# Job Description – Certification Engineer (Brisbane)

## Department: Certification and Installation

## Reports To: Installation Manager

# SUMMARY

This is a newly created position that arose from increased and projected high volumes of work. This increased volume is directly linked to the growth of Burrana’s product offers and strategic roadmap towards a dominant market share.

The position is primarily aimed at creating design and certification packages for installation of cabin systems on commercial aircraft. The wider function of the role will be to support the design of mechanical installation of components for systems being installed in commercial aircrafts.

# DUTIES AND RESPONSIBILITIES

* Create baselines for installation designs through aircraft surveys and reviewing existing aircraft documentation and drawings;
* Liaison with relevant representatives of airworthiness authorities to facilitate review / approval of certification documentation;
* Create aircraft installation designs, with focus on mechanical aspects, required to install the systems on the aircraft and seats/monuments; e.g. cable harnesses, brackets, LRU shrouds, mounting trays;
* Product requirements gathering, design, test (e.g. thermal, vibration and shock, impact, abuse), analysis, integration and documentation; and,
* Sales and marketing support as needed.

# QUALIFICATION REQUIREMENTS

## a) Education and/or Experience

* At least 2 years of experience creating installation design packages for aircraft systems;
* Experience in creating certification packages for National Airworthiness Authorities (FAA/EASA);
* Knowledge of Part 25 airworthiness regulations and compliance;
* Experience in 3D / 2D CAD tools (Solidworks / AutoCAD Lt preferred);
* Ability to communicate with engineering and manufacturing personnel as well as senior airworthiness engineers on technical design issues;
* Ability to stay calm under pressure and work towards deadlines;
* Demonstrated ability to operate with independent decision making across day to day functions;
* Excellent time management skills; and
* Autonomous with a focus on delivery deadlines.