



Civil and Military Airworthiness: Recent Developments and Challenges

Guest Editor:

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Message from the Guest Editor

This Special Issue aims to cover contemporary research in the fields of initial and continuing airworthiness, both in civil and military aviation. Particular emphasis will be given on, but not limited to:

Initial Airworthiness

- Aeronautical components testing and certification;
- Qualification and certification of new technologies, and additively manufactured metallic/non-metallic safe/non-safety parts;
- Certification of military aircraft system;
- Reliability methodologies and practice, human factor in aircraft design and engineering changes;
- Safety and risk assessment in aircraft development.

Continuing Airworthiness

- Safety and risk assessment, management effectiveness in aircraft flight and operation;
- Reliability analysis, cost analysis and estimation technique of aircraft system;
- Development and optimization of aircraft maintenance program, military aircraft structural integrity management program;
- Inspection and sustainment technique for composite aircraft.





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Message from the Editor-in-Chief

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