

**PANEL - AIRCRAFT DESIGN: INNOVATION AND PRODUCTION
PLANNING IN AN UNPREDICTABLE WORLD**

MODERATED BY:

WILLIAM ALDERMAN
PRESIDENT
ALDERMAN & COMPANY

PANELISTS:

RAYNARD D. BENVENUTI
CHAIRMAN
EDAC TECHNOLOGIES

DANIEL J. MCCARTHY
SENIOR ASSOCIATE & DESIGN PROPHECT
MUNRO & ASSOCIATES

BARRY DRASKOVICH
GROUP DIRECTOR, PROGRAM MANAGEMENT
PARKER AEROSPACE

PANEL

**Aircraft Design
Innovation & Production Planning
in an Unpredictable World**

William Alderman, Moderator

PANELISTS

Raynard D. Benvenuti

Chairman
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Daniel J. McCarthy

Senior Associate & Design Prophet
Munro & Associates

Barry Draskovich

Group Director, Program Management
Parker Aerospace

Conference Themes

- Discuss manufacturing capabilities and processes, best practices, advances and innovations, automation, industry trends and forecasts.
- Focus on various manufacturing aspects including: tooling, machining, equipment, components, advanced materials, engineering, additive manufacturing, and technological systems.
- Provide insights to improve manufacturing productivity and profitability

Our Panelists

Moderator: *William Alderman*
President, Alderman & Company

Raynard D. Benvenuti

Chairman
EDAC Technologies

Daniel J. McCarthy

Senior Associate & Design Prophet
Munro & Associates

Barry Draskovich

Group Director, Program Management
Parker Aerospace

Agenda

- Introductions
- Open Discussion:
 - ‘Innovation & Production Planning
in an Unpredictable World’***
 - *Will additive have a meaningful impact on aircraft designed?*
 - *How do expectations about future exogenous factors, such as commodity prices, impact aircraft design?*
 - *What are some of the suboptimal things that you frequently see aerospace companies doing in the way they develop designs?*
 - *What role does FAA certification play in the design and development process, and how can efficiencies be found within this framework?*

Raynard D. Benvenuti

**Chairman
EDAC Technologies**

Ray is a Managing Partner at Greenbriar Equity Group, a private equity fund focused on making investments in the transportation sector. He is Chairman of EDAC Technologies Corp. and Align Aerospace, both Greenbriar portfolio companies. EDAC Technologies Corp. manufactures precision components and assemblies for the aerospace turbine engine and industrial gas turbine engine markets, Align distributes hardware and fastener components for commercial and military aerospace applications. Prior to joining Greenbriar, Ray was President and CEO of Stellex Aerostructures, Inc., a manufacturer of structural assemblies and components for commercial and military aircraft. Ray orchestrated a major turnaround at Stellex, which culminated in the sale of the company to GKN, plc. in September 2006. Previously, Ray was with Forstmann Little & Co. where he was active in managing several FL portfolio companies. Prior to Forstmann Little, he was a senior consultant with McKinsey & Company, where he was responsible for several operational restructuring projects for industrial, telecommunications, and aerospace clients. Ray recently was Chairman of AmSafe. Ray holds a B.E. in Mechanical Engineering from Manhattan College, an M.S. in Mechanical and Aerospace Engineering from Princeton University, and an M.B.A. from the Harvard Graduate School of Business Administration, where he graduated as a Baker Scholar. Ray is a private pilot.

Daniel J. McCarthy

**Senior Associate & Design Prophet
Munro & Associates**

Mr. McCarthy is a Senior Associate & Design Prophet with Munro & Associates. Since joining Munro in 1989 Dan has provided Lean Design® and Quality Report Card® consulting services to Munro's clients resulting in billions of dollars of increased profits. His clients include Alliant Tech Systems, Bombardier, Boeing, BAE, Chrysler Corporation, Cummins, CAE, Embraer, General Dynamics, Lockheed Martin, McDonnell Douglas, Medtronic, Quest Aircraft, Raytheon, Rolls-Royce, Siemens and United Technologies. Many of the products involved received industry awards for Product of the Year or Product Development. He has over 35 years of experience in engineering including North American Philips Corporation, GD/Electric Boat Division and Pratt & Whitney Aircraft. Dan was a contributing author to the SME Tool and Manufacturing Engineers Handbook in the areas of Design for Serviceability and Design for Disassembly. Dan received a B.S. degree in Mechanical Engineering Technology at U- Mass Dartmouth and an M.S. degree in Manufacturing Management from Rensselaer Polytechnic Institute.

Barry Draskovich

Group Director, Program Management
Parker Aerospace

Barry Draskovich is the group director of program management for Parker Aerospace. In addition, he has added responsibility as Parker Aerospace Program Executive for the Boeing 787 and Gulfstream G500/600 programs. Joining Parker Aerospace in May 2010, his key responsibilities in this role include the development and implementation of standardized program management policies, processes and tools, improving structural alignment, and increasing skills and competencies across Parker Aerospace. Barry has over 25 years of experience in aerospace, defense, advanced materials, and consumer electronics, with Raytheon Integrated Defense Systems, Honeywell Aerospace, Mobility Electronics, AlliedSignal Aerospace, and Pratt & Whitney. His assignments have spanned leadership roles in program management, engineering, and quality. Barry has established a proven methodology for improving corporate productivity through the implementation of processes, tools, and techniques critical for precise business execution in both small start-up companies and multi-national corporations. Barry holds a bachelor of science degree in Metallurgical Engineering and a master of science degree in Materials Science from the University of Pittsburgh. He is certified as a Project Management Professional through the Project Management Institute and is certified in Six Sigma and Design for Six Sigma. In addition, he holds six US patents.