

Rachel Canders

Aircraft Stress Engineer



Rachel Canders, CEng MIMechE Aircraft Stress Engineer, Bombardier Aerospace

MEng - Mechanical & Manufacturing Engineering QUB (2009)

As a Stress Engineer Rachel's responsibility is to assess the structural integrity of aircraft components for certification with aircraft authorities. She is currently working on a new aircraft development program employing advanced structural analysis techniques to complete the sizing of components, which leads on to drawing reviews in order to support the design and manufacturing disciplines. Rachel's role has opened up opportunities for international travel and she has been able to spend some time in Montreal as an Integrator aiding communication between sites and facilities within Bombardier. She has maintained this role in the Queen's Island operation where she also ensures that all stress deliverables for the program are completed within the specific deadlines through use of project management tools and techniques. One of the things that she has enjoyed most about her career in Bombardier to date is that there are always opportunities to learn more and she has thoroughly enjoyed her job since joining in 2009.

In her view, the best advice for any aspiring engineer is to 'Never wait for things to happen, make them happen for yourself by looking for opportunities, staying positive and never giving up!'