

Leading a Quality Cultural Change in the Aerospace Industry

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- Boeing Leadership Model
- Engaging and Involving the Workforce
- Employee Involvement's Effect on Quality
- Lean's Effect on Quality
- Moonshine's Effect on Quality
- Boeing's History Since 1995
 - Leaders as Teachers
 - Employee Involvement
 - FPQ - Do Not Create, Pass or Accept Defects
 - 787 Business Model Culture
 - Creating Awareness that Lives Depend on Quality

Ed Dean has been with Boeing since 1978. He began his career in design and liaison engineering. For the past 10 years, he has been Senior Manager of the Engineering Lean Office for Boeing Commercial Airplanes. Ed entered management in 1990 leading a team of designers on the 777 airplane program. In 2000, Ed was asked to develop a lean organization tasked with developing training and implementation strategies for 21,000 engineering employees in the Seattle area. The plan included reducing flow in the design process, eliminating design defects and creating design stability in support of manufacturing.

In the past 10 years, he has worked with customers and suppliers from China, Japan, Russia, and England. Ed has led training and implementation activities with Japan Airlines, China Air, and Boeing's support teams at NASA's Kennedy Space Center and the National Reconnaissance Office in Chantilly, VA. In 2007, Ed received NASA's "Space Flight Awareness Award" for his efforts in improving quality at Boeing's KSC teams supporting the Space Shuttle and International Space Station programs. In 2009, Ed was tasked with supporting Boeing South Carolina's leadership in developing and implementing a lean transformation strategy. Ed's strength is in leading leadership teams through a lean transformation by developing a vision for the future. His approach is to utilize value stream mapping and the 9 tactics to reach their future goals of improved quality and stability to enable flow. In 2010, Ed completed a graduate degree in Masters of Business Administration with an emphasis in Change Leadership from City University of Seattle.