



Safety & Health Managers Meeting

NASA 2005 Safety and Health Managers Meeting

February 28 – March 3

Dryden Flight Research Center
Safety and Medical Health Update

Dan Mullen, PE

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NASA Dryden Flight Research Center Safety Update

Safety, Health, & Environmental Office
Dan Mullen



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Successes

- ChemSecure Project
 - Sensor-Based (RFID) Technology Demonstration/Transfer
 - Reduce Costs/Increase Safety, Security, Real Time Data
 - Exceptional Outreach Coverage
- Facility Systems Configuration Control Board
 - Worst First Approach > Baby Steps
 - Current Systems > Fire, Power Distribution
 - Other Systems Addressed by Risk Priority
- 100% Fire Sprinkler Coverage for Occupied Facilities



Challenges

- Risk in Transformation
 - Change Represents Risk
 - Change in Budget
 - Change in Organization/Structure
 - Change in Management
 - Change in Skills Mix
 - Change in Experience Levels
 - Change in Job Security/Work Environment
 - It's not Just a Matter of Doing More with Less
 - We Need to Analyze and Understand



Other Topics

- IFO Compliance Verification Process
 - Some Beta Test\Coordination Issues
 - Overall Improvement in Process
 - Excellent Audit Team
 - Good People Key to a Good Audit
 - Findings (and Commendations) Value Added



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NASA Dryden Flight Research Center Medical Health Update

Health and Medical Services Office
Gregg A. Bendrick



Current Services

- Medical
 - 911 Emergency Response
 - Shuttle Support
 - Clinical Services
 - Occupational Illnesses & Injuries
 - Physical Examinations & Clearances
 - Health Promotion
- Fitness Center
 - Current facility marginally acceptable



DFRC-EAFB Interactions

- Good relationship and interaction with Edwards Air Force Base
 - They perform the emergency transport off-base to local ER
 - Base has a Clinic, not a hospital, with no Emergency Room
 - Some medications & supplies obtained through Medical Logistics
 - Biohazardous waste disposal



Additional Interactions

- Safety (Industrial Hygiene)
 - Especially Hearing Conservation Program
- Security
 - EMS 911 responses
 - Medication Management & Security
- USAF Public Health
 - Food Sanitation & hygiene for the NASA Cafeteria (AAFES-operated)



Recent Changes

- DFRC Health Unit was outside the perimeter fence
- OHP Evaluation Team Audit identified this as a problem in earthquake response
- Gates changed such that health Unit is not within perimeter fence
 - An enhancement of Emergency Response capability



Recent Changes

- **New Contract for Health Unit & Fitness Center**
 - STG International, Inc.
 - Started November 1, 2004
 - So far, things are working well
- **New Fitness Facility**
 - New construction approved & contract let
 - Should break ground before April 30, 2005



Recent Changes

- Refurbishment of the Integrated Support Facility
 - New cafeteria complex coming in May 2005
 - Three vendors, operated through AAFES
 - HACCP practices will be emphasized
 - Currently “Meals-on-Wheels” truck comes twice daily
 - Empty trailer provided for sit-down eating



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Upcoming Issues

- Shuttle landings most likely, and on some recurring basis
 - Interaction with UCLA and Loma Linda University Medical Centers
 - Direct medical support for landing, post-flight evaluations, and Orbiter turn-around
- New Fitness Facility
 - Will be physically much closer to Health Unit



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Conclusion

Questions?

