

Warner Robins Air Logistics Center



78 ABW Requirements Overview

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78 ABW/CC**



78th Air Base Wing Briefing Overview



Warner Robins Air Logistics Center

- **78th Air Base Wing Mission/Priorities**
- **Featured Requirements/Needs**
 - **Energy Mandates**
 - **Realistic Battlefield Airman Training**
 - **Predictive versus Condition-Based Maintenance in Infrastructure**



78 ABW Priorities



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ABW Core Competencies

Protect the Base
and its
Resources/Assets

Maintain/Run a World-
Class Infrastructure &
Airfield

Provide Robust
Community Support

Excel in Emergency
Response and
Management

Deploy Mission-Ready
Airmen and Care for the
Families

FOCUS AREAS

- Energy Conservation & Renewable Energy
- Core Compliance
- New Mission Beddown

People First...Mission Always



Air Force Infrastructure Energy Strategy



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GOALS

- Reduce Cost by 20% by 2020
- Reduce Energy Intensity by 3% per Annum
- Reduce Water Use by 2% per Annum
- Increase Renewables at Annual Targets (3%, 5%, 7.5%, 25%)
- Reduce Ground Fuel use by 2% Per Annum
- Increase Alternative Fuel Use by 10% Per Annum

Governance

Improve Current Infrastructure

- * Envelope
- * HVAC / controls
- * Plumbing
- * Water systems
- * Central plants
- * Interior lighting
- * Distribution
- * Recommissioning
- * Rightsize fleet
- * Low speed vehicles

Improve Future Infrastructure

- * Plan / program
- * Sustainable designs
- * Construct high-performance buildings
- * Commissioning
- * Increase use of alternative-fuel, hybrid technology vehicles

Expand Renewables

- * Develop
 - solar
 - wind
 - geothermal
 - biomass
- * Purchase renewable energy credits
- * Explore hydrogen technology

Manage Costs

- * Plan
- * Negotiate / litigate
- * Educate
- * Operate and maintain

Plan Program Budget

- * 5 Year Project Plan
- * Effective Resourcing
- * Balanced Investment

Decision Mgt

- * Effective Data
- * Performance Measurement

Awareness

- * Strategic Communication
- * Awards / Incentives
- * Education & Training

Asset Management

Optimize assets >>> performance, risk, and cost >>> enterprise-wide

Culture Change

See the waste >>> Acknowledge the waste >>> Eliminate the waste

People First...Mission Always



Battlefield Airman Training



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➤ **Reinventing program to continuously test war skills**

➤ **Capitalize on more realistic training...**

- **Self Aid Buddy Care (SABC)**

- More realistic emergency training
- Better moulage, triage, and treatment training



- **Combat Arms Training and Maintenance (CATM)**

- Need to address moving target/moving shooter
- Benefit from use of simulator or other technology





Predictive Maintenance on Facilities/Infrastructure



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- **Maintenance Technologies Currently Used**
 - **Infrared Thermography/Thermal Imaging**
 - **Ultrasound Detection**
 - **Vibration Analysis**
 - **Motor Analysis**

- **Future State...More Predictive**
 - **Non-destructive facility/infrastructure surveys**
 - **Investment w/self-diagnostic systems**



Summary



Warner Robins Air Logistics Center

- **Technology must be part of our solution set**
 - **Energy Conservation**
 - **Battlefield Skills**
 - **Facility/Infrastructure Maintenance**

