



## International Society of Fire Service Instructors "THE PROP SHOP"



**Prop Shop:  
2004-01**

**Forcible Entry Door Simulator (FEDS)  
Confined Space Services, Inc., Cedar Knolls, NJ 07927**

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### THE FORCIBLE ENTRY DOOR SIMULATOR (FEDS Unit)

The FEDS Unit is a portable door simulator that will allow you and your members to conduct real in-house forcible entry training without ever leaving your station. This unit can be set up for inward and outward opening doors. Conventional forcible entry methods can be used in training such as the irons (flathead axe and Halligan) or a hydraulic type tool (Rabbit tool or hydro ram).

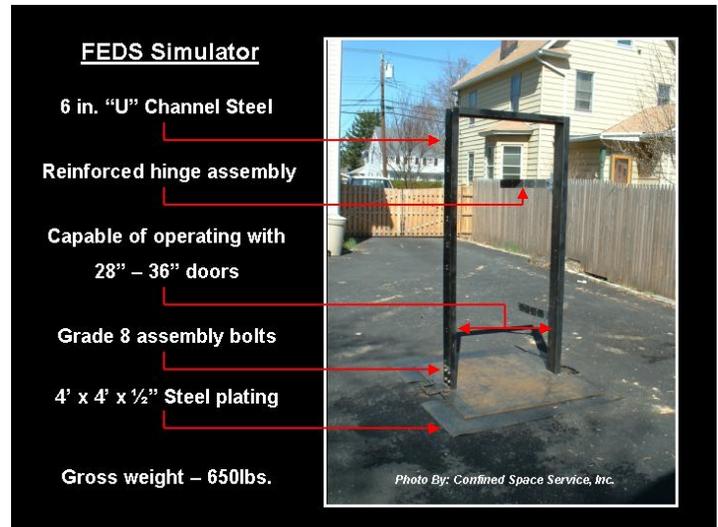
#### CONSTRUCTION

The FEDS Unit is made from six-inch heavy steel "U" channel assembled on a four foot by four foot by a half-inch thick steel plate. The unit is assembled with grade "8" bolts and weighs approximately 650lbs. All you will need to assemble the unit are a set of sockets and a cordless drill.

#### THE DOORS

The FEDS Unit is designed to accept a 28" thru 36" door of standard height. Steel, metal slab or solid wood doors can be used. Doors with glass can be used but the glass should be removed prior to training. Most doors can be used for four to six training evolutions depending on the number of locks used and the quality of door.

Where do you get doors to use and destroy in training? There are many sources to choose from. Most manufactures, if they know the Fire Department can use them, would rather donate old doors they remove from a job than pay to throw them away. Home centers usually have damaged doors they cannot sell. Other ideas that work are to have the local newspaper write an article about your Department's on-going training and your need for old doors. Inform your community that you are having a door drive and many people with old doors may call and offer an old door that is sitting in the attic or general storage. If a vacant building is being torn down in your district, contact the owner about removing the doors prior to demolition. Your sources are endless, just use your imagination and the need will be filled.



#### LOCKING DEVICES

For the outward opening door we use up to two Barrel bolts secured to the door. The inward opening doors can be set up with one to five locks depending on the amount of difficulty desired. The lock for the inward opening doors are made of two-inch steel "U" channel bolted to the frame. The bolts provide the necessary resistance.

#### THE FEDS SYSTEM (Commercially available through Confined Space Services, Inc.)

Confined Space Services, Inc. is a conglomerate of fire service professionals dedicated to providing quality products for forcible entry training.

#### VIDEO DEMONSTRATION

For a video demonstration of the FEDS system, visit our website at: [www.ISFSI.org](http://www.ISFSI.org)