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## INTERNATIONAL SYMPOSI

# Aviation Automation Design and Impl Need for Human Factors Consideratic

[Karl Fennell](#)

[Shawn Pruchnicki](#)

[David McKenney](#)

[Helena Reidemar](#)

[Kevin Comstock](#)

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Article

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### Abstract

This document outlines the Air Line Pilots Association's (ALPA) concerns and expresses the recommendations of both experie alike. Refer to our statement of position document for additional

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under Safety, HFT (Human Factors and Training). Safe and effective automation is only possible when human factors principles are utilized properly. Engineers, regulators, and operators to apply human factors considerations to the design of aviation automation hardware, software, and procedure design. If procedures or products are implemented without these considerations, automation can make usage problematic and has produced unintended consequences, accidents and incidents. Incorporation of human factors considerations into product/procedure design will help to avoid repetition of past mistakes. Automation that maintains and increases the level of aviation safety.

### Repository Citation

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