Project Includes:

◆Raven Receivers
◆OmniSTAR Service
  ◆VBS
◆Railroad Cart
◆Laptop
◆Software and Hardware
  ◆Programs and ports to connect the receivers to the computer
  ◆Programs to analyze the data

Raven Technologies and OmniSTAR service:

◆ The four receivers tested are common to precision farmers.
◆All are capable of using the free WAAS satellite signal.
◆The Invicta 310 is capable of using OmniSTAR's VBS signal, which is a little more accurate than the WAAS signals.
◆The project used WAAS for the 210, 115, and 100G receivers and VBS signals for the 310.

Precision and Accuracy:

◆The WAAS is expected to get within 3 meters accuracy
◆The VBS signal has accuracy within a meter.
◆The goal was to receive data every 10 minutes over a 12 hour period that would give the difference of the two signals and then a difference from the 4 receivers, showing which one stayed on target during the day.