Welcome National Conference of State Legislatures To Forbes Field ANGB

Colonel Ronald W. Krueger
190th ARW Commander
Overview

190th / Guard 101
Current Initiatives and Taskings
Master Plan
Deployments
190th ARW Overview
190th Overview

- Operations & Maintenance operations supporting 12 KC-135 unit with a 33-year track record in AR Excellence
- Medical Services
  - Provides medical personnel and equipment supporting state/fed
- Mission Support Services
  - Fire Dept
    - Structure Experts, Plumbers, Electricians, Environmental
  - Emergency Mgmt – Chemical Defense / EOC
- Security Forces (Military Police)
  - Site and Asset Security
- Communications
- Force Support
  - Services
  - Personnel / Human Resources
190th ARW Missions

Precision Measurement Equipment Laboratory (PMEL)
One of four PMEL in the ANG
Repair and calibration of over 10,000 items annually
Services 17 units including Virgin Islands and Puerto Rico
24 full-time Title-5 employees

Civil Support Team (CST)
73rd CST supports local and state authorities at domestic WMD/NBC incident sites by identifying substances, assessing consequences, advising on response measures, and assisting with requests for military support.

127th Weather Flight
127th WF maintains the capability to augment the 3rd Air Support Operations Group/Air Combat Command when mobilized. They provide deployed weather support to Army and Air Force operations worldwide.

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Significantly expanded EMEDS mission: 3 EMEDS +25 sets, 2 Air Transportable Clinics, 1 Pediatric module; also provides medical logistics support to 17 CERFP states.
The Congress shall have power...

• To provide for calling forth the militia to execute the laws of the union, suppress insurrections and repel invasions;

• To provide for organizing, arming, and disciplining, the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the states respectively, the appointment of the officers, and the authority of training the militia according to the discipline prescribed by Congress;

-- U.S. Constitution, Article I, Section 8

Founded 1636, Massachusetts Bay Colony

Articles of Confederation call for a well-regulated militia for each state

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Militia Presidents

George Washington  
Thomas Jefferson  
James Madison  
James Monroe  
Andrew Jackson  
William H. Harrison  
John Tyler  
James Knox Polk  
Franklin Pierce  
James Buchanan  
Abraham Lincoln  
Ulysses Simpson Grant  
Rutherford Birchard Hayes  
James Abram Garfield  
Chester Alan Arthur  
Benjamin Harrison  
William McKinley  
Theodore Roosevelt  
Harry S. Truman  
George W. Bush
**Guard Missions**

- **State Mission**
  - To Provide Trained and Equipped units & individuals to protect life, property, and preserve peace, order and public safety

- **Federal Mission**
  - To Provide Trained units and Qualified persons available for active duty in the armed forces
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Magnified Across Entire Force Structure

Impact of ANG Hometown Visibility

70 Active Duty Hometown Locations

177ANG Hometown Locations

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Magnified Across Entire Force Structure

Army & Air National Guard Installations Nationwide
Nearly 3300 Locations in 2700 Communities

“Citizens Serving Citizens With Pride & Tradition”

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Chain of Command

FUNDING & TRAINING GUIDANCE
WARTIME COMMAND

“Constitutionally Unique”

PEACETIME COMMAND

President

Governors

Adjutant General

SEC Defense

SEC Army

Chief of Staff

Chief of Staff

Chief, NGB

SEC Air Force

Director, ARNG

Director, ANG

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KSNG Personnel

Maj Gen (KS) Lee Tafanelli
The Adjutant General of Kansas

Brig Gen Brad Link
Assistant Adjutant General / Air

Col Ron Krueger
190th ARW Commander

Col Jay Selanders
190th ARW Vice Commander

CMSgt Brian Saunders
190th ARW Command Chief Master Sgt.

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KC-135 ~ Multiple Missions + Air Refueling!

• Deployment Support
• Air Bridge
• Global Reach
• Theater Support

Air Refueling – just one piece!

• Aeromedical Evac
• Homeland Defense Support
• Strategic Mission Support
• Humanitarian Support

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Aeromedical Evacuation Improvements

- Collaborative effort for AE/CCATT improvements between 190 ARW, HQ AMC/SG, AFMC, AMC A3V and A4

- KC-135 will force multiply the C-17 for Strategic AE while saving a large amount of fuel and time.

- KC-135 permits smaller hospital manning footprint

- 190th EMI and Function tested first AE power modification in June 2008 and flew into Bagram July 2008

- KC-135 is faster and uses far less fuel than any other large AMC transport or the KC-10

First unit to test/employ KC-135R power modification & LED lighting system enabling superior patient care and expanding CCAT capability on the KC-135.

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The Guardian POD is being evaluated with the 190th ARW’s KC-135

Completed:
- First flight on 19 January
- 190th maintainers have successfully accomplished the aircraft modification at Forbes
- 190th ARW Aircrew performed Operational Test at Eglin in February
- Flight test portion of OUE completed
- Operational Mission to CENTCOM on 12 March
-Forbes Field is considered a test center for AFRL for the AAR program. Host to TIPWG for AFFTC, AFRL, Tinker, NAVAIR and Industry

-Phase I and Phase II complete. Testing greater success than AFRL envisioned.

-Phase III STIR testing next – GPS position solution will mix with LIDAR for Autonomous Formation Vision. Receiver hands off wet hook up w/ Vista F-16

-Technology shared between NAVAIR and AFRL
  Ability to modify CAF and MAF with Auto Station Keeping and Air Refueling

-NAVAIR also using data to research manned and unmanned auto carrier landing

Key support in the development of an AF precision measurement system for automated air refueling of unmanned aerial vehicles & new generation bombers~ 19 missions flown + 15 more planned

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190th ARW Master Plan
Recent Upgrades

Runway/Taxiway: 30 year upgrade completed
$6.5 Million Project
Extends life of the 12,802 X 200’ runway

Aircraft Parking Ramp: 50 year upgrade complete
$9.5 Million Project
Enables Forbes to accommodate 20+ airframes

Hangar 662
$15 Million Project
57% of the unit workforce (500+)
3.2 Acres / 3 stories high

Wing HQ (Operations & Training Facility)
$10 Million Project
Consolidated all Wing and Support functions

Squadron Operations Facility
$7.5 Million Project
Construction currently underway

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Plan Drivers & Objectives

• Current refueling mission
• EMEDs mission authorization
• Long-Term Mission Flexibility and Efficiency
• Reduce Energy costs
  ▪ Look for opportunities for green power initiatives on base
  ▪ Sustainable campus design initiatives
• Correct current problems
  ▪ Drainage
  ▪ AT/FP requirements
• Reduce square footage at base to less than 5% over authorized
  ▪ Currently baseline 35,355 SF excess or 9% over
Community Involvement

- Base wide land planning
- Engaged Kansas State University Landscape Architecture students in design project
- Top 5 Landscape Architecture Schools

- South Topeka Corridor Study
- Kansas State University – Urban Planning
- City of Topeka, Shawnee County
Sustainability – Meeting Missions w/Vision

DESIGN GUIDELINES
- Adopt Hub and Spoke Concept
  - Facility & Systems designed to incorporate Fulltime/Traditional Manning
  - Parking facilities – minimize pavement for Fulltime – use “Green” solutions for monthly events
- Renewable Technologies
  - Maximize use of ground source systems – per Energy Audit
  - Maximize use of daylighting for electrical reductions
  - Demonstrate sustainable features – green roofs, solar, and stormwater mgmt

FLEXIBLE DESIGN
- Meet current missions with focus towards future
- Create highly adaptable space for variety of mission sets

IMMEDIATE MEASURES
- FY10
  - Establish set points and system on/off cycles
    - Result – Electrical Use/$ Savings  23% use/18% cost
    - Result – Gas Use/$ Savings  49% use/40% cost

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Deployment Highlights: Haiti

Operation Unified Response
Haiti – First ANG CE on the ground

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Deployments / Events

- Record breaking year for flying hours ... over 6,100 flying hours
  - Over half of the wing’s flying hours were accomplished in a deployed location
  - 190th flew nearly 700 sorties and 4,700 hours in and around CENTCOM, EUCOM and PACOM
- Security Forces Sq deployed to Afghanistan
- Aeromed Evac Missions – CONUS & OCONUS
- Civil Engineering personnel deployed to Iraq / Afghanistan
- Logistics Readiness Squadron personnel deployed to Iraq / Afghanistan
- Winner of 2010 ANG Outstanding Flying Wing ~ Overall Outstanding Flying Wing

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Guard Cost Savings

Bang for the Buck

54 States & Territories
89 Flying Wings
579 Support Units
107,000 Personnel (20% of Total Force End-Strength)
1,180 Aircraft

34% of USAF Mission for Only 7% of USAF Budget

Capabilities-Based Analyses

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Thank You!