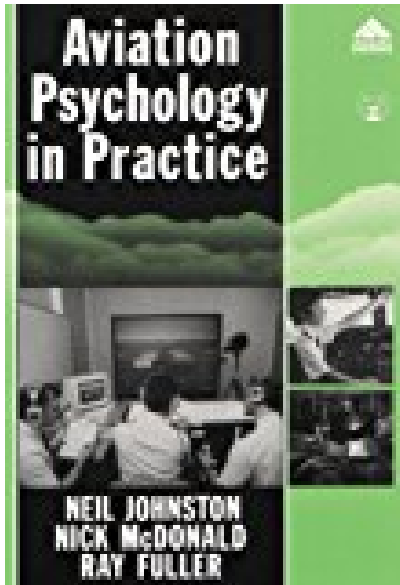


Aviation Psychology in Practice



BOOK DETAILS

- Author : Neil Johnston
- Pages : 390 Pages
- Publisher : Routledge
- Language : English
- ISBN : 1840141336

[↓ DOWNLOAD](#)

BOOK SYNOPSIS

In the well-established aviation system, the importance of sound human factors practice, based on good aviation psychology research, is obvious from those incidents and accidents resulting from its neglect. This carefully structured book presents an up-to-date review of the main areas in the field of Aviation Psychology. It contains current thinking mainly from Europe, but with input from Australia and North America, from specialists involved in research, training and operational practice. Spanning six parts, the book covers: Human Engineering, Occupational Demands, Selection of Aviation Personnel, Human Factors Training, Clinical Psychology, Accident Investigation and Prevention. Looking at the six parts - in human engineering, the reader learns about human-centered automation as well as human factors issues in aircraft certification. Results derived by job analysis methods are presented in the next part and serve as basic information in the design of selection and training programs. In selection, computerized testing or behaviour-oriented assessments are challenging approaches for personnel recruitment. Cost-benefit analyses in selection reveal convincing results, enabling organizations to save huge amounts of inappropriate training investment by the application of proper selection tests. The NOTECHS method is described which helps to assess CRM capabilities in training and can also be used to measure training effects in systematic validation studies. Although operational personnel in aviation are usually able to cope with stress more efficiently than other occupational groups, individual problems might develop as reactions to traumatic influences. Either a psychological evaluation or a proper treatment or both is then required as described in the Clinical Psychology part of the book. The readership includes: aviation psychologists and flight surgeons, training, selection and recruitment specialists, instructor pilots, CRM facilitators, personnel managers, accident investigators, safety pilots, air traffic controllers, aircraft engineers and those dealing with human-machine interfaces.

AVIATION PSYCHOLOGY IN PRACTICE - Are you looking for Ebook Aviation Psychology In Practice? You will be glad to know that right now Aviation Psychology In Practice is available on our online library. With our online resources, you can find Applied Numerical Methods With Matlab Solution Manual 3rd Edition or just about any type of ebooks, for any type of product.

Best of all, they are entirely free to find, use and download, so there is no cost or stress at all. Aviation Psychology In Practice may not make exciting reading, but Applied Numerical Methods With Matlab Solution Manual 3rd Edition is packed with valuable instructions, information and warnings. We also have many ebooks and user guide is also related with Aviation Psychology In Practice and many other ebooks.

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Aviation Psychology In Practice. To get started finding Aviation Psychology In Practice, you are right to find our website which has a comprehensive collection of manuals listed.