For any setpoint function, the controller must:

* Be capable of responding at a frequency greater than or equal to 120Hz.

For a step setpoint function from the diastolic to systolic, the controller must:

* Have a rise time less than 0.1 seconds.
* Have an overshoot percentage of less than 10 percent.
* Have a settling time less than 0.2 seconds.
* Have a quasi-steady state variance average less than 1% of the magnitude of the difference between the systolic and diastolic voltage.

For all other setpoint functions, the controller must:

* Maintain a force sensor-setpoint difference less than 5% of the magnitude of the difference between the systolic and diastolic voltage throughout the test.