



**The Landing at Hill Air Force Base, UT
3 – 5 April 2017**

Monday, 3 April 2017

1230 Arrive at The Landing for Tours

1245 – 1400 Reserved Tours

– Intermittent Fault Detection & Isolation System

See state-of-the-art Intermittent Fault Detection & Isolation System™ (IFDIS™) – No Found Fault intermittent fault detection equipment capabilities first hand. Outstanding efforts are taking place at Ogden Air Logistics Complex, Hill AFB to detect and isolate faults in aircraft Weapon Replaceable Assemblies (WRAs)/Line Replaceable Units (LRUs). WRA/LRU degradation is aggravated by complex physical forces consisting primarily of vibrational stress, temperature and humidity extremes, and a high operational tempo.

– Air Force Full Aircraft Robotic Laser Removal

Hill AFB is the site of an Air Force program that encompasses fully autonomous laser paint removal systems for the F-16 Falcon and C-130 Hercules aircraft. The laser energy is applied through large, high-precision robots specially designed and built for this application. On the tour, discussion will focus on safety, environmental, and economic benefits of the technology.

1400 – 1700 Registration Opens

1700 – 1900 Evening Table Top & Welcome Reception

Tuesday, 4 April 2017

0730 – 0900 Registration (if not already checked in)

0900 – 0930 CTMA Overview

Greg Kilchenstein, OSD Maintenance
Debra Lilu, NCMS

0930 – 1130 CTMA Workshop

In-depth tutorial on concept paper, extensive overview of MIPR requirements, comprehensive overview of CTMA cooperative agreement, mechanics of a good CTMA project, i.e. partner's roles during execution, outreach including updates CTMA website, CTMA completion, CTMA Connector and JTEG integration.

1130 – 1300 Lunch & Table Top Networking

1300 – 1330 Introductions

Brig Gen Cauley Von Hoffman, Hill AFB
Jon Riley, NCMS
Greg Kilchenstein, OSD Maintenance

1330 – 1335 Keynote Speaker Introduction

Kenneth D. Watson, DASD Maintenance Policy and Programs

1335 – 1415 Keynote Speaker

Steven J. Morani, SES, USAF, Deputy Director of Logistics, Civil Engineering and Force Protection (A4) HQ Air Force Materiel Command

1415 – 1430 Break

1430 – 1630 Panel Session – Sustainment Innovation Lead

An esteem panel made up of Sustainment Innovation Leads from each of the Services including the Defense Logistics Agency will discuss how they are able to accelerate innovation by following a defined technology insertion process front loaded for success. This will include how their needs are identified, by who, and the process and criteria used to prioritize which technologies will be pursued. You will see how collaboration with industry and academia is vital to assuring emerging technologies are quickly adopted benefiting the warfighter. The panel will be interactive with time for questions and answers.

Moderator: Frank Zahiri, Warner Robins Air Force Base

Panel Members:

- Kelly Morris, DLA
- Mark Smallwood, Air Force
- Joe Sparks, COMFRC
- Janice Bryant, NAVSEA
- Kevin Bostic, Army Materiel Command

1630 – 1700 Break

1700 – 1900 Evening Table Top & Networking Reception

Wednesday, 5 April 2017

0700 – 0800 Registration

0800 – 0845 Keynote Speaker

Kenneth D. Watson, DASD Maintenance Policy and Programs

0845 – 0900 Break

0900 – 1030 Tech Insertion and Cyber Security Workshop

An issue facing insertion of new, innovative technology is obtaining Cyber Security (CS), Interim Authority to Test (IATT) and/or Authority to Operate (ATO) approval. Requirements for CS, IATT and ATO continue to evolve and become more stringent. Gaining an understanding of those requirements as well as learning how best to meet them has become a challenge. This workshop will have experts from the Services to address the issue. Additionally, an Air Force case study will be presented on lessons learned in achieving Cyber Security/IATT approval.

For those that cannot attend in person, you are welcome to call into the following conference line to listen in:

Call-in: 888-537-7715

Passcode: 57995330#

Speakers:

- James Clark, Mercer Engineering Research Center (MERC)
- Frank Zahiri, Warner Robins AFB
- Lance Ray and/or Robert Worrell, Air Force AO office (Dialing in to conference line)
- Alain Lussier, Solavitek

1030 – 1045 Break

1045 – 1215 Track 1 (3 Tracks with 3 briefings)

1-A

- Smart Factory Inspection System
- Affordable Readiness through a Comprehensive Asset Performance Management Strategy
- Your World is a Warehouse with the ONE Defense Core: Developing and Deploying for the AFCOMAC War Game

1-B

- Thermoplastic Membrane Technology for Water Filtration
- Reversible Adhesive Systems for Maintenance and Sustainment
- Preventing Environmental Degradation during Long-Term Storage for Tires
- Agile Government Developed Software for a Globally Responsive Army Reserve
- Autonomous Transport

1-C

- Support U.S. Marine Corps' Logistic Enterprise Resource Planning (GLIS III)
- Cyber/Information Assurance Evolution in Software Assurance in the U.S. Marine Corps
- PLM for Integrating Maintenance and Sustainment Program Requirements through an Asset's Lifecycle
- Voice-Directed Inspection Maintenance System (VIMS)

1215 – 1300 Lunch & Table Top Networking

1300 – 1345 REPTECH (Penn State) Spotlight

Tim Bair, Applied Research Laboratory, Penn State University

REPTech applies appropriate technologies to improve capabilities of the remanufacture and repair community and plays a central role in utilizing emerging technologies to improve the repair process and the affordability of Navy and Marine Corps repair facilities.

1345 – 1400 Break

1400 – 1530 Track 2 (3 Tracks with 3 briefings)

2-A

- Intelligent Management Analysis System (IMAS)
- Increasing Productivity and Quality Insights into Maintenance Activities
- Lithium Ion Batteries for Forklifts

2-B

- No-Fault Found (NFF) Government Perspective
- Get the Most from Your Wire Testing
- Voyager Intermittent Fault Detector (VIFD) – DIT-MCO Voyager
- Advanced Mobile Universal Electrical Tooling (AMUET)

2-C

- Smart Grid/Energy Awareness
- Confined Space Monitoring
- Expeditionary Fluid Analysis Capability DoD Deployment Plan Tier I and Tier II Capabilities

1530 – 1545 Break

1545 – 1715 CTMA Technology Competition

JTEG "Shark Tank" Format with Top 6 Finalists

The top 6 finalists of the CTMA Technology Competition will be granted 10 minutes to present their submission/idea to the audience, followed by 5 minutes of Shark Tank Q&A with the competition review panel. An overall winner will be announced.

1715 – 1730 Closing Remarks

