



87th Air Base Wing



Christopher Archer

**Deputy Base Civil Engineer
Joint Base McGuire-Dix-Lakehurst**



Agenda



- **2005 BRAC**
- **Non BRAC**
- **Community**
- **Mission Partners**
- **Vision**
- **Organization**
- **Facility Requirements**
- **Contracting Opportunities**

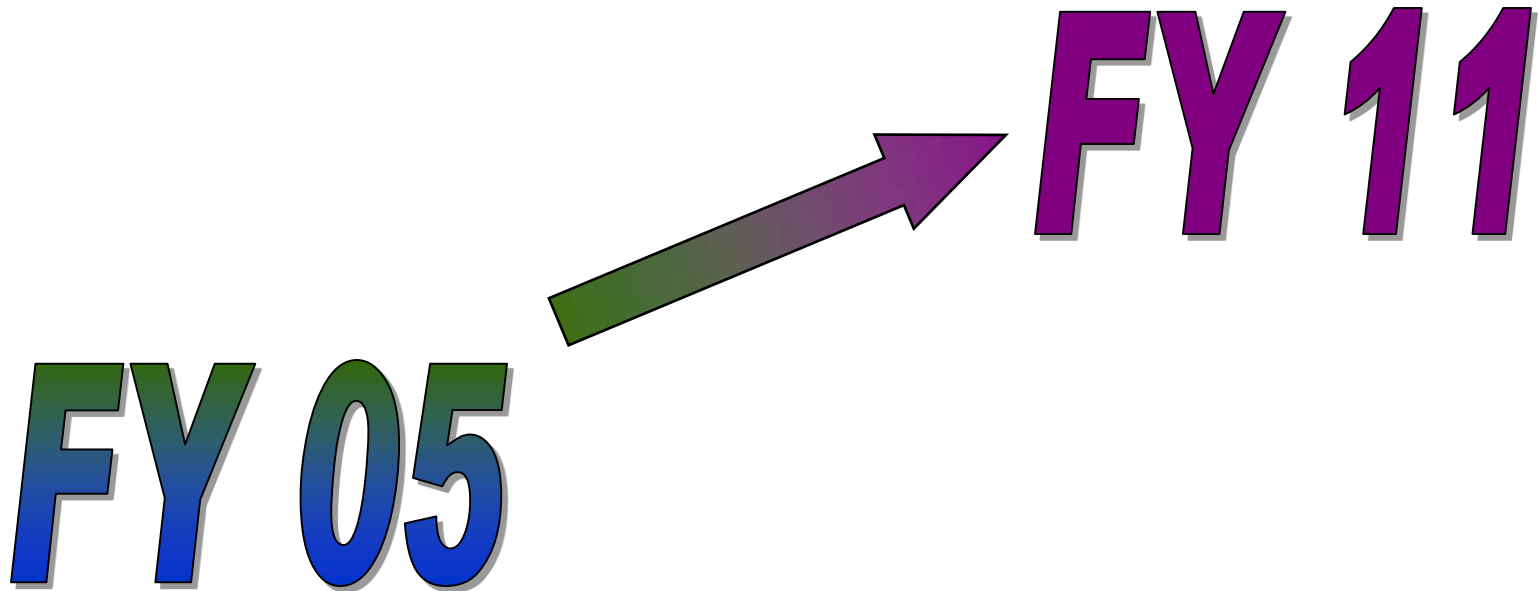
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BRAC Legislation



- Relocate Army/Navy/Marine Units to McGuire AFB (Part 68)
- Create Joint Mobilization Site (Part 144)
- Establish First Tri-Service Joint Base (Part 146)



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BRAC Relocation – Part 68



- 37 Army/Navy/Marine Acft to McGuire: 57% Increase
- Personnel Increase: ~700+ Full-Time, ~1500+ Part-Time
- \$218M+ in Navy MILCON





Joint Base Legislation



- **The Base Realignment and Closure Commission 2005 legislation directed the DoD to realign 26 separate installations into 12 Joint Base installations**
 - **Specifically to our installation, the legislation —realigned Fort Dix NJ and Naval Engineering Station Lakehurst NJ, by relocating the installation management functions to McGuire AFB NJ, establishing Joint Base McGuire-Dix-Lakehurst NJ”**
-



Joint Base



- **Phase 1 Bases**
 - NAS Little Creek / Ft Story VA
 - Ft Myer / Henderson Hall VA
 - Andrews AFB / NAF Washington MD
 - McGuire AFB / Ft Dix / NAES Lakehurst NJ
 - Navy Base Guam / Andersen AB GUAM
- **Phase 2 Bases**
 - Anacostia Annex / Bolling AFB DC
 - NS Pearl Harbor / Hickam AFB HI
 - Ft Lewis / McChord AFB WA
 - Charleston AFB / NWS Charleston SC
 - Elmendorf AFB / Ft Richardson AK
 - Lackland AFB / Randolph AFB / Ft Sam Houston TX
 - Langley AFB / Ft Eustis VA



Non-BRAC Relocation

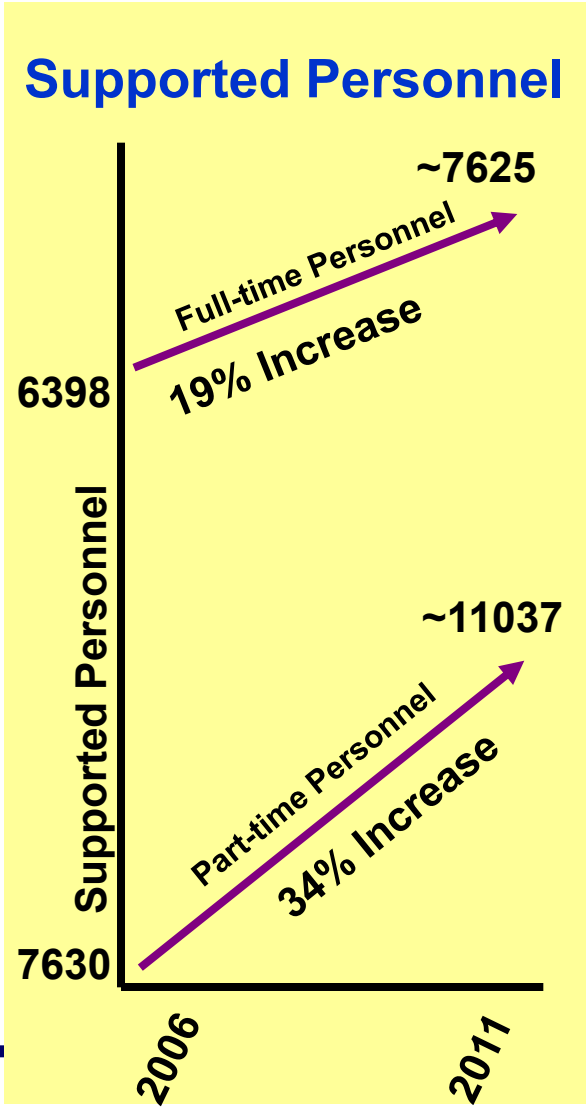
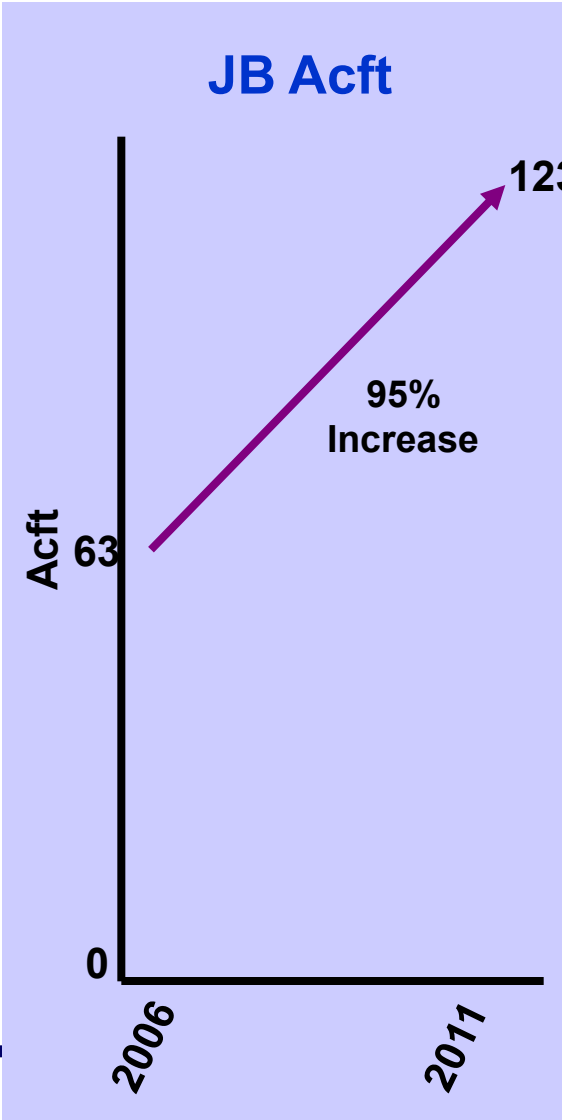


- **23 Army Guard Aircraft moving to NAES Lakehurst**
 - 18 UH-60 Blackhawk Helicopters
 - 4 UH-72A Lakota Helicopters
 - 1 C-12
- **Guard Personnel Increase**
 - 100 Full-Time
 - 430 Part-Time
- **\$50M+ in MILCON**





Combined Effects





87 ABW Mission Statement



—To provide mission-ready Warfighters to support Unified Combatant Commanders in global military operations and unrivaled installation management for America’s only tri-service joint base.”

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Joint Base Full Operational Capability



- **Number assigned grew 51% (+1,077):**
 - *Force Support Sq: 90% increase (+475)*
 - **Civil Engineering Sq: 85% increase (+316)**
 - *Contracting Sq: 60% increase (+28)*
 - *Security Forces Sq: 55% increase (+139)*
 - *Wing Staff: 46% increase (+40)*
 - *Logistics Readiness Sq: 19% increase (+64)*
- **Area of Responsibility will increase more than 10-fold:
from 3,600 acres to 42,000 acres**
- **Number of facilities increased 8-times: from 502 to 3,933**
- **Value of infrastructure grew 4-times: from \$2.2B to \$9.3B**
- **Number of mission partners grew approx 2.5-times: from 30 to 80**
- **Serviced population grew 1.5-times: from 17,000 to 41,000**

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JOINT BASE MDL

Bordering Townships
& Boroughs



Joint Base McGuire-Dix-Lakehurst



Springfield Twp

North Hanover Township

Plumsted Township

Jackson Township

Wrightstown Borough

New Hanover Twp

McGuire

Fort Dix

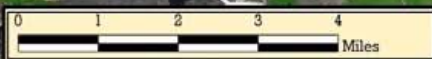
Lakehurst

Lakehurst Borough

Pemberton Borough

Pemberton Township

Manchester Township



Legend	
	Preserved Land
	NAES Lakehurst
	McGuire AFB
	Fort Dix
	State Roads
	County Roads



Joint Base The Partners – Ft Dix

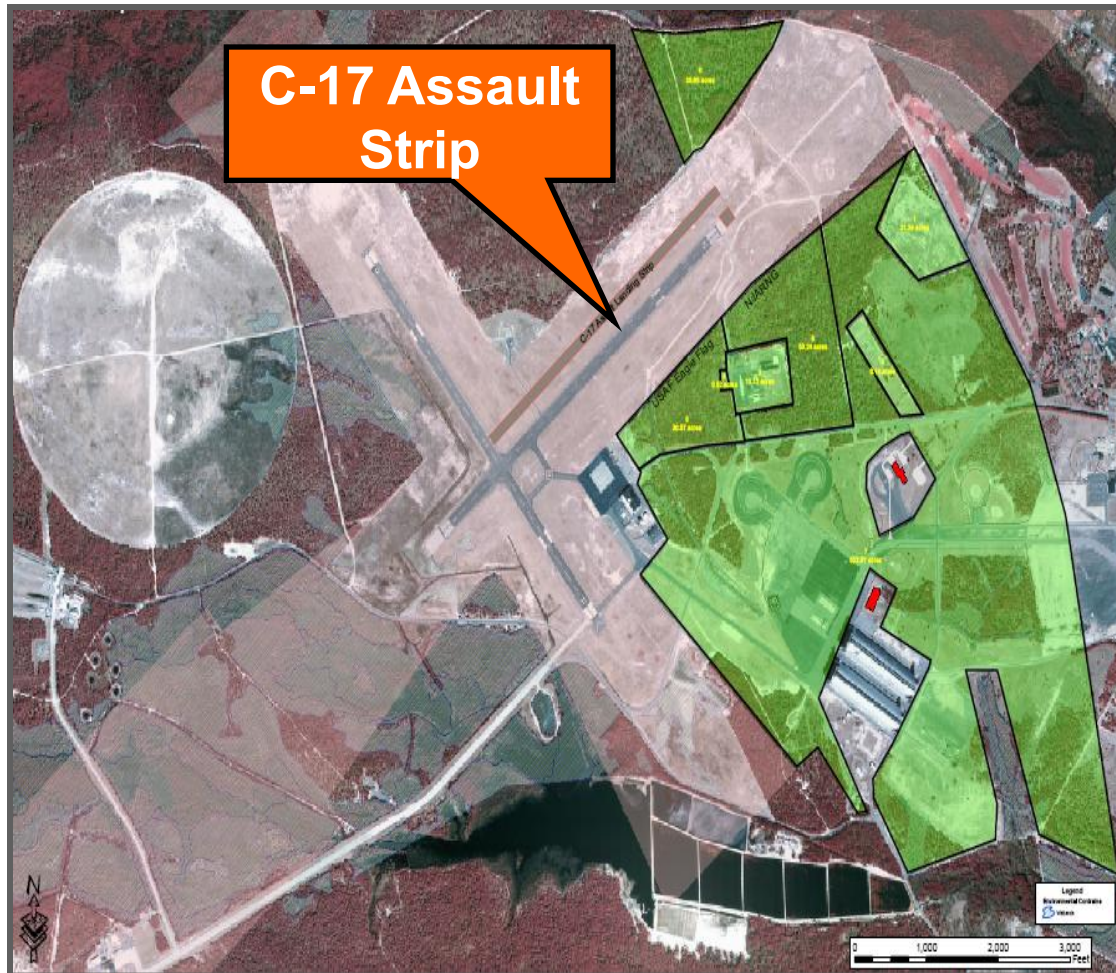


- FORSCOM Power Generation Platform
- Primary North East Reserve Component Training Location
- Army, Army Res/NG, Navy, AF Combat Training
 - Contingency Operating Location (COL) — —Tger”
 - Urban Assault
 - Convoy Ops
 - Combat Supt
 - Detainee Ops

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Joint Base The Partners – Lakehurst



- **NAVAIR Aircraft Launch and Recovery (ALRE)**
 - Design/Test Catapults, Arresting Gear, Flight Deck Landing Aids
- **CERDEC Flight Activity Capabilities:** provides sensor integration and test support on airborne platforms

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Joint Base The Partners – McGuire



- **Ground Combat Skills Training**
- **Rapid Airbase Opening**
- **Rapid Global Mobility**
 - **Airlift**
 - **Air Refueling**
- **Aerial Port Operations**
- **Weapons School**
- **Expeditionary Combat Support**
- **Installation Management**



Joint Base Vision



America's Premier Joint Warfighting Base!

USAF

- Rapid Global Mobility
- Expeditionary Combat Supt
- OEF Cargo
- Jt Base Lead

ARMY

- Mobilization Training Center
- Multi-service Training
- Range Training

NAVY

- Research Test/Eval
- NAVAIR Tech Training
- Launch & Recovery Production

Installation Support Functions



87th Air Base Wing

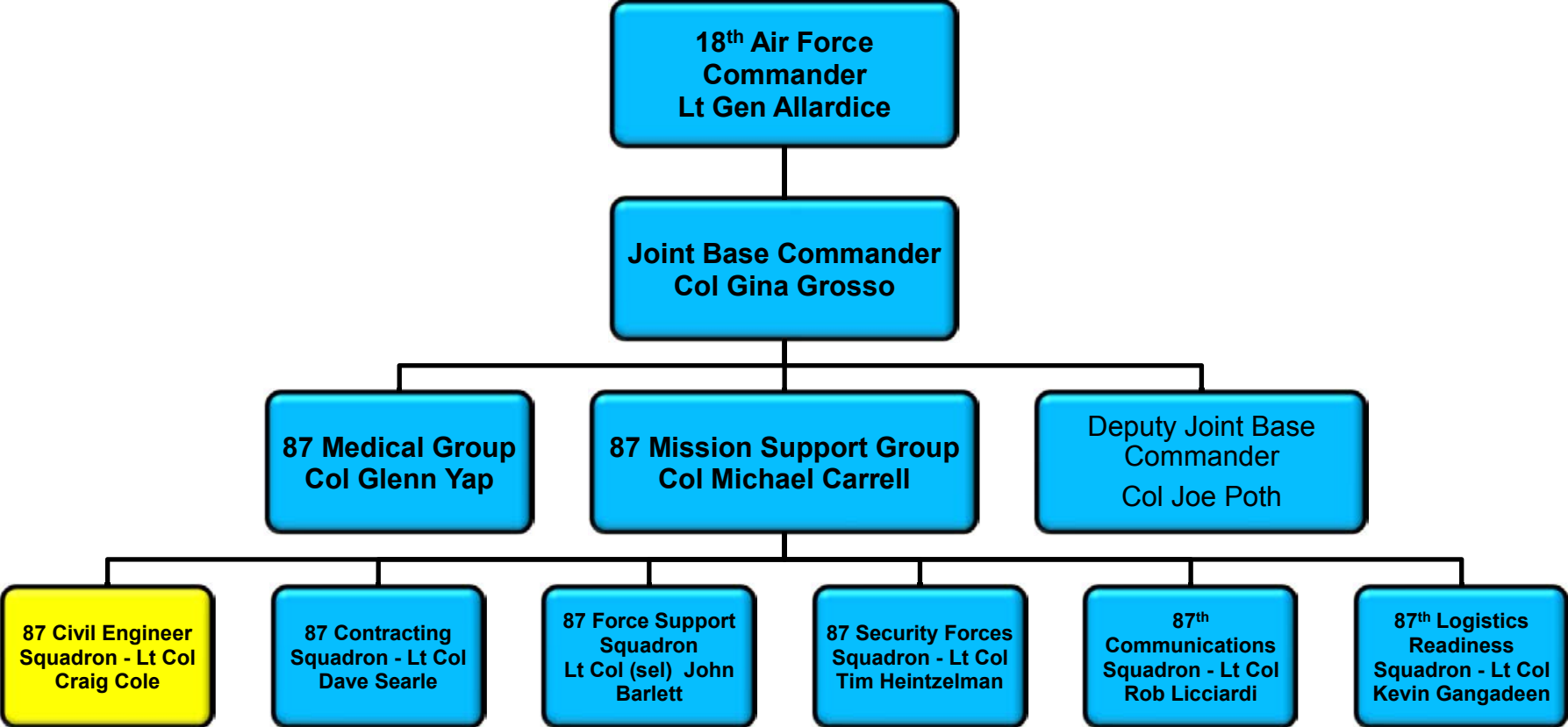


Joint Base McGuire – Dix - Lakehurst

Organization Chart



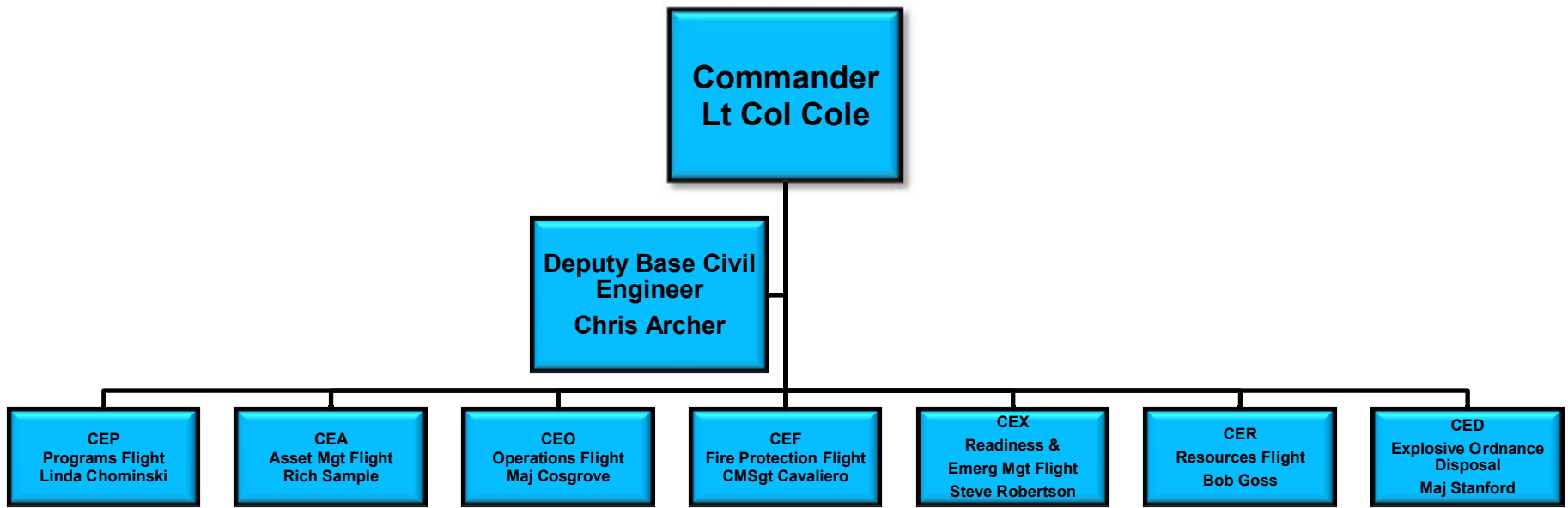
Joint Base Organization



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87 Civil Engineer Squadron





87th Air Base Wing



Joint Base McGuire – Dix - Lakehurst

Facility Requirements



FY11-15 Installation Support MILCON Projects



PRI	Prev PRI	PROJECT #	PROJECT TITLE
1	1M	PTFL063000	BASE OPS / USAF COMMAND POST FACILITY
2	2M	PTFL063028	WARFIGHTER AND FAMILY SUPPORT CENTER
3	3M	PTFL023003	MUNITIONS STORAGE AREA
4	1D	65596 PTFL103001	PHYSICAL FITNESS FACILITY
5	4M	PTFL9730091	ELECTRICAL DISTRIBUTION SYSTEM, PHASE II
6	2L	NAVY P-254	COMMERCIAL GATE SECURITY IMPROVEMENTS
7	5M	PTFL083006P1	AERIAL PORT COMPLEX CONSOLIDATED ADMINISTRATION FACILITY
8	XD	PTFL103002	FIRE STATION (DIX RANGE AREA)
9	6M	PTFL993010	EDUCATION & PROFESSIONAL DEVELOPMENT CENTER
10	7M	PTFL053001MW	AIR MOBILITY WING HEADQUARTERS FACILITY



A/E Design Requirements



REQ ORG	PRI	PROJECT #	PROJECT TITLE
JB	1	PTFL061604	UPDATE JOINT BASE GENERAL PLAN
Lakehurst	2		REPAIR HANGAR #1
305 MXG	3	PTFL091600	RELOCATION STUDY, DE-ICING FAC/LRS (APS CDP)
305 OG	4	PTFL081602	PROFESSIONAL SVCS, BLDG ENVELOPE SURVEYS B1605 & B1828
Lakehurst	5		REPAIR BLDG 5
Lakehurst	6		REPAIR BLDG 88



A/E Design Requirements Continued



REQ ORG	PRI	PROJECT #	PROJECT TITLE
LAKEHURST	7		REPAIR BLDG 120
87 ABW	8	PTFL091604	PROF SVCS; PROVIDE BASEWIDE WINDOW BLAST PROTECT SURVEY
87 ABW	9	PTFL021037	ATFP - REPAIR WINDOWS FOR BLAST PROTECTION, MULTI FCLTY
87 MSG	10	PTFL091605	PROFESSIONAL SVCS; PROVIDE OCCUPANT UTILIZATION STUDY, 3101
87 MSG	11	PTFL091603	PROFESSIONAL SVCS; BASEWIDE PARKING LOT UTILIZATION STUDY



Sustainment, Restoration and Modernization



Anticipated Bogies

■ Sustainment -- Dix:	\$20M
■ Sustainment -- Lakehurst:	\$8M
■ SRM -- McGuire:	\$13M
■ TWCF -- McGuire Minor Const:	\$2M
■ TWCF -- McGuire M&R:	\$3.5M
■ JB-MDL Demolition Target:	\$1M



Proposed FY 10 (DIX) Sustainment Priority List



PRI	PROJ #	BLDG #	TITLE
1	E4000XX9P	WAT59	REPAIR POTABLE WATER DISTRIBUTION MAINS
2	E4000XX9P	5903	REPAIR WATER TOWER EXTERIOR
3	E4000XX9P	6969	REPAIR WATER TOWER EXTERIOR
4	E4000XX9P	4376	REPAIR TWWTF LOW LIFT PUMP #3
5	E4000XX9P	SAN60	REPAIR SANITARY SEWER SYSTEM
6	E4000118P	9918	REPAIR BRINDLE LAKE DAM
8	E4000068P	5523	REPAIR ROOF
9	E40000X9P	5250	REPAIR ROOF
10	E4002857P	8536	REPAIR ASP BUNKER ROOFS



Proposed FY 10 (DIX) Sustainment Priority List



PRI	PROJ #	BLDG #	TITLE
13	EC055079P	5900	REPAIR BUILDING INTERIOR FLOORING; (BLDG 5911, 5912, 5913, 5989, 5990, 5991, 5992)
14	EC055XX9P	5600	REPAIR BUILDING INTERIOR FLOORING; (BLDG 5602, 5603, 5606, 5611, 5612)
15	DR000118P	5240	REPAIR BUILDING INTERIOR (FLOORING)
16	E4000968P	TENAV	REPAIR TENNESSEE AVENUE (ALABAMA - NASHVILLE)
17	E4000918P	RANRD	REPAIR RANGE ROAD (TO 1ST BRIDGE PAST MID-STATE)
18	E4000XX9P	TEXAV	REPAIR TEXA AVE (WRIGHTSTOWN CIRCLE TO CHECKPOINT 9)
20	JOC000057P	FN081	CONSTRUCT BYPASS ROAD FOR 8000 AREA
25	E4000XX9P	WAT60	REPAIR POTABLE WATER DISTRIBUTION MAINS



Proposed FY 10 (DIX) Restoration & Modernization



PRI	PROJ #	BLDG #	TITLE
7	PN7XXXX	5501	REPAIR BARRACKS INTERIOR
11	E4000XX9P	5506	REPAIR HVAC, WINDOWS, HALLWAYS
12	E4000XX9P	5507	REPAIR HVAC, WINDOWS, HALLWAYS
19	PN72892	5250	REPAIR UTILITY SYSTEMS & EXTERIOR (WALSON)
21	PN60012	5431	REPAIR SLEEPING ROOMS FOR UPH (KITCHENETTES)
22	E4000XX10P	5523	REPAIR INTERIOR/EXTERIOR
23	EQ500588P	5501/5509	CONSTRUCT PARKING LOT (BLDG 5501/5509) (PRI #1)
24	EQ500598P	6700 area	CONSTRUCT PARKING LOT (6700 MAINT AREA @ ALABAMA & 14TH ST) (PRI #4)



FY10 Sustainment Project List (Lakehurst)



PRI	PROJECT #	BLDG #	PROJECT TITLE
1	83-07-528	1	REPLACE BOILERS NORTH LEAN
2	83-09-020	1	REPAIR BATHROOMS (ADA COMPLIANCE) HANGER #1 CLASSROOMS
3		120	EXTERIOR REPAIRS
4		123	RESURFACE GYM FLOOR
5		194	HANGER 5 & 6 STRUCTURAL INVESTIGATION PHASE III
6	834-06-013	197	UPGRADE LIFT STATION
7	834-03-022	313	ROOF AND WALL REPAIRS, COMMUNITER BUILDING
8	834-05-041	362	BOILER AND CONDENSATE REPAIRS, STEAM PLANT
9	834-06-011	362	REPLACE HIGH PRESSURE STEAM BOILER ECONOMIZER
10	834-06-012	362	UPGRADE HIGH PRESSURE PIPING AND VALVES, STEAM PLANT



FY10 Sustainment Project List (Lakehurst)



PRI	PROJECT #	BLDG #	PROJECT TITLE
11	BH-06-510a	481	REPAIR HVAC SYSTEM, BARRACKS ROOMS
12		485	MASONRY REPAIRS, FLIGHT DESK CONFERENCE ROOM
13		629	REPLACE ROOF SEABEES SHOP
14	834-05-049	ELECT	REPLACE LEAD CABLE AND TRANSFORMER AT MANHOLE MH136
15		GATE	INSTALL TEMPORARY INSPECTION SHELTER, COMMERCIAL GATE
16		GATE	REPLACE BASE SIGN AT MAIN GATE
17		GROUNDS	SIDEWALK CONSTRUCTION PHASE I
18		PARKING	PAVE GRAVEL PARKING LOT AT BLDG 120



FY 12 Sustainment Project List (Lakehurst)



PRI	PROJECT #	BLDG #	PROJECT TITLE
35	834-07-009	362	REPLACE CLEAR WATER TANK PIPING AT STEAM PLANT
36	834-07-011	362	UPGRADE CONTROL AIR & HP STEAM CONTROLS, STEAM PLANT
37		AIRFIELD	PAVEMENT REPAIRS, AIRCRAFT PARKING APRON #2
38		FIRE ALARM	REPLACE BASEWIDE FIRE ALARM SYSTEM & RELOCATE CENTRAL DISPATCH TO FIREHOUSE
39		DEMO	REMOVE (FORMER) TRAILER PARK FENCES AND ROADS
40		ELECTRIC	REPLACE LEAD CABLES, VARIOUS LOCATIONS
41		GROUNDS	CONSTRUCT SIDEWALK PHASE II
42		GROUNDS	CONSTRUCT FITNESS TRAIL



FY10 SRM

List Continued (McGuire)



REQ ORG	Mar 09 FB PRI	PROJECT #	PROJECT TITLE
87 MSG	20	PTFL091010	REPAIR CHW PIPING & MOLD/WATER DAMAGE, 87 CONS, B2402
305 OG	21	PTFL09120302	IDC JOINT SEAL AND REPAIR CONCRETE APRON S/R
87 MSG	22	PTFL071091	REPAIR GUTTERS & DOWNSPOUTS, DORMS/VQ 2600 AREA
87 MSG	23	PTFL091048	INSTALL ELECTRIC AIR SOURCE HEAT PUMP, B3104, CES
621 CRW	NULL	PTFL091053	SECURITY FORCES MOBILITY STORAGE, GRDC COMPLEX
87 MSG	24	PTFL091047	REPAIR BUILDING ENVELOPE B3104, CES



FY10 SRM

List Continued (McGuire)



REQ ORG	Mar 09 FB PRI	PROJECT #	PROJECT TITLE
87 MSG	25	PTFL081086	REPLACE AST - BASE RECYCLING CENTER, B2310 R/M
305 MXG	NULL	PTFL091027	APS COMPLEX SECURITY FENCE
305 MXG	26	PTFL081068	MINOR REPAIRS TO HANGAR 1801
305 OG	NULL	PTFL091052	INSTALL BOILER, BASE OPERATIONS, B1730
305 OG	NULL	PTFL091051	ATFP - REPAIR PARKING BLDGS 1730, 1731 & 1738
87 MSG	27	PTFL091015	Install Photovoltaic Power System, Bldg. 3104
87 MSG	28	PTFL091008	Repair Photovoltaic Power System, Dining Hall, Bldg. 2635
87 MSG	29	PTFL091058	Replace Base Exchange HVAC



FY10 Demolition Straddle List



REQ ORG	MAR 09 FB PRI	PROJECT #	PROJECT TITLE	FY
305 OG	1	PTFL091043	DEMOLISH AIRFIELD PAVEMENT NEAR NW LIMA TAXIWAY	2010
87 MSG	2	PTFL081085	DEMOLISH FACILITY 2618	2010
87 MSG	3	PTFL081008	DEMO BE COVERED STORAGE FCLTY, B3449	2010
87 MSG	4	PTFL071051	DEMOLISH DORM (VAQ) B2609	2010
87 MSG	5	PTFL081005	DEMO POWER CHECK PAD, FAC 1925	2010
305 MXG	6	PTFL021068	DEMO BASE SUPPLY & EQUIP WAREHOUSE, B1827	2010
87 MSG	7	PTFL081006	DEMO BSE HAZARD STOR FCLTY, B3424	2010
87 MSG	8	PTFL081059	DEMOLISH DORMITORY 2611	2010



87th Air Base Wing



Joint Base McGuire – Dix - Lakehurst

Energy



McGuire: Energy Neutral by 2015?



- Key Air Mobility Command airbase on East Coast
- Designated one of two AF —ModeEnergy Bases”
- Set the ambitious goal to be —off the grid” by 2015
- Can we do it given:
 - Historically the USAF is an energy consumer, not producer?
 - Geographic location?
 - Abundance of old, inefficient legacy infrastructure?
 - Limited resources?





87th Air Base Wing



Joint Base McGuire – Dix - Lakehurst

Contracting Opportunities



Contract Opportunities



- **Contract opportunities are —posed” on the Web**
 - Federal Business Opportunities (FedBizOpps)
- **Includes a synopsis of the requirement**
- **Download Bid Packages (Solicitation)**
- **Synopsis of Award**
- **Sources Sought Notices**

www.fbo.gov

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Federal Business Opportunities (FEDBIZOPPS)



INFOCON: 3 UNCLASSIFIED FPCON: Alpha

Home - Federal Business Opportunities: Home - Microsoft Internet Explorer provided by USAF

https://www.fbo.gov/index?cck=1&au=&cck=

Home - Federal Business Opportunities: Home

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Business Opportunities

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Search more than **31,100*** active federal opportunities.

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Keyword / Solicitation #: Agency:

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* Notices posted within the last 90 days.

[Important information for Federal contractors and subcontractors regarding the Association of Community Organizations for Reform Now \(ACORN\)](#)

Buyers / Engineers

Government users may post, manage, and award opportunities.

Username: [View Opportunities](#)
No login is required to view opportunities.

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Internet 100%

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Unique Needs For Construction



■ Contracts >\$100,000 (Miller Act)

- **Performance and Payment Bonds Mandatory**

- ◆ 100% of the original contract price
- ◆ Additional bonding required if contract price increases

■ Contracts from \$30,000 - \$100,000

- Two of the following payment protection required:
- Payment bond; irrevocable letter of credit (ILC); tripartite escrow agreement; or certificate of deposit

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Questions



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