

Avionics Design Engineer

Tasks & accountabilities

- Design wiring diagrams, harness drawings and system architecture for new helicopter completions.
- Support installation, functional and operational tests, 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 and experience

- Bachelor degree in Electrical / Aeronautical.
- Minimum 2 years of avionics design experience in an aviation / aerospace industry.
- Knowledge of aviation / aerospace, electrical / avionics design requirements, aviation / aerospace industry standards and the EASA.
- Proficient in AutoCad and or Catia V.
- Possess clear and concise communication skills working at all levels.
- Autonomy, initiative and ability to work in a dynamic business environment.
- Ability to work effectively in cross functional teams.
- Ability to be rigorous, systematic and to work with other engineers in project teams.
- Advanced level of English.



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