

Avionics Design Engineer

Tasks & accountabilities

- Design wiring diagrams, harness drawings and system architecture for new helicopter completions.
- Support installation, functional and operational tests, and ground and flight tests.
- Create electrical load analysis and environmental qualification reports in support of initial layout and design concept.
- Work with installation manuals.
- Production of aircraft manual supplements including Maintenance Manual and Flight Manual.
- Translate proposed concept into detailed design in compliance with Certification requirements, compatible with OEM Type Certificate systems and operational philosophy.
- Define avionic design concept and integration from agreed customer requirement through to detail design.
- Prepare test procedures and reports for qualification and acceptance testing at module as well as unit level; specification and/or detailed design of necessary test benches.

Required skills

- Bachelor degree in Electronics / Electrical / Aeronautical from an accredited college / university.
- Experience in design aviation engineering.
- Knowledge of aviation / aerospace industry standards and the EASA regulations.
- Proficient in AutoCad and or Catia V.
- Excellent computer skills.
- Possess clear and concise communication skills working at all levels.
- Authonomy at work in a dynamic business environment.
- Engineering degree or equivalent.
- Advantage: team leading experience.
- Be able to work effectively in cross functional teams.
- Solutions focus mindset.
- Ability to be rigorous, systematic and to work with other engineers in project teams.
- Advanced level of English and intermediate level of French.



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