

## Helmet Mounted Display (HMD)



ELECTRONICS & INTEGRATED SOLUTIONS

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**BAE SYSTEMS**



## HELMET MOUNTED DISPLAY

A Helmet Mounted Display, or HMD, is a Head-up Display (HUD) mounted on the head, such that the pilot can see the display wherever they look (not just straight ahead, as for a HUD).

This gives the pilot great situational awareness, as they get real world overlaid information, such as the position of other aircraft and/or targets, wherever they look – even through the floor! Aircraft mounted sensors can be linked to point in the direction the pilot is looking, and their output is presented to the pilot to increase situational awareness further – when landing a helicopter in poor visibility for example.

A HMD needs careful design – it must be lightweight so the pilot can wear it for long periods, and it must not reduce the helmet's primary function of protecting the pilot in the event of a crash or ejection.

BAE Systems Electronics & Integrated Solutions is a world leader in airborne HMDs, trusted on many aircraft around the world including Typhoon, JAS-39 Gripen, Jaguar and Tiger helicopters.



## Want to be part of it?

### Defence Avionics Careers

If you think you are ready for a demanding challenge, and have the skills and competencies that match the role, please get in touch.

### FOR MORE INFORMATION

- visit [www.baesystems.com/defenceavionics](http://www.baesystems.com/defenceavionics)
- email your cv and/or details of areas of interest to: [opportunitiesatrochester@baesystems.com](mailto:opportunitiesatrochester@baesystems.com)
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