

## Design upgrade for a derivative platform

### Customer Case Study - Aerospace

"I was very impressed with the quality of work produced and professionalism shown by QuEST's design team. During our week long visit we were able to review several rib bodies as well as methodology, checking requirements and the programme schedule."

*Customer Manager*

#### Customer

A leading global aerospace, design and manufacture supplier to major primes. The customer is into design and manufacture of aero engine and aero structure assemblies/components for aerospace markets.

#### Requirements

- Convert all the existing passenger aircraft baseline models and supporting structures into freighter standards
- Incorporate stress, fatigue and manufacturing requirements for the new freighter platform
- Rationalize NRE cost for the project

#### QuEST approach

- Build a core aero-structure engineering support team
- Trained on prime's design and engineering standards. Structured training & development program to build capable capacity amongst offshore team
- Function as a fully extended team to support the customer's core design and engineering teams
- Minimize drag through tight integration of the design process across local and global teams

#### Results

- NRE cost reduced by 30%
- Tight program timelines met, with near to 100% first pass yield

#### Impact

- Offshoring helped customer improve their own design process and optimized workflow

#### About QuEST

QuEST is a leading provider of outsourced engineering services and manufacturing. We provide support across the entire product life cycle from design and modeling through analysis, prototyping, automation, data documentation, manufacturing support, vendor management, and in-house precision machining. Through our Global Product Development framework leveraging our local presence and global reach, we enable companies in the aerospace, civil structures, industrial products, oil & gas, power generation, and transportation markets to cut product development costs, shorten lead times, extend capacity, and maximize engineering resources. QuEST has delivery centers in India, USA, and Italy, and a footprint in UK, Germany, China and Japan. For more information, please visit [www.quest-global.com](http://www.quest-global.com).