Air Force Civil Engineer Center

Air Force Wildland Fire Program

AFCEC/CZOF
26 Feb 19
Background

• Wildfires pose a high risk to the AF military mission

• PAD 12-03 para 4.4.2 established the Air Force Wildland Fire Center (AFWFC) under the AFCEC/CZ:
  – “…to supplement wildfire response, provide training, maintain certification, conduct program review, and provide technical assistance to all Air Force installations.”

• Prescribed fire and mechanical fuel reduction are primary mitigation actions to protect assets
Federal Governance
Sikes Act

• Requires the DoD to ensure military preparedness in cooperation with the conservation and rehabilitation of natural resources

• Requires an integrated natural resources management plan (INRMP)
  – Fish and wildlife management, land management, forest management, and fish and wildlife-oriented recreation
  – Fish and wildlife habitat enhancement or modifications
  – Establishment of specific natural resource management objectives and time frames for proposed action

• Primary objective of the AF’s natural resources program
  – Ensure continued access to land and airspace required for mission readiness
  – Maintain natural resources in a healthy condition
AF Wildland Execution Strategy

- AFWFB acts as AF authority on wildland fire
  - **Sikes Act Requirements and Ecosystem Mgmt**
    - Executed by WSMs; NWCG trained FES and NR personnel can assist on a voluntary basis
  - **Wildfire Suppression Response**
    - Executed jointly by NWCG trained FES personnel, Mutual Aid Partners, and WSMs
    - Installation Fire Chief/WSM serves as IC unless delegation is required
  - Maintains training records and oversees certification
  - Conducts program review; develops WFMPs
  - Provides technical assistance to all AF installations.
Partners
Organizational Structure

- **AFCEC/CZOF (AFWFB) Headquarters – JBSA, TX**
  - Program oversight, guidance development, program review, planning and reporting, budget allocation and interagency agreements.

- **3 regional offices: East, Midwest, and West**
  - AF Regional Fire Management Officer (RFMO)
  - IA Assistant Fire Management Officer (AFMO)

- **14 Wildland Support Modules (WSMs)**
  - WSM Lead and Assistant Lead
  - Additional staff as required
Wildland Support Modules

• A WSM is a team of qualified and equipped personnel to conduct prescribed fire, mechanical fuel reduction activities, and wildfire suppression response for the purposes of ecosystem management and mitigation of wildfires as a threat to the ecosystem, mission activities, and military readiness.

• A WSM consists of:
  – 6-12 NWCG qualified wildland firefighters
  – Firefighting engines, UTVs, heavy equipment, hand tools, etc
  – Admin space and vehicle and equipment storage

• Each of the WSMs have been assigned installations within their area of responsibility (AOR)

• WSM Workload
  – Primary requirements identified in INRMPWFMPs
  – Additional projects identified by NR Staff and FES
Map of WSMs
# Operations - Staffing

## Current Staffing (FTEs)

<table>
<thead>
<tr>
<th></th>
<th>AF</th>
<th>FWS</th>
<th>BLM</th>
<th>CSU</th>
<th>UMT</th>
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<td>HQ</td>
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<td>2</td>
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<td>5</td>
<td>0</td>
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<td>East</td>
<td>7</td>
<td>11</td>
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<td>14</td>
<td>0</td>
<td>32</td>
</tr>
<tr>
<td>Midwest</td>
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<td>5</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>West</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>11</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>Total</td>
<td>13 (19%)</td>
<td>18 (27%)</td>
<td>2 (3%)</td>
<td>30 (45%)</td>
<td>4 (6%)</td>
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*As of January 2019
# FY16 – FY21 Facility Projects

<table>
<thead>
<tr>
<th>FY</th>
<th>TITLE</th>
<th>PA ($)</th>
<th>AGENT</th>
<th>Est BOD</th>
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<tbody>
<tr>
<td>16</td>
<td>SHAW – Construct Wildland Fire Center, Construct Vehicle Storage</td>
<td>$1.3M</td>
<td>Local Cons</td>
<td>Complete</td>
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<tr>
<td>17</td>
<td>ELLSWORTH – Convert B8108 for Wildland Fire Fighting</td>
<td>$418K</td>
<td>Local Cons</td>
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<tr>
<td>17</td>
<td>BARKSDALE – Beddown AF Wildland Fire Center, B7274</td>
<td>$1.2M</td>
<td>USACE</td>
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<tr>
<td>17</td>
<td>CAMP BULLIS – Add/Alt B6274, AF Wildland Fire Center</td>
<td>$1.3M</td>
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<tr>
<td>17</td>
<td>CHEYENNE MTN – Construct Vehicle Storage, Renovate B307 (Complete)</td>
<td>$1.2M</td>
<td>Local Cons</td>
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<tr>
<td>17</td>
<td>JMDL – Construct JBMDL Wildland Fire Facility</td>
<td>$873K</td>
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<td>17</td>
<td>AVON PARK – Add/Alt Bldg 24 for CEI-Ecosystem Support Team</td>
<td>$1.4M</td>
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<tr>
<td>18</td>
<td>JBER – Construct AF Wildland Center</td>
<td>$874K</td>
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<tr>
<td>17</td>
<td>VANDENBERG – Wildland Fire Team Training Center Renovation</td>
<td>$2.2M</td>
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<tr>
<td>18</td>
<td>KIRTLAND – Add/Alt B621 Wildland Support Module</td>
<td>$893K</td>
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<td>19</td>
<td>BEALE – Renovate Fire Station 1</td>
<td>$500K</td>
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<tr>
<td>19</td>
<td>EGLIN – Multiple Projects, Storm Water, B1522 Ext, Roof Ext 1547</td>
<td>$650K</td>
<td>Local Cons</td>
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<tr>
<td>19/20</td>
<td>MOUNTAIN HOME – Construct New Wildland Fire Facility</td>
<td>$856K</td>
<td>USACE</td>
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<td>20/21</td>
<td>CREECH/NELLIS – Renovate existing facility or build new on NTTR</td>
<td>$900K</td>
<td>Local Cons</td>
<td>TBD</td>
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<tr>
<td>20/21</td>
<td>EGLIN – Multiple Projects, High Bay Storage, Pavement, Office Reno, Demo Barn</td>
<td>$900K</td>
<td>Local Cons / USACE</td>
<td>TBD</td>
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<td>20/21</td>
<td>JB Charleston – Construct Natural Resource / Wildland Fire Facilities</td>
<td>$2.6M</td>
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<td>21</td>
<td>TYNDALL – Construct Wildland Fire Facility</td>
<td>$1.8M</td>
<td>Local Cons</td>
<td>TBD</td>
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</table>

- **Construction Complete**
- **Contract Awarded**
- **Submitted to FY19 IPL**
- **RFP Issued, Awaiting Proposals**
- **Programing Projects**

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[Image of Air Force Insignia on the top left and bottom right corners]
Planning/Risk Mitigation

• Installations classified into Tier system
  – 3 Tiers based on wildfire risk and RX workload
  – Tier 1: High wildfire risk with ecosystem impacts
  – Tier 2: Primarily operational wildfire mitigation
  – Tier 3: Low wildfire risk and no prescribed fire action

• Wildland Fire Management Plans (WFMPs)
  – Installation level CONOPS
  – Key Components
    • Burns/Treatments
    • Roles & Responsibilities
The Fire Data Support System (FireDSS) is the database and web-based application of record designed to collect and report information on prescribed fires, wildfires, and mechanical/chemical treatments on Air Force managed lands.
Training & Qualifications

- National Wildfire Coordinating Group (NWCG) standards

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
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<tbody>
<tr>
<td>AF Assets with NWCG Quals</td>
<td>430</td>
<td>510</td>
<td>883</td>
<td>1109</td>
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</table>

- IQCS Data Migration
  - Interoperability with Interagency Partners (federal/state)
  - Database of record for AF personnel
  - QA/QC process for certifying and red card issuance

- Joint Training Academies
  - Joint funded between Air Force and Army
Challenges

• Installation program vs Enterprise program
• Funding
• Manpower
  – AF
  – Cooperators
• Vehicles and Equipment