



Custom Mass Casualty Trailer & Equipment to Treat 25 Patients

EMS, fire and hospitals have the difficult task of being prepared for mass casualties. At Southeastern Specialty Vehicles, Inc, we provide you with custom designed mass casualty trailers that give you the best solution for mitigation, portability, rapid deployment and storage.

We customize our trailers and equipment to fit your specific needs, utilizing the very best in materials. We carefully design each trailer to make the most of the space available.

Trailer Specifications:

16' Trailer

- 3 Year Warranty
- Interior Width Will Be 8'
- Interior Width between Wheel Wells Will Be 6'9"
- Interior Height Will Be 84"
- Ball Height Will Be 20"
- Rear Door Will Be a 4500lb Recessed Spring Assisted Ramp
- Rear Door Width Will Be 88"
- Rear Door Height Will Be 79"
- Axles Will Be Double 5200lbs Dexter Rubber Torsion with Electric Brakes on All Wheels
- Axles Will Have A 5-Year Warranty
- Trailer Will Be Equipped With Breakaway Switch and Battery
- Frame Will Be Double 6" I-Beam the Entire Length of the Trailer
- Tires Will Be Goodyear 75r15 Load Range D
- Wheels Will Be 6 Lug White Steel
- Hitch Ball Size Will Be 2 5/16"
- Floor Cross members will be 16" On Center
- Floor Will Consist Of 3/4" Exterior Grade Plywood
- Wall Studs Will Be of Hat post Design
- Wall Studs Will Be 16" On Center
- Walls Will Consist Of 3/8" Plywood
- Sidewalls Will Be Of Dustproof Design
- Ceiling Cross members will be 16" On Center
- Ceiling Cross members Will Be of Tubular Design
- Roof Will Be One Piece
- Roof Will Be Sealed With High Tech Self-Leveling Adhesive
- Trailer Top Wrap Will Be Integrated Into Frame Structure to Provide Extra Rigidity
- Exterior Metal Will Be .030 Thickness

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- Fenders Will Be Aluminum
- Rear Ramp Will Be Secured With Bar Locks and Cam Locks
- Trailer Frame Will Be Acid Phosphate Washed Before It Is Primed and Painted With Premium Quality Paint
- Side Door Will Be 24" From Corner
- All Side Door Entrance Steps Will Be Constructed Of Galvneal; Which Will Prevent Rusting
- Exterior Fasteners Will Have Long Lasting Coating (T1000)
- All 12volt Wiring Will Be Routed through Inner Walls of Trailer
- All 12volt Wiring Will Be Fused in an Abs Plastic Junction Box
- All Brake Connections Will Be In Weatherproof Shrink Wrapping
- Exterior 12volt Clearance and Tail Lights Will Each Be Semi-Trailer Quality Dealed Units
- Weather-strip Will Be Automotive D-Bulb Type
- Conspicuity Treatment- Provided
- Bogey Wheels On Rear of Trailer
- 30amp 110v Breaker Box With Lifeline
- One 110v Interior Outlets
- Two 4' Flush Mounted Fluorescent Lights 110v
- Corner Post Drop down Jacks
- Color White
- Extended Tongue
- Rhino Floor and Rear Door
- One 110 volt Wall Switch
- Finished Interior Walls and Ceiling

Specification for Shelving, Braces and Backboard Storage:

All shelving shall be reconstructed from .188 thickness and 3003-h14me alloy smooth aluminum.

All vertical and horizontal legs, braces, backboard oxygen bottles storage shall be constructed from .125 thickness and 3003-h22 diamond plate.

Corner legs shall be constructed from diamond plate. Corner legs shall be 1 ½" x 1 ½" angle and mig welded to shelving top and bottom with continuous welded.

Wall brackets for shelving shall be .125 thickness and 3003-h14me alloy smooth aluminum. Fabricated into angle 1 ½" x 1 ½".

Center leg supports shall be installed in all shelving greater than 72" high. Center leg supports shall be mig welded on top and bottom of each shelf.

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Shelving shall be constructed and installed as follows: aluminum shelving shall be mig welded to wall braces. The wall brackets and shelf will be attached to the trailer wall at each vertical stud using a 2" self-tapping fastener.

All fixed shelving shall support a minimum of 1500 lbs. All shelving, legs, center supports, braces shall be deburred to ensure no sharp edges.

Each shelf shall have rubber-ribbed matting with trim-loc on the ½" lip. Each shelf to be 23 ½" deep.

There shall be a 36" x 72" cart (pinned to floor for storage) no straps) of tents. A custom diamond plate filler between floor and ramp door.

Interior Layout:

Front wall

Storage for backboards in vertical position. Racks made for Safe transport and quick removal of boards. No straps will be Accepted.

Left wall

There shall be one rack of shelving, rack to include Three (3) 8-foot shelves. Rack to store 16 triage containers.

There shall be one rack of shelving. Includes three (3) 6-foot shelves. Stores 6 triage containers

Custom Cargo Nets on Each Rack

Right wall

There shall be one rack of shelving. Rack to include three (3) 8-foot shelves. Rack to store 16 triage containers.

Custom cargo nets on each rack

Oxygen cylinders

There shall be storage on left side at rear of ramp doors for one oxygen cylinder.

Lighting:

- 2 rear LED scene lights
- 4 Interior LED dome lights

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Equipment:

Equipment stored in triage containers- red, yellow, green, blue and clear. Each container has a 70 lb. load capacity. Stack and nest design- security holes in lids

- Section 1 Incident Command Module
- Section 2 IV Supplies
- Section 3 Trauma Supplies
- Section 4 Immobilization
- Section 5 Splinting
- Section 6 Diagnostic Equipment
- Section 7 Infection Control
- Section 8 Blankets
- Section 9 Oxygen Equipment
- Section 10 Oxygen Supplies
- Section 11 Miscellaneous Supplies
- Section 12 Emergency Lights & Power
- Section 13 Suction Equipment
- Section 14 Portable Oxygen System
- Section 15 Trailer and Custom Interior

Section 1

Incident Command Module

Qty

1

Description

Rapid Response Kit

Includes:

4-15' x 20' Color Coded Treatment Tarps

7-I.C.S. Position Vest

Triage Unit Leader

Minor Treatment Manager

Delayed Treatment Manager

Immediate Treatment Manager

Morgue Manager

Medical Communications Leader

Common Sense Forms

Pens and Pencils

Clip Boards

1

Treatment Area Identification Flag Kit (4 Flags, 4 Fold Up Tripod Pole Stands and Carrying Bag)

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- 1 3" x 1000' Command Post Barricade Tape
- 2 3" x 1000' Red Priority Barricade Tape
- 2 3" x 1000' Yellow Priority Barricade Tape
- 2 3" x 1000' Green Priority Barricade Tape
- 2 3" x 1000' White Priority Barricade Tape
- 20 Vest with Window on Front and Back (color TBA)
- 1 10' x 20' Red Tent
- 1 10' x 20' Blue Tent
- 1 Red Side Walls
- 1 Blue Side Walls
- 2 Deluxe Roller Bag for Tent
- 1 Triage Tags (50/pk)
- 5 West Cot with IV Pole
- 25 Patient Vital Sign Notebook 50 Sheets 3" x 5" All Weather Writing Paper
- 25 All Weather Pen (Can be used in rain, underwater, and Writes upside down)
- 2 Triage Tape System
- 2 Weight Bag for Tent (set of 4)
- 2 Heavy Duty Stake Set for Tent
- 1 15 Watt (3/4 mile range) Megaphone with Whistle Sound
- 8 C Batteries for Megaphone
- 24 Step in Post (support barricade tape)
- 25 Green Chemical Light
- 25 Yellow Chemical Light
- 25 Red Chemical Light
- 25 White Chemical Light
- 25 Blue Chemical Light
- 4 Blue Triage Containers (I.D. Size 21 1/2'L x 19"W x 13"D with Lid and Security Holes, Easy Stake-N-Nest.)

Section 2

IV Supplies

- 1 14GA. X 1 1/4" IV Catheter (50/bx)
- 1 16GA. X 1 1/4" IV Catheter (50/bx)
- 1 18GA. X 1 1/4" IV Catheter (50/bx)
- 1 20GA. X 1 1/4" IV Catheter (50/bx)
- 1 22GA. X 1 1/4" IV Catheter (50/bx)
- 1 24GA. X 1 1/4" IV Catheter (50/bx)
- 100 IV Tubing
- 10 21GA. X 3/4" Butterfly
- 10 23GA. X 3/4" Butterfly

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- 1 1000ml Normal Saline (12/case)
- 1 1000ml Lactated Ringers (12/case)
- 10 IV Start Kit
- 1 Alcohol Prep (200/box)
- 1 Betadine Prep Pads (100/box)
- 2 1000ml Disposable Pressure Infuser Bag
- 2 Quart Sharps Containers

Section 3

Trauma Supplies

- 2 5 x 9 ABD Pad (20/pk)
- 2 4 x 4 Sterile Gauze (100/pk)
- 2 3 x 5 yd. Roller Gauze (12/pk)
- 2 2" x 10 yd. Silk Tape (6 per box)
- 24 Triangular Bandages
- 24 3 x 9 Vaseline Gauze Dressing
- 25 Multi-Trauma Dressing
- 2 1" x 3" Band-Aids (100 per box)
- 25 Blood Stopper Pressure Dressing
- 10 60" x 90" Sterile Burn Sheet
- 24 250 ml Sterile Water (pour bottles)
- 1 Biohazard Bag 7-10 gallon (10 per pack)
- 10 Trauma Shears
- 2 Green Triage Container
- 12 3" Elastic Bandage
- 25 Rescue Blanket
- 12 Disposable Penlight

Section 4

Immobilization

- 25 Adult MCI Boards
- 5 Pediatric MCI Boards
- 60 2 Pc Disposable Restraints
- 30 Head Immobilizer
- 25 Adult Adjustable Collar
- 5 Pediatric Adjustable Collar
- 10 18" Sam Splint
- 10 36" Sam Splint
- 10 24" Padded Cardboard Splint
- 2 2" x 60 yd. Duct Tape

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6 Green Triage Container

Section 5

Splinting

25 Triangular Bandage
15 3" Elastic Bandage
10 Sam Splint 18"
10 18" Padded Cardboard Splint
2 3" x 5 yd. Roller Gauze (12/pk)
2 2" x 10 yd. Silk Tape (6 per box)
2 Green Triage Containers

Section 6

Diagnostic Equipment

15 Sprague Rappaport Stethoscope
12 Adult BP Cuff
3 Child BP Cuff
3 Large Adult BP Cuff
1 Obese BP Cuff
1 Green Triage Container

Section 7

Infection Control

1 Molded Surgical Mask (50/bx)
1 Free Form EC Gloves (extended cuff), M (100/bx)
1 Free Form EC Gloves (extended cuff), L (100/bx)
1 Free Form EC Gloves (extended cuff), XL (100/bx)
1 Biohazard Bags 7-10 gallon (10 per pack)
1 Tyvek QC Coveralls, Large (25/case)
1 Tyvek QC Coveralls, X-Large (25/case)
Note: Coveralls with Zipper Front, attached hood, Boots, and Elastic Wrists.
30 Ear Plugs (PAIR)
10 Protective Eye Wear
1 Antiseptic Towelette (100/bx)
1 Sani-Cloth (160 per tub)
25 Clear Rain Ponchos
5 Yellow Triage Container

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Section 8

Blankets

25	60" x 90" Trauma Heavy Duty Yellow Emergency Blanket
25	Isothermal Rescue Blanket
2	Green Triage Container

Section 9

Oxygen Equipment

1	M Oxygen Tanks
1	Cylinder Cart
1	Oxygen Manifold with 8 Outlets. Each Outlet to Have a Flow Meter with Rates ½, 1, 2, 4, 6, 8, 10, 12, 15, 20, 25 LPM
1	50' Oxygen Hose
1	Cylinder Wrench (attached to tank)
1	Oxygen Regulator
1	Green Triage Container

Section 10

Oxygen Supplies

25	Adult N-R Oxygen Mask
25	Adult Nasal Cannula
12	Pediatric N-R Oxygen Mask
8	Adult BVM Bag
4	Child BVM Bag
2	Infant BVM Bag
5	Green Triage Containers
4	Nasal Airway Kit
4	Oral Airway Kit (6 Sizes)

Section 11

Miscellaneous Supplies

2	Cold Packs (24/case)
1	Heat Packs (24/case)
10	Disposable Body Bags
2	O.B. Kits
1	Soft Stretcher 60"x 80"
1	Pelvic Fracture Sling
3	Green Triage Containers

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Section 12

Emergency Lights and Power

4	500 watt Tripod Lights
1	5,000 watt Portable Generator with 10' Pigtail (pinned to floor of trailer)
1	5-gallon Fuel Can Mounted on Tongue of Trailer
2	50' 12/3 Wire Extension Cord
1	5 lb. Fire Extinguisher

Section 13

Suction

1	Adult Manual Suction
2	Adult Yankauer Kit
1	Neonatal/Pediatric Manual Suction
1	Neo/Ped. Bulb Syringe
1	Green Triage Container

Section 14

Portable Oxygen System (4 Units)

Includes:	Aluminum D Cylinder
	Regulator
	Carrying Case

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