

Open NOW
for R&M Best
Practices!



Military Aerospace Repair and Maintenance

*Cost Effectively Extending the
Lives of Military Aircraft*

October 16-18, 2006 Westin Arlington Gateway,
Arlington VA

This Event Will Enable You To:

- Assess the future of military aircraft repair and maintenance (R&M)
- Benchmark your own R&M initiatives against leading projects
- Evaluate and adopt Lean Six Sigma approaches to R&M
- Discover and utilize new life cycle management initiatives

An Unrivalled Speaker Faculty Including:

Major General James Pillsbury
Commanding General,
US Army Aviation & Missile
Command, USA

David V. Pauling
Assistant Deputy Under Secretary Of
Defense, Material Readiness and
Maintenance Policy, US DoD

Rear Admiral Michael Hardee
Chief, Naval Aviation Repair
Staff, USN

Colonel Ted Eaton
Commander, 309th, Aircraft Maintenance
Group, USAF

Colonel Ray Woolery
Program Manager, Army
Aviation RESET, USA

Colonel Paul Croistiere
Program Manager, PMA-261, H-53 Heavy
Lift Helicopters Program, USMC

Robert Ernst
Lead, Aging Aircraft IPT, NAVAIR, USN

Colonel Robert McMurry
F-16 Director, 508th Fighter Sustainment
Group F-16, USAF

Massoud Sadeghi
Program Manager, Enhanced
Airworthiness Program for
Airplane Systems, FAA

Sam Malone
Executive Director, Aerospace
Maintenance & Regeneration Center
(AMARC), USAF



www.idga.org

Media
Partners:

Carroll **Defense Daily**

Defense Update

Defense Update

FORECAST

IDGA Alert

DEFENSE

Military Aerospace Repair and Maintenance

Dear Colleague:

Focused and high-level, **IDGA's Military and Aerospace Repair & Maintenance** is your opportunity to get up to speed on the latest developments in aerospace Repair & Maintenance (R&M) techniques and initiatives.

This timely event provides a forum for exchange of information and accomplishments, past and current, on aerospace R&M technique and technologies, and how their use will affect warfare policy and operations.

You will learn about new opportunities, as well as how your peers in military and industry are dealing with challenges and honing the best practices. You will leave this conference with new understanding of current developments and progress in military aerospace R&M endeavors and the path for future streamlining.

Don't miss this unique opportunity to hear from highly respected leaders, such as:

- David V. Pauling, Assistant Deputy Under Secretary Of Defense, Material Readiness and Maintenance Policy
- Sam Malone, Executive Director, Aerospace Maintenance & Regeneration Center (AMARC), USAF
- Lt Colonel Leif Johnson, Deputy Commander, 436th Maintenance Group, USAF

In addition to the unparalleled speaker faculty, the event will also allow you to network with experts from both DoD and industry who are leading the way in aerospace R&M development.

Act now! Reserve your place among the top experts in military aerospace R&M. Register yourself and a team of key people today by calling 800.882.8684 or online at www.idga.org.

I look forward to seeing you in October!

V/R,



Page Robinson
Program Director
page.robinson@idga.org

P.S. Don't forget to sign up for the Cost Reduction Workshop day!

Who Will Attend?

IDGA's Military Aerospace Repair & Maintenance is your opportunity to get up to speed on the latest developments in aerospace R&M techniques and technologies. You will have the unique opportunity to interact and network with senior level professionals from military units, government agencies, contractors and technology service providers. Attendees will include military, government, academic, and private sector leaders with a variety of responsibilities, including:

Plans and Policy	Engineers	Materials & Maintenance
Operational Requirements	Senior/Chief/Principal Engineers	PM/PEO/Commanders
Program Management	Logistics Directors/Operational	
Software/Architecture/Research	Support Directors	

Who Has Attended in the Past?

Some of our past attendees have included:

AAI Engineering Support, Inc.	DARPA	JV Air Maintenance Inc.	PEO Aviation
Air Force Cost Analysis Agency	EDO Corporation	Massachusetts Institute of Technology	Qualtech Systems Inc.
America West Airlines	Embry-Riddle Aeronautical University	Meggitt Aerospace Equipment	Robins Air Force Base
ARSC USCG	FAA	NADEP Jacksonville	Rolls-Royce
BACK Aviation Solutions	Georgia Tech	Naval Air Depot	Simpler Consulting, Inc
Boeing	HR Textron	Naval Air Systems Command	US Airways
COBRO/WESTAR A&DG	Joint Strike Fighter Program Office	OC-ALC/MAEAPA Tinker AFB	USCG AR&SC
Corpus Christi Army Depot			Westar Corp.

About the Organizer:



The Institute for Defense & Government Advancement is a non-partisan information-based

organization dedicated to providing the public sector with in-person and on-line information. IDGA provides well-researched, uniquely tailored events that bring together speaker panels comprised of government professionals while attracting delegates with decision-making power from the government sector. Through events and online resources IDGA not only keeps its clients abreast of operational and industry advancements but also provides a forum for networking with influential government and industry professionals.

For more information on IDGA newsletters, site membership, upcoming conferences and international symposiums, please visit www.idga.org or email info@idga.org.

IDGA Alert

Sign Up Today – It's Easy and Best of All, It's Free!

IDGA Alert is your one-stop source for information on defense news, industry job openings, conferences, and more!

Not subscribed yet? Then sign up today at www.idga.org!



www.idga.org 1-800-882-8684

Cost Reduction Techniques Pre-Conference Workshop Day Monday October 16th 2006

Give more time to the issues!

Sign up and dedicate more time for dialogue and learning in an interactive classroom-style environment. Explore:

- An introduction to cost uncertainty analysis
- Current performance-based logistics initiatives
- Lean and six sigma approaches to repair and maintenance

8:00 am - 11:00 am *Breakfast will be served*

Achieving Success with your Performance-Based Logistics Efforts

The DoD is making fundamental changes to the way it buys weapon system support with the adoption of PBL agreements. But what is the best way to implement a PBL? This workshop will give some highlights that can help you improve your efforts.

The workshop will include:

- An overview of Performance-Based Logistics
- Current state of PBLs
- Attributes of a successful PBL
- Tips for getting your PBL efforts off the ground

Workshop Leaders:

Kate Vitasek

Lead Faculty

University of Tennessee's PBL Program

Jerry Cothran

Program Director, Performance-Based Logistics

Defense Acquisition University, Fort Belvoir, Virginia

Both the University of Tennessee and the Defense Acquisition University offer educational courses on the topic of PBL. Mr. Cothran is a thought leader on the topic of PBL and has responsibility for development and continuing assessment of all PBL materials and PBL support for DAU. Ms Vitasek is a well recognized authority on the topic of supply chain performance metrics. She helped to develop the four day PBL course offered at the University of Tennessee, which is the only course designed specifically to help contractors learn more PBL and how to work to implement PBL agreements. In addition to being outstanding instructors, both session leaders actively research and have published on the topic of PBL.

11:15 am - 2:15 pm *Lunch will be served*

An Introduction to Cost Uncertainty Analysis

Cost is a driving consideration in decisions that determine how a high-technology system is engineered, produced, and sustained. Critical to these decisions is quantifying how technological and economic uncertainties affect a system's cost. This lecture provides an introduction on how probability methods are applied to model, measure, and manage risk in the cost of engineering today's advanced systems. The course material is developed from the book Probability Methods for Cost Uncertainty Analysis – A Systems Engineering Perspective.

Throughout the lecture, detailed discussions on technical issues associated with cost uncertainty analysis are given. This includes the treatment of correlation between the cost of various system elements, how to present the analysis to decision-makers, and the use of bivariate probability

distributions to capture the joint interactions between cost and schedule. Analytical techniques from probability theory are stressed, along with the Monte Carlo simulation method.

Workshop Leader:

Paul R. Garvey

Chief Scientist and Director

Center for Acquisition and Systems Analysis, a Division of the MITRE Corporation

Mr. Garvey is internationally recognized and widely published in systems cost analysis, cost uncertainty/risk analysis, and in the application of decision analytic methods to problems in systems engineering risk management. He lectures frequently on these and related topics to government agencies and academic institutions in the US and abroad.

2:30 pm - 5:30 pm

Advanced Diagnostics and Prognostics, Embedded Technology, and Six Sigma and Lean Repair & Maintenance Techniques in Continuous Process Improvement

The high operational tempo over the last five years resulting from the Global War on Terror has amplified many of the challenges facing the military's maintenance community. Supporting aging platforms is a challenge in itself—doing so while fighting in geographically dispersed areas while simultaneously transforming the supporting infrastructure and adopting whole new processes is even more challenging. This presentation describes the various aspects of the current challenges and evolving transformation and highlights the initiatives for the future of military aerospace repair and maintenance, including advanced diagnostics and prognostics, embedded technology and the widespread adoption of Six Sigma and Lean techniques in continuous process improvement.

Workshop Leader:

Gary O'Neill

**Senior Research Engineer, Co-Director
Logistics and Maintenance Applied Research (LandMARC)
Georgia Tech Research Institute**

Gary O'Neill's 25 years of experience in the US Navy as an operational aviator (with over 1,700 flight hours) and Aerospace Engineering Duty Officer included hands on experience with continuous process improvement projects in two Naval Air Depots and an aviation repair activity based in Japan that included a Deming prize winner as a repair provider. He was directly involved in the conversion of the first DoD maintenance activity to Manufacturing Resource Planning (MRP II) business processes across the entire facility while simultaneously achieving ISO 9000:2001 registration. He has also completed research for the US Air Force in diagnostics and prognostics of ground based satellite tracking systems and has contributed to research in performance support systems for maintenance and Automated Identification Technology (AIT), particularly in tracking and tracing high value assets for DoD.

Main Conference Day 1

Tuesday October 17th 2006

7:45	Continental Breakfast and Registration
8:30	Welcome and Opening Remarks
8:40	Keynote Address: Military Aerospace Repair & Maintenance: Current Challenges and Future Initiatives Major General James Pillsbury, Commanding General, US Army Aviation & Missile Command, USA
9:20	F-16 Sustainment Challenges and Initiatives <ul style="list-style-type: none">• Current sustainment challenges• New cost reduction strategies• Future initiatives Colonel Robert McMurry, F-16 Director, 508th Fighter Sustainment Group F-16, USAF
10:00	Refreshment and Networking Break
10:30	Keynote Address: Sustained Material Readiness and Maintenance Policy <ul style="list-style-type: none">• Current material readiness challenges• Future maintenance policy initiatives David V. Pauling, Assistant Deputy Under Secretary Of Defense, Material Readiness and Maintenance Policy
11:10	309th Maintenance Group: Maintain, Repair, Overhaul, and Develop <ul style="list-style-type: none">• Wing overview• Depot transformation• Partnering efforts• Contracting opportunities Colonel Ted Eaton, Commander, 309th Aircraft Maintenance Group, USAF
11:50	Lunch
1:00	FAA Aging Aircraft Initiatives <ul style="list-style-type: none">• Current aging aircraft initiatives• Cost effective strategies• New techniques and challenges Massoud Sadeghi, Program Manager Enhanced Airworthiness Program for Airplane Systems
1:40	Depot-Level Repair Development Projects Supporting Army Aviation <ul style="list-style-type: none">• How the Army collects scrap parts and data to support aviation repair development projects• Detailed descriptions of 5-6 different repair development projects• Repair development performance metrics such as value engineering and critical supply shortage solutions Kevin S. Rees, Chief, Maintenance Engineering Division, Aviation Engineering Directorate, US Army Research, Development and Engineering Command, USA
2:20	Refreshment and Networking Break
2:50	Aircraft Regeneration <ul style="list-style-type: none">• Cost saving efforts success and challenges• F-4 regeneration for the Air Combat Command's Full-Scale Aerial Target (FSAT) or drone program• Partnership with the US Navy to regenerate and deliver P-3 aircraft to various foreign allies in order to improve allied interoperability Sam Malone, Executive Director, Aerospace Maintenance & Regeneration Center (AMARC), USAF
3:30	Interactive Panel Session: Sustainment Challenges and Solutions for Today's Aircraft <p>Put your questions to an elite panel of Military and Industry experts</p> Discussion points: <ul style="list-style-type: none">• Hear first-hand experience from those tactically executing repair and maintenance initiatives• Learn about current needs and challenges forcing keeping costs high
4:15	END OF DAY ONE

Main Conference Day 2

Wednesday October 18th 2006

7:45	Continental Breakfast and Registration
8:30	Welcome and Opening Remarks
8:40	Keynote Address: Transforming Naval Aviation Maintenance for the 21st Century <ul style="list-style-type: none">• Readiness standards and policy• Maintenance and supply chain management• Acquisition and lifecycle support Rear Admiral Michael Hardee, Chief, Naval Aviation Repair Staff, USN
9:20	Reducing Total Ownership Costs on the H-53 Helicopter <ul style="list-style-type: none">• H-53 history and relevance in modern battlespace• CH-53E health usage monitoring system• Heavy Lift Replacement: The requirement and designing for the maintainer Colonel Paul Croistiere, Program Manager, PMA-261, H-53 Heavy Lift Helicopters Program, USMC
10:00	Refreshment and Networking Break
10:30	Applying Lean Principles to Achieve Results in Aircraft Maintenance <p>A case study of how the 436 MXG at Dover AFB, implemented Lean, 6S, and the theory of constraints to increase the efficiency of their processes, and how this continuous improvement is aiding them to better fulfill their mission of:</p> <ul style="list-style-type: none">• Safely fixing and flying aircraft• Moving cargo• Preparing and deploying people• Returning fallen soldiers w/honor, dignity, and respect Lieutenant Colonel Leif C. Johnson, Deputy Commander, 436th Maintenance Group, USAF
11:10	Naval Aviation Enterprise AIRSpeed <ul style="list-style-type: none">• Lean Six Sigma and theory construct to improve productivity across aircraft life spans Dale Moore, Director, NAVAIR Materials Division, USN
11:50	Lunch
1:00	Current Air Force Aircraft Maintenance Initiatives <ul style="list-style-type: none">• Background on Air Force logistics transformation• Current challenges and future initiatives Colonel Bill McKinley, Chief, Weapon Systems, A4M, USAF
1:40	A New Way of Looking at Old Airplanes <ul style="list-style-type: none">• Balance of technology• Conditioned based maintenance (CBM)• Training and publications• Continuous tech insertion Robert Ernst, Lead, NAVAIR, Aging Aircraft IPT, USN
2:20	Refreshment and Networking Break
2:50	Army Aviation RESET Program <ul style="list-style-type: none">• Strategic assessment incorporating lessons learned from OIF/OEF• Reconstitution including: Resourcing, repair/overhaul, prioritization, facilities, and personnel• Establishing a long term OIF and OEF plan for stability and support operations with force rotations for ongoing operations• Reestablishing and restructuring Army pre-positioned stocks (APS)• Implementing the Army component to the OSD integrated global presence and basing strategy; and Army transformation and modernization Colonel Ray Woolery, Program Manager, Army Aviation RESET, USA
3:30	Aviation Supply Operations at the DLA <ul style="list-style-type: none">• Current focus• Future plans Nancy M. Heimbaugh, Chief, Supplier Operations Branch Acquisition Division, Defense Logistics Agency
4:15	CONCLUSION OF CONFERENCE

Sponsorship and Exhibition Opportunities

IDGA Sponsorships and Exhibits are an excellent opportunity for your company to showcase its products and services to a highly targeted, senior-level military audience.

IDGA helps companies achieve sales, marketing and branding objectives by setting aside a limited number of event sponsorships and exhibit places - all of which are custom-tailored to help your company maximize its exposure at the event and reach key decision makers in your field.

To learn more about these and other marketing opportunities please contact David Kirby at 212-973-3319 or via email at sponsorship@idga.org.

Current Exhibitors Include: **LOOSE&CO!**

Media Partners:

IDGA Alert IDGA Alert is a free monthly newsletter exclusive to IDGA Site Members. Each month IDGA Alert keeps you updated on current news as well as conferences and seminars that are important to all members of the defense community. To activate your free IDGA site membership and begin receiving the free IDGA Alert newsletter visit www.idga.org.

Carroll Carroll Publishing produces America's largest database of government decision makers. Carroll is the exclusive provider of organization charts of the federal government and DoD. With 320,000 government contacts, and 800 organization charts, Carroll helps you find your key government decision maker, fast! Contact: Gordon Peil, gpeil@carrollpub.com, 703-757-8228. www.carrollpub.com.

ASD-Network The smart network for the Aerospace & Defense world. The Aerospace & Defense Network is a business promoting network on the Internet for the Aerospace and Defense community. We offer Business news, Source information, and distribution. If your news needs to reach the world... As dedicated news distribution experts for the Aerospace & Defense market, the ASD-Network is delivering your news to the media around the world quickly and reliably. Every considerable online and offline ASD Media is reached by ASDWire (www.asdwire.com). The Aerospace & Defense Network offers to you a FREE Daily Headlines Service. This service keeps you informed with the latest business news from the global Aerospace & Defense organizations. Visit www.asd-network.com.

Defense Update Defense Update online bi-monthly defense magazine highlights defense programs worldwide including land, air, naval, C4ISR, intelligence, and net-centric warfare, infantry warfare, homeland defense etc. The coverage is frequently updated to follow the development of key defense programs. Major global defense exhibitions are covered. Defense Update is available free at: www.defenseupdate.com.

Defense Daily For nearly 47 years, Defense Daily has been the leading daily publication for business leads and defense market intelligence in land, sea, air, and space initiatives. We're delivering our award winning reporting to almost 250,000 users a month. Learn about money-making opportunities in: Aircraft, Naval Systems, C4I, Information Warfare, Land Warfare, Rotorcraft, Global Positioning, Space & Satellites. Visit www.defensedaily.com.

TECHEXPO TOP SECRET TECHEXPO Top Secret produces the defense industry's leading career fairs for security-cleared professionals. Jobs span Technology, Engineering, Aerospace, Telecom, Intelligence, and Operations. Visit www.TechExpoUSA.com today for a current job fair and open house schedule. You can also search hundreds of job listings posted by federal agencies and government contractors.

FORECAST INTERNATIONAL The World's Leading Provider of Market Intelligence for the Aerospace, Defense and Power Industries. Forecast International Inc's Intelligence Services and products are created by a worldwide team of renowned analysts using unparalleled informational and statistical databases and an intelligence gathering network developed over the companies 30+ year history. These products cover over 3,000 programs and provide unique 10-yr unit production and value forecasts. They are specifically designed to assist Marketing and Planning Professionals as well as Military Analysts and top Government Officials who require reliable intelligence and related technical data to make critical decisions. Visit www.forecastinternational.com.

Register Online, by Email, Phone, Fax or Mail

Web: www.idga.org

Email: info@idga.org

Phone: 1-800-882-8684 or 973-256-0211

Fax*: 973-256-0205 24 Hours A Day

Mail*: IDGA
555 Route 1 South, Iselin, NJ 08830

* To register by fax or mail download and print the registration form online at <http://www.idga.org/IDGAregerbyfax>

Important! To speed registration, provide the customer registration code located on the back page—even if it is not addressed to you!

MAKE CHECKS PAYABLE IN U.S. DOLLARS TO: IDGA

* CT residents or people employed in the state of CT must add 6% sales tax.

Pricing

2-Day Conference\$999

Pre-Conference Workshop Day\$500

Discounts:
Contact IDGA at 800.882.8684 for information on group discounts

Details for making payment via EFT or wire transfer:

JPMorgan Chase
Penton Learning Systems LLC dba IDGA: 957-097239
ABA/Routing #:021000021

Reference:

Please include the name of the attendee(s) and the event number: 10652.001

Payment Policy: Payment is due in full at the time of registration and includes lunches, refreshments and detailed conference materials. Your registration will not be confirmed until payment is received and may be subject to cancellation.

Please go online to www.idga.org/cancellation to view our cancellation policy

Venue and Lodging Information:

WESTIN ARLINGTON GATEWAY HOTEL



801 North Glebe Road, Arlington, VA 22203
Phone: (703) 717-6200 • Fax: (703) 717-6204
Web: www.starwoodhotels.com/westin

To secure reduced rates, please call the hotel at least 4 weeks prior to the conference and be sure to mention our conference name. Note: call hotel for directions or transportation suggestions.

Special Dietary Needs: If you have a dietary restriction, please contact Customer Service at 1-800-882-8684 to discuss your specific needs.

©2006 IDGA. All Rights Reserved. The format, design, content and arrangement of this brochure constitute a trademark of IDGA. Unauthorized reproduction will be actionable under the Lanham Act and common law principles.

REGISTRATION CARD

YES! Please Register me for

MILITARY AEROSPACE REPAIR AND MAINTENANCE

- 2-Day Conference Only
 Cost Reduction Techniques Pre-Conference Workshop Day
 Conference Plus Workshop Day

See Page 5 for pricing details.

Yes! Please sign me up for the FREE **IDGA Alert**

Your customer registration code is:

When registering, please provide the code above.

Name _____

Title _____

Organization _____

Address _____

City _____ State _____ Zipcode _____

Phone _____ Fax _____

E-Mail _____

Please keep me informed via email about this and other related events.

Check enclosed for \$ _____ (Payable in U.S. Dollars to IDGA)

Charge AMEX Visa Master Card

Card # _____ Exp Date: ____/____

Details for making payment via EFT or wire transfer can be found on preceding page.

I cannot attend, but please keep me informed of all future events.

IDGA

535 5th Avenue, 8th Floor
New York, NY 10017

5 EASY WAYS TO REGISTER:

- 1 Web: www.idga.org
- 2 Email: info@idga.org
- 3 Phone: 1-800-882-8684 or 973-256-0211
- 4 Fax: 973-256-0205 24 Hours A Day
- 5 Mail: IDGA
555 Route 1 South, Iselin, NJ 08830

10652.001/D/TP



Military Aerospace Repair and Maintenance

October 16-18, 2006

Westin Arlington Gateway, Arlington VA

*Open Now and
Learn How to
Cost Effectively
Extend the Lives of
Military Aircraft!*

www.idga.org

