

Human Factors Subcommittee Summer/Fall 2018

Human Factors Emerging Issues List

Urgent near term issues to be addressed within 5 years:

- Human Factors issues associated with implementation of UAS in the NAS
- Increasing complexity of the airspace, transition to trajectory based operations (TBO) and performance based navigation
- Information management, managing distraction, overload
- Training and qualification methods and technologies
- Increased automation and autonomy that enables operations with a reduced crew

Important longer term issues to be addressed in the next 5-10 years:

- Development and deployment of new and novel interfaces
- Cybersecurity and safe integration of new technologies
- Data collection and analysis to enable big data analytics, data fusion, real-time assessments