

**V.A.V.R.S**  
**2008 CONVENTION**  
**Vehicle Extrication Contest**  
**Heavy 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 vehicle crash and needed help. Multiple vehicles involved. 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!**

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**Judge Information for Scenario;**

We have three vehicles. Vehicle # 1 is resting on its wheel. Vehicle # 2 is resting on its roof with trunk lid resting on vehicle # 1 trunk's lid. Vehicle # 3 resting on wheels with the front end and wheels resting on the front end and wheels of vehicle #2 .

Vehicle # 1 on wheels (no entrapment doors will open) has one adult patient setting in front of vehicle and is unconscious, is breathing, and has a pulse with no apparent injuries. Vehicle # 2 on roof has no patients. Vehicle # 3 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.

All three vehicles need to be stabilized before any patients can be removed because vehicles are resting on each other. Vehicle #3 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 can not 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.



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

**Contest Name:** Heavy 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: \_\_\_\_\_

**HEAVY DUTY RESCUE TRUCK INSPECTION AND EQUIPMENT LIST**  
**MINIMUM REQUIRED EQUIPMENT**

DATE: \_\_\_\_\_ TOTAL POINTS THIS SECTION: \_\_\_\_\_  
 TIME: \_\_\_\_\_  
 SQUAD NAME: \_\_\_\_\_

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VEHICLE WEIGHT: \_\_\_\_\_ POUNDS (19,501 POUNDS OR OVER)

\_\_\_\_\_ 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

**HEAVY DUTY RESCUE TRUCK EQUIPMENT LIST**

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

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

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

\_\_\_\_\_ MULTI-TRAUMA DRESSINGS (MINIMUM 8)

\_\_\_\_\_ SELF-ADHERING BANDAGES (BAND-AIDS) (MINIMUM 30)

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

\_\_\_\_\_ 8 BLANKETS (1/2 OF QUANTITY MAY BE DISPOSABLE)

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

\_\_\_\_\_ 4 DISASTER POUCHES (BODY BAGS)

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

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

\_\_\_\_\_ BATTERY PLIERS

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

\_\_\_\_\_ 4 DEBRIS BUCKETS

- \_\_\_\_\_ 2 REGULAR FRAME HACKSAW WITH 6 EXTRA BLADES
- \_\_\_\_\_ CARPENTER'S HANDSAW
- \_\_\_\_\_ TREE SAW
- \_\_\_\_\_ PIPE WRENCH – ASSORTED SIZES (MINIMUM 3)
- \_\_\_\_\_ CHAIN SAW
- \_\_\_\_\_ WOOD AND/OR RUBBER CONE-SHAPED PLUGS
- \_\_\_\_\_ FIRE BLANKETS – (2 MINIMUM) (NO ASBETOS ALLOWED)
- \_\_\_\_\_ **TOTAL (RECORD HERE ALL ITEMS COUNT 1 POINT)**

REVISED 4/2008

TOTAL OF 20 points possible

**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

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**Heavy Truck Problem**

<b>Circle one:</b> <u>Completed</u> <u>NOT completed</u> 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 20 minutes***	
***May use Alternant Person on Team (If ASK)	_____
<b><u>Scene Survey</u></b>	
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
<b><u>Vehicles #1on wheels Stabilization</u></b>	
Vehicle wheels chocked (forward and backward movement)	___ 92
Stabilization of vehicles on wheel	___ 94
No contact with vehicle or patients prior to stabilization	___ 62
Vehicle cribbed as lifted	___ 62
Vehicle lifted safely	___ 63
Noted found Doll Baby in vehicle	_____
<b><u>(Vehicle on wheels, not pinned doors will open )</u></b>	
<b><u>Packaging and removing Adult patient driver side</u></b>	
Manual C-spine applied	___ 174
C-Collar applied	___ 175

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

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	_____
<b><u>(Vehicle # 2 on roof - NO patients)</u></b>	
Stabilization of vehicles on roof	_____ 94
No contact with vehicle prior to stabilization	_____ 62
<b><u>Vehicle #3 on wheels)</u></b>	
<b><u>not pinned doors will open</u></b>	
<b><u>Packaging and removing Adult patient in front of vehicle</u></b>	
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)	_____
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 #3 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	_____

Total of page 2- \_\_\_\_\_ (29)

TOTAL (of pages 1 and 2)- \_\_\_\_\_ (55)

**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>***Problem Completed "1" IF Not Completed "0" ***</b>	_____	

**Total of page 3 \_\_\_\_\_ (9)**

**TOTAL (of pages 1, 2 and 3)- \_\_\_\_\_ (64)**

**Judge's Over All Ratings**

<b><u>Rate Scene Survey</u></b> (poor =0 excellent =5)	_____
<b><u>Rate Stabilization</u></b> (poor =0 excellent =5)	_____
<b><u>Rate over all operation</u></b> (poor =0 excellent =5)	_____
<b><u>Rate over all Scenario on time Completed</u></b> (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 \_\_\_\_\_**

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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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_