

**V.A.V.R.S**  
**2009 CONVENTION**  
**Vehicle Extrication Contest**  
**LT. Truck Problem**

**Dispatch Information:**

You have been dispatched to Gravel Lane on the Camp Pendelton Military Reservation, which is a rural area of Virginia Beach. The dispatcher has provided the following information:

The call was from a cellular phone caller stated someone was hurt and needed help. No other information could be obtained.

Your ETA	5 minutes
Time of Day	As is
Day of Week	Today
Weather	As is

Your truck is the only one responding

**\*Team captain: Additional Information:**

\*Work this exercise as if it were real.

\*You will have forty-five (45) minutes to complete the problem. Time will start when your unit stops or the first team member steps off. Time will stop when you (team Captain) calls time.

**\*All comments to the judge must come from you (The Team Captain)**

\*If the Judge or Judges deem any part of this operation unsafe, the exercise will be stopped, the unsafe condition must be corrected and then you may continue. The clock will not be stopped.

**Good Luck!**

**V.A.V.R.S**  
**2008 CONVENTION**  
**Vehicle Extrication Contest**  
**LT. Truck Problem**

**Judge Information for Scenario;**

We have two vehicles. Vehicle # 1 is resting on its roof. Vehicle # 2 resting on wheels with the front end and wheels resting on the front end and wheels of vehicle #1.

Vehicle # 1 on roof has no patients. Vehicle # 2 has two adult patients. Have one adult patient leg(s) trapped under rear of vehicle unconscious, breathing, has a pulse, also one adult patient setting in front of vehicle (no entrapment doors will open) unconscious, is breathing, and has a pulse with no apparent injuries.

Both vehicles need to be stabilized before any patients can be removed because vehicles are resting on each other. Vehicle #2 will need to be lifted a sufficient height to clear patient's leg(s) from under the rear of vehicle. Vehicle needs to be cribbed as lifted. Patients shall be packaged and transported to safe zone.

Fire Department will not be on scene for 5 minutes.

There are no other medical personnel on scene for 20 minutes so they cannot turn patient care over. Someone must remain with the patient(s) after placed in safe zone (May use alternant if they ask). Have (45) minutes to complete the problem.

# V.A.V.R.S

## LIGHT DUTY RESCUE TRUCK INSPECTION AND EQUIPMENT LIST MINIMUM REQUIRED EQUIPMENT

DATE: \_\_\_\_\_

TOTAL POINTS THIS SECTION: \_\_\_\_\_

TIME: \_\_\_\_\_

SQUAD NAME: \_\_\_\_\_

VEHICLE WEIGHT: \_\_\_\_\_ POUNDS (UP TO 19,500 POUNDS MAXIMUM)

\_\_\_\_\_ CURRENT WEIGHT CERTIFICATE REQUIRED

### INSPECTION

\_\_\_\_\_ CURRENT STATE INSPECTION STICKER (Pink slip)

\_\_\_\_\_ CURRENT EMT CARD (EACH PERSON, EXCEPT DRIVER)

\_\_\_\_\_ CURRENT VIRGINIA DRIVER'S LICENSE (DRIVER ONLY)

\_\_\_\_\_ EVOC OR DEFENSIVE DRIVER CERTIFICATION (DRIVER ONLY)

\_\_\_\_\_ CURRENT LICENSE PLATES OR PERMIT (AT LEAST POSTED ON REAR)  
Vehicle registration or copy

### EQUIPMENT

**\*\*NOTE\*\*NO CREDIT GIVEN FOR LESS THAN QUANTITY SPECIFIED**

\_\_\_\_\_ HAND HELD, BAG-MASK VENTILATING UNIT

\_\_\_\_\_ SELF-CONTAINED SUCTION UNIT (PORTABLE)

\_\_\_\_\_ MULTI-TRAUMA DRESSINGS (MINIMUM 4)

\_\_\_\_\_ SELF-ADHERING BANDAGES (BAND-AIDS) (MINIMUM 12)

\_\_\_\_\_ OCCLUSIVE DRESSING (ALUMINUM FOIL OR PLASTIC WRAP)

\_\_\_\_\_ 4 BLANKETS (1/2 OF QUANTITY MAY BE DISPOSABLE)

\_\_\_\_\_ DISPOSABLE OBSTETRICS KIT

\_\_\_\_\_ TRACTIONS SPLINTS – D RING WITH HEEL STAND OR HARE – (MINIMUM 2)

\_\_\_\_\_ 2 DISASTER POUCHES (BODY BAGS)

\_\_\_\_\_ COLD CHISEL SET

\_\_\_\_\_ CLAW HAMMER

\_\_\_\_\_ LUMBER CRAYONS

## EQUIPMENT

- \_\_\_\_\_ REGULAR FRAME HACKSAW WITH 6 EXTRA BLADES
- \_\_\_\_\_ CARPENTER'S HANDSAW
- \_\_\_\_\_ SMALL TREE SAW
- \_\_\_\_\_ ADJUSTABLE WRENCH – ASSORTED SIZES (MINIMUM 2)
- \_\_\_\_\_ PIPE WRENCH – 14”
- \_\_\_\_\_ CHAIN SAW (OPTIONAL)
- \_\_\_\_\_ 110 VOLT PORTABLE FLOODLIGHTS, (4 MINIMUM) (MINIMUM 500 WATTS EACH)
- \_\_\_\_\_ FIRE BLANKETS – (1 MINIMUM) (NO ASBESTOS ALLOWED)
  
- \_\_\_\_\_ **TOTAL (RECORD HERE ALL ITEMS COUNT 1 POINT)**

Total equipment points 26

REVISED 4/2008

**Virginia Association of Volunteer Rescue Squads  
2009 Vehicle Rescue Contest  
Tie Breaker Questions**

Squad: \_\_\_\_\_

Contest: \_\_\_\_\_

- 1) According to Brady VEHICLE RESCUE Second Edition. What is the five ways unprotected patients can lose body heat?

\_\_\_\_\_

\_\_\_\_\_ Page 190

- 2) According to Brady VEHICLE RESCUE Second Edition. What year did car manufacturers start installing emission control systems catalytic converter?

\_\_\_\_\_ Page 113

- 3) According to Brady VEHICLE RESCUE Second Edition. Who are the authors?

\_\_\_\_\_ Page xxi and front cover

- 4) According to Brady VEHICLE RESCUE Second Edition. The SRS vehicle air bag inflates to a pressure of what psi?

\_\_\_\_\_ Page 118

- 5) According to Brady VEHICLE RESCUE Second Edition. The Topper Rescue Axe is an example of a lightweight what?

\_\_\_\_\_ Page 31

Total Tie Breaker Questions: \_\_\_\_\_

**Answers:**

- 1) Radiation, Conduction, Convection, Water Chill, Wind Chill
- 2) 1975
- 3) Harvey D. Grant and James B. Gargan
- 4) 4 psi
- 5) Can-Opener Style Tool



**VAVRS Convention 2009  
Vehicle Rescue Contest  
Score Sheet**

**Contest Name:** LT. Truck Problem

**Squad:** \_\_\_\_\_

Total Points for Equipment List: \_\_\_\_\_

Total Points for Scenario: \_\_\_\_\_

Total Points for Time: \_\_\_\_\_

**Total Points for Complete Problem:** \_\_\_\_\_  
*(Total points to be used for placing finish)*

If teams tie, use Tie Breaker Points: \_\_\_\_\_

If teams still tied, use Time as Tie Breaker: \_\_\_\_\_

Place: \_\_\_\_\_

# 2009 CONVENTION

## Vehicle Extrication Contest

### LT. Truck Problem

**Circle one:** Completed    NOT completed    Time: \_\_\_\_\_

Rescue vehicle parked correct distance (50 feet)	___ 56
Rescue vehicle wheels chocked	___ 58
Rescue vehicle-parking brake set	___ 58
Rescue vehicle placed between MVC and oncoming traffic	___ 57
Traffic hazards controlled by placing warning device	___ 68
Requested Military Police (on military base)	___ 61
Requested response of Fire Equipment ETA (5minutes)	___ 65
Requested additional EMS/Rescue resources (20minutes)	___ 64
Requested MEDIVAC***ETA 50minutes***	___ 275
***JUDGE**Notify Captain at 5 minutes fire department on scene	
Charged hose line requested after Fire Department on scene	___ 61
*** Ambulances on scene 10 minutes***	
***May use Alternant Person on Team (If ASK)	___

#### Scene Survey

Walk around performed to identify hazards	___ 61
Identify vehicles with air bags (SRS)	___ 61
All victims accounted for during scene survey	___ 69
Safety Zone established	___ 68
Equipment staged during walk around survey	___ 61
Energy absorbing bumpers noted	___ 115
Number and types of vehicle involved	___ 62

#### Vehicle # 1 on roof - NO patients)

Stabilization of vehicles on roof	___ 94
No contact with vehicle prior to stabilization	___ 62

#### Vehicle #2 on wheels)

#### not pinned doors will open

#### Packaging and removing Adult patient in front of vehicle

Vehicle wheels chocked (forward and backward movement)	___ 92
Stabilization of vehicles on wheel	___ 94
No contact with vehicle or patients prior to stabilization	___ 62
Manual C-spine applied	___ 174
C-Collar applied	___ 175
Medical alert (looked for and noted)	___

**Total of page 1- \_\_\_\_\_ (26)**

Patient secured onto long backboard with minimum of 3 straps	_____ 264
Patient moved to safety zone quickly-	_____ 267
Patient handle safety	_____
Manual C-spine applied	_____ 174
C-Collar applied	_____ 175
<b><u>Vehicle #2 on wheels Adult patient's (leg(s) pinned )</u></b>	
<b><u>Packaging and removing Adult patient</u></b>	
Vehicle wheels chocked (forward and backward movement)	_____ 92
Stabilization of vehicles on wheel	_____ 94
Stabilization of vehicles ( <b>next to pinned patient First</b> )	_____
No contact with vehicle or patients prior to stabilization	_____ 62
Vehicle cribbed as lifted	_____ 62
Vehicle lifted safely	_____ 63
Manual C-spine applied	_____ 174
C-Collar applied	_____ 175
Medical alert (looked for and noted)	_____
Patient secured onto long backboard with minimum of 3 straps	_____ 264
Patient moved to safety zone quickly-	_____ 267
Patient handle safety	_____

**PERSONAL Protection Equipment**

Helmet	_____ 6
Eye protection	_____ 7
Hand Protection	_____ 10
Foot Protection	_____ 10
Body Protection	_____ 10
Overall Operation conducted safely (give one UNSAFE CONDITION)	_____
Contact maintained with patient throughout problem	_____
Team members follow orders from Officer in Charge	_____ 52
<b><u>***Problem Completed "1" IF Not Completed "0" ***</u></b>	_____

**Total of page 2- \_\_\_\_\_ (26)**

**GRAND TOTAL (of pages 1 and 2)- \_\_\_\_\_ (52)**

**Survey** (poor =0 excellent =5)

\_\_\_\_\_

**Rate Stabilization** (poor =0 excellent =5)

\_\_\_\_\_

**Rate over all operation** (poor =0 excellent =5)

\_\_\_\_\_

**Rate over all Scenario on time Completed**

(Poor =0 excellent =5)

\_\_\_\_\_

**GRAND TOTAL of Scenario**

\_\_\_\_\_

**Points Given for Time: Team Completing Scenario:**

15 Minutes and under: 10 points

15 minutes to 20 minutes: 8 points

20 minutes to 25 minutes: 6 points

25 minutes to 30 minutes: 4 points

30 minutes to 35 minutes: 2 points

35 minutes to 40 minutes: 1 point

40 minutes to 45 minutes: 0 points

**Time Points:**

\_\_\_\_\_

**VAVRS Convention 2009**  
**Vehicle Extrication Contest – LT. Truck**

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I (print name) \_\_\_\_\_, Team Captain, have reviewed the attached score sheet with the judge(s) and accept their decision as final.

Team Captain Signature: \_\_\_\_\_

Phone # \_\_\_\_\_ (or hotel or both)

Hotel: \_\_\_\_\_ Room: \_\_\_\_\_

Judges: Print

Sign

_____	_____
_____	_____
_____	_____