



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



Prop Shop:  
2004-03

**Security Bar Simulator**  
TES<sup>2</sup> - Training & Education Services, Savannah, GA

Mar.  
2004

## SECURITY BAR SIMULATOR (SBS)

The SBS is an economical simulator that will allow you and your members to conduct real in-house forcible entry training using an existing training facility (i.e. Burn Building) or an acquired structure. This simulator can be constructed for less than \$50.00 with the only reoccurring cost being the replacement of 1/2" rebar cut to fit the specified window assembly. Firefighters can be trained in the use of K-12 saw operations, hydraulic cutter usage, portable saw-zaws, acetylene & exothermic torches, and/or similar such cutting tools.

## CONSTRUCTION

The SBS is constructed using 1/2" rebar, standard 2" x 4" x 8' lumber, 1/2" all-thread, and carriage bolts. The amount of rebar and lumber needed will be dependent upon the window opening. To replace the damaged rebar, simply loosen the carriage bolts to allow the precut rebar to be inserted and tightened until snug.

### Security Bar Simulator

1/2" in. Rebar

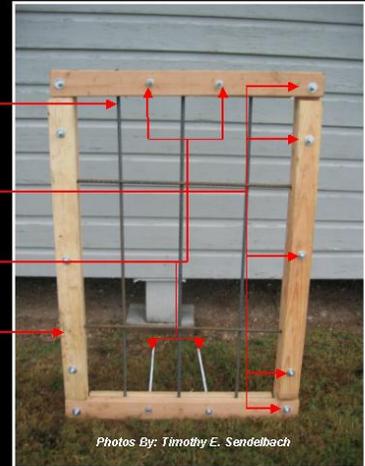
4" x 1/2" Carriage Bolts w/  
Washers

1/2" All thread w/ Washers

2" x 4" Window Assembly

#### Supplies Needed

(4) 1/2" Rebar - 56", (2) 1/2" Rebar  
39 1/2", (10) 4" Carriage Bolts w/  
Washers, (6) 2" x 4" x 8'



## FOR MORE INFORMATION

Contact Timothy E. Sendelbach at [tesendelbach@msn.com](mailto:tesendelbach@msn.com) or visit [www.TES2training.com](http://www.TES2training.com)