

Title: Goodwin Hall elevator tracking

A barometric altimeter and inertial measurement unit will be placed in the Goodwin Hall elevator; this unit will transmit its data to a receiver located on the 5th floor of Goodwin. The data will be analyzed to continuously determine the position and direction of the elevator, which will be shown on the 5th floor display beside the elevator. Expected arrival time will be determined either analytically or through machine learning, and will also be displayed.