*Voltage Difference b/w ‘Roll Voltage’ and ‘Gyro Voltage’*

Summing Junction

*Voltage Proportional to Desired Roll*

*Desired Roll*

Roll Difference Calculations

Ailerons

Gyroscope

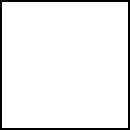
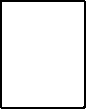
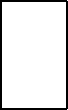
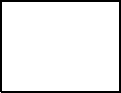
Autopilot

Input Transducer

Sensor

Controller

Plant



*Roll angle*

*Voltage Proportional to Actual Roll Angle*