Boeing Selects Crane for Weight and Balance System on New 777 Freighter

The Boeing Company [NYSE: BA] selected Crane Aerospace & Electronics to supply the onboard weight and balance system for its new 777 Freighter, making it the first commercial airplane program to choose the new advanced technology known as AirWeighs™.

"The ability to quickly provide accurate weight and balance calculations will enhance the efficiency of operations for 777 Freighter customers," said Kim Pastega, engineering integration leader for the 777 Freighter Program, Boeing Commercial Airplanes. "We are pleased to have Crane supply this technology for the 777."

The onboard weight and balance system is designed to provide measurements of the 777 Freighter's weight and center of gravity. Operators benefit from having accurate and reliable weight and balance measurements provided in real time. In addition, the system can quickly validate manual weight calculations.

"This is a significant application of our new weight and balance technology because of the advantages it offers freighter operators," said Greg Ward, Aerospace Group President of Crane Aerospace and Electronics.

The AirWeighsTM system uses an airplane's landing gear struts as scales to determine the load-bearing pressure at each strut to calculate weight and balance measurements.

The 777 Freighter will provide more capacity and fly farther than any other twin-engine cargo airplane, with a range of 4,885 nautical miles (9,065 km) with a full payload and general cargo market densities.

Crane Aerospace & Electronics is a segment of Crane Co., a diversified manufacturer of highly engineered industrial products. Crane Co. is traded on the New York Stock Exchange (NYSE: CR). For more information on Crane Co. visit www.craneco.com.

The 777 Freighter is the sixth and newest model of the market-leading 777 family and is based on the 777-200LR Worldliner (Longer Range) platform. The 777 Freighter will be powered by the General Electric GE90-110B1L engine, a re-rated version of the powerful GE90-115BL used on the 777-300ER. To date, nine customers around the world have placed 56 orders for the 777 Freighter.

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