

Question 7: Purpose of Experiment
Weibel Xenta

The Weibel XENTA-D3 is a 3D X-band surveillance radar using advanced sensor and signal processing designed to detect low, slow, and small objects such as drones. The XENTA-D3 provides radar operators with range, height, bearing and target classification of targets at a distance of up to 75 kilometers. Smaller, commercially available drones such as a DJI Phantom-4 can be detected and tracked at up to 10 kilometers. The Weibel system is a non-developmental item that was funded entirely with company funding.

Weibel Equipment, Inc. has leased a building at 2994 S. Kyla Avenue, Yuma, Arizona. We plan to use this as a staging ground for experiments and demonstrations.

We will test the performance of the XENTA-D3 with small commercial drones. We plan on doing this at various times throughout the year.

If you have any questions, please feel free to contact me at 571 278 1989 or pete@weibel.us
Thanks.