

## **Part Two**

### **Helmet-Mounted Displays**

Historically, the helmet-mounted display (HMD) has been thought of as an optical/visual system. Thus, it is important to understand the optical parameters involved in the design of HMDs and the impact these parameters have on image quality. Equally important are the characteristics of the sensor(s) that produce the visual imagery. However, advanced HMD designs include significant audio information. This requires the HMD designer to also consider auditory factors such as noise attenuation and communication speech intelligibility.

