



DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
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WASHINGTON, DC 20310-0600

DAIM-ZA

JUN 3 2009

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Low Speed Electric Vehicle (LSEV) Policy Memorandum

1. Reference:

- a. Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, 27 January 2007.
- b. 49 CFR, Part 571.500, Federal Motor Vehicle Safety Standards.
- c. DoDI 6055.4, DoD Traffic Safety Program, 20 July 1999.
- d. DoD 4500.36-R, Management, Acquisition, and Use of Motor Vehicles 2007, 16 March 2007.
- e. AR 58-1, Management, Acquisition, and Use of Motor Vehicles, 10 August 2004
- f. AR 385-10, The Army Safety Program, 23 August 2007.
- g. AR 600-55, The Army Driver and Operator Standardization Program, 18 June 2007.
- h. Secretary of the Army Neighborhood Electric Vehicle (NEV) Initiative, 12 January 2009.

2. Low Speed Electric Vehicles (LSEVs) terminology replaces Neighborhood Electric Vehicles (NEVs). NEV is the United States Department of Transportation classification, while LSEV is the term used by the General Service Administration (GSA). Using the term LSEV reduces possible confusion when communicating with GSA.

3. As one of several initiatives to achieve the reductions in fossil fuel consumption and greenhouse gas admissions mandated by Executive Order 13423, the Secretary of the Army directed the Army to incorporate LSEVs in the non-tactical vehicle (NTV) fleet. This initiative calls for replacing 4,000 fossil fueled vehicles with LSEVs. The Installation Management Command (IMCOM) will receive the first group of 800 LSEVs in 2009. 1,600 additional LSEVs will be ordered and delivered in 2010 and 2011.

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These 3,200 vehicles will be allocated throughout the Army, and require a one-for-one replacement of a fossil fueled vehicle. Installations, commands or organizations increasing their NTV requirements due to Base Closure and Realignment Commission (BRAC) or Grow The Army (GTA) decisions may request a waiver from the one-for-one exchange requirement. Waiver requests, with detailed justification, will be submitted thru command channels to ACSIM, DAIM-ISL.

4. LSEVs are street worthy vehicles with a maximum speed of 25 MPH. Because LSEVs do not have airbags, they are authorized for use on installations only. LSEVs will not leave the confines of the installation. These vehicles can be operated on streets, roads and highways that have a posted speed of 35 MPH or less.

5. LSEVs are intended to replace vehicles used for movement of personnel and cargo over short distances on the installation, such as administrative runs between headquarters, mail runs, supply runs (within weight limitation), and similar activities.

6. Minimum acceptable specifications and manufacturer options have been submitted to GSA for the contract solicitation. Additional manufacturer options may be added when the organization orders the LSEVs from GSA to meet end user mission requirements. GSA will purchase all 4,000 LSEVs based on user requirements and specifications. The LSEVs will be manufactured and delivered to the user locations per the distribution coordinated by the applicable Army command.

7. At a minimum, LSEVs will be equipped with the following safety equipment: headlamps, front and rear turn signal lamps, tail lamps, stop lamps, strobe lamp mounted on the cab roof, reflex reflectors (one red on each side as far to the rear as practicable, and one red on the rear), exterior side mirrors (left and right side), parking brake, windshield that conforms to the Federal Motor Vehicle Safety Standard on glazing materials, windshield wiper(s), and a Type 1 or Type 2 seat belt assembly installed at each designated seating position and worn by operators and passengers at all times.

8. LSEVs will not be used to transport children of Child and Youth Services to and from child care centers or youth activity centers. Passengers are prohibited from riding in the cargo area of the vehicle.

9. Commanders will ensure that all operators of LSEVs have a valid state driver's license and an OF 346, U.S. Government Motor Vehicle Operator's Identification Card. All LSEV operators must complete the on-line Accident Avoidance course offered through the Army Learning Management system at <https://www.lms.army.mil/DLS> and

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receive a general LSEV operations briefing based on manufacturer provided information. Based on the actual specifications of the vehicles delivered, weight limitations for passengers and cargo will be part of the LSEV operators' safety briefing to insure the weight limits are not exceeded. A laminated card with these specifications will be displayed on the vehicle dashboard.

10. LSEVs are charged using a standard 110 Volt receptacles. A single charge is usually good for up to 30 miles. Vehicles should be recharged overnight to ensure a full charge capability for the next duty day. Charging at night normally will be the cheapest time to recharge the batteries based on night time off-peak electrical usage periods. Depending on the manufacturer, the vehicle may have a quick charge capability which will allow recharging of the batteries during periods the vehicle is not being driven. Vehicles should be charged based on the manufacturer's guidance. LSEVs have built-in fail safes to ensure that the batteries do not overcharge.

11. LSEVs should be garaged and charged when the outside temperature is below 40 degrees. LSEVs that operate in temperatures greater than 90 degrees should be parked in shaded areas when not in use. LSEVs are equipped with heaters for cold weather and fans for hot weather.

12. LSEVs will be licensed with an on-post only license plate available from UNICOR and will be registered in the Federal Motor Vehicle Registration System.

13. Routine operator maintenance is the responsibility of the using unit or organization, as specified in the owner's manual. GSA will provide standard maintenance schedule maintenance, as specified in the owner's manual. As a minimum, LSEVs will be inspected annually by a qualified vehicle mechanic.

14. The point of contact for this policy is Ed Moscatelli, (703) 601-1948, or E-mail: ed.moscatelli@us.army.mil.



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