S1000D Users Forum

“S1000D: Realizing the Benefits of Integrated Logistics Support”

October 12- October 15, 2009
Crown Plaza Hilton Head Resort, Hilton Head, SC, USA

AIA Overview

Rusty Rentsch
Asst. Vice President for Technical Operations
Aerospace Industries Association
The Aerospace Industries Association of America, Inc. shapes public policy that ensures the U.S. aerospace, defense, and homeland security industry remains preeminent and that its members are successful and profitable in a changing global market.

AIA is the voice of the aerospace, defense, and homeland security industry, representing the nation’s leading manufacturers and suppliers of civil, military, and business aircraft, helicopters, UAVs, space systems, aircraft engines, missiles, materiel, and related components, equipment, services, and information technology.

Serving its members and the nation, AIA establishes industry goals and strategies, achieving consensus among its members and national and global stakeholders and implementing solutions to industry-wide issues related to national and homeland security, civil aviation, and space.
2009 Board of Governors

Executive Committee:

James F. Albaugh, Executive Vice President, The Boeing Company, and President & Chief Executive Officer, Boeing Integrated Defense Systems
Marion C. Blakey, President & Chief Executive Officer, Aerospace Industries Association
Nicholas D. Chabraja, Chairman & Chief Executive Officer, General Dynamics Corporation
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David P. Hess, President, Hamilton Sundstrand. After Jan 1, 2009, President, Pratt & Whitney, United Technologies Corporation
Clayton M. Jones, Chairman, President & Chief Executive Officer, Rockwell Collins (Ex-Officio)
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Steven R. Loranger, Chairman, President & Chief Executive Officer, ITT Corporation
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Ronald D. Sugar, Chairman & Chief Executive Officer, Northrop Grumman Corporation
William H. Swanson, Chairman & Chief Executive Officer, Raytheon Company
AIA Strategic Areas

U.S. Economic Policy:
• Addresses Legislation and Administration policies in the areas of taxes; budget priorities; and defense contracting.

Stewardship:
• Focuses on three fundamental cross-cutting issues of ethics, the environment, and the safety and security of the aerospace system.

A Level Playing Field:
• Addresses key international marketplace issues such as U.S. export control standards and policies and impediments to our industry in foreign markets.

Infrastructure:
• The three critical issues within this area deal with strengthening the U.S. industrial base; eliminating infrastructure and operational restraints on aerospace growth; and avoiding barriers to efficient defense contracting.

High Performing Organization:
• This goal area identifies the ways in which we will improve our member services while providing the best possible value to members and fostering a culture of organizational excellence at AIA.
National Security Division

- Industrial-Base Policy
- International Air shows
- Workforce Development
- Team America Rocketry Challenge
- Technical Operations
- E-Business
Technical Operations Council

Members:

• Represent the Aerospace and Defense Industry’s Technical Leadership
• Senior Technical and Vice Presidents of Engineering and Support

Objectives

• Define and guide policy decisions favorable to our industry and our nation
• Primary Technical Arm/Advisory Board of AIA
• Principal Advocate for coordinated AIA member companies’ views to the DoD on common non-competitive technical, industrial base, production, program management and product support issues

In this way, the Council will support DoD in enabling the warfighter by efficiently providing industry capability needed for U.S. national defense.
Technical Operations Council Scope

• **Issues Affecting Industry Generally**
  – Technical & Technical Program Management
  – Aerospace Technology and Industrial Base
  – Operations and Engineering

• **Industry Issues with Military Aircraft, Missiles, and Space Vehicles throughout their Life Cycles**
  – Research
  – Development
  – Engineering
  – Test
  – Safety
  – Quality
  – Manufacturing
  – Product Support
  – Material management
  – Information Transfer
TOC/eBSG Organization

Technical Operations Council
Rusty Rentsch

- Strategic Standardization Forum
  Chris Carnahan

- Engineering Management Committee
  Rusty Rentsch

- Product Support Committee
  Rusty Rentsch

- Quality Assurance Committee
  Chris Carnahan

- National Aerospace Standards Committee
  Chris Carnahan
  Monika Nieil (Acting)

- Electronic Enterprise Integration Committee
  Rusty Rentsch

- eBusiness Steering Group
  Rusty Rentsch

- ISO/TC 20 Aerospace Vehicles
  Rusty Rentsch (Acting)

- REACH Working Group
- Engineering Data Interoperability Working Group
- Lead-free Electronics Aerospace WG
- LOTAR - WG
- Technical Publications Sub-committee
- Life-Cycle Sub-committee
- Special Logistics Sub-committee
- Non-Destructive Testing Working Group
- Counterfeit Parts IPT
- Global Collaboration E-Agreements WG
- Standards Evaluation Working Group
- Cyber Security Working Group

Plus: Liaisons with over 2 dozen government, Industry and international WGs
Focus on Partnership

- Entry point for executive level technical leadership
- Opportunities for collaboration
- Development of actionable deliverables
- Formulation of company-level Industry consensus positions
AIA Product Support Committee Overview
Background

• **Product Support Is A Major Element Within The Defense Environment**
  
  – Fewer New Programs And Declining Production
  – Weapon Systems Are Aging And Being Kept In Service Longer
  – Sustainment Initiatives Require Government / Industry Cooperation On Strategies And Policy Definition
Background

• **Role Of Our Committee:**
  
  – *Provide Industry Position In Product Support*
  – *Provide Industry Perspective As Logistics Policy Is Formulated*
  – *Build Relationships With DoD Customers*
  – *Function As A Network Of Experts*
  – *Develop Joint Sustainment Solutions*
  – *Participate In Projects To Achieve Goals*
• **Goals And Objectives**

  – Effective Two-way Communications Of Views And Information Between Government And Industry

  – Support Total Life Cycle Systems Management And The Aggressive Implementation Of Performance Based Life Cycle Product Support Initiatives

  – Influence The Development Of International And Domestic Data and Product Life Cycle Support Standards
Product Support Committee (PSC)

- Organized into Three Subcommittees
  - Life Cycle Support
  - Tech Publications
  - Special Logistics Initiatives

- Product Support Executive Board Directs The Objectives, Policies And Major Courses Of Action Within The PSC IAW The PSC Charter

- PSC Member Companies Include:
  - Raytheon  Lockheed Martin  Northrop Grumman  Boeing  Honeywell  Rolls-Royce  Bell Helicopter  UTC/Sikorsky/P&W  Parker Aerospace  General Electric  Goodrich  DuPont  Eaton Aerospace  BH Aircraft Co  Embraer Aircraft Maintenance Services  Kaman Aerospace  Purdy Corp  ITT Industries  BAE
AIA Connection to S1000D Community

Product Support Committee
Rusty Rentsch

Technical Publications Sub-committee

Life-Cycle Sub-committee

Special Logistics Sub-committee

Representation To S1000D Council

USSMG
Current Projects and Initiatives:

- Performance Based Life Cycle Support
  - Govt. Product Support Assessment Team (PSAT)
  - Modernizing DoD Logistics
- S-Series International Standards For Sustainment
- Electronic Tech Manual Policy
- Miscellaneous Policy Issues
  - PM/PSI Language
  - Lead Free and REACH
AIA has been invited by the AeroSpace and Defence Industries Association of Europe (ASD), to expand our collaboration to the other Integrated Logistics Specifications.

- **S1000D**: The International Specification for Technical Publication utilizing a Common Source Data Base
- **S2000M**: The International Specification for Material Management
- **S3000L**: The International Application Handbook for Logistics Support Analysis as well as the DEX and S1000D interface document
- **S4000M**: The International Specification for Scheduled Maintenance Analysis
- **S5000F**: The International Specification for Operational and Maintenance Data Feedback

The PSC recommendation to collaborate on these specifications has been approved by the Technical Operations Council and AIA Leadership.
Questions?