

Figure 4.5: Tracking of 'Crossing 1' with the position error estimate still decreasing.

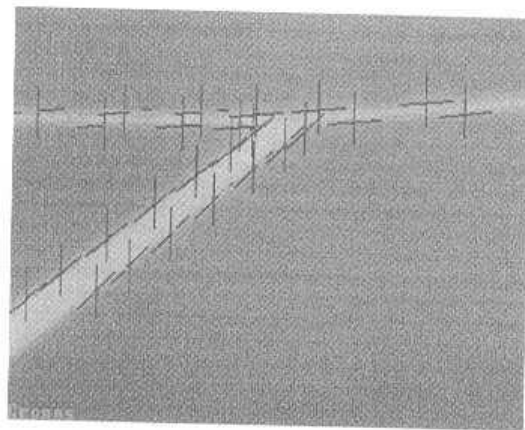
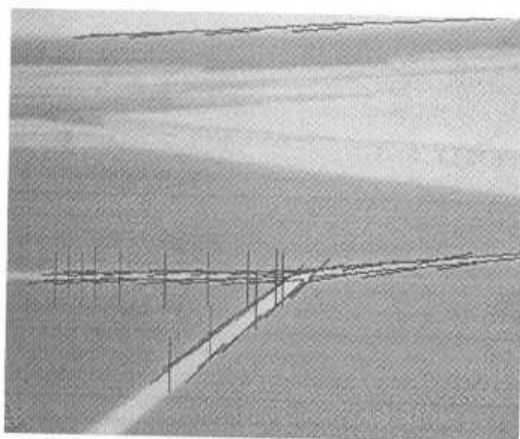


Figure 4.6: Tracking of 'Crossing 2' with the village of Wenden in the background.

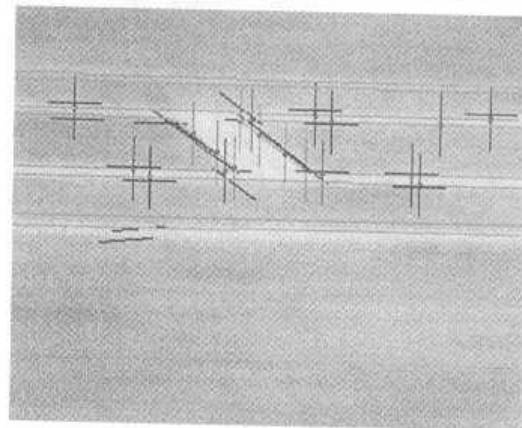
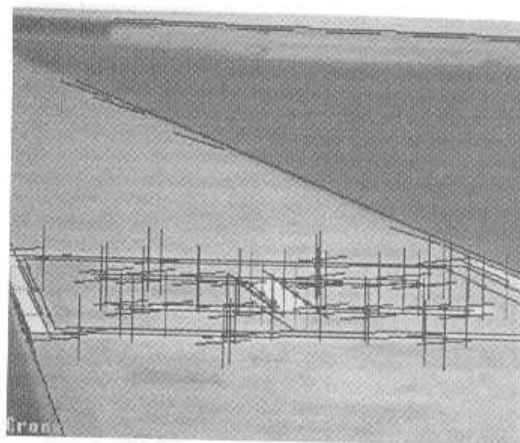


Figure 4.7: Tracking of taxiways, frame and Heli H during the final approach.

In the next three subsections timeplots from the flight loop are discussed. The figures show the longitudinal and lateral position of the aircraft plotted over the time axis. The lines marked 'TRUE' correspond to the states calculated by the simulation computer. The lines marked 'MPS' present the states estimated by the MSSE that are derived from conventional sensors and the IPS. The