



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Ohio National Guard Springfield, Ohio

**MG Greg Wayt  
The Adjutant General**

**MG A.J. Feucht  
The Assistant Adjutant General for Air**

**Col Richard Lohnes  
Commander 178<sup>th</sup> Fighter Wing**

- RH7 - State Input (Ohio)  
Hearing - June 27, 2005 - Buffalo, NY  
**COMMISSION - FY 2005 DCN:5587**  
DISPOSITION: Permanent



## BRAC Analyst Visit

# Overview

The Ohio Air National Guard  
Analysis Process and Areas of Emphasis

Recruiting

Col. Richard Lohnes  
Commander, 178<sup>th</sup> Fighter Wing









## BRAC Analyst Visit

# Air Force BRAC Criteria Development

### One Air Force Criteria Fits All Components

- Template is the same for Active, Guard, and Reserve
- Army, Navy, and Marines Developed Separate Templates for Each Component

### No Adjutant General Input in the Development of the Air Force Criteria

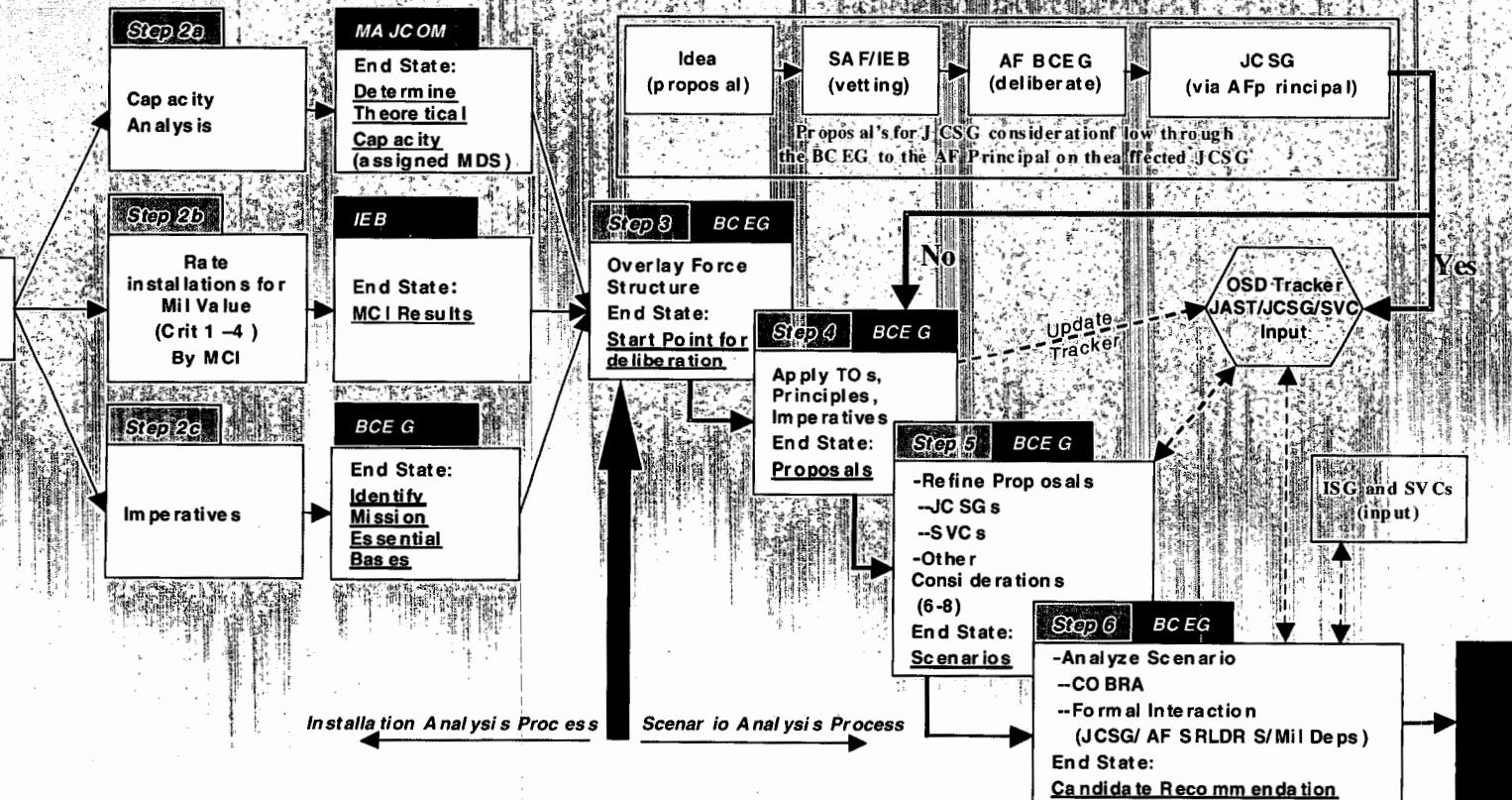
- The Adjutants General Participated in Army National Guard Criteria Development

With More Effective Communication we would not be here today

# BRAC Analyst Visit



## Air Force Analysis Process



Source: Dept. of Air Force Analysis & Recommendations, BRAC 2005  
(Volume V, Part 1 of 2, Page 53)



## BRAC Analyst Visit

# Springfield Capacity Analysis

	As of 30 Sep 2005	30 Sep 2011
Assigned Weapon System Type(s) (MDS)	F-16	F-16
Total PAA	18	18
# Flying Squadrons	1	1
Total Available Aircraft Parking spaces	*24	*24
Unused Aircraft Parking Spaces	6	6
Template used		F-16
Standard PAA per squadron		24

RAC Error – More Spaces are Available

## BRAC Analyst Visit



# Springfield Estimated Capacity After 2011

Weapon System Type (MDS)	JSF
Maximum Capacity	48



## BRAC Analyst Visit

### Estimated Cost to Robust

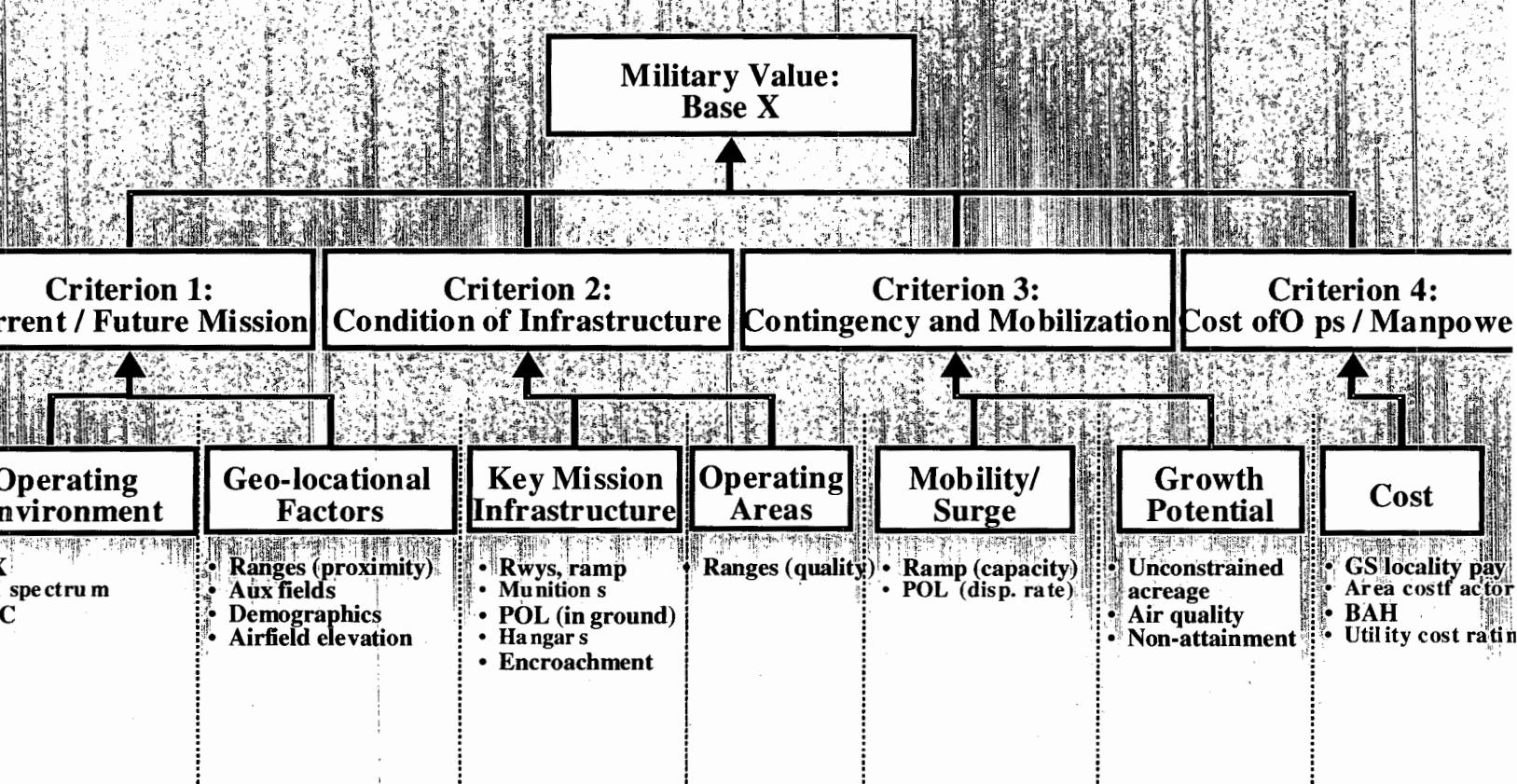
Template Used	F-16
<b>Add One Squadron</b>	
Precluding Factor	None
Major Construction	40.1
Minor Construction	0.9
Natural Infrastructure	0.2
Other procurement	0.0
Planning & Design	4.1
<b>Subtotal</b>	<b>*45.3</b>
<b>Add Second Squadron</b>	
Precluding Factor	*Land
Major Construction	0.0
Minor Construction	0.0
Natural Infrastructure	0.0
Other procurement	0.0
Planning & Design	0.0
<b>Subtotal</b>	<b>0.0</b>
<b>Total Cost for Two Squadrons</b>	<b>N/A</b>

Questionable Conclusion – Based on Air Force Criteria and the Factors at Restricted No to Low Cost Land Acquisition



## BRAC Analyst Visit

# Air Force Military Value – Analytical Hierarchy



Source: Dept. of Air Force Analysis & Recommendations, BRAC 2005  
(Volume V, Part 1 of 2, Page 47)

## BRAC Analyst Visit

Springfield MCI Value – 128 / 154

Ranking	National Guard	Active Component	Air Force Reserves
Top 50	4	45	1
51-100	32	13	5
101-154	34	*14	6
Total	70	72	12

14 are All Non-Flying Bases



## BRAC Analyst Visit

# Springfield MCI Value – 128 / 154

Rank	Fighter	Current / Future Mission	Condition of Infrastructure	Contingency, Mobilization, Future Forces	Cost of Ops / Manpower
128	25.37	35.33	35.31	26.8	71.74



## BRAC Analyst Visit

# # 1 DoD BRAC Principle – Recruit & Train

DoD must **Attract**, Develop and **Retain** . . . **Reserve**, Civilian, and Contracto Personnel who are **Highly Skilled** and educated . . . to ensure current and future **Readiness** . . . and to **Respond** to Anticipated developments . . . DAF Analysis and Recommendations (pg. 46) stresses the importance of AR Recruiting and Retention Demographics.

However:

- The BCEG notes, records, and analysis process do **NOT** mention this concept.
- “Rather than focus on **Fungible Attributes** like **Assigned Personnel** or Re-locatable Equipment and Forces, the **military value Assessment stressed Installation Characteristics.**” General John P. Jumper, CSAF (Air Force Summar of Selection Process, Section 3, page 2)
- “**The skills in those Guard units**, which are world class—but we can Recreate them. **We can Recreate those. And it just takes some time.**” (Michael Dominguez, Acting Secretary, USAF)

**Trained, experienced, and loyal Airmen are our MOST valuable resource**

## BRAC Analyst Visit

### Criterion 7 - Attributes

Department identified 10 community attributes:

Demographics  
Child Care  
Cost Of Living  
Education  
Employment

- Housing
- Medical Providers
- Safety / Crime
- Transportation
- Utilities

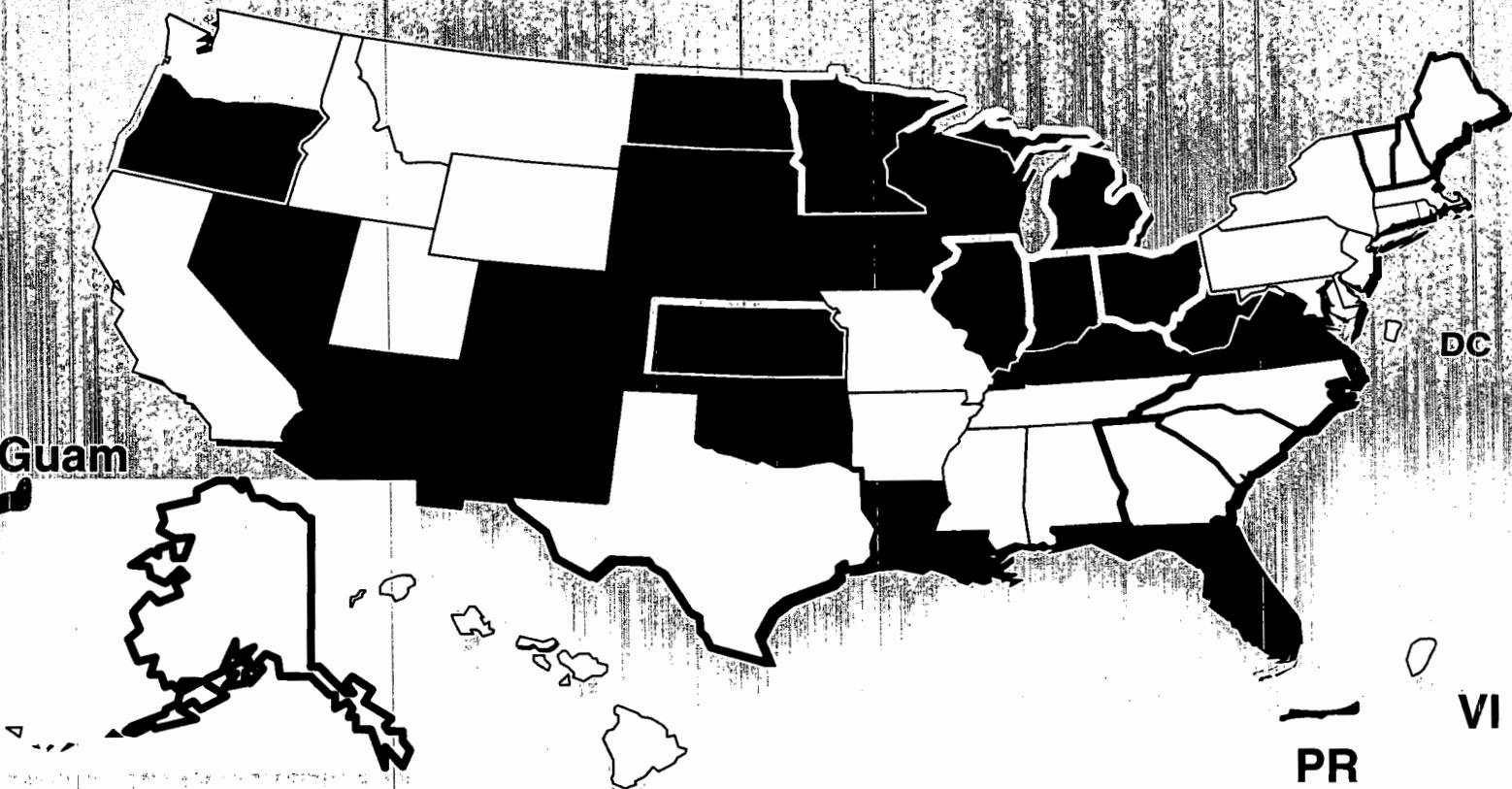
Demographics Analysis is Applicable to the Air National Guard



## BRAC Analyst Visit

### ANG Demographics

Military Value = Effective Recruiting and Retention



een: => 96.7%

th Yellow Border = Losing Strength

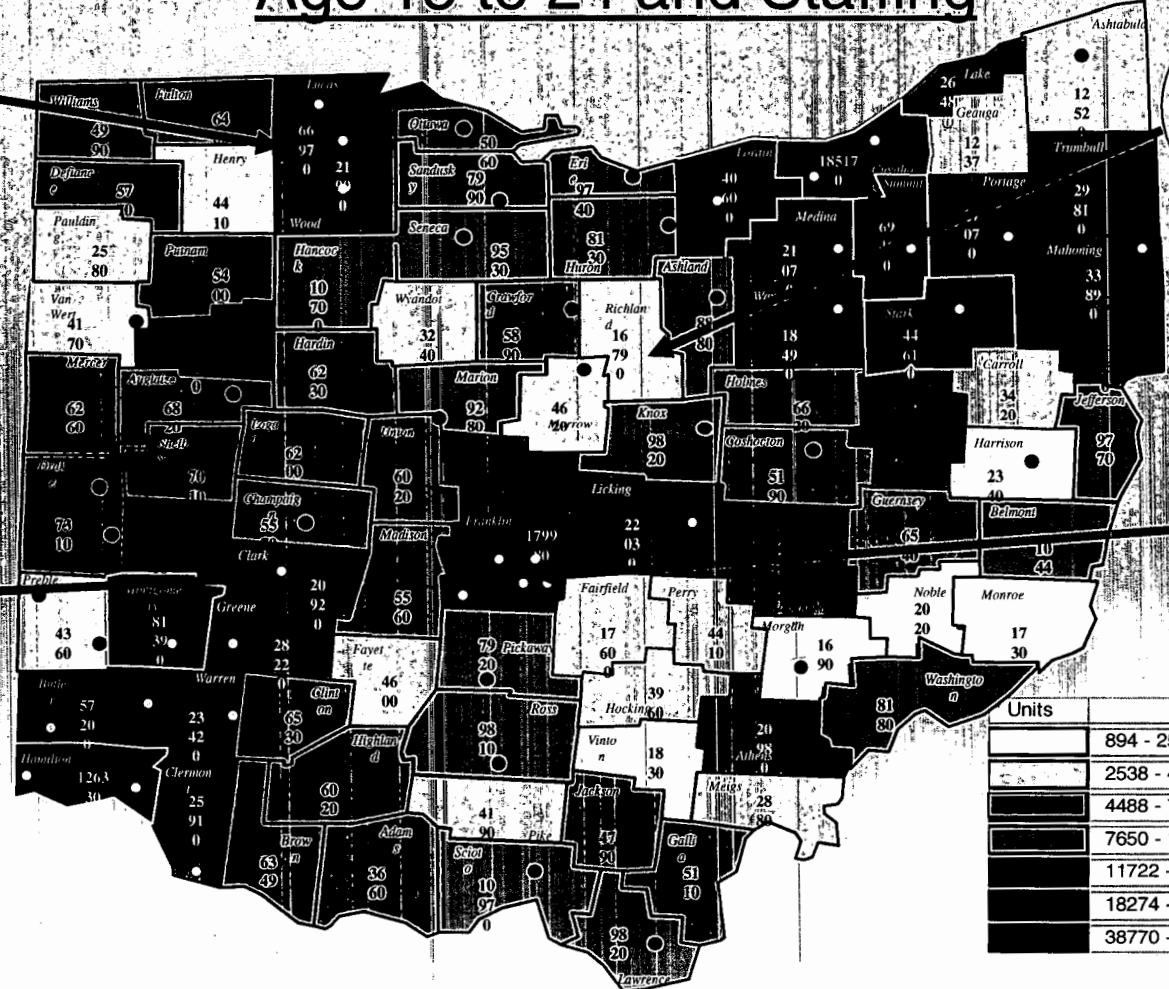
30 White: <= 96.6%

7 With Red Border = Gaining Strength

# BRAC Analyst Visit



## Demographics Age 15 to 24 and Staffing



is Demographically Aligned – ANG Members Join the Wing / Base



## BRAC Analyst Visit

### Summary

C's Purpose is Cost effectiveness and saving Tax Payers Money

Air Force BRAC Criteria is Partial to Active Duty Bases and Does Not Consider the ANG Business Case

ANG is Penalized for Being Cost Effective, Right Sized, and Efficient under Air Force BRAC Criteria

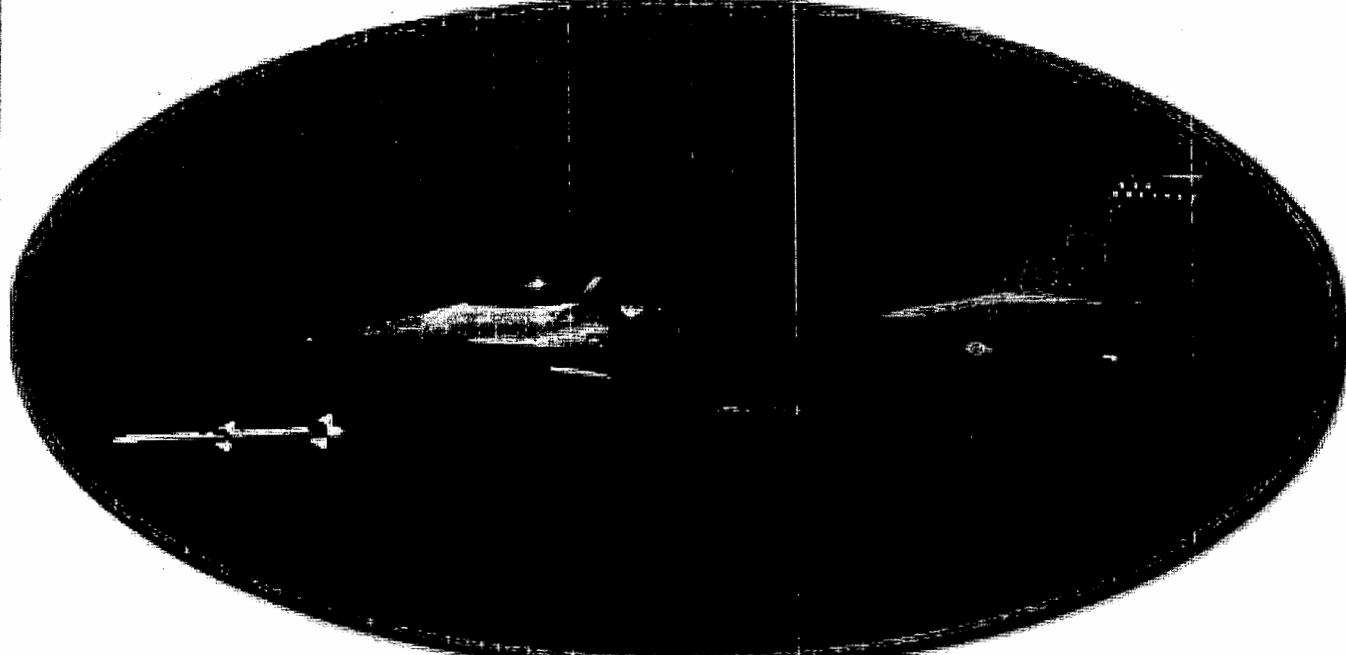
Analysis with Accurate and Appropriate Measurement will Change Air Force BRAC Recommendations

BRAC Number One Principle of Effective Recruiting and Training Does Not Consider The ANG Trained Human Capital Loss



## BRAC Analyst Visit

Welcome to the  
178th Fighter Wing



Springfield-Beckley MAP, OH



## BRAC Analyst Visit



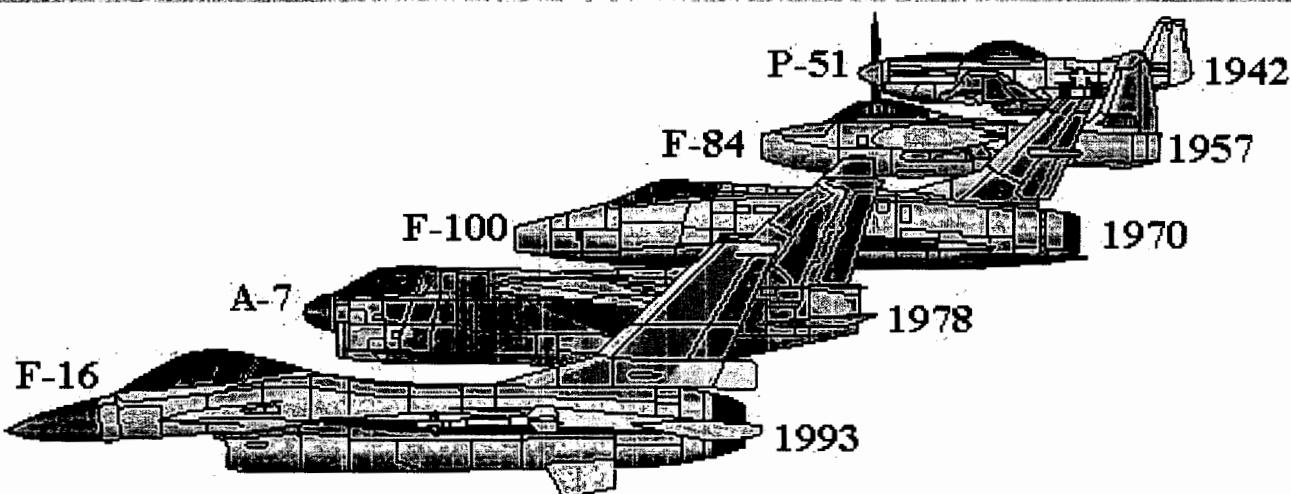
# 178<sup>th</sup> Fighter Wing Overview

- Snapshot of 178FW
- Capacity Investments
  - Springfield-Beckley MAP
  - Preclude future expense at “Base X”
- Military Value Data
- COBRA Data Inaccuracies
- True Economic Impact
- Conclusion

# BRAC Analyst Visit



## 178<sup>th</sup> Fighter Wing History



## BRAC Analyst Visit



### 178<sup>th</sup> Fighter Wing Statistics

- AETC - Gained FTU (Formal Training Unit)
- Twenty (20) Block 30 (BI) F-16s (18 PAA)
  - 11 C Models
  - 9 D Models
  - Fully combat capable/ready
- 1019 Personnel
  - 373 (Full-time, Federal)
  - 396 UTC tasked



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Air National Guard Leader

- 109.08% Manned!!
  - #1 in Ohio
  - #2 in all ANG
- #1 - American students since 1998
- #2 – Fighter sorties flown since 2002
- 1<sup>st</sup> Ohio ANG F-16s to a combat zone (1996)
- 1 of 3 multiple simulator complexes in nation
- We produce new combat ready F-16 pilots in 16 training days less than USAF



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Mission Train F-16 Pilots for USAF, ANG, & AFRC

- 252 Total American students since 1998 (Highest in ANG)
- 98% Graduation rate & 97% on-time
- 23 Specialized courses within five (5) syllabi

\* We are an FTU!!

\* We were evaluated as a General Purpose Unit



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing USAF BRAC Data Discussion

- Inaccurate / Incomplete
- Restricted Answers
- Denied Data Inclusion
- 178FW not evaluated as an FTU

*Top Management Summary Report*

“...no consistency in capacity analysis...”

BRAC Red Team



# BRAC Analyst Visit

## Published BRAC Data

### *Springfield-Beckley AGS (OH)*

#### Outgoing

Springfield-Beckley AGS (178th Fighter Wing) (ANG) will distribute its 18 F-16 Block 30 aircraft to:

- 9 PAA to the 132d Fighter Wing (ANG), Des Moines AGS, IA
- 3 PAA to the 140th Wing (ANG) Buckley AFB, CO
- 6 PAA to the 149th Fighter Wing (ANG) Lackland AFB, TX

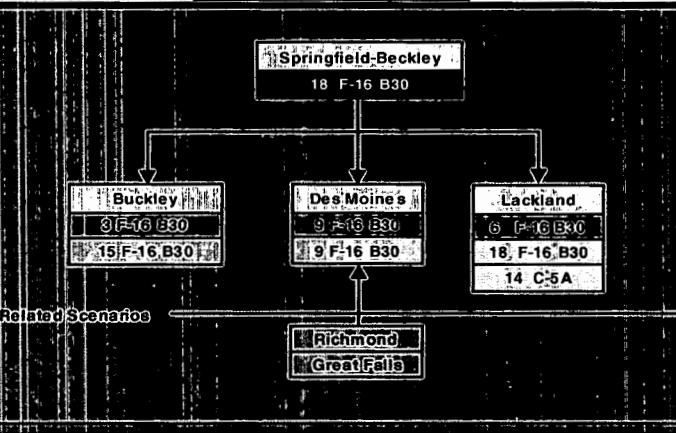
The wing's ECS elements, 251st Combat Communications Group (ANG), and 269th Combat Communications Squadron (ANG) will remain in place.

#### Manpower

	Full Time	Drill
Impact thru 11/11/11	-274	-342

Includes BRAC and Non-BRAC programmatic changes

#### Spider Diagram



#### Candidate Recommendation (CR) (Cost) / Savings

##### Initiating CR – Realign Springfield-Beckley

One Time (Cost): (\$11M)

2011 Cost) / Savings: (\$8M)

Annual Recurring (Cost) / Savings: \$0.9M

Payback Period: 17 yrs /

2027 NPV (Cost) / Savings: \$0.7M

#### JCSG / JAST Actions

##### **■ USA-0248: Close/Consolidate Reserve Ctrs in Ohio**

- +16 personnel/\$7.73M MILCON



## BRAC Analyst Visit

# Published BRAC Data

## *Springfield, OH Overview*

	AS of	30 Sep 2005	30 Sep 2011
Assigned Weapon System Type(s) (MDS)		F-16	F-16
Total PAA		18	18
# Flying Squadrons		1	1
Total Available Aircraft Parking spaces		24	24
Unused Aircraft Parking Spaces		6	6
Template used		F-16	
Standard PAA per squadron		24	

# BRAC Analyst Visit



## Published BRAC Data

*Springfield, OH  
Estimated Costs to Robust*

Template used	F-16
<b>Robust to Typical Squadron</b>	
<b>Precluding Factor</b>	<b>None</b>
<b>Major Construction</b>	<b>0.0</b>
<b>Minor Construction</b>	<b>0.0</b>
<b>Natural Infrastructure</b>	<b>0.0</b>
<b>Other Procurement</b>	<b>0.0</b>
<b>Planning &amp; Design</b>	<b>0.0</b>
<b>Total Cost to Robust</b>	<b>0.0</b>



## BRAC Analyst Visit

### Published BRAC Data

*Springfield, OH  
Estimated Capacity after 2011*

<b>Weapon System Type (MDS)</b>	JSF
<b>Maximum Capacity</b>	48



## BRAC Analyst Visit

# Published BRAC Data

Springfield, OH

## Estimated Costs to Add Squadrons

Template used		F-16
Add One Squadron		
Precluding Factor		None
Major Construction		40.1
Minor Construction		0.9
Natural Infrastructure		0.2
Other Procurement		0.0
Planning & Design		4.1
Subtotal		45.3
Add Second Squadron		
Precluding Factor		Land
Major Construction		0.0
Minor Construction		0.0
Natural Infrastructure		0.0
Other Procurement		0.0
Planning & Design		0.0
Subtotal		0.0
Total Cost to Robust		N/A

# BRAC Analyst Visit



## Capacity in 2010

### Required Investments

2 Squadron  
Operations

Hush House/  
Arm/DeArm

2 Arresting  
Gear

Aircraft  
Parking

Base  
Supply

Control  
Tower

NDI  
Building

?

?

?

?

?

?

?

\$ ???

### Additional Investments

Hangar

Airfield  
Lighting

Corrosion  
Facility

Fire  
House

Civil  
Engineering

Medical  
Facility

Main  
Gate

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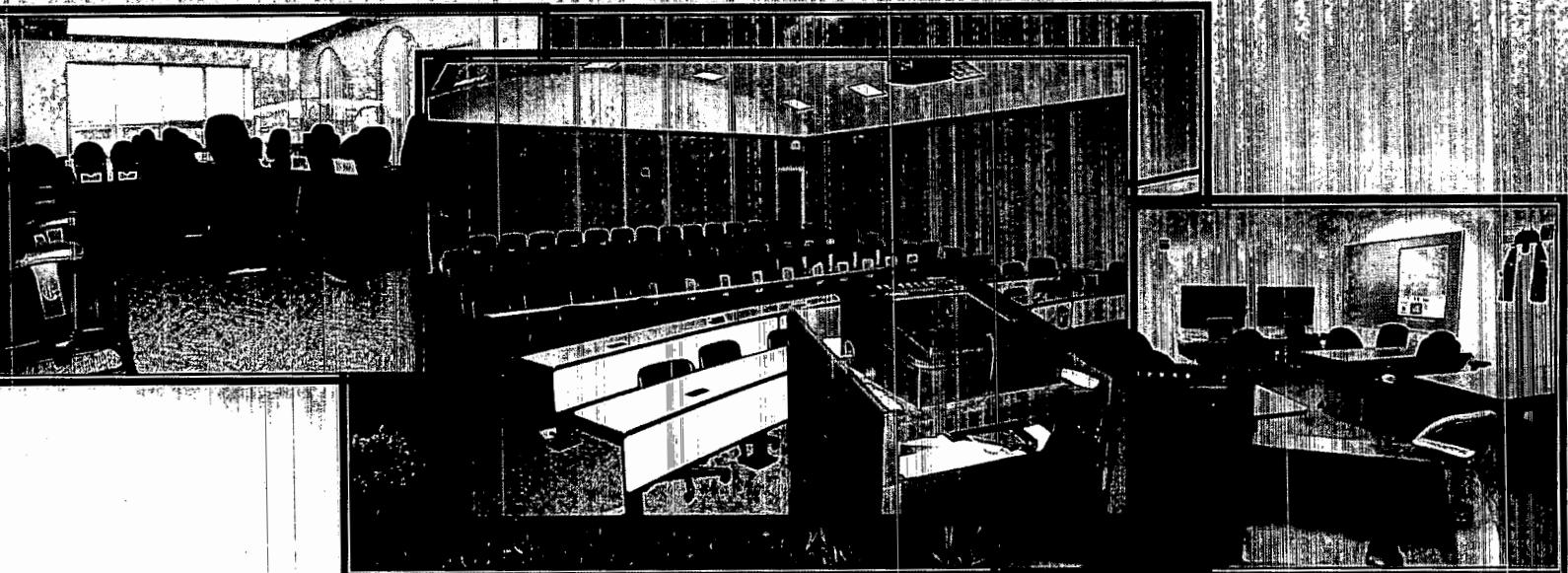
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**BRAC Analyst Visit**

**178<sup>th</sup> Fighter Wing  
Capacity Investment**

**Squadron Operations Building**

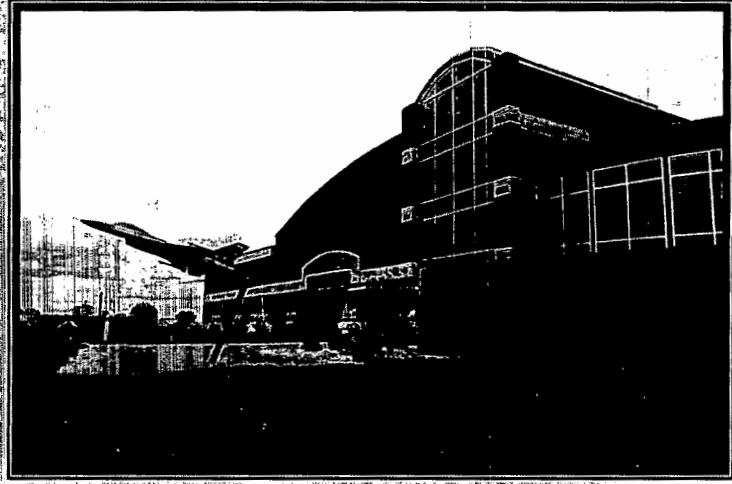


**\$ 7.0 million in 2002  
\$ 12.6 million in 2010 for Base X**



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment Squadron Operations Building - 2002



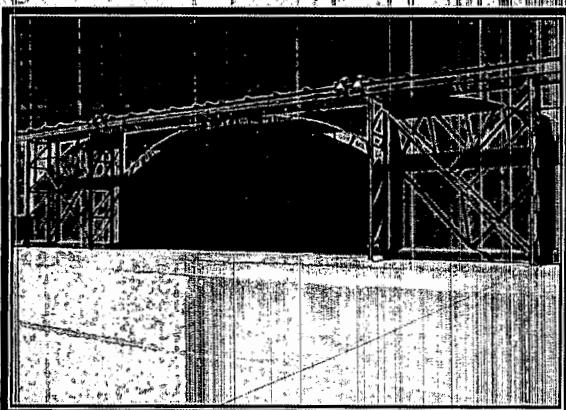
**“State of the Art”**

- 30,800 sq ft (24 PAA requires 27,300)      NOW!
- Full-time Pilot manning for 24 PAA      NOW!
- Sensitive Compartmented Information Facility (SCIF) ready      NOW!
- Eight flight briefing rooms for **2 squadrons**      NOW!



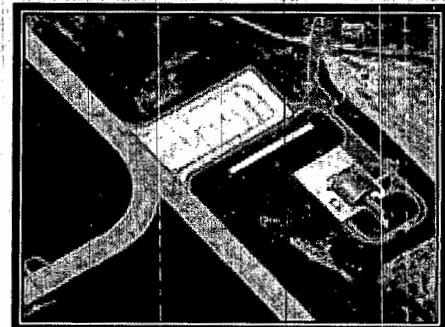
## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment Hush House & Arm/DeArm Pads



6 Lighted spots each

JSF Engine Capable NOW!



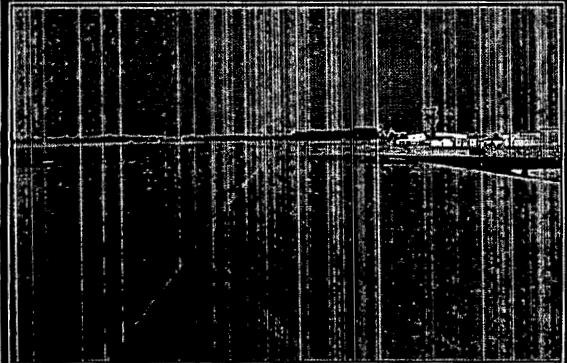
2 Arming Areas

\$ 4.8 million in 2003  
\$ 8.1 million in 2010 for Base X

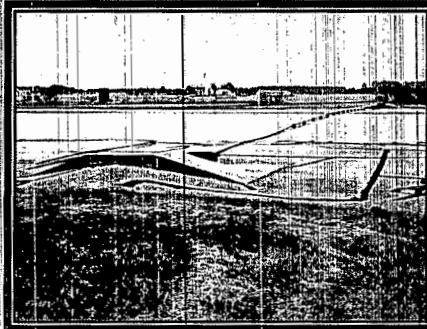


## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment New Taxiways, Overruns & Dual Barriers



C-17 Capable



BAK 14  
USAF



E-5  
Navy

\$ 5.2 million in 2002

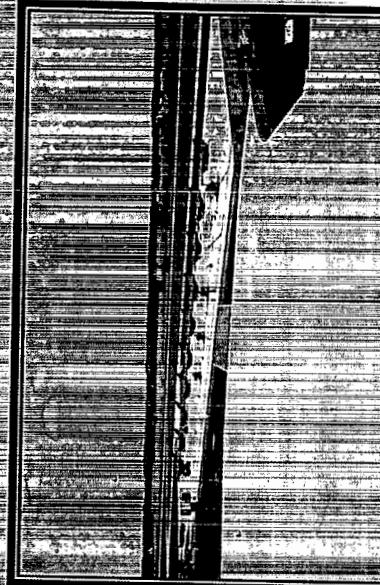
\$ 8.8 million in 2010 for Base X

## **BRA C Analyst Visit**

### **178<sup>th</sup> Fighter Wing Capacity Investment Aircraft Parking Ramp**



**18 Parking Spaces**



**24 Parking Spaces**

**\$ 4.25 million in 2003**

**\$ 6.8 million in 2010 for Base X**





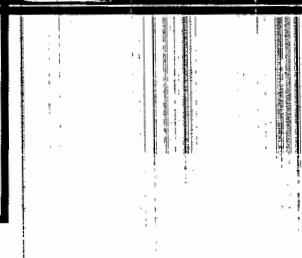
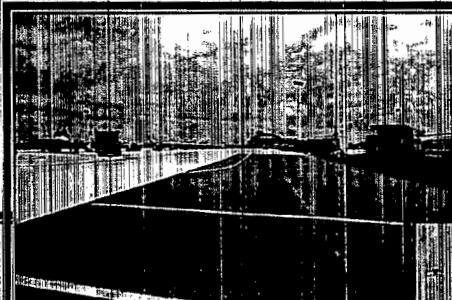
## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment

Parking Ramp  
BRAC Question #28.8

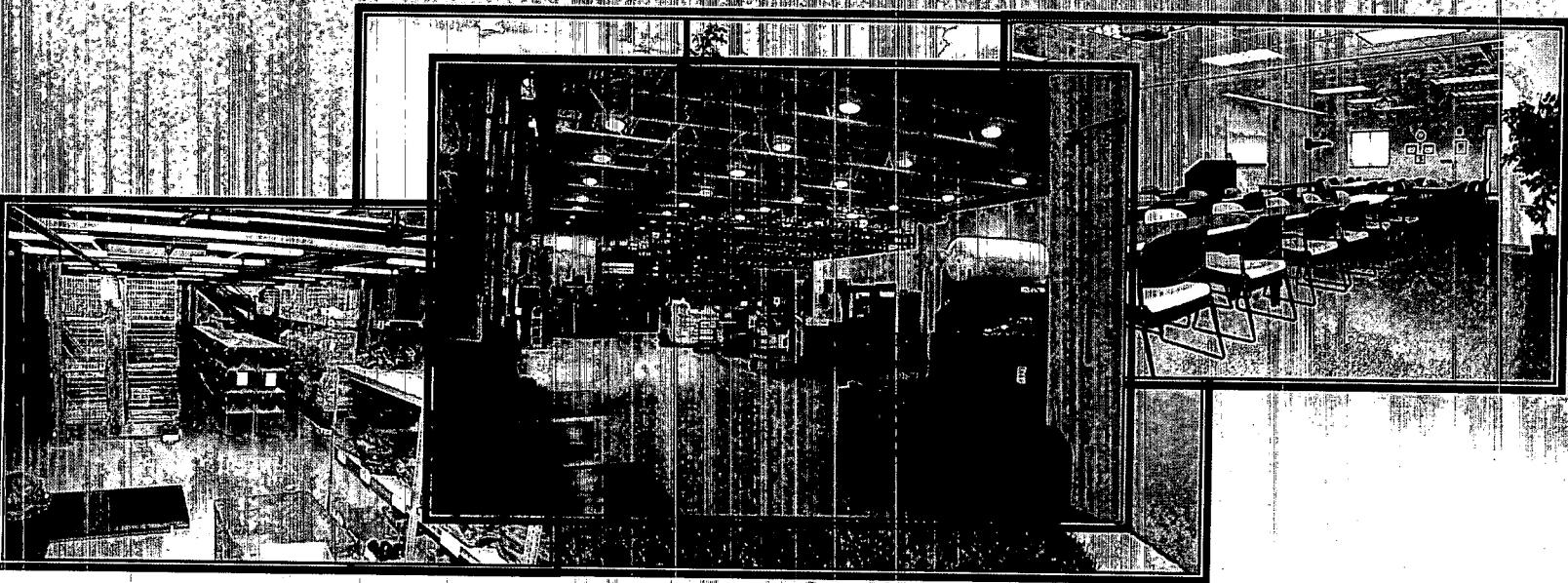
*No Credit*

- Ramp space for 42 F-16s
- Total space for 54 F-16



**BRAC Analyst Visit**

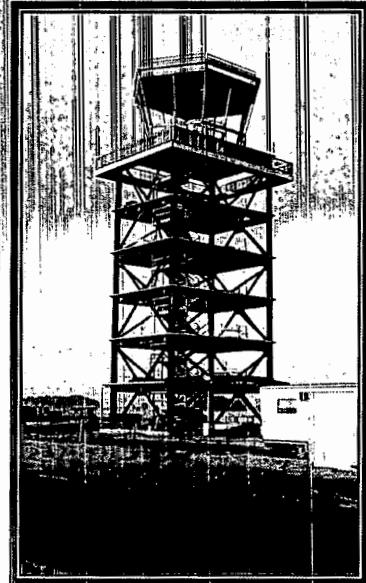
**178<sup>th</sup> Fighter Wing  
Capacity Investment  
Base Supply Building**



**\$ 4.9 million in 1999  
\$ 10.0 million in 2010 for Base X**

**BRAC Analyst Visit**

**178<sup>th</sup> Fighter Wing  
Capacity Investment  
ATC Tower**

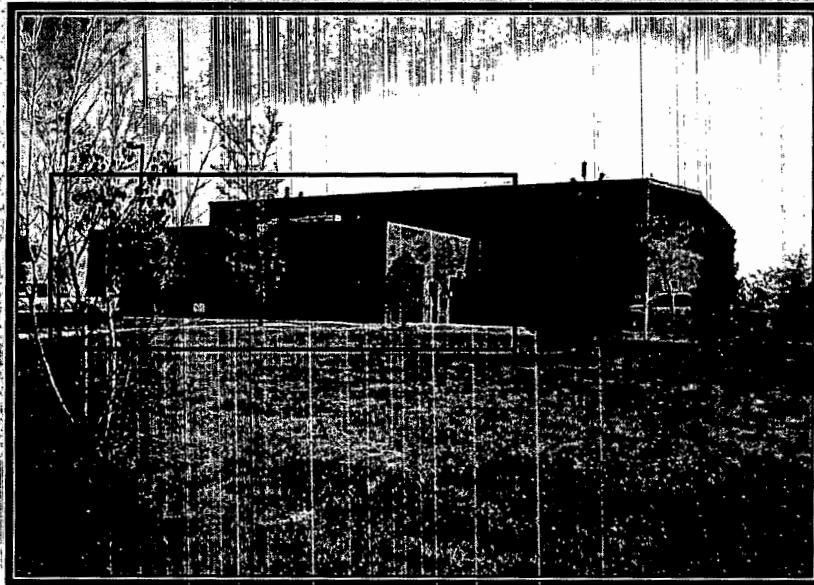


**\$ 4.2 million in 2005  
\$ 6.1 million in 2010 for Base X**



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment NDI Building

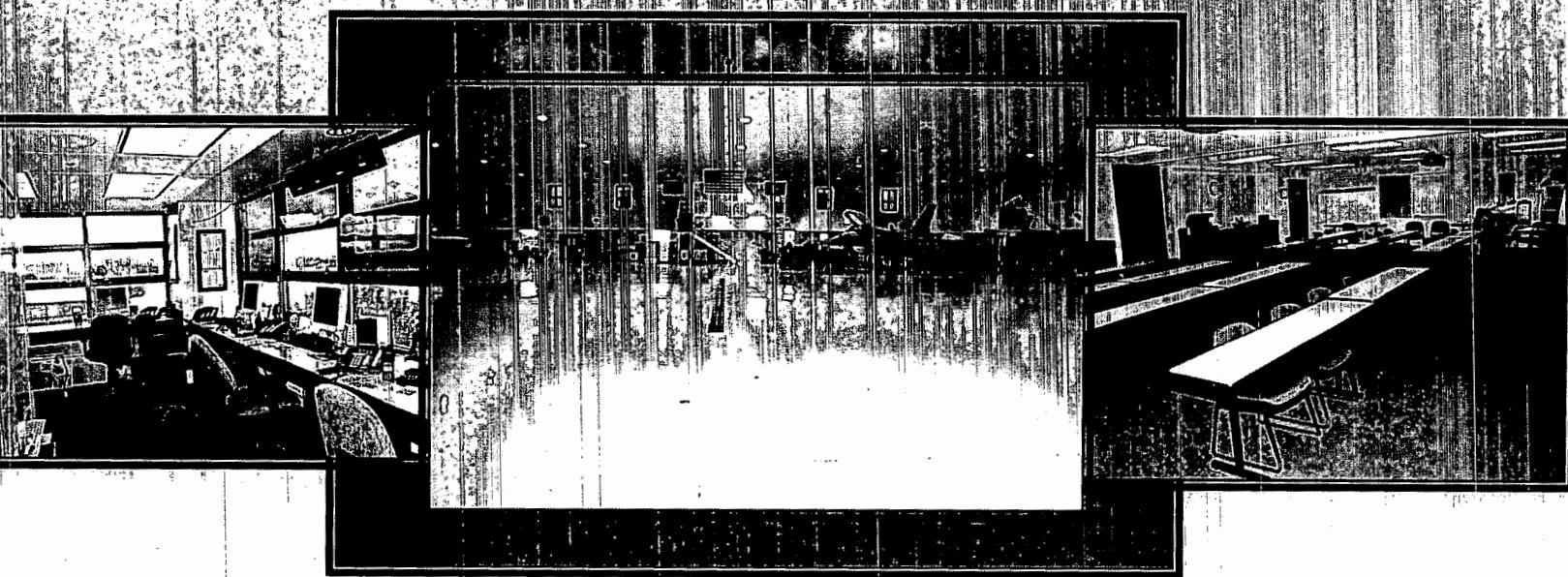


\$ .7 million in 2003  
\$ 1.2 million in 2010 for Base X



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment Hangar

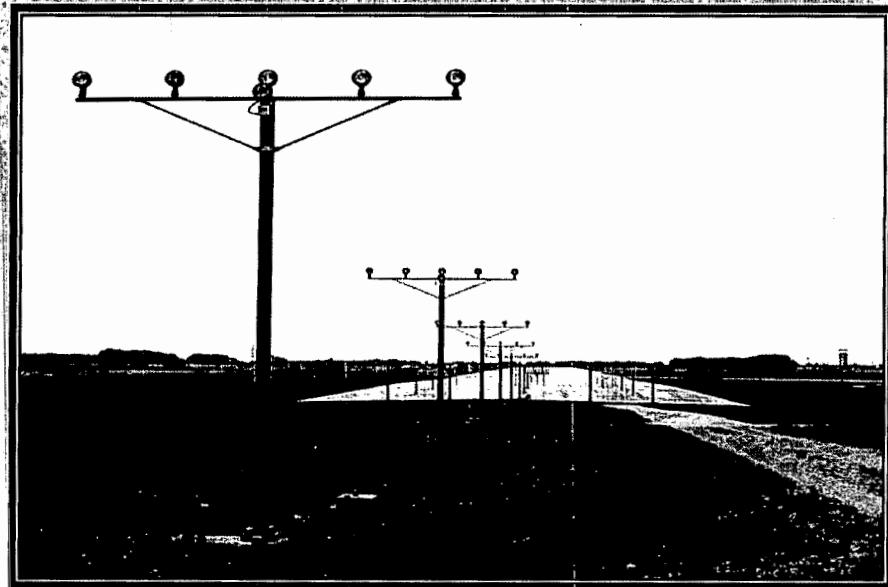


\$ 6.4 million in 2003  
\$ 10.2 million in 2010 for Base X



## BRAC Analyst Visit

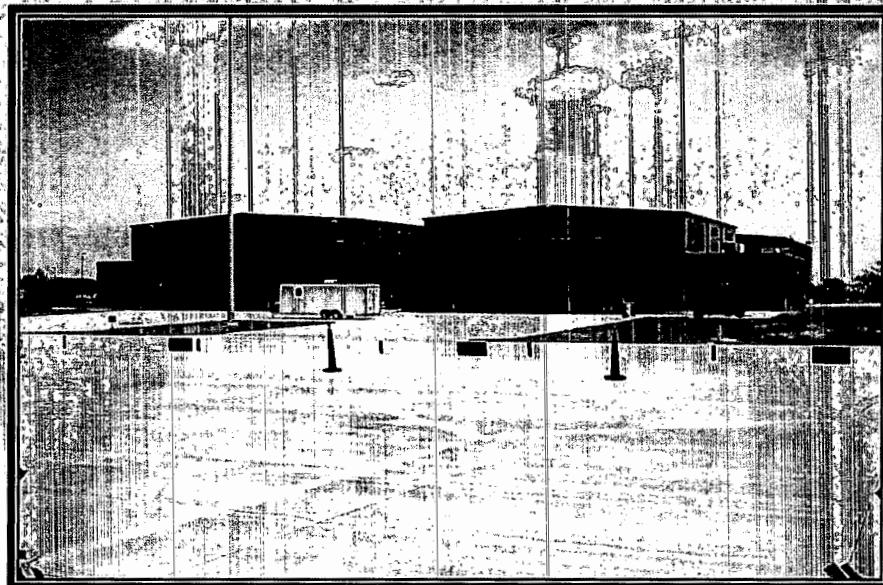
# 178<sup>th</sup> Fighter Wing Capacity Investment Airfield Lighting



\$ 1.2 million in 2005  
\$ 1.6 million in 2010 for Base X

BRAC Analyst Visit

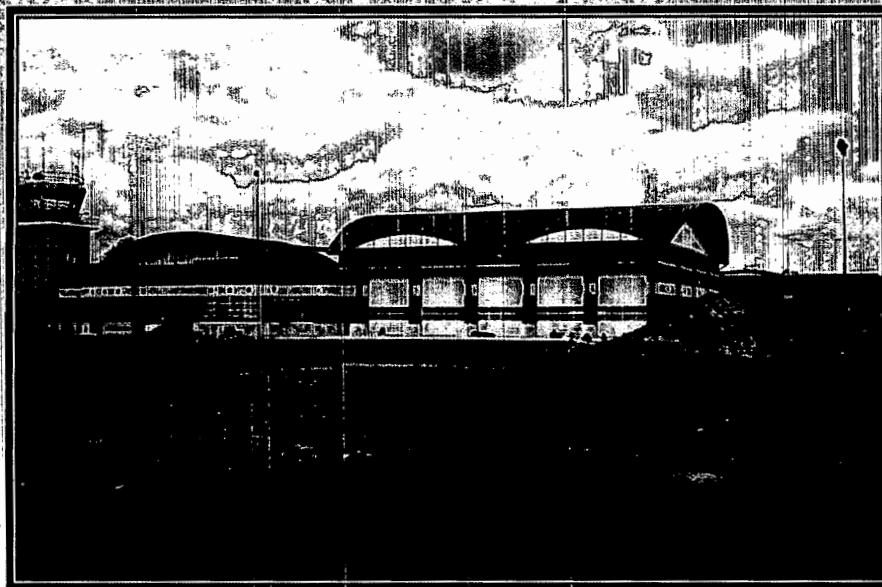
178<sup>th</sup> Fighter Wing  
Capacity Investment  
Corrosion Facility



\$ 2.1 million in 1999  
\$ 5.2 million in 2010 for Base X

**BRAC Analyst Visit**

**178<sup>th</sup> Fighter Wing  
Capacity Investment  
Fire House**

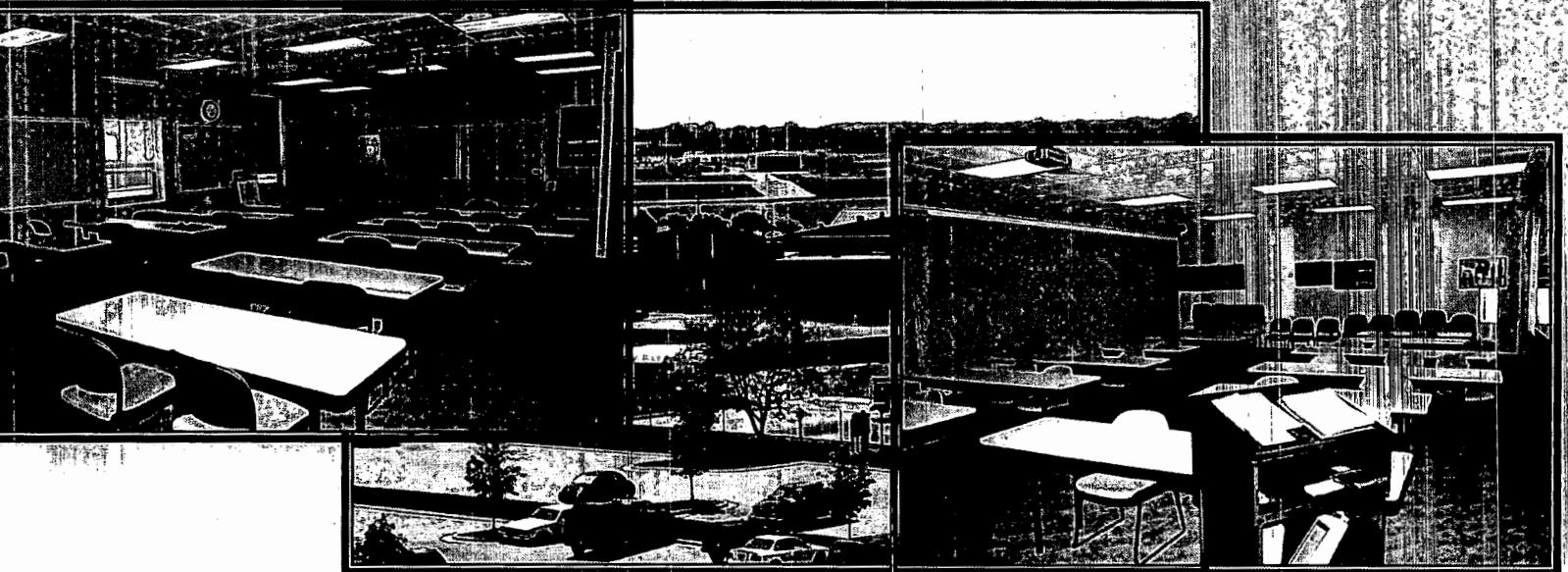


**\$ 5.6 million in 2005  
\$ 8.5 million in 2010 for Base X**



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment Civil Engineering Building



\$ 4.2 million in 2000  
\$ 8.2 million in 2010 for Base X



## BRAC Analyst Visit

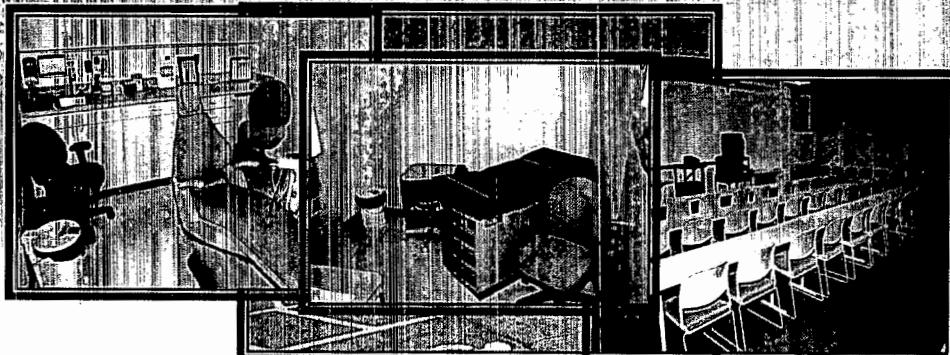
# 178<sup>th</sup> Fighter Wing Capacity Investment

Medical Dental Capacity

BRAC Question #22.257

*No Points – N/A to ANG*

- Medical/dental facility not counted
- Medical/dental classrooms not counted



\$ 4.4 million in 1995  
\$ 10.6 million in 2010 for Base X



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Capacity Investment Main Gate



\$ .3 million in 2005  
\$ .6 million in 2010 for Base X

# BRAC Analyst Visit



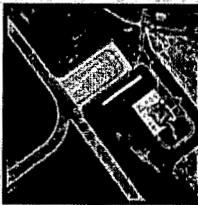
## Capacity in 2010

### Required Investments

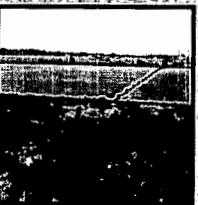
2 Squadron Operations



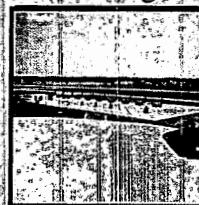
Hush House/  
Arm/DeArm.



Overrun/  
Dual Barrier



Aircraft  
Parking



Base  
Supply



Control  
Tower



NDI  
Building



\$12.6M

\$8.1M

\$8.8M

\$6.8M

\$10.0M

\$6.1M

\$1.2M

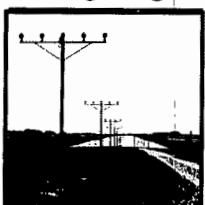
Springfield 2010... \$0.00  
Base X 2010... \$53.6 Million

### Additional Investments

Hangar



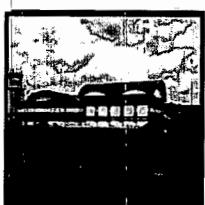
Airfield  
Lighting



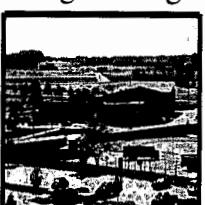
Corrosion  
Facility



Fire  
House



Civil  
Engineering



Medical  
Facility



Main  
Gate





## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value Human Capital

### BRAC Principle Number 1: “Recruit and Train”

- 109.08% Current Manning
- “People join ANG units, not the ANG”
- 45% Projected Loss
  - 339 = Maintenance
  - 58 = Operations
  - 45 = Overhead (min.)



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value Lost Maintenance Experience

\*\* Personnel = 339

- 100 Personnel > 20 years
- 86 Personnel > 15 years
- 80% Personnel at 5 level or above
- 74% Personnel at 7 level or above

NOTE: 78% Full-time manning for 24 PAA NOW!!



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value Lost Pilot Experience

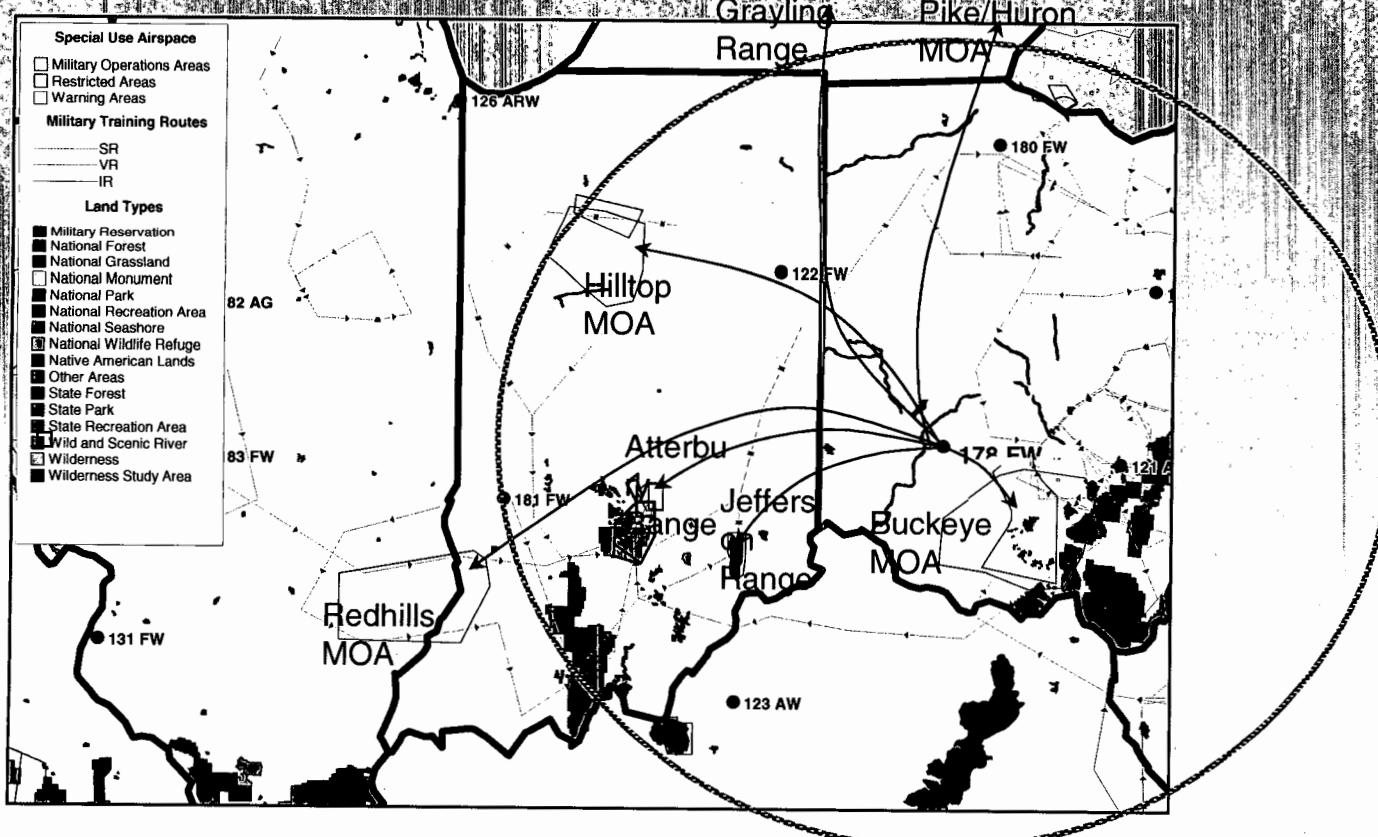
28 Total Pilots = 79,145 Flying Hours

- 18 Years/pilot      AVG
- 2827 Hours/pilot    AVG
- 10 Years more per pilot than Luke AFB (est)
- Net Loss in 2010
  - \$120 Million in pilot experience  
(20 pilots x 10 years flying hours)



## **BRAC Analyst Visit**

# 178<sup>th</sup> Fighter Wing Military Value Airspace Access vs. Ownership





## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value Owned Airspace

### BRAC Question #1.169

*Lower Points – Restricted to Owned Airspace*

- 3 Total MOAs within 150NM
- 2 Ranges with NVG, Laser, and Inert capability
- 1 Range with Live capability within 250NM (Ft. Campbell)
- 1 MOA/ATCAA to FL 500 within 40NM (JSF capable)
  - Only 2 others to FL 500 East of Mississippi River
- 8 Low levels
- Multiple ranges/MOA's at CRTC's during two annual deployments
- FTU results
  - 97% on-time graduation
  - All B course students get DACT or live bombs
  - All-weather experience



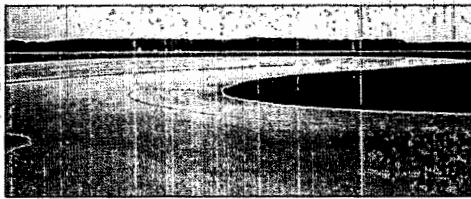
## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value

WPAFB Access / Capability  
BRAC Question - **NONE**

*No Credit*

- Largest CONUS USAF base is within 15 land miles
- 13,000 ft runway with barriers within 10 air miles
- Surge capability – airlift, 24/7 operations
- ASA – Homeland Defense plan in place
  - No per diem expense
  - 20 Minute drive to ASA Detachment
  - 150NM coverage in 20 minute flight time
- Demonstrated live ordnance capability



WPAFB Hot Pad



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value

National Security Sites

Flying Time in Minutes

- 
- The map illustrates the locations of several national security sites relative to a central point, likely the 178<sup>th</sup> Fighter Wing's base. The sites and their approximate flying times are:
- Newport Ammunition Plant – 17
  - Crane Naval Wpns Center – 15
  - Fort Knox – 14
  - Lexington-Blue Grass Ammunition Depot – 13
  - Oak Ridge Nuclear Facility – 22
  - Portsmouth Nuclear Facility – 7

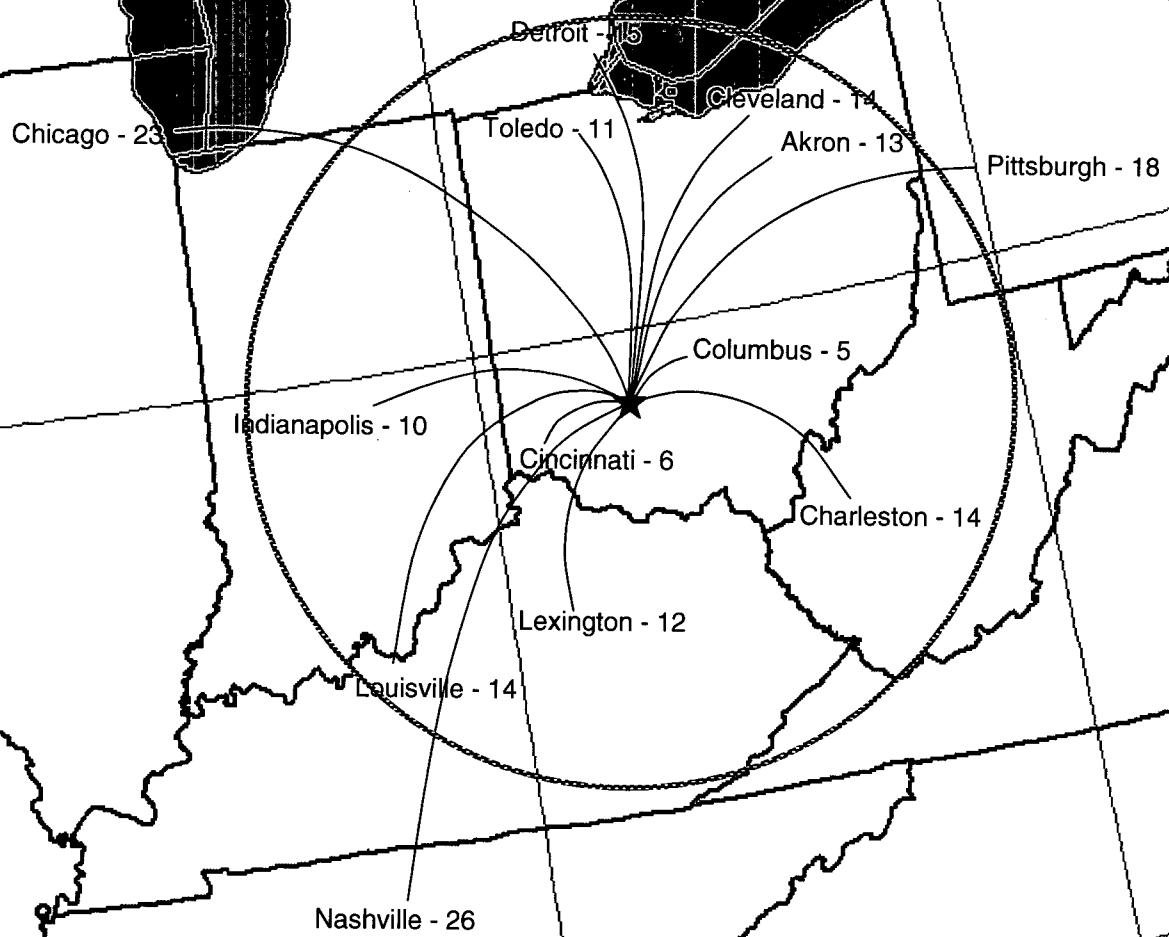


## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value

Population Centers

Flying Time in Minutes





## BRAC Analyst Visit

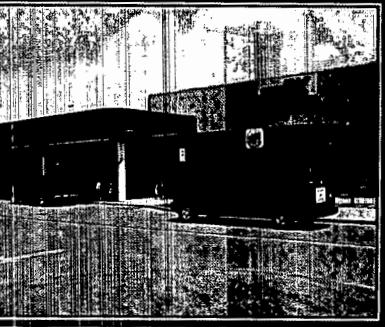
# 178<sup>th</sup> Fighter Wing Military Value

WPAFB Access / Capability

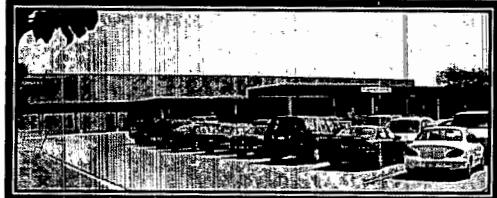
BRAC Question - NONE

*No Credit*

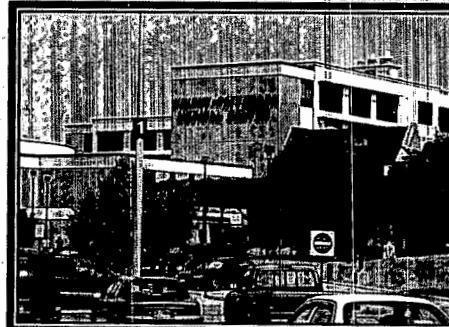
- Active Duty Support!
  - Students
  - “Community Basing”
  - Military Family Housing
  - Temporary Lodging Facilities
  - Child Care
  - Hospital



AFB Base Exchange



WPAFB Commissary



WPAFB Hospital



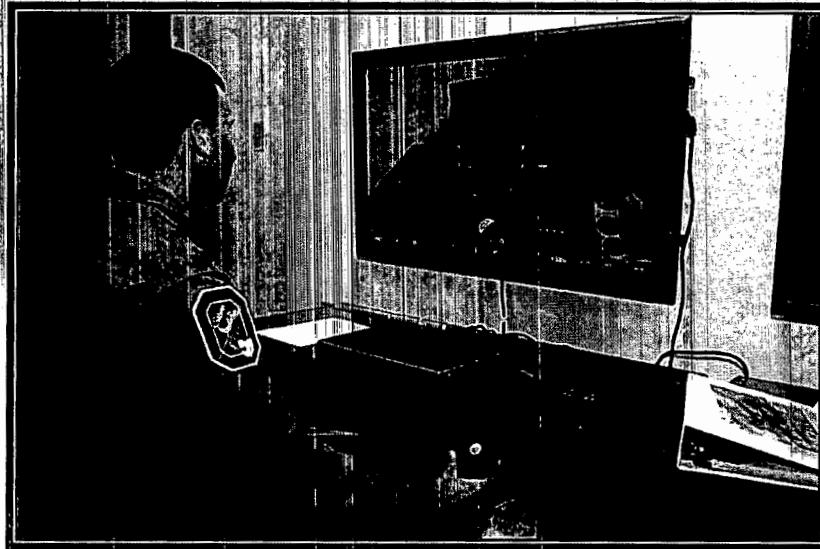
## BRAC Analyst Visit

### 178<sup>th</sup> Fighter Wing Military Value

Airbook Program Credit  
BRAC Question - NONE

*No Points*

- Only USAF/ANG FTU with individual PC-based training system





## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value

Regional Training Simulator Facility

BRAC Question - NONE

*No Points*

- Increase sorties/pilot, Increase complexity
- Decrease wear on jets, Decrease training costs
- 360 Degree visual systems
- 500 F-16 pilots/year capable, 4,000 missions
- Potential \$16 million annual flying hour saving
- Training devices linked to other bases for large force employment





# BRAC Analyst Visit

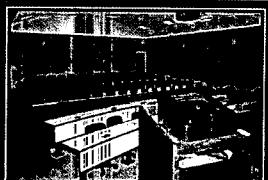
## 178<sup>th</sup> Fighter Wing Military Value

Classrooms – size, number, quality

BRAC Question #11.97

*Lower Points – Restriction to Answer*

- 14 Classrooms with 656 total seats not counted



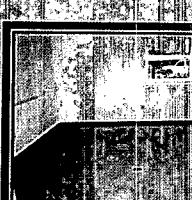
Operations Auditorium



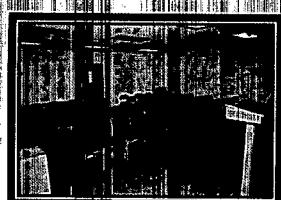
Mission Support Flight



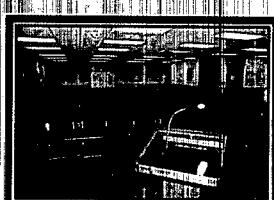
Security Forces



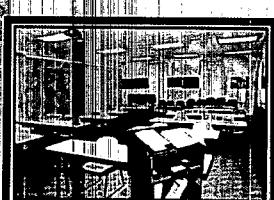
New Fire House



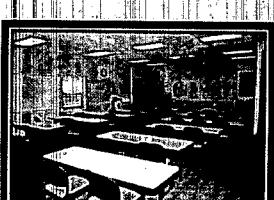
Chapel



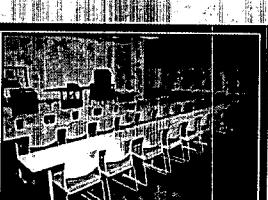
269CBCS



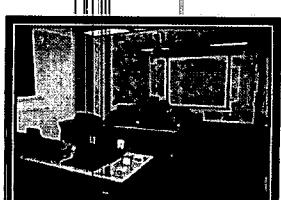
Civil Engineering 1



Civil Engineering 2



Medical Group



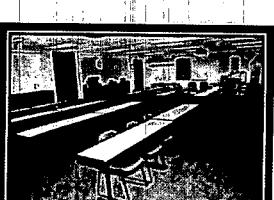
Communications Flight



Operations Group



Supply



Hangar



Motorpool



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value Specialized Courses Taught

BRAC Question #11.104

*No Points N/A to ANG*

- Our primary mission.
- Teach 23 F-16 specialized courses in five syllabi
- We produce new F-16 pilots in 16 training days  
LESS than USAF
- First to imbed NVG & TGP into formal syllabus

## BRAC Analyst Visit



# 178th Fighter Wing Military Value

Average Daily Student Population

BRAC Question #11.107

No Points - N/A to ANG

- 35-45 Students per year
- 252 Students since 1998
- #1 in ANG American student production since 1998

## BRAC Analyst Visit



# 178<sup>th</sup> Fighter Wing Military Value Aircraft Storage

BRAC Question #19.1221

*Lower Points – Ambiguous Question*

- Hangar space for fifteen (15) F-15s total
- Our answer was 12 due to “Smart Storage” for aircraft maintenance capabilities
- Actual answer is fifteen (15) F-15 sized aircraft

\*\* Total 178FW Capacity = 54 F-16/F-35 sized aircraft

## BRAC Analyst Visit

178<sup>th</sup> Fighter Wing  
Military Value  
Maximum Explosive Capability

BRAC Question #36.1231 - #36.1234

No Points

- FTU not currently sited
- ACC siting immediately upon request
- Weapons storage reduced for FTU





## BRAC Analyst Visit

178<sup>th</sup> Fighter Wing  
Military Value  
Large Scale Mobility

BRAC Question #37.1234 - #37.1241

### *Lower Points*

- Pavement Condition Number (PCN) delay reduced C-17 capability
- Six (6) C-17s vs. five as reported
- PCN now updated



## BRAC Analyst Visit

### 178<sup>th</sup> Fighter Wing Military Value

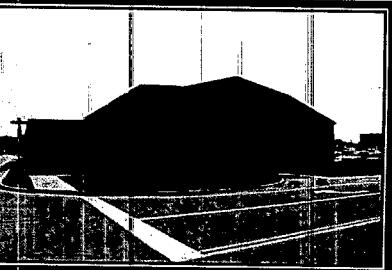
Deployment Processing Center  
BRAC Question #18.332

#### *Fewer Points*

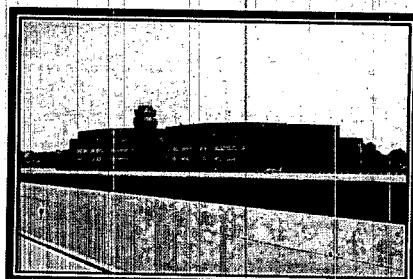
- FTU does not process non-UTC tasked

### 178 FW's Surge Capability

- 1,100+ processing per year
- WPAFB Capacity



WPAFB  
Deployment  
Processing Center



WPAFB  
Air Terminal

# BRAC Analyst Visit

## 178<sup>th</sup> Fighter Wing Military Value Processing Non-unit Personnel

BRAC Question #18.337

*No Points*

- Very ambiguous question
- 178FW (plus WPAFB) could process 1100+ per year



## BRAC Analyst Visit

### 178<sup>th</sup> Fighter Wing Military Value

Number of Mobilized Personnel

BRAC Question #18.4097

#### *Lower Points*

- 178FW exercised/deployed 400 per year
- Only 396 personnel UTC tasked as an FTU

### 178 FW's Surge Capability

- 1,100+ per year as an ACC unit (1996-1997)



## BRAC Analyst Visit

### 178<sup>th</sup> Fighter Wing Military Value Mobilizing Personnel

BRAC Question #18.4098

*No Points*

- On-base lodging requirement precluded realistic answer

### 178 FW's Surge Capability

- Local/WPAFB lodging at 1,200+

# BRAC Analyst Visit



## 178<sup>th</sup> Fighter Wing Military Value Mission Production Comparison

	Mission	BLK	A/C Total	Sorties FY01-04	UTE (12mo)	MXS Shifts
Springfield	FTU	30	20	13695**	15.49*	1.3
Lackland	FTU	30	20	12581	15.48	1.3
Buckley	GP	30	17	11559	14.65	1
Ft. Wayne	GP	25	17	10301	14.65	1
Des Moines	GP	42	17	9592	12.20	1

USAF BLK 30 UTE Rate = 15.58 with 2x maintenance personnel

\* 178FW – With just 18% more A/C flew up to 43% more than a wing that survived BRAC



## BRAC Analyst Visit

### 178<sup>th</sup> Fighter Wing Military Value Springfield vs. Lackland

	01	02	03	04
UTE	15.90 13.40	14.80 13.90	14.80 13.20	15.30 14.10
SORTIES	3407 2996	3488 3300	3397 3054	3403 3231
FMC	73.10% 56.00%	70.70% 57.00%	61.60% 56.00%	57.50% 58.20%
MC	74.40% 70.40%	71.40% 57.00%	65.00% 56.00%	64.00% 70.70%
STUDENTS		252	207	

= Lead Unit



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Military Value

## Restrictive Easements & Mission Encroachments

BRAC Question #4.1205

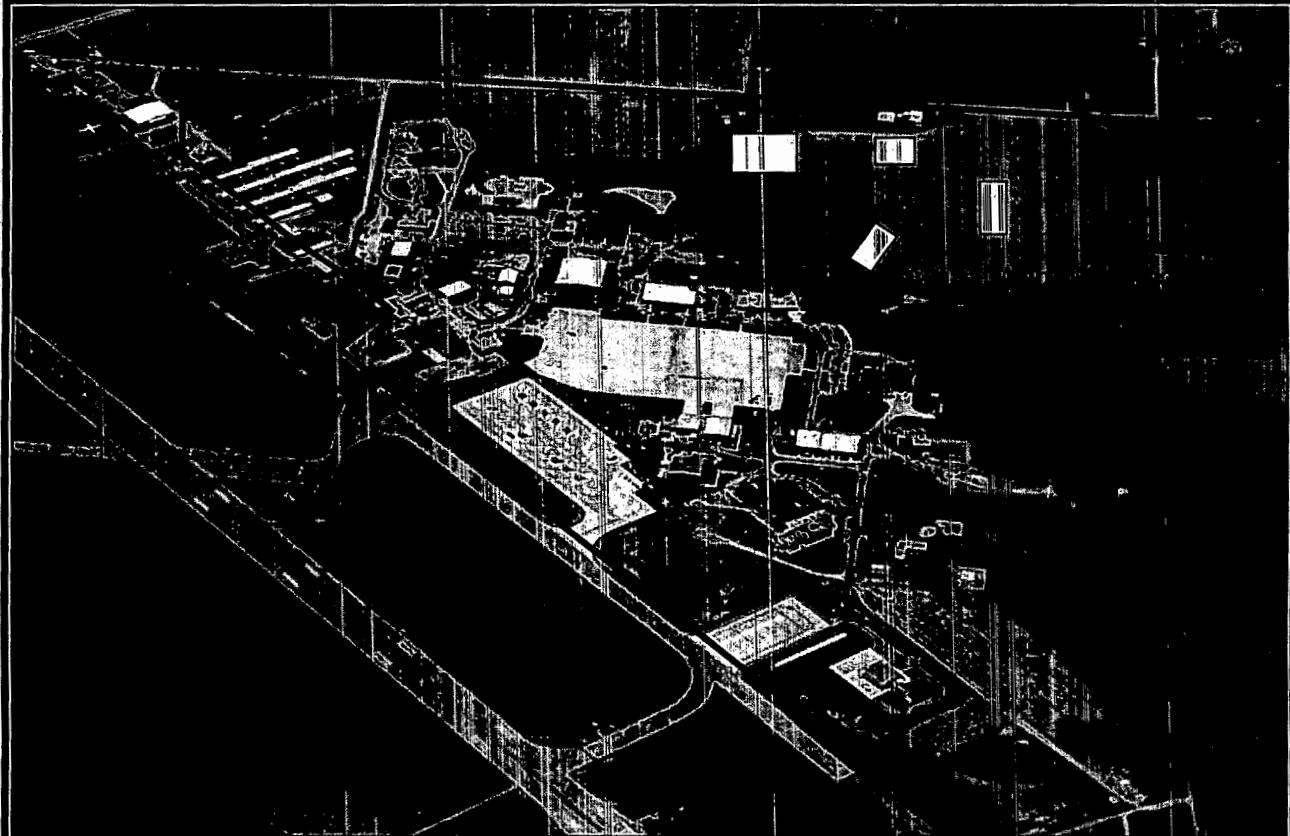
*Lower Points*   *Restricted Answer*

- Currently leased property = 130 acres
- City has purchased more plus options (2004)
- 2002 Master plans include expansion
  - Short term plan = 167.9 acres
  - Long range plan = 228.3 acres
  - Joint Army/ANG facility



## BRAC Analyst Visit

178<sup>th</sup> Fighter Wing  
Military Value  
Future Army Guard / Reserve Site



— = Approx. Location Airport Property Line

= Future Army Guard/Reserve Buildings

## BRAC Analyst Visit



# 178<sup>th</sup> Fighter Wing COBRA Scenario/Analysis

- Jets Leave in 2010
  - PFT scheduled → 2008
- COBRA model shows personnel gone 2007
- Miscalculated cost saving (2008 – 2010)
  - \$8,019,000 Personnel\*
  - \$144,000 Land lease
  - \$2,463,000 Contractor (Lockheed Martin)
  - \$2,436,000 Contractor (Link Communications)

→ Total error in savings = \$13,062,000

→ Actual NVP (cost) / Savings = (\$-12,362,000)

\* 225 Federal jobs x \$73,195/year x 3 = \$49,406,625



## BRAC Analyst Visit

# 178<sup>th</sup> Fighter Wing Economic Impact Air Force BRAC Data

<u>Location</u>	<u>Jobs/Population</u>	<u>Gain/Loss</u>
• Des Moines	+47 jobs / 367,175	= 0.0%
• Buckley	+94 jobs / 1,545,580	= 0.0%
• Toledo	+126 jobs / 403,161	= 0.1%
• Springfield	-291 jobs / 67,753	= -0.6%

Actual Jobs Lost = 450 (Federal, Contractor, State, Guardsmen)

\*\* 178 FW is the #8 employer in Clark County, Ohio

## BRAC Analyst Visit



### 178th Fighter Wing

# Conclusions: BRAC Data Adjustments

- Capacity at Springfield-Beckley MAP

- Cost to robust = \$0.00
- 2010 Duplication at base X = \$53.5 million
- Support 24 PAA+ NOW!

- Military Value at Springfield-Beckley MAP

- Recruiting/retention – 109.08% MANNED!
- Instructor pilot experience = 18 years/pilot
- Maintenance experience = 80% 5 Level or Greater
- Aircraft parking for 42 fighters
- Total aircraft capacity = 54 (including hangar space)
- Accessible airspace
  - NVG, TGP, Laser, Live Bombs
  - 50,000 ft. for JSF
- WPAFB Support for surge and active duty
- ASA Homeland Defense capable
- Regional simulator facility
- Expanded acreage available (100 acres)



## BRAC Analyst Visit

178<sup>th</sup> Fighter Wing

# Conclusions: BRAC Data Adjustments

(continued)

- COBRA Model Error – NPV (cost) / savings
  - \$12,362,000 loss
- Economic Impact Underestimated
  - Actual jobs lost = 450 vs. 291



## BRAC Analyst Visit

178<sup>th</sup> Fighter Wing

Questions?

Base Tour