Zeeman observations are essential since they provide the only direct measurement of magnetic field strengths in molecular clouds. Earlier single-dish CN Zeeman N=1-0 measurements of field strengths toward high-mass star formation regions such as W3OH and DR21OH were with 23 arcsec resolution; needed now are higher angular resolution Zeeman maps of magnetic field strengths. Our CARMA Zeeman-effect commissioning observations reported here were carried out for the N=2-1 CN transitions with 3 arcsec resolution toward W3OH and DR21OH. These are the first interferometric CN Zeeman observations of dense molecular cores. Results will be presented with discussion of the astrophysical implications and the implications for future ALMA observations.