



NON-MUNICIPAL AMBULANCE RADIO SPECIFICATIONS



PURPOSE

This document outlines specifications for the radio equipment required in all non-municipal ambulances licensed by the Philadelphia Regional EMS Office to operate in the Commonwealth of Pennsylvania. Questions regarding these specifications should be directed to the Philadelphia Regional EMS Office at 215-685-4216 or pfd.regems@phila.gov.

RADIO SPECIFICATIONS

Non-municipal ambulance radio equipment must meet the following specifications:

1. Must be a mobile radio;
2. Must meet Association of Public-Safety Communications Officials (APCO) Project 25 standards;
3. Must provide 50 Watts of transmission output;
4. Must have a unity gain antenna with transmitter set at 50 Watts; and
5. Must have FCC Type Acceptance for Part 90 (radio designed for land mobile use).
6. Must be programmed with an assigned Radio Identification Code, which must be obtained from the Philadelphia Regional EMS Office.
7. Must be programmed to transmit and receive on the frequencies indicated on the attached Radio Station Authorization from the Federal Communications Commission.