## **AEROSPACE DESIGN &** AIRWORTHINESS, **CERTIFICATION SUPPORT &** CONSULTANCY

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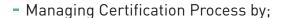
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## AEROSPACE DESIGN & AIRWORTHINESS, CERTIFICATION

## **SUPPORT & CONSULTANCY**

- Designing Changes and Repairs on Aircraft and Rotorcraft, minor to major changes (STCs), such as;
  - Installation of Mission Systems,
  - Avionics Equipment Installation
  - Electrical Systems Changes/Upgrade
  - Airframe Structures Modifications
  - Cabin Interiors Changes



- Communicating with the related Airworthiness Authority
- Determination of Certification Basis
- Establishing Means of Compliance
- Creating Certification Plans
- Producing Compliance Data and Documentation for demonstrating and verifying the compliance with applicable certification basis
- Major Engineering project support services;
  - From initial type certification through to minor/major modification projects
  - Ensuring compliance with all EASA regulations and directives.
- Design Organisation Infrastructure Establishment
  - Technical Gap Assessment in terms of aviation regulations, compliance and safety risk management competencies
  - Mentoring and competence development of personnel
  - Establishing certification processes according to Part 21
  - Guiding and assisting for Organisational Approvals (DOA and POA, ETSO, TSO, etc.)
- Airworthiness Certification Authority Infrastructure Establishment (FAA, EASA or Military Based)
  - Developing Regulatory Framework, Rulesets and Procedures





