

## Human Factors

**Atkins is the largest multi-disciplinary consultancy in Europe assisting clients across the globe in both the private and public sectors in the delivery of complex capital programmes. Atkins has a 30 year heritage of providing independent and objective technical advice and support to the ministry of defence and the defence industry.**



Plan Design Enable

### What are the benefits of Human Factors?

The significance of Human Factors on operational performance and safety has been recognised through the application of Human Factors Integration (HFI) to the procurement and design of equipment and sub-systems.

The application of the HFI framework optimises the operability, safety and reliability of a system, and reduces Through Life Costs associated with re-design, manpower and training.

Atkins is an Ergonomics Society Registered Consultancy. Our Human Factors team includes qualified consultants with particular experience and expertise in a number of key applications for the Defence sector in research programmes, acquisition and in-service support.

Atkins provides a range of specialist services and our projects commonly involve extensive use of key Human Factors tools and analysis techniques including:

- Human Factors Integration
- Human Factors Risk Analysis
- Human Factors Requirements and Acceptance
- Organisation and Social
- Manpower Assessments
- Target Audience Descriptions
- Training Analysis
- Human System Interaction
- Task Analysis
- Ergonomic Assessments
- Man Modelling CAD Analysis
- Control and Display Design
- HMI Assessments
- Style Guides and Alerts Philosophies
- Workload Prediction
- Safety Case Support
- Human Error Quantification
- Human Reliability Analysis
- Noise and Vibration Assessments

### Atkins' Track Record in Human Factors

- Future Rapid Effect System Initial Assessment for MOD
- Atomic Weapons Establishment
- BAE Land Systems
- Type 45 Frigate Programme
- Astute Submarine Programme
- Future Carrier Programme

**For further information on how Atkins can assist you please contact: [andy.whitehead@atkinsglobal.com](mailto:andy.whitehead@atkinsglobal.com) +44(0)7775 997086**