"... [the VCD] is a big difference in feel. The V-22 doesn't have a chin window, but if it looked like this, I would use it." - USMC test pilot V-22

"... the VCD feels more comfortable. I appreciate the better visuals. I was able to see reference points more accurately with the VCD." - USN test pilot H-60 VX-1

VCD by Holochip
Variable Collimation Display
Depth Cues for Simulators

VCD is a glasses-free flight simulator downlook display system providing accurate visual depth cues at near and far distance. Applications include simulation & training for VTOL, refueling, cargo handling, confined area landing, and other operations. **Demonstrated to improve pilot's estimation of altitude and distance by 57%.**

www.holochip.com   (424) 255-8002   info@holochip.com

Technical Specifications:

System Components

- **VCD monitor**
- **VCD software**
- **Rack mounted VCD Computer**

Display

- **Latency:** <50ms
- **Refresh Rate:** 60Hz
- **NVG stimulation upgradeable**
- **Angular Acuity:** Better than 20/20

User Interface

- **Data logging**
- **Administrator tools**
- **Integrated performance profiling**
- **Save and load configuration profiles**
- **Locally hosted intuitive web interface**
- **Easy-to-use color, brightness, and distortion calibration**

System Compatibility

- **VCD Cabinet Physical Dimensions:** Easily adaptable to most rotary and fixed wing simulators
- **IG (Image Generator) Agnostic:** Interfaces with any IG / IG display channel via HDMI or DisplayPort
- **CIGI (Common Image Generator Interface) Protocol Compatible:** Receives real-time airframe data via CIGI