



NORTH AMERICAN RESCUE®

Simulation

2021 Featured Product Guide
Military



NORTH AMERICAN RESCUE®

Simulation

2021 MULTI-PRODUCT FLIER

TOMManikin (see available configuration P/Ns on pg. 2)

- Available in light, medium and dark skin tones
- Two-way communications with instructor-worn Bluetooth headset
- Pelvic crepitus - *manually enabled/disabled*
- Re-engineered pelvic frame with rapid exchange lower extremities (*compatible with all existing TOMManikin lower extremities*)
- CPR chest (optional)
- Breath sounds and heart tones (coming soon!)

New skull with advanced airway - accommodates all traditional airways

2021 Head skins

- Healthy
- Burn
- Open Jaw Fx



MILSPEC-rated instructor tablet



- Operating: -20°C to 60°C (-4°F to 140°F) MIL-STD-810G
- Storage: -40°C to 70°C (-40°F to 158°F) MIL-STD-810G
- Drop / Shock: 26 drops from 1.2 m (4 ft) MIL-STD-810G
- Vibration: MIL-STD-810G
- Sand / Dust: IP65, IEC 60529
- Water: IP65, IEC 6052
- Humidity: 0 ~ 95% (non-condensing)



TAMI (Female) pictured

Available TOMManikin Configurations

TOMManikin Basic (P/N 93-0035)

Complete arm amputation - Features complete amputation above the elbow. Massive bleeding with dramatic soft tissue damage, exposed hard bone, discernable tissue layers. Responds to tourniquet application or brachial artery direct pressure application. ****This wound is interchangeable with other TOMMs**

Partial leg amputation - Features partial leg amputation below the knee. Massive soft tissue trauma with exposed hard bone, muscle and tissue layers. ****This wound is interchangeable with other TOMMs**

TOMManikin Blast (P/N 93-0036)

Open jaw fracture head skin - Features massive maxillofacial bone and soft tissue injuries, actively bleeds. Supports OP/NP/ET/Surgical airways. **** interchangeable with other TOMManikins**

Abdominal evisceration - Features intricate handcrafted attention to anatomical detail with visible tissue layers, and 10" of eviscerated bowel with peripheral ecchymosis surrounding large open wound. Massive bleeding with 'clampable' vessel.

Shrapnel wound arm - Features active bleeding, multiple soft tissue wounds, responds to tourniquet application. **** interchangeable with other TOMManikins**

Full amputation leg - Features massive bleeding, extensive soft tissue damage, exposed hard bone, visible tissue layers). Responds to direct junctional pressure and tourniquet application. **** interchangeable with other TOMManikins**

TOMManikin GSW (P/N 93-0040)

Sucking chest wound - Features anterior GSW entry & posterior exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

GSW to groin -Features GSW anterior entry/posterior exit with soft tissue trauma to penis and avulsed scrotum with prolapsed testicle. Wounds present with peripheral wound site ecchymosis, exposed sub-q fat layer and muscle striation. Entry wound is packable and responds to both peripheral and junctional tourniquet application and femoral pressure point application. ****This wound is interchangeable with other TOMM platforms**

GSW leg -Features through-through GSW to leg above the knee. Entry wound presents with small entrance hole with circular powder burn. Exit wound has exposed fat and wound site ecchymosis. Variable bleeding rate. Responds to both peripheral and junctional tourniquet application and femoral pressure point application. ****This wound is interchangeable with other TOMM platforms. Can be used as an impaled object using steel rebar, or wooden stake.**

TOMManikin GSW with Full Amputation (P/N 93-0369)

Sucking chest wound - Features anterior GSW entry & posterior exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

GSW to groin - Features GSW anterior entry/posterior exit with soft tissue trauma to penis and avulsed scrotum with prolapsed testicle. Wounds present with peripheral wound site ecchymosis, exposed sub-q fat layer and muscle striation. Entry wound is packable and responds to both peripheral and junctional tourniquet application and femoral pressure point application. ****This wound is interchangeable with other TOMM platforms**

GSW leg -Features through-through GSW to leg above the knee. Entry wound presents with small entrance hole with circular powder burn. Exit wound has exposed fat and wound site ecchymosis. Variable bleeding rate. Responds to both peripheral and junctional tourniquet application and femoral pressure point application. ****This wound is interchangeable with other TOMM platforms. Can be used as an impaled object using steel rebar, or wooden stake.**

Full amputation leg - Features massive bleeding, extensive soft tissue damage, exposed hard bone, visible tissue layers). Responds to direct junctional pressure and tourniquet application. **** interchangeable with other TOMManikins**

TOMManikin Water (P/N 93-0041) - Designed to be submerged up to 33 feet in either fresh or salt water.

Sucking chest wound - Features anterior GSW entry & posterior exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

-OR-

Abdominal evisceration - Features intricate handcrafted attention to anatomical detail with visible tissue layers, and 10" of eviscerated bowel with peripheral ecchymosis surrounding large open wound. Massive bleeding with 'clampable' vessel.

Closed fracture arm - Features ecchymosis and palpable crepitus. ****This wound is interchangeable with other TOMMs** **Partial leg amputation**

Features partial leg amputation below the knee. Massive soft tissue trauma with exposed hard bone, muscle and tissue layers.

****This wound is interchangeable with other TOMMs**

TOMManikin Confined Space (P/N 93-0110)

Sucking chest wound - Features anterior GSW entry & posterior exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

Shrapnel wound arm - Features active bleeding, multiple soft tissue wounds, responds to tourniquet application. ** interchangeable with other TOMManikins

Partial leg amputation -Features partial leg amputation below the knee. Massive soft tissue trauma with exposed hard bone, muscle and tissue layers. **This wound is interchangeable with other TOMMs

TOMManikin Burn (P/N 93-0037)

Burn Face - Features 1st, 2nd, 3rd-degree burns to face (supports all airway adjuncts) **head skin is interchangeable with other TOMManikins

Burn Arms - Features 1st, 2nd, 3rd-degree circumferential burns to both arms

TOMManikin CBRNE (P/N 93-0038)

Burn Face - Features 1st, 2nd, 3rd-degree burns to face (supports all airway adjuncts) **head skin is interchangeable with other TOMManikins

Sucking chest wound - Features anterior GSW entry & posterior exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

Abdominal evisceration (wearable moulage) - Features intricate handcrafted attention to anatomical detail with visible tissue layers, and 10" of eviscerated bowel with peripheral ecchymosis surrounding large open wound. Massive bleeding with 'clampable' vessel.

GSW to groin - Features GSW anterior entry/posterior exit with soft tissue trauma to penis and avulsed scrotum with prolapsed testicle. Wounds present with peripheral wound site ecchymosis, exposed sub-q fat layer and muscle striation. Entry wound is packable and responds to both peripheral and junctional tourniquet application and femoral pressure point application. **This wound is interchangeable with other TOMM platforms

TAMIKIN GSW (P/N 93-0039) Features female anatomy and voice. Wounds are located in sensitive areas requiring providers to expose and treat.

Sucking chest wound - Features anterior GSW entry under left breast with mid-axillary exit. Actively bleeds from both locations. Anterior wound mixes with air from onboard compressor to create bubbling bleeding effect). Supports chest seal application and pleural needle decompression.

GSW to groin -Features GSW anterior entry lateral of vulva with gluteal exit. Wounds present with peripheral wound site ecchymosis, exposed sub-q fat layer and muscle striation. Entry wound is packable and responds to both peripheral and junctional tourniquet application and femoral pressure point application. **This wound is interchangeable with other TOMM platforms

GSW leg - Features through-through GSW to leg above the knee. Entry wound presents with small entrance hole with circular powder burn. Exit wound has exposed fat and wound site ecchymosis. Variable bleeding rate. Responds to both peripheral and junctional tourniquet application and femoral pressure point application. **This wound is interchangeable with other TOMM platforms. Can be used as an impaled object using steel rebar, or wooden stake.

K9 Medical (93-0027)

- Redesigned all-metal frame
- Expanded joint range of motion
- CPR chest
- 5 interchangeable limbs with different injuries
- Improved airway
- Barks, Bleeds & Breathes
- 1L onboard blood capacity
- Wireless operation via NARS tablet



Advanced airway management



Open laceration

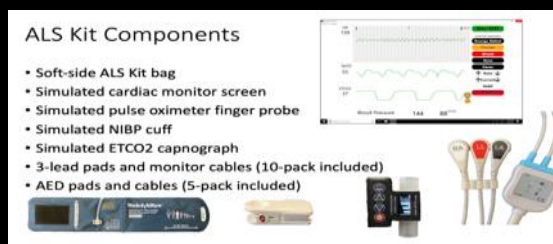


Complete amputation



Deluxe ALS Kit (93-0351)

- Features simulated NIBP cuff, SpO2 finger probe, and ETCO2 inline detector with waveform and digital value
- Simulated cardiac monitor screen with Lead II tracing rhythm, ETCO2 & SpO2 waveforms, NIBP. Fully functional monitor screen for defibrillation/AED mode, alarms, and rhythm synchronization
- All student-visible values controlled via NARS Instructor tablet (*included*)
- NARS software includes exportable student evaluation performance documentation



Patient Monitoring Suite with NARS Instructor Tablet (93-0071)

Disconnect your student's dependency on instructor "over-the-shoulder" input

The NARS Patient Monitoring Suite of simulators can be used in all phases of patient care for any human (role-player), or ANY patient simulator.

The NARS Capnograph Simulator is designed to be used as a mainstream carbon dioxide monitor that can be connected in-line with a mask or tube. Simulator displays include carbon dioxide partial pressure, respiratory rate and CO2 waveform.

The NARS Pulse Oximeter Simulator utilizes the widely used finger-style probe for monitoring blood oxygen saturation. Simulator display includes Heart Rate, SpO2 and SpO2 waveforms.

The NARS NIBP Monitor Simulator is designed to replicate a portable NIBP monitor. This simulator allows medical responders to gather vital signs without instructor intervention. Onboard controls allow various modes of operation. Display includes systolic & diastolic pressures (mmHg) and heart rate.

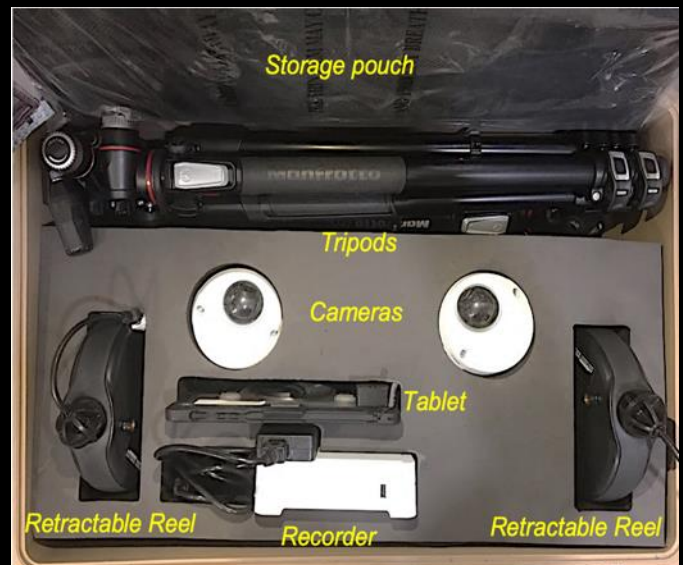


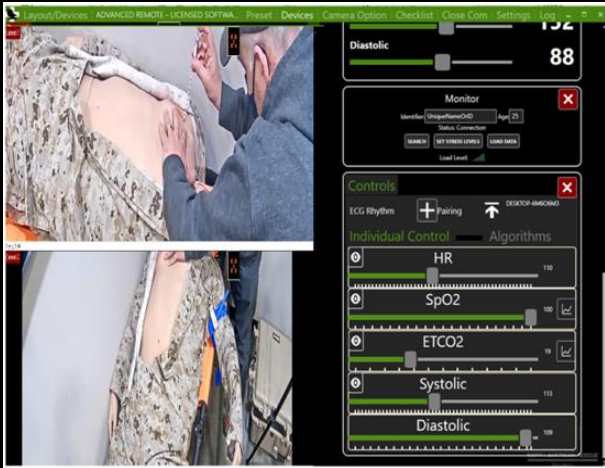
NARS Mobile Feedback System (93-0945)

- Standalone mobile platform to capture simulation events (requires AC power).

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- Pelican 1650 case with custom-cut foam protects all system components
- Includes
- x2 cameras
 - x2 72" telescopic tripods with camera mounts
 - 3 Tb stand-alone recorder
 - NARS mil-spec rated instructor tablet for wireless communications
 - Proprietary software features instructor bookmark/replay feature, simulator status capture, trainee biometric capture, trainee evaluation software (exportable reports)
 - x2 25' CAT6 retractable cord reels
 - Trainee-worn stress monitor
 - Features streaming participant heart and respiratory rate





(Mobile Feedback System Instructor tablet screen captures)

Helos

- Available in H60, CV22 & MH6 configurations
- Reusable, all-weather systems
- Includes loudspeakers for inflight noise, smoke generator to replicate inflight emergencies, wind machine to simulate rotor wash
- DOT-rated for over-the-road towing
- Platform-specific options include HD cameras (with playback system), FRIES bar, litter stanchions, black out window drapes, ICS Kit (with headsets and cords)



NEW FOR 2021 H-60 Configuration

Redesigned H60 cockpit with realistic pilot/copilot seats and graphics panel



NARS Part #	Description	NARS Part #	Description
TOMMANIKIN		TOMMANIKIN Consumables & Replacement Parts	
93-0035	Basic TOMMANIKIN	93-0106	1 Gallon concentrated blood simulant; non-staining
93-0040	GSW TOMMANIKIN	93-0139	5 AMP battery w/o charger
93-0036	Blast TOMMANIKIN	93-0140	5 AMP battery w/charger
93-0037	Burn TOMMANIKIN	93-0141	10 AMP battery w/o charger
93-0039	Female TOMMANIKIN	93-0143	10 AMP battery w/charger
93-0041	Water TOMMANIKIN Basic	93-0102	Replace neck skins (10 pack)
93-0108	Water TOMMANIKIN	93-0169	Tension Bladder set
93-0038	CBRN TOMMANIKIN	93-0175	Lung bladder set
93-0110	Confined Space TOMMANIKIN	93-0185	Bleeding Bag
TOMMANIKIN ACCESSORIES		93-0186	Silicone Repair Kit
93-0122	Tablet for NARS Simulation	Wearable Wounds for TOMM	
93-0129	Velcro Uniforms - non-BERRY	93-0203	Thigh laceration
93-0131	Wheeled Soft Carrying Case	93-0204	GSW through hand (Rt)
93-0135	TOMMANIKIN Rack (3 shelf)	93-0205	Impaled object
TOMMANIKIN Limbs & Skins		93-0208	Broken jaw with laceration
93-0148	Uninjured Chest Skin	93-0210	Compound fracture
93-0149	GSW Chest Skin	93-0212	GSW leg
93-0150	Evisceration Chest Skin	93-0215	Neck wound
93-0151	Pelvic Pants	93-0223	GSW through hand (Lt)
93-0081	TOMM GSW Groin Skin	93-0229	Multiple GSW abdomen
93-0082	TOMM uninjured pelvic shorts	93-0080	Abdominal evisceration (packable)
93-0152	Uninjured arm (Rt)	93-0234	Shrapnel wound axillary (Rt)
93-0083	Complete Arm Amp (Rt)	93-0235	GSW bicep
93-0084	Partial Arm Amp (Rt)	93-0236	GSW clavicle (Rt)
93-0085	Shrapnel Arm (Rt)	TOMMANIKIN ADHESIVE WOUNDS (REUSABLE)	
93-0086	Burn Arm (R)	93-0187	Complete Sticky Wound Kit
93-0087	Closed Fracture arm (R)	93-0188	GSW Sticky Wound Kit
93-0088	Uninjured arm (Lt)	93-0189	GS Entry Wound; Small
93-0089	Complete Arm Amp (Lt)	93-0190	GS Entry Wound; Large
93-0090	Partial Arm Amp (Lt)	93-0191	GS Exit Wound; Medium
93-0091	Shrapnel Arm (Lt)	93-0192	GS Exit Wound; Large
93-0092	Burn Arm (L)	93-0193	Laceration Stick Wound Kit
93-0093	Closed Fracture Arm (Lt)	93-0194	Laceration; Medium
93-0094	Right Leg uninjured	93-0195	Laceration: Large
93-0095	Complete Leg Amp (Rt)	93-0196	Burn Sticky Wound Kit
93-0096	Partial Amp Leg (Rt)	93-0197	Burn; 2nd Degree

93-0097	GSW Leg (Rt)	93-0198	Electrical Burn; Medium
93-0352	Tibial IO leg (Rt)	93-0199	Chemical Burn; Medium
93-0353	Tibial IO skin plug	93-0200	Thermal Burn; Medium
93-0354	Tibial IO Bone Insert	93-0201	Electrical Burn; Large
93-0098	Left leg uninjured	93-0202	Thermal Burn; Large
93-0099	Complete Leg Amp (Lt)	 <p>NORTH AMERICAN RESCUE®</p> <p>Simulation</p>	
93-0100	Partial Amp Leg (Lt)		
93-0101	GSW Leg (Lt)		
93-0101	GSW Leg (Lt)		
93-0155	TAMI head skin uninjured		
93-0156	TAMI GSW chest skin		
93-0157	TAMI GSW pelvic shorts		
93-0158	TAMI uninjured pelvic shorts		

TCCC Skills Set - ALL COMBATANT 80-0968



- Provides the necessary equipment to train up to twenty-five (25) students at individual skill stations in the treatment of the leading causes of potentially preventable death in the tactical environment
- Packaged in a self-contained, wheeled, rigid case with internal dividers to keep the equipment organized and easy to inventory
- Addresses extremity hemorrhage, wound packing, chest seal application, needle chest decompression, basic airway adjuncts, splinting, hypothermia prevention & management, and eye injuries



The TCCC IFAK Skills Kit

85-1958

All Combatant is engineered for student use during trauma lanes or scenarios. Each IFAK contains the necessary equipment for initial TCCC care in an easy to attach modular carrying bag is compact that is designed to be worn on the assault vest or body armor via MOLLE-style attachment points.



TCCC Skill System - ALL COMBATANT

80-0970

The TCCC Skills System – All Combatants provides all the necessary tactical medical and casualty extraction/evacuation equipment needed when teaching the TCCC – All Combatant required tasks for completing the Tactical Combat Casualty Care (TCCC) course. This system is available as a turnkey solution for training centers and educational institutions designed to equip up to twenty-five (25) students.

Each training kit consists of three skill sets:

TCCC Skills Set – All Combatant:

80-0968

Provides the necessary equipment to perform TCCC required tasks when training at individual skill stations. Includes all the necessary equipment to instruct up to twenty-five (25) students in the treatment of the leading causes of potentially preventable death in the tactical environment. Contents are packaged in a self-contained, wheeled, rigid case with internal dividers to keep the equipment organized and easy to inventory. Addresses extremity hemorrhage, wound packing, chest seal application, needle chest decompression, basic airway adjuncts, splinting, hypothermia prevention & management, and eye injuries.



TCCC IFAKs Skills Set:

80-0969

Provides twenty-five training IFAKs for student use during trauma lanes or scenarios. Each IFAK contains the necessary equipment for initial TCCC – All Combatant care in an easy to attach modular carrying bag that is compact and designed to be worn on the assault vest or body armor via MOLLE-style attachment points. The set contains 25 pre-packed TCCC Training IFAKs in a hard, wheeled case that allows for easy transport and storage.



TCCC Evacuation Skills Set:

80-0971

Provides various high-threat extraction devices and casualty evacuation systems to train students in different options to move casualties during all three TCCC Phases of Care. Kit includes High Threat Extraction drag devices, versatile casualty movement Hasty Harness, Rapid Expeditionary Evacuation Litter (R.E.E.L) and the collapsible quad-fold rigid evacuation platform standard – Talon II 90C Litter.



TCCC IFAK Skills Kit - All Combatant Resupply Kit

80-1028

The all-in-one solution for restocking your TCCC IFAK Skills Kit - All Combatant

Featuring all components (excluding the Nylon Bag) of NAR's TCCC IFAK Skills Kit - All Combatant all in one convenient package, the TCCC IFAK Skills Kit - All Combatant Resupply Kit makes it easy to refill your Training IFAK with the high-quality NAR products you trust and rely on in austere environments.

Nylon Bag not included



For more information, call NARS Sales @ 813.997.0254, or email areading@narescue.com



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