

# Mission Adaptive Display Technologies and Operational Decision Making in Aviation

Part of the Research Essential Book Series

Kevin M. Smith (U.S. Navy, (Ret.) USA) and  
Stephane Larrieu (Aero Research, LLC, France)

## Description:

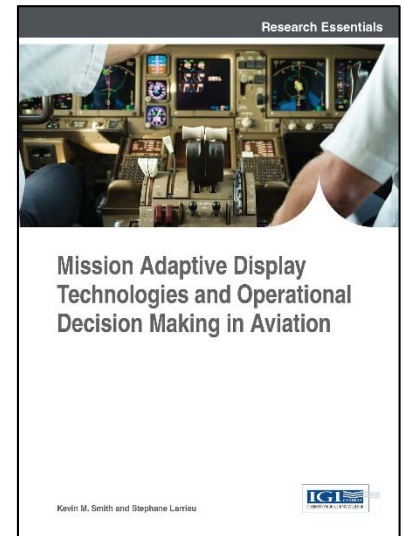
Avionics often serves as the tip of the spear for research into user-interface and systems usability in aviation. However, this emphasis on flashy, technology-driven design can come with a cost: the sacrifice of practical utility, which, in the high-stakes environment of military aviation, can lead directly to catastrophe.

**Mission Adaptive Display Technologies and Operational Decision Making in Aviation** explores the use of adaptive and assistive technologies in aviation to establish clear guidelines for the design and implementation of such technologies to better serve the needs of both military and civilian pilots. The research found within this book benefits from the authors' combined experience of more than 40 years in the aviation industry and over 25,000 flight-hours.

This premier reference source covers topics of interest to aviators and engineers, including aerodynamic systems design, operational decision theory, user interface design, avionics, and concepts and cases in flight operations, mission performance, and pilot training.

## Readers:

This volume targets a wide audience of engineers and business professionals.



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## Topics Covered:

- Adaptive Displays
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- Mission Performance Aids
- Operational Decision Making
- Pilot Training
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