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## Innovation management case study on aircraft certification from mechanical engineering point of view

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Nowadays, aerospace and aviation sector is a symbol of development level of a country. Most of the developing countries are growing with its investment on aerospace and aviation sector. This development creates needs for enterprises in the sector such as purchasing material, system, purchasing service (maintenance, repair, consulting, supporting), creating resource, acquisition planning from domestic market and adapt international enterprises requirements and systems. For connecting all these needs (EASA, FAA) to European market, it is important to have expert certification engineers and a programmer according to sector needs. Enterprises have to raise their competitiveness and sustainability in order to survive in the sector. This circumstance forces them to work on innovative studies and find innovative solutions. When companies gain more innovative structure, innovative solutions will take place in organizational dimension. Organizational innovative culture occurs in company with strong management support and that support is given by innovative leaders. In this research, aviation innovation management as well as a case study on aircraft certification will be pointed up. EASA standards will be featured in order to support mechanical engineering solutions.

### Biography

Ahmet Feyzioglu has completed his PhD in 2012 from Marmara University and Post-doctoral studies from University of Manchester, Manchester Institute of Innovation Research. He has been working in Marmara University Mechanical Engineering Dept. since 2013.

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