4 CES MISSION BRIEF
FOR
SAME LUNCHEON

8 NOV 18

Engineers Lead the Way!
4th Fighter Wing

- Mission

Train, Produce, and Project Airpower for America

- Distinctive Capabilities
  - FTU Production
  - Deployable Airpower
  - Agile Combat Support
4th Civil Engineer Squadron

- Mission

  Prepare Ready Engineers and Provide World Class Facilities and Emergency Services Support for SJAFB

- Lines of Effort
  - Ready Engineers
  - Facilities Support
  - Emergency Services
The 4 CES AOR

94 F-15Es

KC-46A (2019)

16 KC-135Rs

12,500 Personnel

- Active Duty: 42%
- Guard/Reserve: 40%
- Civilians: 8%
- Dependents: 10%

$3.7B
Deployable Mission

- **OPS TEMPO**
  - 1:2 dwell, ~179-day deployments

- **Current Vulnerability Windows**
  - Period 3: Apr – Oct ‘18 (63 deployed)
  - Period 6: Jan – Jun ‘19 (50+ tasked)
  - Period 3: Oct ‘19 – Apr ‘20
4th Civil Engineer Squadron

Engineers Lead the Way!
HURRICANE FLORENCE
Preparation, Response, & Recovery

Major Brandon Balskus
Operations Flight Commander
4th Civil Engineer Squadron

Engineers Lead the Way!
Notification
Cat 4 Inbound, Direct Hit Anticipated
Flooding Planning for the Neuse River Rise
Wind
Power, Safety, Structural
Recovery
Resumed Operations < 72 hours later
4th Civil Engineer Squadron

Engineers Lead the Way!
SJAFB CONSTRUCTION UPDATE / FUTURE PROGRAM PROJECTIONS

Mr. Brian Joyner, P.E.
Engineering Flight Chief
4th Civil Engineer Squadron

Engineers Lead the Way!
Infrastructure Funding History

- SRMC and other program construction dollars and contracts awarded, including traditional MILCON. FY18 awards included 47 projects at $37.9M.
Airfield Repair

Taxiway, Apron, & Shoulder Repairs, $15,000K
Repair Airfield Lighting $6.7M,
Repair Sequence Flasher Control Cable, $250K
Repair 08 Approach Lights, $2.2M
Repair Airfield Surfaces, $3.4M

Electrical to Aircraft Shelters, $1.8M

Repair Ramp Pavement, $2.3M
Repair Fuel System Leak, $2.025M

Maintain Airfield Markings And Rubber Removal, $395K

Unfunded
Funded/Construction
Selective Slab Repairs
Asphalt Paving/Shoulder Repairs
Airfield Construction Program

6-yr Total Investment $165M

- TAXIWAY/APRON/SHOULDERs (in progress)
- TAXIWAYS / WARM-UP APRONS (complete)
- APRON REPAIR (complete)
- TANKER RAMP REPAIR (complete)
- RAMP EXPANSION (complete)
- DLA HYDRANT FUEL SYSTEM (complete)
- RUNWAY REPAIR (in progress)
- AIRFIELD LIGHTING (in progress)
- KC-46 CONSTRUCTION (in progress)
Fighter Campus

- Fuel Offload/Issue MILCON Potential FY19 Award
- Construct Hangar Doors/Repair NDI Shop, $1,380K
- Repair Fire Safety Deficiencies Acft Hangars Bldgs, $2,675K
- Storm Damage Repairs, $3,699K
- Repair AMU Restrooms, Bldg 4538, $60K
- MILCON Tower/Base Ops, Potential FY19 Award
- Repair Pass Terminal, $160K
- Repair Bldg 4418 (JWICS), $150K
- Repair Bldg 4400, $1,275K
- Repair Bldg 4402, $475K
- Const JWICS Addition 4421, $900K
- Repair Bldg 4423 334FS, $430K
- Repair Bldg 4430 (JWICS), $150K
- Repair Bldg 4517, $115K
- Repair Deployment Readiness Center, Bldg 4741 Potential FY19 Const

Unfunded
Funded/Construction
Tanker Campus

- Repair 916th ARW HQ, Potential FY20
- Repair Overhead & Underground Elec Lines, $6,698K
- Repair Ramp Pavement, $2.3M
- Repair Fuel System Leak, $1,507K
- Storm Damage Repairs SFS/OSI $335K
- Repair Bldg 4901 for 916 OG, $6,138K

Unfunded
Funded/Construction
KC-46A Beddown Facility Requirements

- Alternate Mission Equipment Storage, $6,400K
- Temp Offices, $671K
- Fuselage Training/AGE Shop, $5.7M
- Alter Simulator, $1,250K
- Addition to AFE, $1M
- Alter Maintenance Facility, $4.5M
- Two Bay Corrosion Control/Fuel Cell Hangar, $56.5M
<table>
<thead>
<tr>
<th>FY</th>
<th>Proj No</th>
<th>Proj Title</th>
<th>PA ($M)</th>
<th>Pgm</th>
<th>Estimated ToT Date</th>
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# FY20-23 FSRM Program

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4th Civil Engineer Squadron

Engineers Lead the Way!