This is the fifth edited volume of refereed contributions, from an international group of researchers and specialists. Volumes Five and Six comprise the edited proceedings of the third international conference on Engineering Psychology Cognitive Ergonomics, organized by Cranfield College of Aeronautics, Edinburgh, Scotland in October 2000. Volume Five concentrates on applications in the areas of transportation, medical ergonomics and training. Topics addressed include: the design of control and display systems; human perception, error, reliability, information processing, and performance modelling; mental workload; stress; automation; situation awareness; skill acquisition and retention; techniques for evaluating human-machine systems and the physiological correlates of performance.

Both volumes will be useful to applied and occupational psychologists, instructors, instructional developers, equipment and system designers, researchers, government regulatory personnel, human resource managers and selection specialists; also to senior pilots, air traffic control and aviation and ground transportation operations management.

Contents