic, and forced entry attacks.


(2) *Guidebook on Protection Against Terrorist Vehicle Bombs.* The processes and criteria for making informed decisions on security measures for protection against vehicle bombs.


Upcoming products include a Military Handbook on Vehicle Barriers, technical data sheets on blast mitigation, and a security-engineering design course. 

lock talk...




Wondering What These Terms Mean?

 **Hinged Shackle:** A shackle whose heel is permanently mounted to the padlock case in a manner which allows the shackle to pivot to open.

 **Shrouded Shackle:** A shackle which is protected from cutting or tampering by design or by the use of secondary shields.

Please note the following correction to the definition that appeared in the last issue:

 **Toe (of a padlock):** Part of the shackle that may be removed from the lock body.

Courtesy of The Professional Glossary of Terms relating to Cylinders, Keys and Master Keying, compiled by the ALOA-sponsored National Task Group for Certified Training Programs, Master Keying Study Group

Security Facts!!

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NFESC



Using Appropriated Funds

The views and opinions expressed in this publication are not necessarily those of the Department of Defense.



Frequently-Asked Questions

The answers you need are here!

How is the dial removed from an X-07 or a CD-X07 once the lock is installed?

The following procedure should be used to replace or service the LCD or to remove the lock from the container if the container is unlocked:

1. Remove the two phillips screws from the back of the lock and remove the back cover. Be careful not to damage the 11-pin and the 2-pin connector.

2. Using a 3/32-inch allen wrench, remove the screw in the center of the drive cam.

3. Pull the dial and spindle out of the dial ring.

Note: If the container is locked, contact the **Hotline** for specific opening instructions. 



How to Maintain Container Security

New Federal Standard Now Available

Federal standard FED-STD-809, *Neutralization and Repair of GSA-Approved Containers*, dated April 1, 1998, describes the approved procedures for opening and repairing GSA-approved security containers and vault doors. These procedures must be followed to maintain the security integrity. Vault doors and containers procured under the following specifications are addressed:

AA-F-358	Security Filing Cabinets
AA-F-363	Map and Plans/General Purpose Cabinets
AA-C-2859	Weapons Containers
AA-V-2737	Modular Vault Panels
AA-D-600	Security Vault Doors
AA-D-2757	Security Vault Doors
AA-F-357	Insulated Security Filing Cabinets
AA-F-2815	Class 7 Security Filing Cabinets
AA-S-1518	Tool-resistant Security Cabinets

The standard includes detailed neutralization and repair procedures which need to be followed in order to recertify GSA-approved containers and vault doors. It includes required tools and equipment, layout and marking, drilling or cutting methods, and specific repair operations. The standard also includes safety and security precautions to help prevent injury and ensure integrity of the classified material. Neutralization methods and repair procedures found in the standard include:

Neutralization Methods

- (1) Drilling into the combination lock to manipulate the lock components and allow retraction of the lock bolt.

- (2) Using a drill and hole saw to cut the drawer face and drawer bolts to allow retraction of the container bolts.


- (3) Using a circular saw and abrasive metal cutoff blade to cut the drawer face and drawer bolts to allow retraction of the container bolts.

Repair Procedures

- (1) Replacement of damaged or altered parts with new or cannibalized parts.

- (2) Replacement of the lock and proper repair of the hole if neutralization method 1 is used.

- (3) Replacement of the drawer head if neutralization methods 2 or 3 are used.

It is important to contact the manufacturer to ensure the equipment is not under warranty before attempting neutralization procedures. During the warranty period on the container or vault, generally one year from the date of manufacture, the container manufacturer should open the container if the lockout is due to failure of the locking system (CONUS only). 



*DISC now
accepts the
I.M.P.A.C. card!*

How to Purchase X-07 and CD-X07 Locks If you purchased your locks from a commercial source, you paid TOO much!

Save \$BIG BUCKS\$ by using the Defense Industrial Supply Center (DISC) to purchase combination locks! Do some comparison shopping and see for yourself! Costs of open purchases versus purchases through DISC are shown below.

Item	Defense Industrial Supply Center (DISC)	Any Open Purchase
X-07 for GSA-approved security containers and GSA-approved vault doors. NSN: 5340-01-357-6446 Additional Items:	\$491.04 Extra bolt Kit for mounting on small hole Mosler containers (manufactured from late 1986 to October 1990) Mounting screws (Two different lengths)	\$745.00 to \$1390.00 Lock Only
CD-X07 Combination Deadbolt for Pedestrian Doors with a non-drill-resistant mounting plate. NSN: 5340-01-393-7058 Additional Items:	\$574.74 Dial ring mounting plate (required for Government installation)	\$900.00 to \$1400.00 Lock Only
CD-X07 Combination Deadbolt for Pedestrian Doors with a drill-resistant mounting plate. NSN: 5340-01-381-6402 Additional Items:	\$679.13 Dial ring mounting plate (required for Government installation)	\$1,000.00 to \$1,600.00 Lock Only

***Contact for assistance
Defense Industrial Supply Center (DISC)
700 Robbins Avenue
Philadelphia, PA 19111
(215) 697-9209 or DSN 442-9209*** 





External Labels Identify GSA-Approved Containers and Doors

The General Services Administration (GSA) has the responsibility for developing and maintaining Federal Specifications for security containers and doors used by federal agencies to protect classified information and sensitive assets. Products that pass testing requirements listed in these Federal Specifications are given GSA approval labels.

Labels are attached to the outside face of the container or door. The color and wording of the label indicate the type of material the container or vault is approved to store. These labels state that the product is GSA-approved, the type of product (security container, vault door, etc.) and the name of the manufacturer. The labels shown at the right are examples.

GENERAL SERVICES ADMINISTRATION

APPROVED

SECURITY CONTAINER

HAMILTON
PRODUCTS GROUP, INC.

GENERAL SERVICES ADMINISTRATION

APPROVED


SECURITY CONTAINER

Mosler

Examples of GSA approval labels.

GSA-approved containers and vault doors manufactured prior to 1990 had labels with either a black background with silver letters or a silver background with black letters. Containers manufactured after 1990 are labeled as follows:

- Class 5 Vault Door - Silver with red letters
- Class 5 & 6 Filing, Cabinet (Legal & Letter Sizes) - Silver with red letters
- Class 5 & 6 Map & Plan Containers - Silver with red letters
- Information Processing Systems (IPS) Container - Silver with blue letters
- Class 5 Weapons Container - Silver with red letters (Weapons Container)
- Class 5 Vault Door for Weapon Storage - Silver with red letters (Armory Door)
- Class 7 Filing Cabinet - Silver with green letters

See the next issue of "Security Facts" for an article on GSA labels attached to the inside surface of GSA-approved containers and vault doors. 

WANTED



CONTRIBUTIONS WELCOME!

SEE YOURSELF IN PRINT AND RECEIVE A DOD LOCK PROGRAM T-SHIRT!

We'll do the writing, just tell us the facts. Take a minute and fill in this form. Fold and mail. We'll do the rest. Look for your story in an upcoming issue!

Topic: _____

Key contacts: _____ Phone # _____
_____ Phone # _____
_____ Phone # _____

Who: _____

When: _____

Where: _____

What: _____

Why: _____
