



ELECTRONIC STABILITY CONTROL WORKSHOP

FOR EVOC INSTRUCTORS

In the near future when people hear the acronym ESC, it may be a reference to more than just the escape key on the keyboard of the computer. EVOC instructors could be talking about a safety feature installed in all new police cars and SUVs as of the 2012 model year. It is called the Electronic Stability Control System. An Electronic Stability Control system is a new safety technology designed to prevent rollovers and loss of traction by keeping your vehicle in contact with the ground during dangerous situations.

New 2012 police vehicles are here and the challenges that Public Safety Driving Instructors face are not getting any easier. Training with new driver safety technologies must be included in current curriculum. Depending upon the type of vehicle being driven, possible changes in driving habits could be necessary. When used in an EVOC environment where we know drivers and vehicles are often used beyond their limits, ESC can influence and change the expected outcome of driver inputs.

Accidents can certainly be prevented to a certain extent with an active safety system including ESC, Antilock Brakes and/or Traction Control systems. When a vehicle accompanied by ESC reads a complex situation such as curves or sudden swerves to avoid obstacles, it takes over and allows the driver a better chance to get through the situation, further improving the advantages of the Antilock Brake and Traction Control.

SKIDCAR System, Inc. now offers an **ESC WORKSHOP** which will bring an up-to-date understanding of Electronic Stability Control systems installed in all new Police Vehicles as of the model year 2012. Although each manufacturer has different detail operations of their ESC System, they all work within the same premise and are therefore exposed, explained, and understood within the workshop.

According to preliminary NLEOMF statistics, 2011 was the first year in many that vehicle accidents were not the main cause of fatalities in Law Enforcement. Better driver training and safer vehicles could be contributing factors. It is practical to assume that with the advent of ESC, the vehicle accident rate of Law Enforcement officers will continue to fall and be a major contributor to the “BELOW 100” initiative.

Tuesday, November 6th, 2012 - 8:00am to 5:00pm
The Orleans Hotel
4500 West Tropicana Avenue, Las Vegas, NV 89103

Please contact SKIDCAR SYSTEM, Inc. for Workshop & Hotel Reservation Details
(866) 754-3227 or info@skidcar.com

COURSE Outline - Based on a (1) Day Program:

Classroom Portion – (4) Four Hours

Classroom materials that are designed to simplify understanding of the technology will be given to attendees. A half-day classroom presentation will address a practical explanation of ESC and supply Power Point slides that can be used in the training academy environment. Every officer who is assigned a new vehicle with **ESC** should be advised of the new system and what should be expected if **ESC** is activated by adverse driving conditions.

ESC/TC/ABS:

- a. Influence behind the design
- b. How does it work?
- c. How does it impact EVOC curriculum?
- d. How to train with ESC/TC
- e. Factors to consider in operation of ESC/TC equipped vehicle
- f. Training for mixed fleet operations
- g. ESC/TC and P.I.T. (Pursuit Intervention Techniques)
- h. High performance, low speed direction changes and backing in ESC/TC equipped vehicles

Behind the Wheel Exercises – (4) Four Hours

A short 30 – 45 second coned road course will be designed to easily and safely demonstrate the activation of ESC. Participants will be rotated through the SKIDCAR in this 4-hour block. The instructor can turn on and off the ESC/TC, enabling instant side-by-side comparisons of the new safety systems making practical application of the new information.

- a. Stable Platform Concepts and Electronic Stability Control
- b. Use of braking and ESC
- c. Use of steering and ESC
- d. Driving with and without ESC
- e. Timed lapping sessions with and without ESC
- f. What is the Traction Control for?
- g. What does the traction control button do?

Because of the speed and safety considerations needed to properly expose how these systems work, a SKIDCAR™ equipped with Electronic Stability Control (ESC) Traction Control (TC) 2 and 4 wheel drive configurations and ABS braking systems will be employed. Only a paved area the size of a low speed EVOC course is needed for this **simulated** high-speed environment.

Prices quoted are in U.S. dollars and are good for 90 (ninety) days.

List price:

ESC Workshop, Inclusive.....\$425.00 per Person
Lunch and coffee breaks will be provided.