**Section 515.950 Aircraft Medical Equipment and Medications**

a) Each helicopter or fixed-wing aircraft shall be equipped with medical equipment and medications that are appropriate for the various types of missions to which it will be responding, as specified by the SEMSV MD and approved by the EMS MD.

b) The SEMSV MD with approval from the EMS MD shall submit for approval to the Department a list of basic and advanced medical equipment and medications. This shall include, but not be limited to:

1) Cardiac monitor with extra battery;

2) Defibrillator that is adjustable for all age groups;

3) External pacemaker;

4) Advanced airway equipment, including, but not limited to, laryngoscope and tracheal intubation supplies for all age ranges;

5) Mechanical ventilator available;

6) Two suction sources; one must be portable;

7) Pulse oximeter; central and peripheral sensors, adult and pediatric;

8) End tidal CO2 − quantitative wave form capnography;

9) Automatic blood pressure monitor;

10) Doppler with dual capacity to obtain fetal heart tones as well as systolic blood pressure;

11) Invasive pressure monitor;

12) Intravenous pumps with adjustable rates for appropriate age groups;

13) Two sources of oxygen; one must be portable;

14) A stretcher that is large enough to carry the 95th percentile adult, full length in supine position, and that is rigid enough to support effective cardiopulmonary resuscitation and has the capability of raising the head 30°;

15) Electrical power source provided by an inverter or appropriate power source of sufficient output to meet the requirements of the complete specialized equipment package without compromising the operation of any electrical aircraft equipment;

16) If the patient weighs less than 60 lbs. (27 kg.), an appropriate (for height and weight) restraint device shall be used, which shall be secured by a devise approved by the Federal Aviation Administration (14 CFR 135);

17) An isolette if the service mission profile includes neonate transports; and

18) Opioid antagonist, including, but not limited to, Naloxone, with administration equipment appropriate for the licensed level of care of the SEMSV.

c) The Department's approval shall be based on, but not limited to:

1) Length of time of the mission;

2) Possible environmental or weather hazards;

3) Number of individuals served; and

4) Medical condition of individuals served.

(Source: Amended at 48 Ill. Reg. 16159, effective November 1, 2024)