Ambulance Assignment

**Color Perception**

*Problem*

Emergency vehicles such as ambulances and fire trucks should be easily visible in a variety of lighting conditions. Your assignment is to develop recommendations on what color (or colors) should be used for emergency vehicles.

1. Consider the colors that are presently used for emergency vehicles. What do you think are the reasons that those colors are used? What are their advantages and disadvantages?

2. How can the color of an emergency vehicle make a difference? Use specific concepts about color perception from your notes.

3. What factors can affect how easy it is to see various colors?

*Report*

Prepare a brief recommendation that could be submitted to a city council, ambulance district, or other agency. Be prepared to summarize your recommendations for the class. Your recommendation should include the following:

1. Advantages and disadvantages of the colors that are currently used.

2. Recommendations for colors that should be used.

3. Advantages and disadvantages of your recommended colors.