



SLORRM Railroad Merit Badge Checklist

- 1a. Name three types of modern freight trains. Explain why unit trains are more efficient than mixed freight trains.
- 1b. Name one class 1 or regional Railroad.
- 1c. Name 10 types of railroad freight or passenger cars.
- 2a. Explain the purpose and formation of Amtrak and plan a 500-mile trip between two stations on the Amtrak Coast Starlight route.
- 2b. List and explain the various forms of public/mass transit using rail as the fixed-guide path.
- 3d. Interview someone in rail industry. Learn what that person does and how this person became interested in railroading.
- 4. Explain the purpose of Operation Lifesaver and its mission.
- 5d. Explain the guidelines for conduct that should be followed when you are near or on a railroad property. Explain the dangers of trespassing on railroad property.
- 5f. Tell how to report a malfunction of grade crossing warning sign.
- 5g. List safety precautions a pedestrian should follow at a public crossing.
- 6. Explain the appearance and meaning of the following warning signs. Advanced warning signs, pavement markings, cross bucks, flashing red lights, and crossing gates.
- 7a. Explain how railroad signals operate and show two basic signals types using color and configuration.
- 7b. Explain the meaning of three whistle signals.
- 7c. Describe a way to signal a train for an emergency stop.
- 7d. Explain the use and function of the EOTD (end of train device) or FRED (flashing rear end device) used on the last car of most trains.
- 8a2. Build one model railroad car kit or one locomotive kit.
- 8a3. Name the scale of four popular model railroad gauges. Identify the scale of four model cars or locomotives.

Prerequisites

Operation Lifesaver

Museum