



AMERICAN AEROSPACE & DEFENSE SUMMIT 2019


DECEMBER 11-12, 2019

RENAISSANCE GLENDALE HOTEL & SPA • GLENDALE AZ

aadsummit.com

TOMORROW'S CONNECTION TODAY

Driving business performance through process and technological innovation

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PROGRAM

PROGRAM DAY ONE

WEDNESDAY, DECEMBER 11TH, 2019

JOIN US FOR THE PRE-EVENT HAPPY HOUR ON TUESDAY, DECEMBER 10 FROM 6:00 PM-7:00 PM

7:00 a.m.—8:00 a.m.

REGISTRATION AND NETWORKING BREAKFAST

8:00 a.m.—8:10 a.m.

CHAIR'S WELCOME ADDRESS

SUPPLY CHAIN CHAIR

DIANNE HOWELLS

VP, Aviation Systems 

MANUFACTURING CHAIR

KEITH YEATER

VP 

QUALITY CHAIR

JOHNNA GERKEN

Deputy Global Transitions Manager



TECHNOLOGY & ENGINEERING CHAIR

DAVID BARNHART

Director 

8:10 a.m.—8:45 a.m.

KEYNOTE

MAXIMIZING PRODUCTION TO MEET THE GROWING DEMAND FOR AIRCRAFT AND SPACECRAFT

- What new tools and technologies should your organization be leveraging? What has proven successful?
- Discussing transformations within aircraft and spacecraft production and how to enable a higher standard of reliability
- Processes to achieve reliability through testing and inspection
- Design communication: Discussing design intention and how to clearly communicate and showcase the overall form of a concept
- Case study: Highlighting success stories from Airbus's new highly automated spacecraft manufacturing facility

JIM MCCLELLAND

Chief Technology Innovation Officer



8:45 a.m.—9:20 a.m.

PLENARY

BUILDING WORLD-CLASS PROCUREMENT AND SUPPLY CHAIN ORGANIZATIONS

- Improving quality and supply continuity by leveraging deep procurement expertise
- Assessing increasingly complex global supply chains and competition and increasing demand for shorter production cycles
- Developing a real-world understanding of global sourcing, supply chain and materials management
- Transforming procurement and supply organizations through strategic planning, leadership and innovation
- Designing original, innovative solutions that strengthen and optimize supply chain procurement processes

ERIC MICHLOWITZ

VP, Supply Chain, Procurement, Space Systems Division



9:20 a.m.—9:55 a.m.

PLENARY

UNIFYING EFFORTS ACROSS TEAMS AND CHANNELS TO SUPPORT COMPLEX MISSIONS

- The U.S. Military and its allies need to be ready to address threats anywhere in the world within 24 hours
- The Aerospace and defense community relies on many teams (knowledge workers, business development, partners, and suppliers) to ensure service members have what they need at a moment's notice
- Salesforce, the first company to bring Software-as-a-Service (SaaS) to market, will show how the right platform unites teams to deliver personalized digital engagement
- Learn from senior leaders in government and manufacturing for the best practices for improving how the experience of employees, partners, and suppliers speeds time to value for government customers

TONY KRATOLVIL
RVP, Manufacturing and Automotive



CASEY COLEMAN
SVP, Government Industry



10:00 a.m.—11:40 a.m.

REFRESHMENTS, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS

11:45 a.m.—12:20 p.m.

SUPPLY CHAIN

SUPPLY CHAIN RESEARCH AND ANALYSIS: ILLUMINATING RISKS IN COMPLEX SYSTEMS

- Framing the strategic challenge posed by the interconnected, multi tiered supply chains of mission projects managed by the NASA Goddard Space Flight Center
- Discussing conditions and risks which can disrupt or threaten the availability, production and delivery of products and services for complex space systems
- Utilizing a holistic analytical framework, business intelligence techniques, an integrated information system platform and analytics to produce insight into suppliers / supply chains and associated risks
- Advancing supply chain risk management capabilities to support the successful performance of space missions

JONATHAN ROOT
Program Manager, Assurance Systems Division, Safety and Mission Assurance Directorate



MANUFACTURING

HOW TO ACHIEVE END-TO-END PROCESS IMPROVEMENT AND CONTROL

- Embedding a zero defect plan within your organization
- Leading and managing cross-functional and high performing teams in satellite air-launcher development and production
- Why removing sources of variation will allow continuous improvement

TOM TRAPP
Senior Director, Mojave Operations



QUALITY

CREATING STANDARDIZED AND MODERN WORK INSTRUCTIONS TO PROMOTE QUALITY AND REDUCE ERRORS

- Discussing the need for enhanced work instructions in aerospace and defense
- Navigating delivery mechanisms - why one size does not fit all
- Case study: Highlighting what's new at Spirit AeroSystems

CINDY HOOVER
VP and Chief Engineer, Operations



TECHNOLOGY & ENGINEERING

BRIDGING THE RELATIONSHIP BETWEEN DISCIPLINE AND VELOCITY IN ENGINEERING DEVELOPMENT PROGRAMS

- Why discipline and velocity in development programs don't have to be mutually exclusive
- Identifying, coaching and mentoring Gen Z talent to assume increased responsibilities in engineering
- Navigating people and processes: Let's talk about Gen Z engineers, and the aerospace industry's newest technologies
- How to create a small company mentality within a large corporation

RANDY ROBERTSON
VP, Next Generation Avionics

Honeywell

12:25 p.m.—1:00 p.m.

WORKSHOP

HOW DO YOU KNOW YOUR S&OP PROCESS IS MEETING THE NEEDS OF YOUR BUSINESS? MEASURE IT!

- What does a good S&OP process look like and why should you care?
- How to identify (define or determine) critical/essential leading and lagging metrics? Which one's are most critical
- How to get engagement and what to do if you don't have it
- Don't have a S&OP process or maybe a complete reboot? Learn how to deploy S&OP with a repeatable rapid implementation methodology

EDWARD HOFFMAN
President



WORKSHOP

AN IMPORTANT STEP FOR OPERATIONS, A GIANT LEAP FOR DIGITAL MANUFACTURING

- Discussing the Manufacturing Execution Systems (MES) as a foundational enabler for Industry 4.0 digital transformation
- How augmented reality, artificial intelligence, cloud and edge computing, mobile and auto-ID are being integrated into MOM solutions
- How MES is central to the digital transformation strategy by providing:
 - Intelligent insights
 - Production-centric data context and governance
 - Procedural standardization and control
 - Response action to issues
 - Connection and a digital thread between engineering and business systems

BECKY KELDERMAN
Director, World-Wide Industry Solutions



WORKSHOP

5 CRITICAL REQUIREMENTS FOR AEROSPACE MANUFACTURERS AS THEY TRANSITION OR GO-TO-MARKET

- How to avoid costly blind spots commonly missed in the Research and Development process
- Improving system performance while reducing time-to-market
- Case study: OEM/ODM collaboration drives innovation and competitive advantage

RICHARD ROSS
VP, Technology and Product Development



WORKSHOP

EFFECTIVE STEPS FOR ACHIEVING AND MAINTAINING COMPLETE SUPPLY CHAIN VISIBILITY

- Mitigating supply chain risk by geographically mapping each of your suppliers
- Leveraging cloud technology to identify and monitor suppliers in all supply chain tiers
- Utilizing this information to meet new quality and cybersecurity requirements, including CMMC
- Case study: How one major OEM is monitoring dimensional results in real time to quarantine issues and eliminate traditional source inspection

MIKE DUNLOP
President and CEO



1:05 p.m.—2:05 p.m.

LUNCH & LEARN ROUNDTABLE DISCUSSIONS

**PUTTING THE COST OF RECEIVING SECTION
BACK TO THE SOURCE AND DEVELOP WITH
DELEGATION**

JASON ANDERSON
Field Engineering Director



**APQP—HOW AEROSPACE CAN BENEFIT FROM
THIS 40-YEAR OLD PROCESS**

JEFF MCLEAN
Director



**OPERATIONAL IMPROVEMENT: TRANSFORM
HOW YOU TRANSFORM**

PAMELA HACKETT
CEO



**MAXIMIZING QUALITY ASSURANCE AND
PROCESS CAPABILITY ASSESSMENT**

LEM HUNTER
Founder and President



**IMPROVING PRODUCTIVITY OF METAL
ADDITIVE MANUFACTURING**

AARON LALONDE
Director, Applications Engineering



**CREATING A LEARNING ORGANIZATION
THROUGH AI**

JEFF MOFFA
President



**ADVANCED COMPONENT MANUFACTURING
AND CAPITAL EQUIPMENT OPTIMIZATION**

BILL SEPANIK
President, America's



**HOW TO SEIZE INNOVATIVE GROWTH
OPPORTUNITIES IN OHIO'S AEROSPACE AND
DEFENSE SECTOR**

GLENN RICHARDSON
Director, Aerospace and
Advanced Manufacturing



**EXTENDING AEROSPACE AND DEFENSE
INNOVATION VIA THE CLOUD**

TONY KRATOLVIL
RVP, Manufacturing and Automotive



**BEST PRACTICES FOR MINIMIZING
COMPLIANCE RISK WITH TIME AND LABOR
TRACKING INFORMATION**

JIM KING
Manager, Senior Product



**TRANSFORMING OPERATIONS: THE DIGITAL
SUPPLY CHAIN AND SMART FACTORY
JOURNEY**

STEPHEN VALL
Industrial Markets and Analytics Executive



JOHN DEVOE
AVP, Public Sector Sales



2:10 p.m.—2:45 p.m.

WORKSHOP

DEVELOPMENT OF INTELLIGENT MANUAL MANUFACTURING

- The state of manual and smart manufacturing
- Effectively introducing Artificial intelligence for complex assembly
- How to use model systems to overcome data limitations

VADIM PINSKIY

VP, Research and Development



WORKSHOP

THE INNOVATION AND REGULATION CONUNDRUM

- Why the aerospace industry is trying to maximize production while being constrained by increasingly heavier regulations
 - Discussing health, safety and environmental norms
 - Quality Systems and Product/Process Approvals
- These regulations have a dual role, both fostering and hindering innovation
- Case study: Developing and introducing novel Aerospace metal working fluids

PATRICE SAIKIEWICZ

Global Director,
Aerospace and Defense



WORKSHOP

DIGITAL TRANSFORMATION IN AEROSPACE AND DEFENSE: IDENTIFY AND EXECUTE KEY CONTRACTS IN A SECURE CLOUD ENVIRONMENT

- How cloud technology can drive success in aerospace and defense
- The key challenges impacting A&D manufacturers today
- Strategies for driving digital transformation in A&D
- Details on compliance risks such as NIST 800-171 and ITAR in the US
- How Infor's government cloud ensures security and compliance
- A case study of digital transformation

ARSENIN RODRIQUEZ

VP, Solution Consulting



WORKSHOP

LEVERAGING INNOVATION TO INCREASE VISIBILITY AND RELIABILITY IN THE AEROSPACE AND DEFENSE SUPPLY CHAIN

- Understanding how the logistics supply chain operates today and how it is evolving
- Reviewing supply chain emerging trends
- Accelerating use of innovation to develop true supply chain excellence in a digital world
- Learning how to leverage partners to make sure you are moving forward

GINA CHUNG

Head, Innovation Americas



2:50 p.m.—3:25 p.m.

SUPPLY CHAIN

LEADING DEVELOPMENT AND DEPLOYMENT OF AN INTEGRATED ENGINEERING STRATEGY FOR PRATT & WHITNEY

- Developing and implementing future growth strategies driven by technical and competitive discriminators
- Taking a look at engineering module centers and partnering with operations leadership to provide engineering production support
- Creating a vision for culture and shift processes and systemic problem solving within engineering and on the shop floor
- Building group-wide engineering functional excellence and drive value streams from design to the customer

BEN REINERT

Chief Engineer, Hot Section Engineering



MANUFACTURING

STRONGER TOGETHER: A MODERN APPROACH TO TACKLING TODAY'S ADVANCED THREATS

- Managing technological and informational standards and process, best practices, and compliance for mission and systems development
- Transforming how security and IT can work better together to protect your organization
- Proactive approaches to the new DoD CMMC requirements
- Case study: Discussing the mounting threats China presents to the aerospace and defense industry, and what SNC is doing to combat them

ROBERT DAUGHERTY

VP, Security and Chief Security Officer, Interim VP, Information Technology and Chief Information Officer



QUALITY

FOSTERING A CULTURE OF QUALITY AND MISSION ASSURANCE WITHIN THE NEWSPACE INDUSTRY

- Managing the empowerment of employees
- Clarity and configuration management
- Navigating vendor vetting, procurement, and relationships
- Streamlining R&I, inventory, and production
- Integrating ERP
- Training and Continuous Improvement

SHEA FERRING

VP, Mission Assurance



TECHNOLOGY & ENGINEERING

BRINGING TOGETHER ENGINEERING TEAMS TO ACCELERATE DEVELOPMENT FOR UAVS

- Skunk Works® innovation and approach to enable rapid fielding of new technologies
- Advancing enabling technologies for autonomy
- How to create a collaborative space where engineers, students and researchers can work together across diverse locations
- Future outlook: Creating technologies that will define the next generation of unmanned aerial systems

JACOB JOHNSON

Director, ISR and UAS Programs



3:30 p.m.—4:50 p.m.

HAPPY HOUR, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS

4:55 p.m.—5:30 p.m.

PLENARY

LEADING DYNAMIC SYSTEMS AND RAW MATERIAL PROCUREMENT IN STRATEGIC PROCUREMENT

- Defining short, medium and long-term strategies
- Developing a culture of collaboration with all key stakeholders to deliver the best value to customers and the company
- Rationalizing your supplier base and selection processes

ROD SKOTTY
President, Maritime Helicopter Support Company



5:35 p.m.—6:20 p.m.

PANEL

FINDING, KEEPING AND GROWING FUTURE LEADERS AND PROCESSES IN AEROSPACE AND DEFENSE

- How does your organization train and empower the next generation of leaders in the aerospace and defense industry?
- Discussing new technologies and collaborative business models to achieve greater speed to market and increased operational performance
- Utilizing people, processes and technologies to enable better decision-making
- Case study: Discussing the value of aerospace cybersecurity and how to train the next generation of leaders in the industry

KARMYN NORWOOD
VP, International Programs, Air
Mobility and Maritime
Missions (AMMM)



SATHISH MUTHUKRISHNAN
Chief Digital and Information Officer
and Interim Chief Technology



JUSTIN SIEBERT
Director, North America
Region Operations



KIM JONES, CISM, CISSP
Director, Cybersecurity Education
Consortium and Professor of Prac-



DANIEL BENSON
Economic Development Specialist



MI-AI PARRISH
Former President



6:20 pm—6:30 pm

MAYOR'S ADDRESS

JERRY WEIERS
Mayor



6:30 pm—6:40 pm

CHAIR'S CLOSING REMARKS

SUPPLY CHAIN CHAIR

DIANNE HOWELLS
VP, Aviation
Systems



MANUFACTURING CHAIR

KEITH YEATER
VP



QUALITY CHAIR

JOHNNA GERKEN
Deputy Global
Transitions Manager



TECHNOLOGY & ENGINEERING CHAIR

DAVID BARNHART
Director



6:40 pm—7:40 pm

NETWORKING DRINKS RECEPTION



PROGRAM DAY TWO

THURSDAY, DECEMBER 12TH, 2019

7:00 am—8:00 am

NETWORKING BREAKFAST

WOMEN IN LEADERSHIP ROUNDTABLE

Enjoy breakfast refreshments and informal networking in the Exhibition Hall. We also invite our attendees to network at a Women in Leadership Roundtable with a discussion from inspirational leaders in the aerospace and defense industry. Seating is limited, so please sign up early.

JOHNNA GERKEN
Deputy Global Transitions Manager



BRENDA BOORDA
VP, Mission Assurance



DARLENE SMITH
VP and GM, Air Vehicles



PAISLEY MATTHEWS
Senior Director, Operations,
Autonomous Systems and
Phantom Works, Boeing Defense,
Space and Security



DIANNE HOWELLS
VP, Aviation Systems



CINDY HOOVER
VP and Chief Engineer,
Operations



BREAKFAST BRIEFS

LEVERAGING TECHNOLOGY TO DEAL WITH BUSINESS CHALLENGES IN THE AEROSPACE INDUSTRY

DAVID SUTTLE
Director, Business
Development



MATT DODDS
Director, Business
Development



BUILDING A QUALITY SUPPLY CHAIN

KURT NUSBAUM
VP, Quality Management
Solutions



8:05 am—8:15 am

CHAIR'S OPENING REMARKS

SUPPLY CHAIN CHAIR

DIANNE HOWELLS
VP, Aviation
Systems



MANUFACTURING CHAIR

KEITH YEATER
VP



QUALITY CHAIR

JOHNNA GERKEN
Deputy Global
Transitions Manager



TECHNOLOGY & ENGINEERING CHAIR

DAVID BARNHART
Director



8:15 am—8:50 am

KEYNOTE

LEVERAGING THE PAST TO SHAPE THE FUTURE OF AEROSPACE AND DEFENSE

- Breaking barriers, broadening horizons, and realizing possibilities not yet imagined by integrating courageous innovation, unparalleled technology and meaningful partnerships
- Addressing the unique challenges to launch vehicles programs with regards to design, engineering, production and quality assurance
- How technologies within the aerospace and defense industry compare to technologies in the past
- Re-thinking the speed-to-market dilemma: partnership strategies for facility build, space sharing and co-control

CINDY NAFUS
VP, Production Operations and Supply Chain



8:50 am—9:25 am

PLENARY

EFFECTIVE LEADERSHIP STRATEGIES THAT DRIVE ENGAGEMENT FOR MILITARY SUSTAINMENT

- Navigating risk culture in an industry that thrives on innovation
- Creating a proactive environment for managing safety risk within the supply chain
- Improving product safety through risk identification and risk mitigation
- Using the LEADERSHIP model to grow future leaders in military sustainment operations
- Case study: A look at how Bell manages risk and fosters leadership to develop breakthrough innovations to deliver exceptional experiences to our customers

CHRIS SEYMOUR
VP, Military Sustainment



9:25 am—10:00 am

PLENARY

STRATEGY IN THE SUPPLY CHAIN: STRATEGIC RISK MANAGEMENT FROM CAPACITY TO PROCUREMENT

- How does supply chain strategy fit within your company's overall business strategy?
- Importance of understanding and assessing risk in the supply chain and developing a strategy to address key risks in the supply chain
- The value of improving quality and supply continuity by leveraging procurement and global sourcing

GERRY JANICKI
VP, Strategy



10:05 am—11:25 am

REFRESHMENTS, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS

11:30 p.m.—12:05 p.m.

WORKSHOP

WHY IT'S NO LONGER "OUT WITH THE OLD AND IN WITH THE NEW": HOW EFFECTIVE KNOWLEDGE TRANSFER ACROSS GENERATIONS CAN TRANSFORM YOUR BOTTOM LINE

- Ensuring that tacit and knowledge is passed from senior employees to green hires
- Assisting in knowledge transfer and eliminating the knowledge gap as a cost-effective HR solution
- Designing your teams and challenging new hires to be where they need to be
- How TPT uses retirees and senior leadership to create the most well-developed, well-rounded engineers in the business

KARI TORKKO
VP, Recruiting



RYAN HANSINGER
VP, Operations



WORKSHOP

GETTING READY FOR INDUSTRY 4.0: AN ACTIVE GUIDE TO PLANT MODERNIZATION

- How to prioritize the most important upgrades, giving you an introduction to a number of automation technologies and crucial considerations
- How modernizing your plant prepares your operations for the future
- Creating a realistic automation roadmap that ensures efficiency and sustainability on your terms

RYAN WASMUND
Director, Sales and Marketing



WORKSHOP

IMPROVING ON-TIME DELIVERY: IT'S NOT ABOUT SCHEDULING

- Learn why traditional production scheduling tools and methods are not helping you deliver to your customer on-time
- Change your thinking of how operations should be run with these 3 concepts
- See how to apply these concepts today to quickly gain visibility and control of your manufacturing operations to know:
 - What work order is most important to be worked on right now?
 - Where is the job and how is it progressing?
 - How can I tell my customer—with confidence—when she will get her order?

MARK LILLY
President and CEO



WORKSHOP

IMPROVING THE ECONOMICS OF SAFETY-CRITICAL ENGINEERED SOLUTIONS USING AGILE AND LEAN PRACTICES

- Presenting the economic view of the value of agile and lean practices
- Equipping leaders with a perspective to evaluate opportunities for change in ways of working
- Focus on complex systems engineering and regulated solutions
- Examining real-world examples of improved value delivery

SAMIT MEHTA
Senior Solutions Consultant



12:10 p.m.—12:45 p.m.

SUPPLY CHAIN

STRATEGY IN THE SUPPLY CHAIN: STRATEGIC RISK MANAGEMENT FROM CAPACITY TO PROCUREMENT

- Building and maintaining resilient supply chains and cybersecurity processes
- Examining how the Internet of Things, Artificial Intelligence, Cloud and other technologies are converging to enable continuous learning cycles in their operations
- Navigating the intersection of cybersecurity and workforce development and training - now and for the future

TONY PAPKE
Director, Business Development



MANUFACTURING

AEROSPACE 4.0: INITIATING AND IMPLEMENTING SMART MANUFACTURING FOR AEROSPACE AND DEFENSE

- Advancing smart manufacturing for aerospace and defense production
- Moving from traditional manufacturing processes to digitization on the shop floor
- Using smart manufacturing on Lean tools
- Maintaining digitization as a strong competitive advantage in manufacturing for 2019-2020

HICHAM WAZNI
Director, Manufacturing Excellence and Smart Manufacturing



QUALITY

QUALITY CONTROL IN GLOBAL AEROSPACE AND DEFENSE PRODUCTION

- Directing production, quality engineering and health safety and environmental portions for major improvement projects at Rolls-Royce
- Creating quality systems and procedures for the launch of new and future business
- Leading cross divisional teams to execute business strategy in a complex commercial and defense procurement environment
- How to create a vision for a culture focused on agility and quality

HAL RAINES
Head, Operations, Quality and HSE



TECHNOLOGY & ENGINEERING

REVOLUTIONIZING SMALL SATELLITE LAUNCH THROUGH NEW CAPABILITIES, TECHNOLOGIES AND SYSTEMS

- Discussing air-launch as a responsive differentiator for small satellite constellation operators
- Concurrent engineering processes that merge best practices from both traditional and NewSpace players
- What's next: New launch applications, technologies and capabilities that earn market share while improving overall operations

WADE MCELROY
Director, Advanced Concepts



12:50 p.m.—1:25 p.m.

WORKSHOP

AEROSPACE "FUTURE FACTORIES": LARGE SCALE COMPONENTS AND ASSEMBLIES MANUFACTURING

- Creating and managing controlled environments and critical tolerances
- How to implement and utilize additive manufacturing and automation
- Discussing the value of multi-program flexibility and adaptability

KEN STONE
VP, Project Executive



DANIEL WEIGANDT
Director, Aviation and Defense Aerospace Programs



WORKSHOP

CARS CAN'T FLY

- Oftentimes, the best ideas come from outside your industry – learn from the Automotive Industry's success
- Explore sensor-based science and its effect on reducing costs, increasing productivity and producing an ROI in 6 months
- Discover if the accuracy of your data is holding you back from advanced automation
- Learn how the strength of a community enables end-to-end supply chain visibility

RUSTY COLEMAN
VP, Digital Transformation



WORKSHOP

CURRENT STATE: THE AEROSPACE AND DEFENSE DIGITAL SUPPLY CHAIN AND SMART FACTORY

- The A&D Digital Supply Chain and Smart Factory are evolving quickly (with or without you)
- The benefits are HUGE
- What it looks like and what problems it solves
- How to get going correctly
- Critical considerations

STEPHEN VALL
Industrial Markets and Analytics Executive



WORKSHOP

OVERCOMING DIGITAL DREAD WITH A DIGITAL THREAD

- Transform and light up your value chain by tying processes and data sources together
- Learn proven practical ideas to help you accelerate and coordinate a Digital Thread across the design, manufacture and service domains
- Come away with valuable insights that help start the conversation in your organization

JOHN RASSIEUR
Managing Partner, Digital Integrated Solutions



1:30 p.m.—2:30 p.m.

LUNCH & LEARN ROUND-TABLE DISCUSSIONS

DISCUSSING AND APPLYING SYSTEMS THINKING
FOR YOUR ORGANIZATION

ALEX OLMEDO
Senior Director, Central Quality



SHAPING THE FUTURE OF AEROSPACE THROUGH
ENGINEERING INNOVATIONS AND DEVELOPMENT

CHRIS BESKAR
Founder and CEO



DRIVING AUTOMATION AND DEVELOPMENTAL
ENGINEERING THROUGH NEW TECHNOLOGY

BILL FLOOD
VP, Engineering



DISCUSSING THE FUTURE OF SAFE UNMANNED
AIRCRAFT

ALEXANDER HARMSSEN
CEO and Co-Founder



CREATING THE FUTURE OF SMALL SATELLITE AIR-
LAUNCHER DEVELOPMENT AND PRODUCTION

TOM TRAPP
Senior Director, Mojave Operations



SUCCESSION PLANNING: SUPPORTING, PROMOTING
AND INSPIRING WOMEN IN
AEROSPACE AND DEFENSE

PAISLEY MATTHEWS
Senior Director, Operations, Autonomous Systems
and Phantom Works, Boeing Defense,
Space and Security



QUALITY'S ROLE IN COST REDUCTIONS

AMY COHEN
VP, Quality and Mission Assurance



MANAGING DIVERSITY AND INCLUSION

TIFFANY NESBIT
VP, Engineering



2:35 p.m.—3:10 p.m.

SUPPLY CHAIN

MITIGATING SUPPLY CHAIN DISRUPTION: ADDRESSING BACKLOG WITHIN THE INDUSTRY

- Discussing backlog and demand challenges within the industry
- Collaboration strategies within the supply chain, and how to drive tangible change
- How collaboration throughout all aspects of the supply chain can increase quality and efficiency at the end of the day

TANYA SALEH
Director, Supply Chain



MANUFACTURING

DRIVING AEROSPACE IMPROVEMENT INITIATIVES TO YIELD BUSINESS RESULTS

- Investing in a global business model and driving sites to leverage a strategy for optimum performance
- Establishing common practices and measures of maturity across operations, program management and supply chain functions
- The importance of people and culture in driving significant change across the business

GARY CLINTON
VP, Program Management



QUALITY

THE IMPORTANCE OF STATE/FEDERAL GOVERNMENT RELATIONS TO IMPROVE OPERATIONS, STRENGTHEN

- State/Federal Relation: Roles and Jurisdictions
- How to Engage Your State/Federal Government Officials and Who to Address
- Discussing how to educate and train current aerospace professionals to improve operations and strengthen your workforce

ROSS GARELICK
Executive Director



TECHNOLOGY & ENGINEERING

AN ANALOG COMPANY GOING DIGITAL: THE DIGITAL TRANSFORMATION OF DATA

- The vision, change is critical to remain competitive. Data is everywhere
- Data Roadmap and a sound strategy are key to a successful implementation and payback
- Case study: Digital Transformation in operations, the road to better utilization of data

ALAN TAKAHASHI
VP and General Manager



3:15 p.m.—3:50 p.m.

FIRESIDE CHAT

TRANSFORMING TO A LIVE ENTERPRISE

- Enhancing product design to accelerate production to meet delivery schedules
- Adopting practices to ensure sustainable operations for now and for the future
- Ensuring and utilizing smart manufacturing
- How to streamline product lifecycle management and supply chain management
- Case study: Developing the next-generation of 'connected' aircraft

RAKESH BABU GOLLAPALLI
VP, Aerospace and Defense



DAVID WALKER
Former CTO, Spirit AeroSystems,



3:55 p.m.—4:30 p.m.

PANEL DISCUSSION

TALENT ACQUISITION AND RETENTION: ADDRESSING THE AEROSPACE SKILLS GAP

- Supporting your teams with clear leadership, vision, and training
- Overcoming the skills gap and getting creative in recruitment and training
- Developing a pipeline of diverse talent and leading teams to maintain progress made
- Techniques for creating a culture of collaboration and innovation
- Attracting the next generation through additive manufacturing, machine learning, blockchain and smart automation

TIFFANY NESBIT
VP, Engineering



CONN DOHERTY
Senior Director, Future Aircraft
Systems and Technology



COLONEL SHAWN MCCAMISH
Commander



DAVID BARNHART
Director



HAL RAINES
Head, Operations,
Quality and HSE



MARC ST-HILAIRE
VP, Sales, North America



4:35 p.m.—4:45 p.m.

CHAIR'S CONCLUDING REMARKS AND DELEGATE SURVEY PRIZE DRAW

SUPPLY CHAIN CHAIR

DIANNE HOWELLS
VP, Aviation
Systems



MANUFACTURING CHAIR

KEITH YEATER
VP



QUALITY CHAIR

JOHNNA GERKEN
Deputy Global
Transitions Manager



TECHNOLOGY & ENGINEERING CHAIR

DAVID BARNHART
Director

