

## Book Reviews

**Basic Helicopter Handbook.** US Dept of Transportation, Federal Aviation Administration Flight Standards Service. Himalayan Books.

This handbook, published as Advisory Circular 61-13B, was prepared as a technical manual for applicants who are preparing for their private, commercial, or flight instructor pilot certificates, with a helicopter rating. Certified helicopter flight instructors may find this handbook a valuable aid in training students, since detailed conveyance of helicopter aerodynamics, performance and flight maneuvers are included.

**Ecological validity of neuropsychological testing.** Sbordone RJ, Long CJ. Florida, GR Press/St. Lucie Press 1996.

Neuropsychology has made a major contribution in our understanding of the functional consequences of neurological damage, future and perhaps an even greater contribution may come from a better understanding of the relationship between assessed cognitive functioning and predicted future performance in a real world setting. Investigation of the ecological validity of neuropsychological tests appears to offer a new and important direction for the field of neuropsychology since it is unlikely that the patients' ability to function within his or her environment will be determined solely by neurological tests.

This book presents the view of many highly respected and prominent neuro-psychologists regarding the history and changing emphasis of neuropsychology, and raises what the authors consider to be significant ecological issues confronting neuro-psychologists today. Specific focus has been directed to issues involving the evaluation of specific functions (eg. Attention, memory and executive function), as well as previous research which has been conducted on the ecological validity of our neuropsychological and psychological tests.

**Handbook of human vibration.** Griffin MJ. London: Academic Press, 1990.

This book deals comprehensively with the possible human responses to vibration. Both whole body vibration and hand-transmitted vibration have been considered. The author has made an attempt to explain what is known, but does not catalogue all issues of this diverse subject. This book has been written to provide a sufficient understanding of human vibration for both students and those addressing practical problems. A large multi-disciplinary glossary of terms has been compiled to assist in the understanding of relevant technical and medical jargon.

**The occupational ergonomics hand book.** Kernowski W, Marms WS. New York CRC Press. 1998.

This handbook provides a comprehensive source of

applied ergonomics knowledge useful to a large number of ergonomics practitioners who strive to improve product and process quality, worker health and safety, and productions in a variety of industries and businesses. This handbook is rare, in that it has attempted to emphasize the role of both physical ergonomics and cognitive issues in a systems-oriented approach to controlling ergonomic problems. Salient topics covered are musculoskeletal disorders, organizational design environmental issues in ergonomics and ergonomics and the working environment.

**Handbook on Hyperbaric medicine.** Orrani G, Marroni A, Waltel F. Onilan: S printer 1995.

This book gives a lucid description of the fascinating world of hyperbaric medicine. The physiological basis of hyperbaric oxygenation has been dealt with deftly. The changes on dose titration during clinical practice of HBOT have been very well covered. The authors have shared their experiences with the management of various clinical disorders. The mechanism of oxygen toxicity and its prevention has been covered comprehensively. A must read book for those practicing in the in the field of hyperbaric medicine.