

DCN: 3517



27th Fighter Wing



Welcome To Cannon AFB

The Honorable Anthony J. Principi

The Honorable James V. Hansen

General James T. Hill (USA, Ret)

Brigadier General Sue E. Turner (USAF, Ret)



Colonel John Posner
27 FW/CC

This Briefing is:
UNCLASSIFIED

103-06A-RH6 – State Input

Regional Hearing – June 24, 2005 – Clovis, NM

BRAC COMMISSION – FY 2005

COFF: _____ DISPOSITION: Permanent

27 FW Senior Leadership



FW/CV
Col Jeff Harrell



FW/CC
Col John Posner



FW/CCC
CMSgt James Randall

27 FW Group Commanders

OG/CC
Col Tip Wight



5 Squadrons
301 personnel

MXG/CC
Col Joe Dickson



4 Squadrons
1,785 personnel

MSG/CC
Col Peggy Poore



7 Squadrons
1,401 personnel

MDG/CC
Col Delores Forrest



3 Squadrons
201 personnel



Overview



- **27th Fighter Wing Mission**
- **Deployments Tempo**
- **Operations Overview**
- **NMTRI**
- **Development Potential**
- **Military Family Housing**
- **MILCON Review**
- **Military Value Changes**
- **Wing CC Comments**
- **Questions**



27th Fighter Wing



Property and Equipment

- Real Estate valued at \$373M
- 60 F-16s

27 FW Mission

- To maintain a mission-ready, fully-deployable F-16 fighter wing capable of day and night combat operations for warfighting commanders worldwide at any time.

People – Our Strength

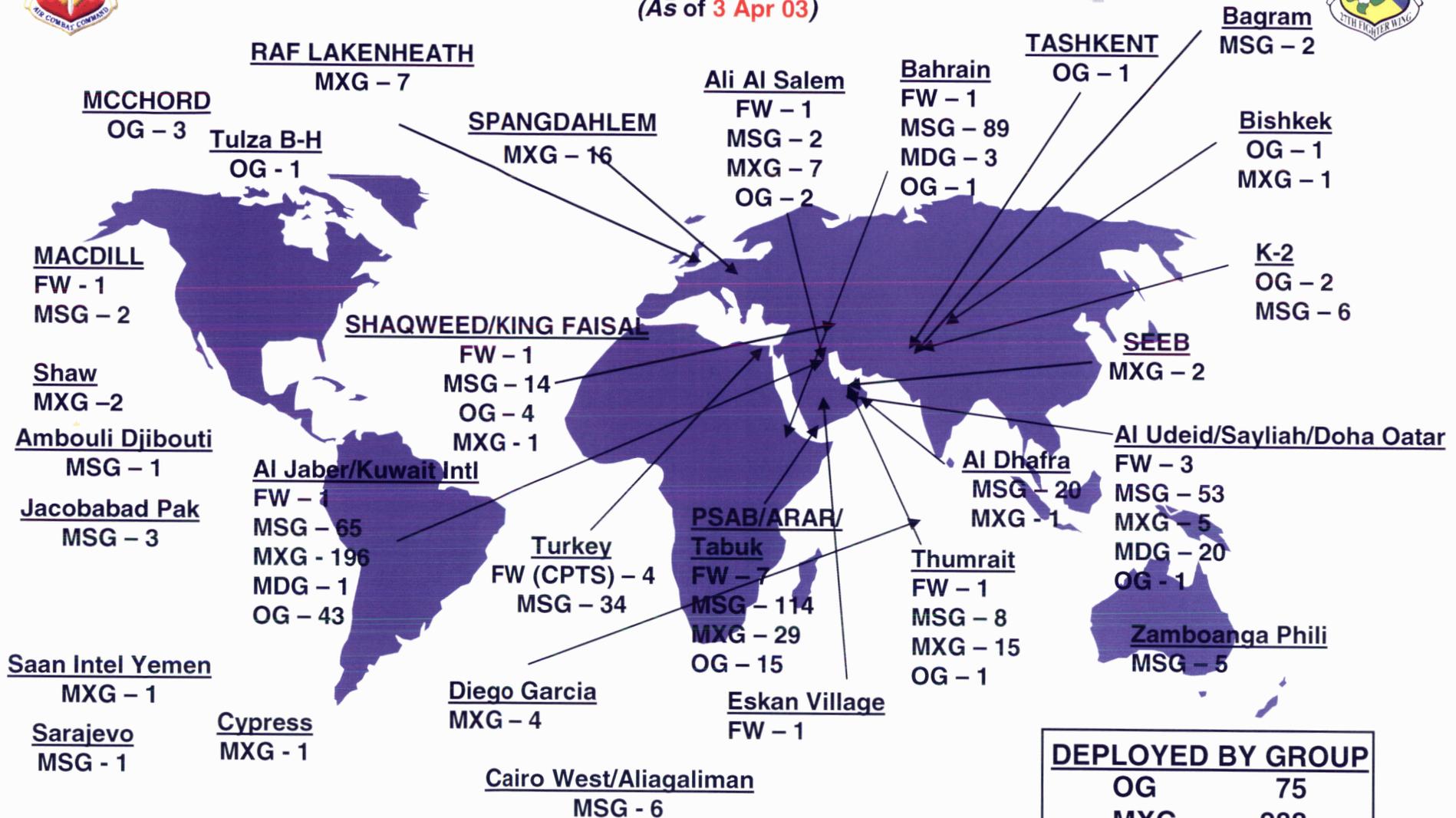
304 Officer
 3,139 Enlisted
403 Civilian
 3,846 Total

(as of 6/1/05)



OIF Deployment Tempo

(As of 3 Apr 03)

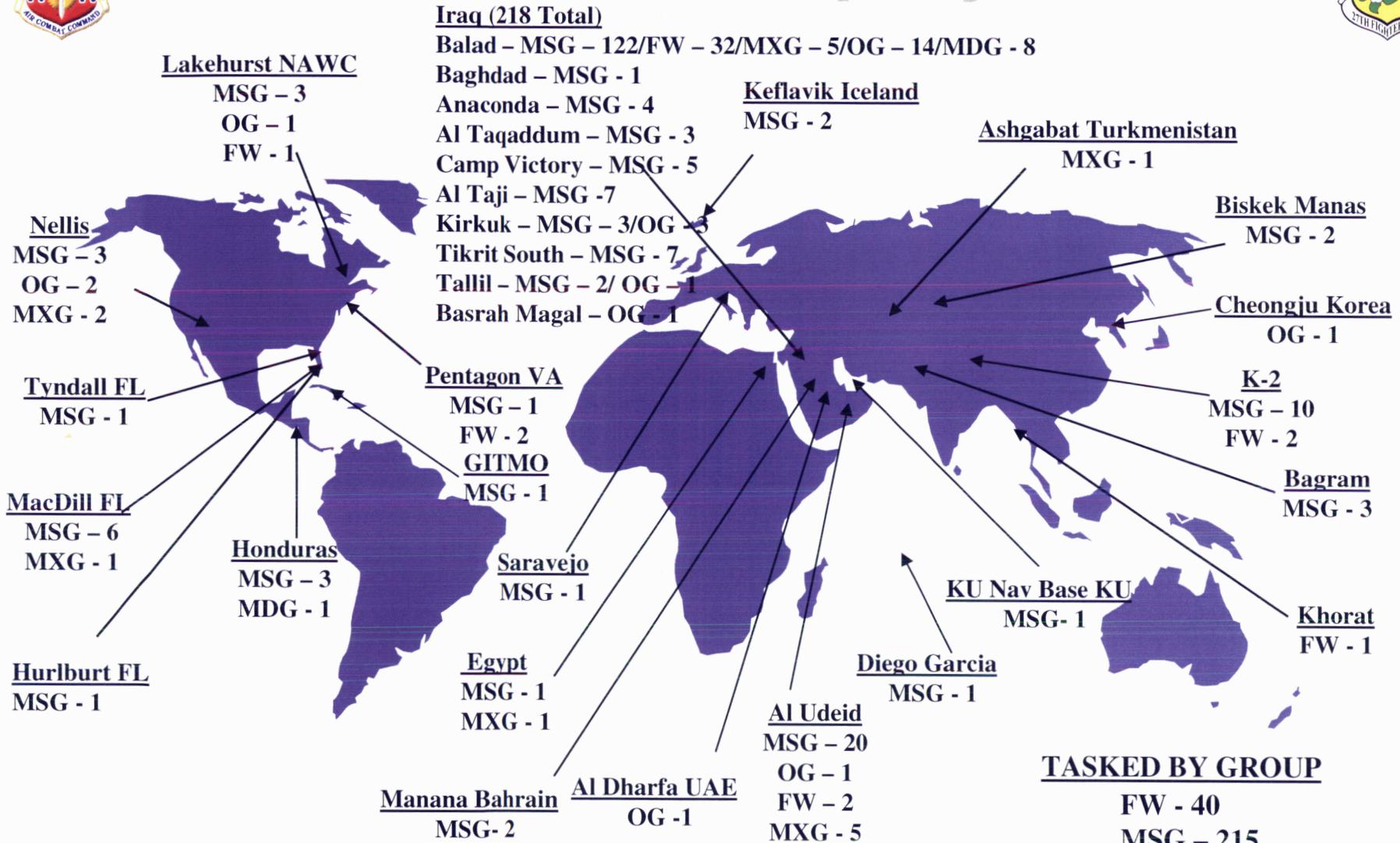


Deployed: 833

DEPLOYED BY GROUP	
OG	75
MXG	288
MSG	425
FW	21
MDG	24



Tasked For Deployment



Tasked to Deploy: 304

(as of 9 Jun 05)



27th Fighter Wing



- **Operations Overview**
- **NMTRI Status**

Lt Col Jack Patterson
27 OG/CD



Operations Combat & Garrison



COMPOSITION

300+ Personnel and 60 F-16Cs

60 PAA + 7 (BAI & A/R) F-16Cs

+ 3 PAA Peace Carvin III F-16s
(428 FS departs 6 Jul 05)

Combat Coded Aircraft

18 PAA F-16CJ, BIK 50 (522 FS)

18 PAA F-16C+, BIK 30 (523 FS)

24 PAA F-16CG, BIK 40 (524 FS)

Combat Capability

BIK 50 – PGM, SEAD, DEAD

BIK 40 – PGM, CSAR, FAC/A

BIK 30 – PGM, CAS, FAC/A

AEF

3 Combat-ready Ftr sqds and 1 OSS for
world-wide deployment/employment

GARRISON

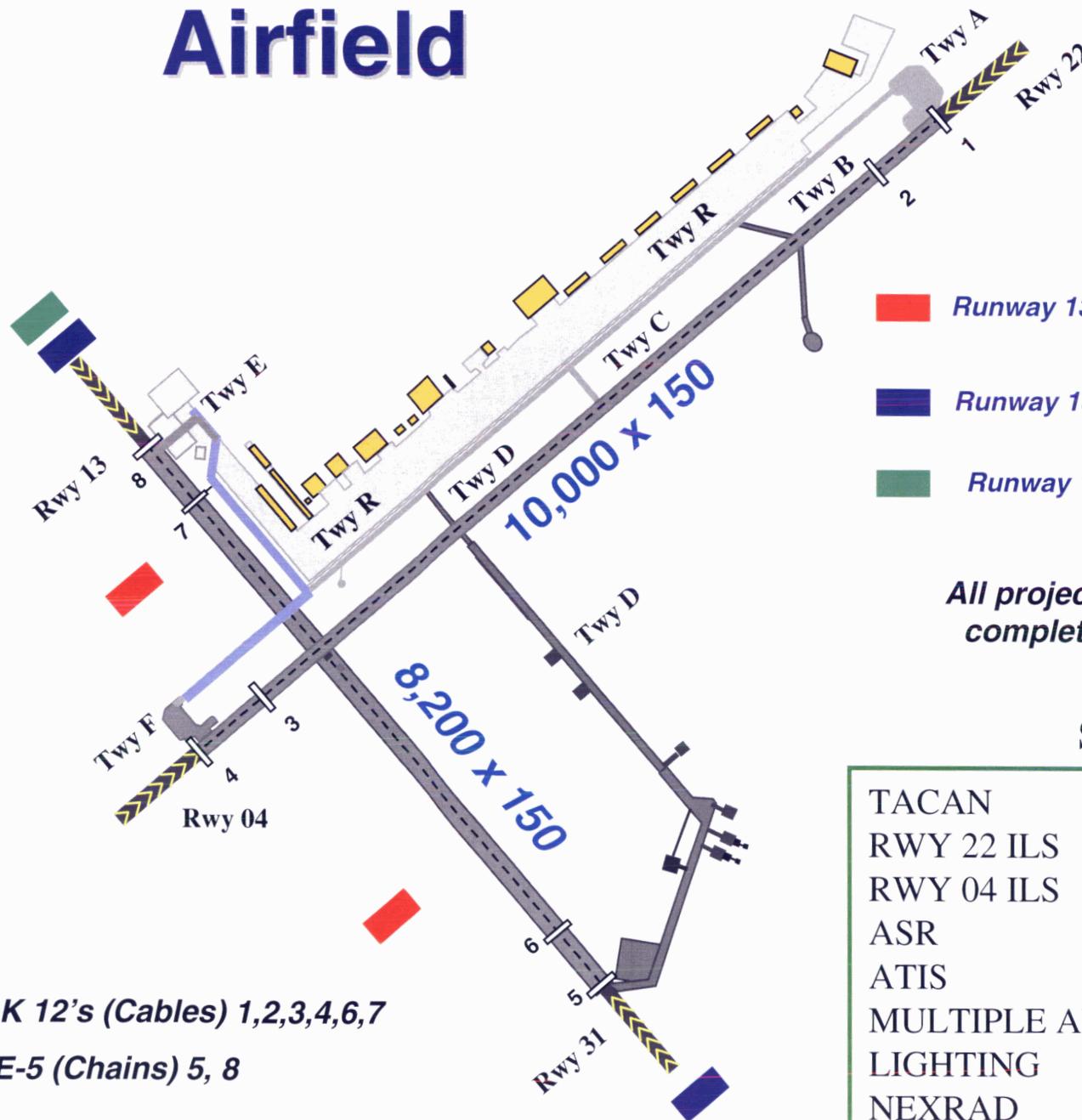
12,028 Sorties for 16,238 hours
annually

22,000 Sq miles of airspace





Airfield



Runway 13/31 Glide Slope Installation

Runway 13/31 Localizer Installation

Runway 13 Simplified Short Approach Light Installation

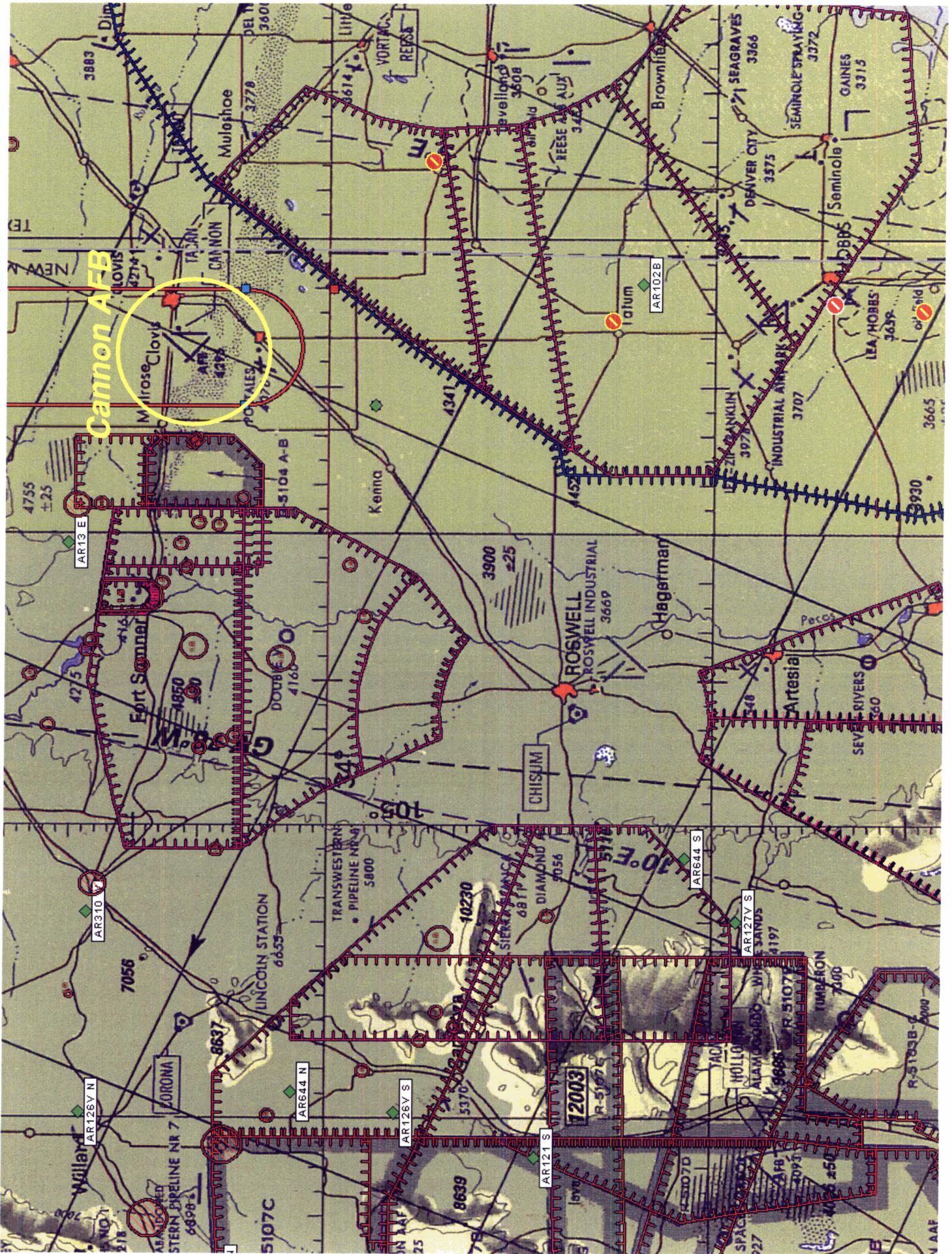
All projects scheduled to be completed NLT 30 Sep 05

SYSTEMS

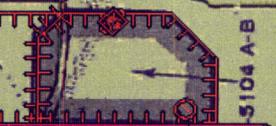
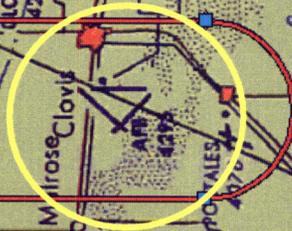
- TACAN
- RWY 22 ILS
- RWY 04 ILS
- ASR
- ATIS
- MULTIPLE ARRESTING SYSTEMS
- LIGHTING
- NEXRAD

BAK 12's (Cables) 1,2,3,4,6,7

E-5 (Chains) 5, 8



Cannon AFB





New Mexico Training Range Initiative



Green = Original Proposal

Red = Changes from Original Proposal

Sumner ATCAA

North--South Boundary

J-74 Current Routing

Cannon AFB

Melrose Air Force Range

SUMNER NORTH ATCAA
HIGH (FL 310 - 500)
LOW (FL 180 - 300)

SUMNER SOUTH ATCAA
FL 180 - 500

CAPITAN ATCAA
FL180-320 (LFEs only)

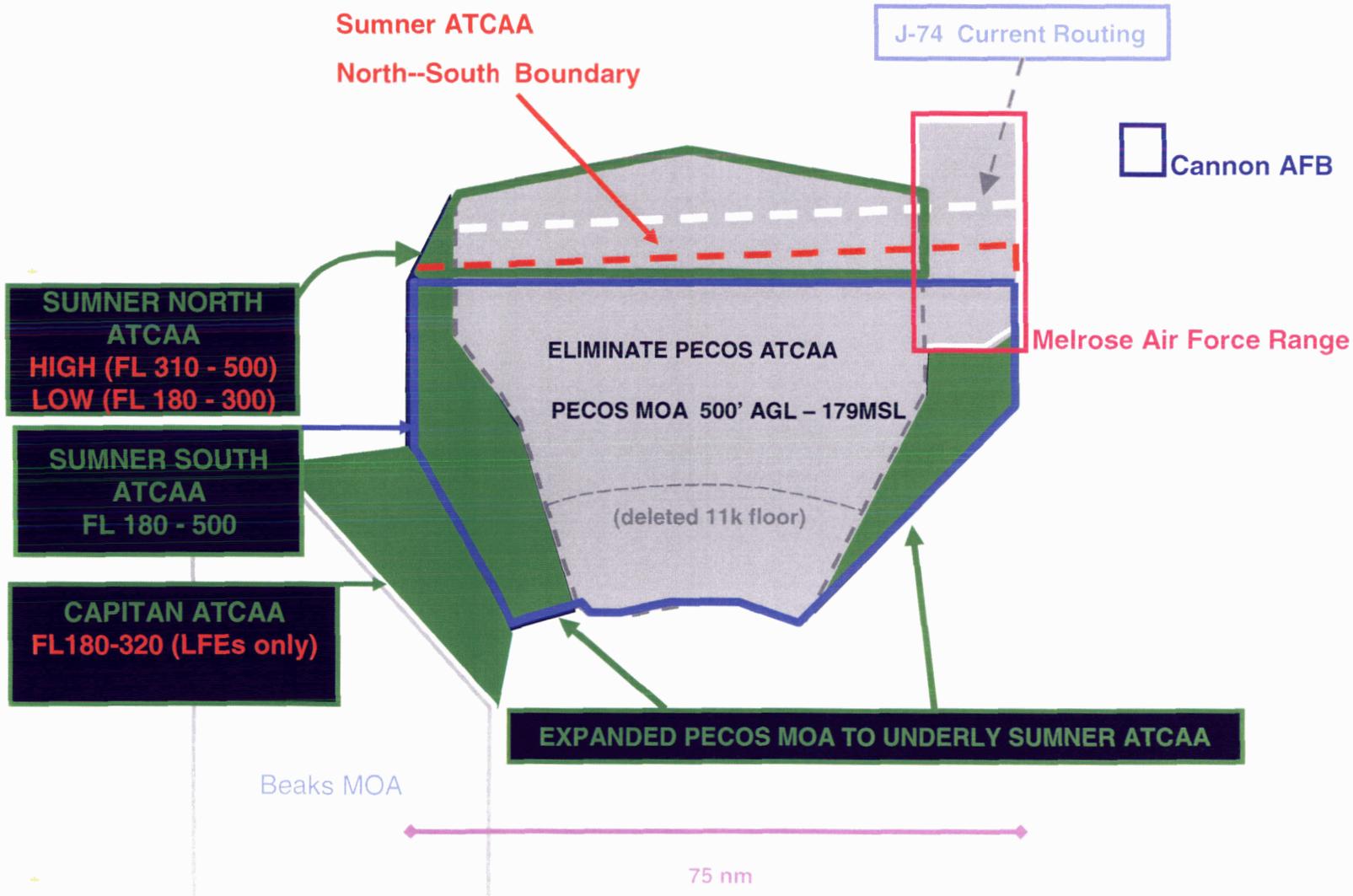
ELIMINATE PECOS ATCAA
PECOS MOA 500' AGL - 179MSL

(deleted 11k floor)

EXPANDED PECOS MOA TO UNDERLY SUMNER ATCAA

Beaks MOA

75 nm





New Mexico Training Range Initiative Environmental Impact Statement



- **Draft Environmental Impact Statement (EIS) public hearings held at 4 New Mexico locations (Jan 05)**
- **Public comment period ended 22 Feb 05**
- **EIS team researching/answering public comments raised in Jan 05 hearings**



ESTIMATED NMTRI TIMELINE

- **Formal Airspace Proposal Submission— 30 Jun 05**
- **Final EIS—Nov 05**
- **Record of Decision on EIS—Jan 06**
- **NMTRI Implementation—Jun 06**



27th Fighter Wing



- **Developmental Potential**
- **Military Family Housing**
- **MILCON Review**
 - **Recently Completed**
 - **Currently Underway**
 - **Projected for FY06**

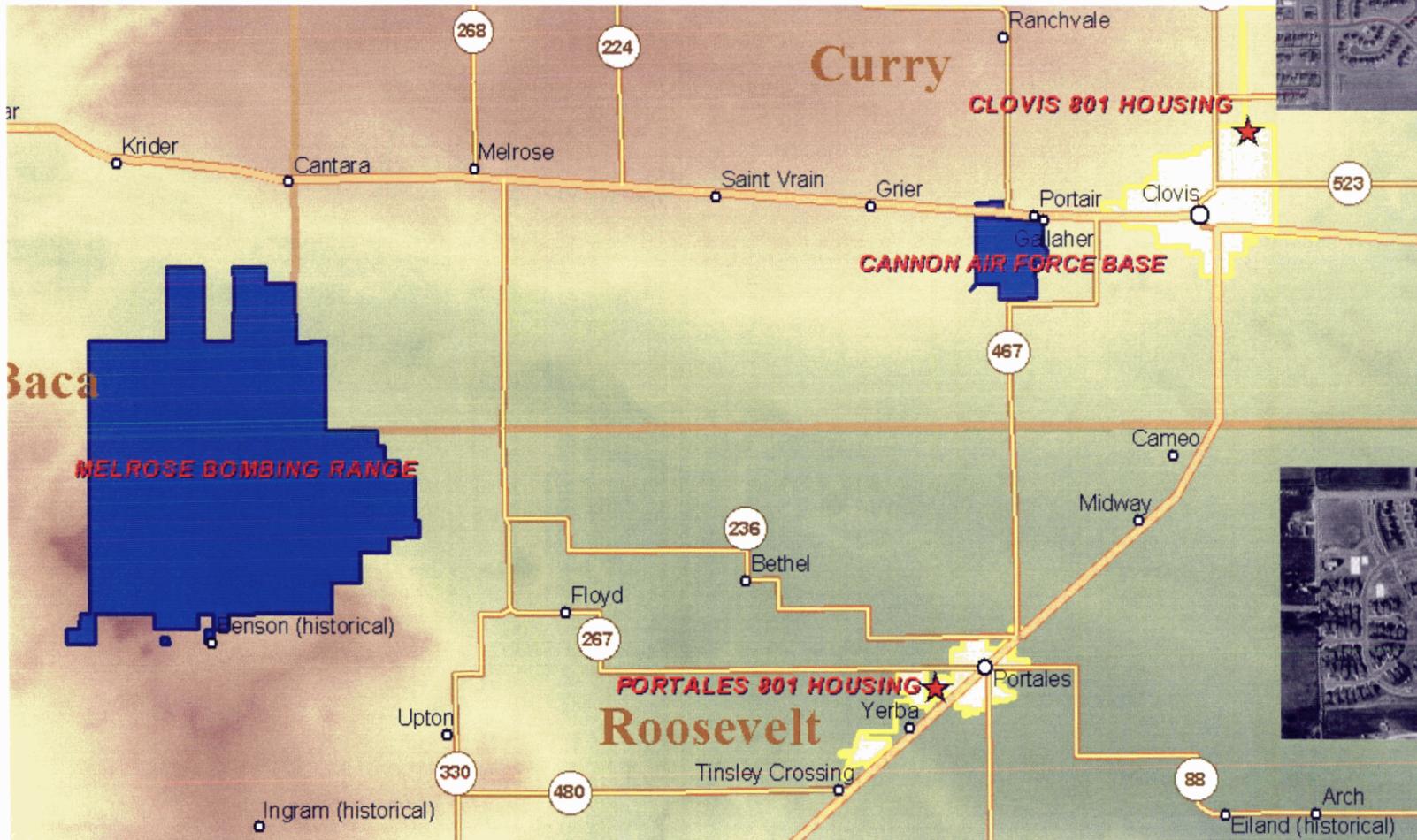
Colonel Peggy Poore
27 MSG/CC



Cannon AFB and Off-Base Sites



Cannon AFB: 3,789 ac. (owned)
754 ac. (restricted easement)
Melrose AFR: 66,033 ac. (owned),
21,896 ac. (restricted easement)





Military Family Housing



Chavez Manor West
361 Units
Completed 1993

Chavez Manor
250 Units
Completed 1974

Joe Cannon Estates
683 Units
Completed 1956/1966



Cannon Meadows
(801 Portales)
150 Units
Completed 1993



Chavez Place
(801 Clovis)
200 Units
Completed 1992



Housing Privatization



- SCOPE: 1294 Houses
- PROJECT IMPACT:
 - Privatize 1294 houses on Cannon AFB
 - Demolish 384 units
 - Renovate 250 (whole house renovation)
 - Renovate 299 (major renovation)
 - Renovate 361 (minor renovation)
 - Construct 336 new units
- End state of 1246 housing units
- Does not include 350 “801” housing units in Clovis and Portales

PROJECT COST: \$183M+

- WHY WE NEED IT:
 - Existing houses were constructed 40+ years ago & are substandard
 - Normal MILCON cannot keep up with required replacement timeline
 - Airmen deserve respectable housing to support Quality of Life
- STATUS:
 - Placed on hold pending resolution of BRAC



MILCON Overview



RECENT MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
Control Tower	Complete	01	5.7
Fire/Crash Rescue Station	Complete	02	8.7
Security Forces Operations	Complete	03	5.1
Total Cost			19.5



Control Tower



• SCOPE: 761 Square Meters

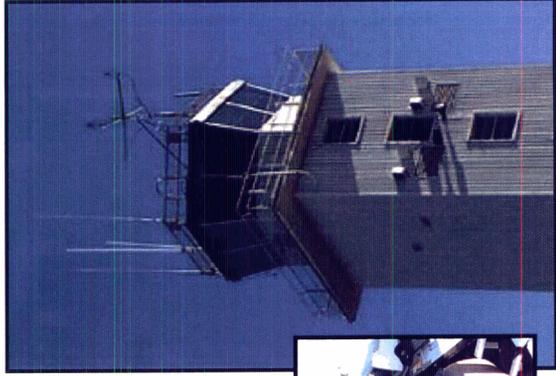
PROJECT COST: \$5.7M

• PROJECT IMPACT:

- Constructed A State-of-the-Art Control Tower With Full View Of The Entire Airfield And Airspace
- Provided Upgraded Communications Infrastructure Allowing Airfield Operations To Utilize 21st Century Technology

• CONSTRUCTION STARTED: Oct 01

COMPLETED: Mar 03



OLD CONTROL TOWER



NEW CONTROL TOWER



Fire/Crash Rescue Station



• SCOPE: 3,430 Square Meters

PROJECT COST: \$8.7M

• PROJECT IMPACT:

• Constructed A State-of-the-Art Fire/Crash Rescue Station

• Facility Consolidates Fire Fighting Equipment And Crews, A Central Fire Alarm System, Command & Control And 24 Hour Crew Quarters

• CONSTRUCTION STARTED: Sep 02

COMPLETED: Apr 04



OLD FIRE STATION



NEW FIRE STATION



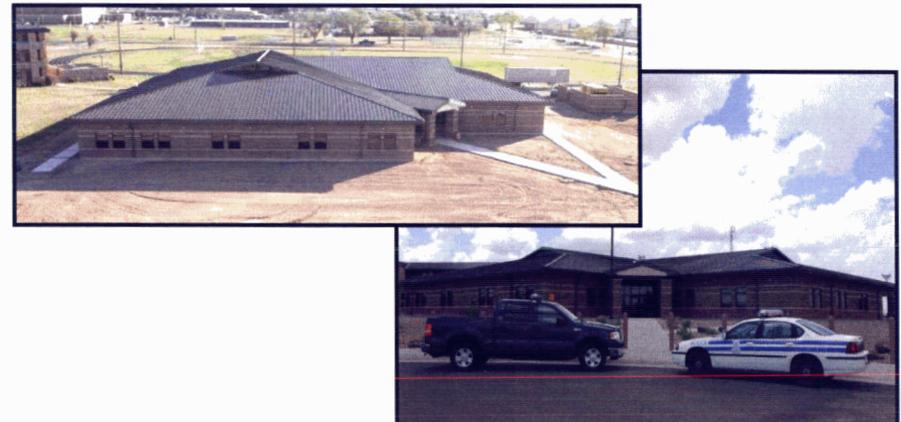
Security Forces Operations Complex



- **SCOPE:** 1,737 Square Meters **PROJECT COST:** \$5.1M
- **PROJECT IMPACT:**
 - Constructed A Consolidated Facility To House The Security Forces Squadron (SFS) And The Air Force Office Of Special Investigations (AFOSI) Detachment
 - Provides A Strategically Located, Adequately Sized Facility To House Security Control Element, Law Enforcement And Resource Protection Functions, Confinement Cells, Armory, Mobility, & Information Security
- **CONSTRUCTION STARTED:** Dec 03 **COMPLETED:** May 05



OLD SECURITY FORCES BLDG



NEW SECURITY FORCES BLDG



MILCON Overview



CURRENT MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
AGE Complex	Demolition Complete, Construction On Hold	04	7.7
Approach Lights, RWY 13	Proceeding as Scheduled	04	1.3
Dining Hall/Airmen's Center	On Hold at 100% Design	05	9.5
Total Cost			18.5



AGE Complex



- SCOPE: 5,103 Square Meters PROJECT COST: \$7.7M
- PROJECT IMPACT:
 - Construct A New Aerospace Ground Equipment (AGE) Maintenance Complex, To Include Shop, Covered Storage And Open Storage Areas
 - New Facilities Will Be Used To Maintain And Repair The Over 800 Pieces Of AGE Supporting The Mission At Cannon AFB
- STATUS: Demolition Complete; Start Of Construction Placed On Hold Pending Resolution Of BRAC
- CONSTRUCTION STARTED: Feb 05 EST. COMPLETE: Apr 06



CURRENT AGE BLDG



NEW AGE BLDG



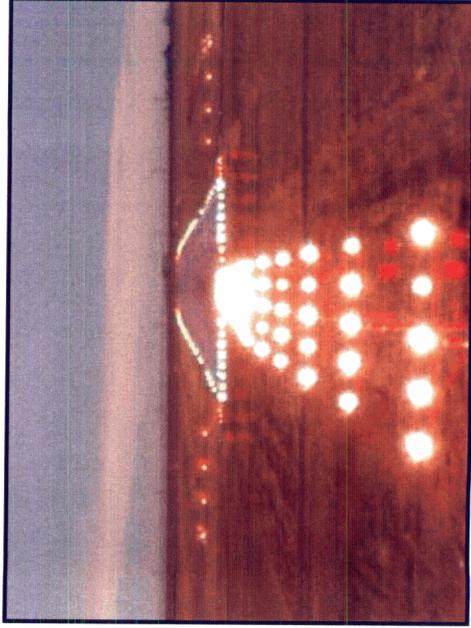
Approach Lights Rwy 13



- SCOPE: N/A
- PROJECT IMPACT:
 - Installs Permanent Simplified Short Approach Lighting System (SSALR) With Sequenced Flashers On Runway 13
 - Combines With Ongoing Installation Of Instrument Landing System To Upgrade RWY 13/31 Instrument Approach
- STATUS: Proceeding as Scheduled
- CONSTRUCTION STARTED: Sep 04

PROJECT COST: \$1.3M

EST. COMPLETE: Sep 05



APPROACH LIGHTS



RWY 13 APPROACH



Dining Hall/Airmen's Center



• **SCOPE:** 2,602 Square Meters

PROJECT COST: \$9.5M

• **PROJECT IMPACT:**

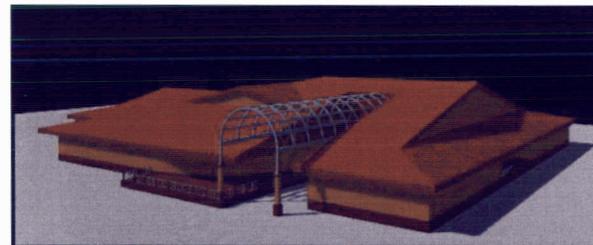
- Improve Quality Of Life For Cannon Airmen By Offering A New, Modern Dining Facility And Postal Center With The Added Convenience Of A One-Stop Facility To Take Care Of Personal Needs
- Part Of A Broader Plan To Provide A New “Campus-Style” Living Arrangement For Unaccompanied Airmen
- **STATUS:** 100% Design; Placed On Hold Pending Resolution Of BRAC



BUILDING 1199, DINING FACILITY



BUILDING 1249, POST OFFICE



FUTURE DINING HALL/AIRMEN'S CENTER



MILCON Overview



FUTURE MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
Communications Facility	15% Design, On Hold	07	15.0
Munitions Storage Area Upgrade	15% Design, On Hold	08	6.0
Total Cost			21.0



Communications Facility



- **SCOPE: 5,574 SQUARE METERS** **PROJECT COST: \$15.0M**
- **PROJECT IMPACT:**
 - Consolidate All Communications Functions By Constructing A New Communications Facility, To Include A New Command Post Area
 - Demolish Two Existing Facilities, Building 10 (1,142 SM) & Building 2328 (2,037 SM)
- **WHY WE NEED IT:**
 - Three Comm Facilities Are Spread Across The Base, Providing An Inefficient & Unproductive Work Environment
 - Building 600, Consolidated Support Center, Houses The Current Command Post
 - A New Facility Will Replace These Decaying Buildings With One Central Facility
- **STATUS: 15% Design; Placed On Hold Pending Resolution Of BRAC**



RENDERING OF FUTURE COMMUNICATIONS FACILITY



Munitions Storage Area Upgrade



• SCOPE: 1,224 SQUARE METERS

PROJECT COST: \$6.0M

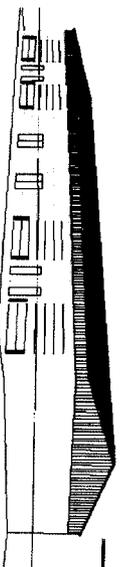
• PROJECT IMPACT:

- Construct A New Missile Maintenance Facility, An Addition To An Existing Facility For Munitions Trailer Maintenance And A Munitions Storage Igloo
- Demolish Building 2105, Conventional Munitions Shop Built In 1951 & Located In An Airfield Clear Zone

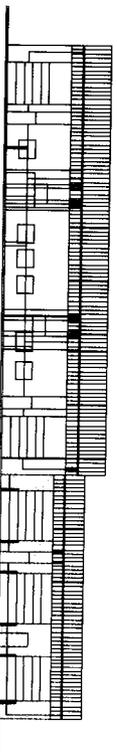
• WHY WE NEED IT:

- Degraded And Undersized Facilities Constrain The Wing's Flying Mission
- Deficiencies Cause Delays In Equipment Maintenance, Limiting The Number Of Mission-ready Munitions Delivered To Support Flying Operations
- Lack Of Sufficient Munitions Storage Space Constrains The Wing's Ability To Fly With Diversified Weapons Configurations During Combat Training

• STATUS: 15% Design; Placed On Hold Pending Resolution Of BRAC



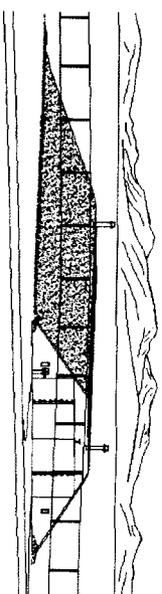
Missile Maintenance Shop



Trailer

Maintenance Bay

Bay



Storage Igloo



MILCON Overview



RECENT MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
Control Tower	Complete	01	5.7
Fire/Crash Rescue Station	Complete	02	8.7
Security Forces Operations	Complete	03	5.1
Total Cost			19.5

CURRENT MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
AGE Complex	Demolition Complete, Constr On Hold	04	7.7
Approach Lights, RWY 13	Proceeding as Scheduled	04	1.3
Dining Hall/Airmen's Center	On Hold at 100% Design	05	9.5
Total Cost			18.5

FUTURE MILCON PROJECTS

Project Title	Status	FY	Cost (\$M)
Communications Facility	15% Design	07	15.0
Munitions Storage Area Upgrade	15% Design	08	6.0
Total Cost			18.5



27th Fighter Wing



Military Value Changes



Section 1 - Current/Future Mission



Name (Criteria Title)	Change (Y/N)	Cause of Change
1- Current/Future Mission		
1.1 – Operating Environment		
1.1.1 ATC Restrictions to Operations (Q1242)	Y	CY03 delays = 1% CY04 delays = 0.5%
1.1.2 Prevailing Installation Weather Conditions (Q1271)	N	
1.2 – Geo-locational Factors		
1.2.1 – Proximity to Airspace Supporting Mission (ASM) (Q1245)	N	
1.2.2 – Proximity to Low Level Routes Supporting Mission (Q1246)	N	
1.2.3 – Suitable Auxiliary Airfields Within 50NM (Q1270)	N	



Section 2 - Condition of Infrastructure



Name (Criteria Title)	Change (Y/N)	Cause of Change
2- Condition of Infrastructure		
2.1 – Key Mission Infrastructure		
2.1.1 Ramp Area and Serviceability (Q8) (Based on Pavement Classification Number (PCN). PCN is developed through structural testing methods every 2-3 years.)	Y	Ramp repairs have changed PCN CY02 = 33 CY04 = 38
2.1.2 Runway Dimension and Serviceability (Q9) (Based on PCN)	Y	Major runway repairs have changed PCN for both runways CY02 = 33/35 CY04 = 62/47
2.1.3 Level of Mission Encroachment (Q1207)	N	
2.1.4 Hangar Capability, Small Aircraft (Q1221)	N	
2.1.5 Sufficient Explosives Sited Parking (Q1232)	N	
2.1.6 Sufficient Munitions Storage (Q1233)	Y	1380 SF Munitions Storage Igloo completed FY05 (80,400lbs NEW)
2.1.7 Installation Pavements Quality (Q1235) (Based on PCN)	Y	Runway/Ramp repairs have changed overall condition PCN (details shown above in 2.1.1 & 2.1.2)
2.2 – Operating Areas		
2.2.1 Access to Adequate Supersonic Space (Q1203)	N*	Pending Final Approval, NMTRI would improve access
2.2.2 Range Complex Supports Mission (Q1266)	N	



Section 3 - Contingency, Mobilization, Future Forces



Name (Criteria Title)	Change (Y/N)	Cause of Change
3- Contingency, Mobilization, Future Forces		
3.1 – Mobility/Surge		
3.1.1 Fuel Dispensing Rate to Support Mobility and Surge (Q1214)	N	
3.1.2 Ability to Support Large-Scale Mobility Deployment (Q1241)	N	
3.2 – Growth Potential		
3.2.1 Attainment/Emission Budget Growth Allowance (Q213)	N	
3.2.2 Buildable Acres for Industrial Operations Growth (Q1207)	Y	Per ACC direction, CAFB re-zoned “open space” in Jan 05 for Industrial use
3.2.3 Buildable Acres for Air Operations Growth (Q1207)	Y	Per ACC direction, CAFB re-zoned “open space” in Jan 05 for Air Operations use



Section 4 - Cost of Ops/Manpower



Name (Criteria Title)	Change (Y/N)	Cause of Change
4- Cost of Ops/Manpower		
4.1 – Cost Factors		
4.1.1 Area Cost Factor (Q1250)	N	
4.1.2 Utilities Cost Rating (Q1269)	N	
4.1.3 BAH Rate (Q1402)	N	
4.1.4 GS Locality Pay Rate (Q1403)	N	



27 FW/CC Comments



Col John Posner



27th Fighter Wing



Questions