

A350XWB (Broughton and Filton)

First A350XWB aircraft wing structural assembly is scheduled to start in the UK during 2010. As the world's most advanced passenger aircraft, ME will be required to provide the highest level of support and to develop the best technologies to deliver on time, cost and quality. This role requires professionalism and ability to cope with demanding targets and pressures.

Following first flight there will be a large demand on Manufacturing Engineering to incorporate into the production lines design changes that will deliver improved performance, reduced aircraft weight, and production changes to reduce recurring cost and lead time. Manufacturing engineering will be closely overseeing the production ramp up, and in parallel two new variants of the aircraft will be under development for delivery to the market.

A350 will only consider the best for this highly demanding and high profile project.



Case Study - Luis Rivera

A350XWB Assembly Capability - Methods and Processes

PhD in Damage Tolerance of Composite Materials, Loughborough University (2004)

MSc in Mechanical Engineering, Universidad de los Andes, Bogota, Colombia (2001)

"Ever since being in my native Columbia, I have always been interested in all aspects of aircraft related to Mechanical Engineering. Working in Airbus was my dream job! It turned out even better than I'd expected because the company rates professional and personal development highly. For me, the highlights of the programme include core-training modules, where I learnt to deal with different individuals and assert myself in challenging situations.

Through the programme, I gained experience in areas that were new to me, such as Lean Manufacturing and Quality Management. I particularly enjoyed my placement in Stade, applying lean principles in the new flow-line for Vertical Tail Plane assembly. I gained a valuable appreciation for different working environments and for the German culture.

For the future, my target role in A350XWB Assembly Capabilities offers a career full of opportunities, where I can apply my mechanical engineering background and develop in the field of composite assembly."