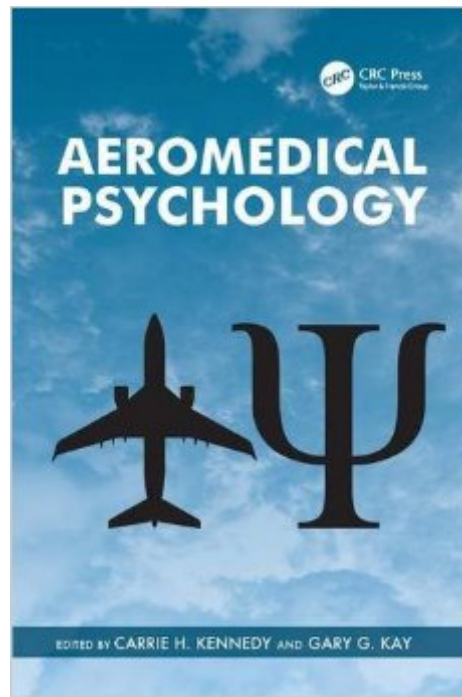


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# Aeromedical Psychology



## Synopsis

Aeromedical psychology is that branch of psychology pertaining to the assessment, selection and evaluation of aviation personnel. This book, *Aeromedical Psychology*, is designed to provide the means for a variety of clinicians to carry out sound assessment and selection procedures, perform informed evaluations and make subsequent recommendations regarding flight status and treatment strategies geared to the aviation environment. To facilitate a dynamic understanding of the field, the book emphasizes an integration of applications and theory, case examples and research. The book is divided into three parts. The first presents assessment and selection procedures for aviation personnel (i.e. air traffic controllers, flight officers and pilots) and astronauts and the many ways in which both psychologists and psychiatrists are involved in these roles. In the second part, the waiver standards put forth by both the FAA and the various branches of the military are presented, as well as the waiver decision process. Clinical issues unique to aviation - notably fear of flying, motivation to fly and airsickness - are addressed, as well as possible courses of intervention, treatment and disposition. In the final part, more specialized issues pertaining to aeromedical psychology are dealt with, namely the psychopharmacological research and regulations applicable to recreational pilots and aviation personnel, managing the aftermath of aviation mishaps and the psychologist's role in accident investigations.

## Book Information

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## Customer Reviews

Kennedy and Kay provide a rich, up-to-date edited volume; a valuable resource for mental health professionals involved in the various aspects of aeromedical psychology. I particularly enjoyed the chapters that survey the evolution of the field, from its pioneering history to contemporary practice. Other chapters range from ones providing comprehensive coverage of the scholarly foundations of the field to others rich with practical experience and guidance. This is, and will be for some time the goto volume on aeromedical psychology.

This wonderful collection of chapters on the varied subjects beneath the umbrella of aeromedical psychology, takes us further into the issues faced by the military than their civilian counterparts. More has been written on commercial aviation, as regards psychology assessment and pilot selection, but little has been presented from the military side. Many of the authors participating in this book are still active service men and women, from several of the armed forces in the U.S. This adds relevance to the discussion. And what they share can't be found elsewhere, at least outside military circles. I feel as though I'm front row center on everything being shared. I use the text in my Aviation Mental Health course at the University of Oklahoma. Nicely done!

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