

Developed By  
Innovative Tactical Training Solutions  
Techline Technologies

# TOMManikin Deluxe Package



# TOMManikin Deluxe Package

- The ability to enhance Tactical Combat Casualty Care (TCCC) from Point of Injury to transfer of higher care
- All in one system to build multiple PR Scenarios
- Creates Full Mission Profile (FMP) with minimum manpower and resources
- Offered in two configurations, you have the ability to maximize your purchasing power

# TOMManikin Deluxe Package

- TOM - 0000 - Basic TOM Man
- TOM - 0001 - GSW TOM
- TOM- 0002 - Blast TOM
- TOM -EXT -Extended Care Kit
- TOMSCBA - Air Refill Unit
- M000-M010 - Deluxe Moulage Kit
- M011 - Burned Face
- M012 - Wound Extender
- M051 - Partial Arm Amputation
- M052 - Partial Leg Amputation
- M901 - Multiple Gunshot Abdomen
- AHT - Armor Hatches with training stand
- H-60 CASEVAC Trailer with ITTS Sensory Control Unit /Camera Package
- 8 Hours of training in the Continental United States

# Tactical Operation Medical Manikin TOMManikin



# TOMManikin Features

- Designed for both classroom settings and field training scenarios
- Appendages present a variety of wounds including gunshot, blast and burns to provide full mission profiles in combat scenarios.
- Durability and realism make it a cost effective, educational trauma training tool capable of surviving the rigors of TCCC, APT and Tactical Medicine.

# TOMManikin Features

- Durable - withstands drops, falls and drags
- Sturdy steel frame and joints
- Weight is (130-150 lbs)
- Quick replacement of extremities for flexibility for multiple wounds patterns
- All extremities are interchangeable
- Low maintenance requirements
- Rugged Softech® skin
- Compatible with all *Techline Trauma wounds*

# TOMManikin Procedures

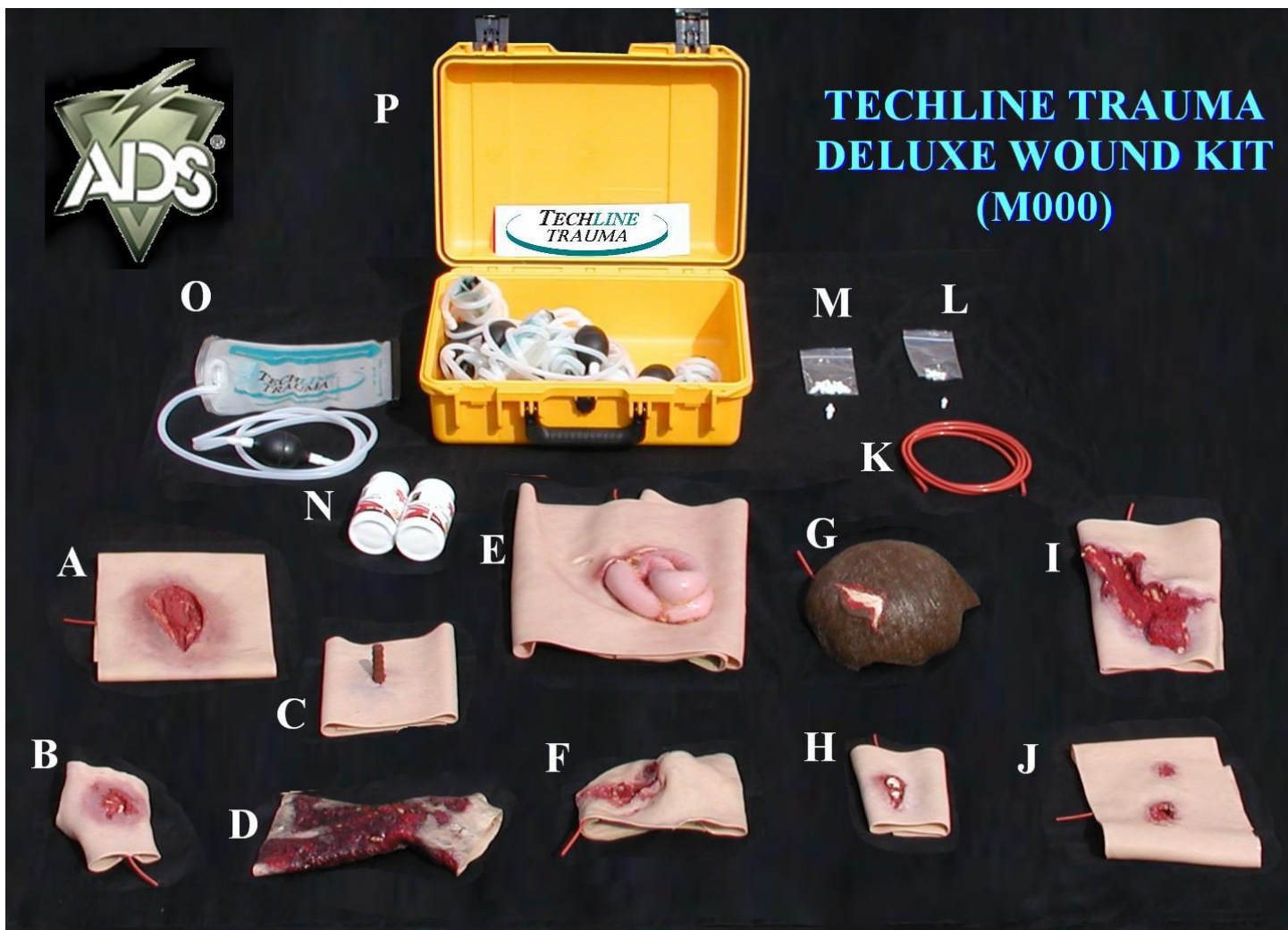
- Nasopharyngeal and oral airways
- Needle decompression
- Packable evisceration
- Wound packing
- Bends and rotates for realistic patient movement
- Bi-lateral rise and fall of chest
- Massive bleeding from multiple location
- Tourniquet capable
- Surgical airway
- Remote control allows instructor to control talking, breathing and bleeding



# TOMManikin Full Mission Profile Scenarios



# Techline Trauma Wearable Wounds



# Deluxe Wound Kit

- Designed to teach skills and build muscle memory outside the classroom environment
- No make-up necessary
- Realistic texture
- No straps to tear or break
- Allows actual clinical interventions
- Realistic blood flow
- Limits the need for instructor guidance in simulations
- Integrates with all current simulations and moulage techniques

# Techline Wearable Wounds



# HH-60 Trainer



# HH-60 Trainer

- The HH-60 Medical Simulator is a tool that is used to increase efficiencies during the initial point of injury and tactical evacuations phase of care.
- The HH-60 simulator has a variety of options that enhance the simulated battlefield at any location.

# Configuration

- Allows for combat configuration of equipment



# HH-60 Trainer with Sensory Control Unit

- Allows each unit to configure to Standard Operating Procedures
  - Cabin height, width, and length to realistic sizes
  - Internal fuel tank
  - Day or night operations
  - Treatment platform for CASEVAC training
  - Used as a HH-60 crash site
  - Black out during day time operations
  - Realistic crew securing landmarks
  - Patients can be properly secured
  - Reinforced Rings



# HH-60 Trainer with Sensory Control Unit

- Manual and Remote
  - High powered amplifier and speakers to introduce the aircraft noise.
  - Aircraft lighting
    - White
    - Green/blue
  - High powered fans to simulate rotor wash
  - All of these functions are controlled by a single ITTS operating unit.

# HH-60 Trainer Operating System

- Portable and reusable operating system for realism of combat medical training without heavy demand on personnel.
- Provides the capability to train appropriate personnel on the proper methods of administering medical aid to occupants from the interior of a structure within the parameters of a training exercise.
- PC controlled unit, with a custom designed interface that allows for an increase/decrease in the level of stress on the trainee via the control of environmental factors.
- Environment factors include light, noise, wind (fans), water, smoke (foggers), and other specialized components.

# HH-60 Trainer Self Sustained Operation



Crash Site  
Lights and Fan for wind  
Power  
Manual  
Remote Access



# Armor Training Hatches



# Armor Training Hatches

- Portable and reusable training tool that enhances the realism of combat extrication training.
- Reconfigurable and reusable training device that reinforces extrication procedures for armored vehicles like the Stryker and Mine Resistant Ambush Protected (MRAP) vehicles

# ATH

- Functional replacements for both primary (troop) and secondary (side) openings.
- The trainer requires the use of actual extrication tools
- Requires the assessment of the incident area and how to build a quick plan to attack the problem of extrication
- Force the extricate occupants from the armored vehicle during full mission profile scenarios

# ATH

- Used in both academic and training scenarios.
- Actual cutting experience. Cut-away cotter pins (supplied and available for re-order) are the only non-salvageable exercise equipment, but are easily replaced once destroyed.
- Reconfigured (restored) easily, re-staging time is estimated at 20-30 minutes.

# Armor Training Hatches Components



Training Stand  
Top Hatches  
Side Hatches





# Contact Information

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<http://soldiersystems.net/2012/04/29/tactical-operationsmanikin/>

<http://www.youtube.com/watch?v=Nt5kBXmulmY>