The Book ‘Spatial Disorientation in Aviation’ is the first of its kind on the subject of Spatial Disorientation as applicable to the Aerospace Industry. In accomplishing this mammoth task, the authors have sought contributions from those who have varied experience as researchers, investigators, scientists and compiled this exquisite work for which there was a felt need for more than a decade.

The book traces the history of Spatial Disorientation in Aviation bringing in the subject to the reader along with the basic concepts, terminologies and thereby builds a background to further discuss the mechanism of orientation, visual and non-visual. The hitherto poorly understood psychological factors are covered separately.

A separate section deals with the unique elements of SD mishap classification and the difficulty in analyzing data pertaining to this entity. The illusions occurring in flight form the next section and are well covered with relevant references to studies conducted in this field.

Combating the phenomenon of Spatial Disorientation using instructions, simulator based demonstrations, in-flight demonstrations and other enforcement methods and the need for periodic reinforcement is well covered. Aircraft and aircrew-equipment-assembly modifications to address the problem and finding unique and executable engineering solutions to the problem are also covered. The book ends with a treatise on the advanced problems and concepts, as the problem of SD is envisaged to grow with the growth in Aerospace environment.

The layout, depth and referencing of this 576 page book is immaculate and the book is sure to enthral its readers with its lucid content and approach to the otherwise hard to understand subject of Spatial Disorientation.

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Answers to Aviation Medicine Quiz :

1. c 2. d 3. c 4. c 5. d
6. b 7. b 8. d 9. b 10. c
11. c 12. c 13. c 14. d 15. c
26. b 27. c 28. c 29. c 30. d