

**THE "TRUCKMUN"**

Prop Shop: 2004-6/7



**Savannah Fire & Emergency Services Savannah, Georgia 31410**

**THE "TRUCKMUN"**

The "Truckmun" Prop was designed and developed to enhance Truck Company skills in vertical ventilation, forcible entry, hand tool usage; power saw discipline and control, forcible entry operations, and utility isolation. The "Truckmun" features evolutions involving vertical ventilation chopping skills, chain saw operations, K-12 saw usage/control, and gas meter utility isolation using a spanner wrench or similar such hand tool.

The "Truckmun" was constructed using treated 4" x 4" timbers, 2" x 4" and 2" x 6"s for longstanding resistance against the weather. All components have been assembled using carriage bolts for disassembly and mobility purposes. All permanent sections (i.e. 4" x 4" framing) is constructed using 6 1/2" lag bolts.



**CONSTRUCTION / MATERIALS**

The supplies needed to construct the "Truckmun" include:

- (7) 4" x 4" x 8'
- (3) 2" x 4" x 8'
- (1) 4' x 8' x 1/2" CDX plywood
- (8) 6" x 1/2" 10" x 1/2" Carriage bolts
- (10) 8" x 1/2" Carriage bolts
- (8) 6 1/2" x 1/2" Lag bolts – connects 4" x 4" framing
- (3) Sections of All Thread 1/2" x 24" – Cut to join 4" x 4"s at the rotational cut section
- (2) Bundles of standard roofing shingles
- (1) 4' x 8' covering of standard roofing tar paper
- (1) 11lb box of standard roofing nails
- (1) 48" section of utility pole – will need multiple sections for each course of instruction
- (4) Security bars (Window sections)
- (1) Gated door section
- (6) 1/2" x 8' sections of rebar
- (20) Thumb screws (used to hold replaceable rebar sections)

**The "Truckmun" Trainer**

- 4" x 4" Treated Timber
- Acquired security bars
- Standard utility pole
- 4'-6' lengths (Recommended)
- 2" x 4" cross bracing
- Replaceable 1/2" rebar

Total Cost < \$500.00

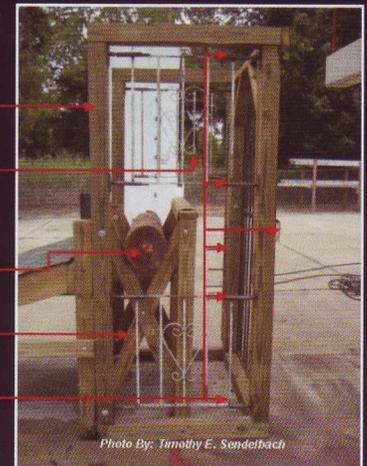
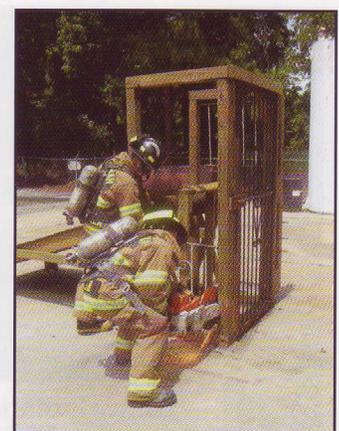
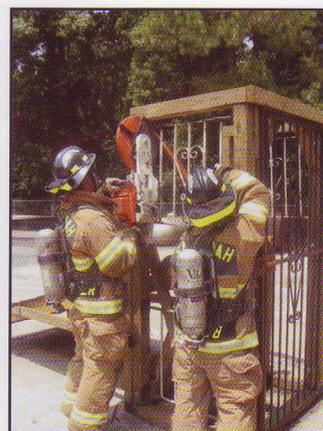
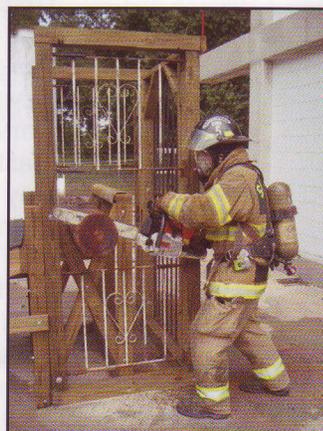
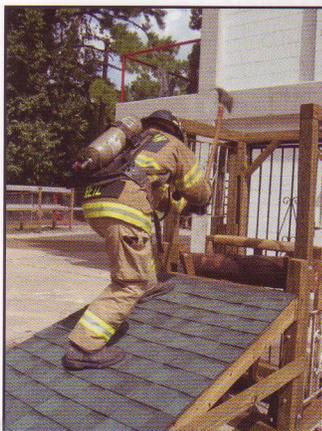


Photo By: Timothy E. Sendelbach

**RECOMMENDED DRILLS:**



**Step 1** – Using a pick head axe - chop utility pole for 2 minutes.

**Step 2** – Using a standard chain saw – cut (1) 2" section off the end of the utility pole

**Step 3** – Using a K-12 saw with a metal blade – cut the four sections of replaceable rebar (security bars)



**Gated doorway cut**

**Step 4** – Using a K-12 saw with a metal blade – cut the replaceable section of rebar to force the gated doorway

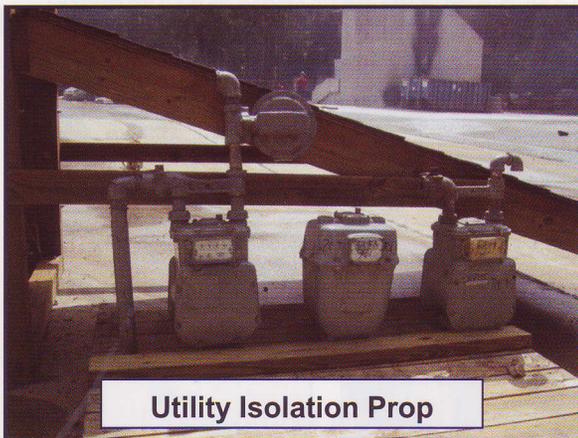
**Step 5** – Using a K-12 saw with a metal blade – cut the replaceable sections of rebar using rotational cuts

**Step 6** – Using a K-12 saw with a metal blade – cut the four sections of replaceable rebar (security bars)

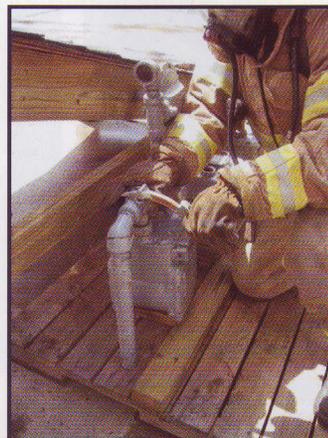
**Step 7** – Using a standard spanner wrench – secure the utilities



**Rotational Cut Section**



**Utility Isolation Prop**



**CREDITS:**

The "Truckmun" Prop was designed and constructed by Savannah Fire & Emergency Services Training Division, Master Firefighters Todd Heil, Roy Howard and Chief of Training Tim Sendelbach

**Utility Isolation Prop**

Additional information about the use and construction of this prop can be obtained by e-mailing Chief Sendelbach at [tesendelbach@msn.com](mailto:tesendelbach@msn.com).