

**SA 03 EVOC**  
**Session 5 - Skid Recovery (TEST)**  
**Learning Activity No. 23**  
**Learning Domain 19-Emergency Vehicle Operations**

**Purpose:** The student will recognize the causes of the various types of skids, be able to take the appropriate action to regain control of a vehicle in a skid and be able to recognize situations in which hydroplaning may occur and respond appropriately.

**Description:** An EVOC instructor will demonstrate oversteer skids on the Skid Recovery course. The surface is constructed of polished concrete; water is sprayed continually on the surface during the exercise to assist with inducing a skid. The skid vehicles have tires with deep treads mounted on the front wheels and tires that have been shaved to 1/32" on the rear wheels. This surface combined with the vehicle's tire conditions allow for skids to occur at relatively slow speeds of 10 to 20 miles per hour. **The student will need to demonstrate the ability to mitigate the effects of spring loading (LD 19 IV. B.).** The instructor will initiate the oversteer skids by entering the course at approximately 20 mph and following a curved path of travel designated by an arc of cones. The instructor will correct the skids using the appropriate coordination of throttle and steering.

Each student will be provided an appropriate amount of time to practice what was demonstrated under the supervision of an EVOC instructor. During the practical application, the EVOC instructor will actively assess the student's performance and provide real time instruction to positively reinforce proper techniques or correct any deficiencies that are observed. The instructor to student safety ratio for this exercise is 1:3.

**Resources needed:**

- EVOC training vehicles (Skid Cars)
- Police radios
- Cones

The student must induce a front wheel skid (understeer) and a rear wheel skid (oversteer), as demonstrated by the EVOC instructor. The understeer skid test may be conducted during the Skid Platform vehicle rotation. The student must demonstrate the ability to maintain control of the vehicle in all conditions. The test will be comprised of eight attempts on the skid recovery course. The student must successfully initiate, control, and recover from an oversteer skid on five out of eight attempts. If the student fails any portion of this exercise, he/she will be remediated for up to four hours and retested. Failure to successfully complete the retest will result in a recommendation for dismissal.

**TEST:** The student will be given an exercise test that requires the student drive a law enforcement vehicle not equipped with Electronic Stability Control (ESC) and demonstrate the ability to control the vehicle during understeer and oversteer conditions or drive a law enforcement vehicle equipped with ESC and demonstrate the ability to control the vehicle

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**during understeer conditions. The student will demonstrate competency in the following performance dimensions: (LD 19 V. A. 1-10)**

1. Safety
2. Situational Awareness
3. Braking Technique(s)
4. Steering Technique(s)
5. Throttle Control
6. Control of Weight Transfer
7. Skid Control
8. Rate of Performance
9. Fluency of Performance
10. Level of Response

**Presenters must use the POST-developed Vehicle Operations Competency Exercise Test Form or a presenter –developed form approved by POST, which minimally includes the performance dimensions used for this exercise test.**

**NOTE:** The student should have completed the understeer portion of the test in Module 4 Learning Activity No. 16.

**Minimum proficiency:** The test will be comprised of eight attempts on the skid recovery course. The student must successfully initiate, control, and recover from a skid on five out of eight attempts. If the student fails any portion of this exercise, he/she will be remediated for up to four hours and retested. Failure to successfully complete the retest will result in recommendation for dismissal.

**Key learning points:**

- The student will understand how to utilize the steering and throttle to recover from an oversteer skid caused by excessive corner entry speed
- The student will understand and continue to practice and perform the fundamentals of vehicle control
- The student will identify important factors in a skid; early recognition, steer in the direction of the skid, steer at a rate equal to or faster than vehicle rotation, correct steering timing to control or avoid a secondary (or any additional) skids
- Vision should be directed in the direction you intend to drive, not where the car is skidding

**Time required:** 1 hour and 10 minutes