

WHITEMAN AIR FORCE BASE ECONOMIC IMPACT REPORT



FISCAL YEAR 2017

A WORD FROM THE COMMANDER



The purpose of this Economic Impact Report is to present Whiteman Air Force Base's impact on the local economy during fiscal year 2017. The economic impact is derived from personnel, payroll, and expenditures generated from the base. Inside you will find a brief executive summary, a map outlining the economic impact region, force structure with program information, and finally, the economic impact model.

This year's report is similar in design to last year's in order to provide continuity for comparison purposes. Due to the high interest taxpayers have in the economic impact of military bases, the Office of the Secretary of Defense contracted with the Logistics Management Institute to establish a methodology to calculate economic impact. Our fiscal year 2017 report reflects this methodology.

The men and women of the 509th Bomb Wing, 442d Fighter Wing (Air Force Reserve), 131st Bomb Wing (Air National Guard), 1-135th Assault Helicopter Battalion (Army National Guard), and the 20th Attack Squadron are proud defenders of our nation. The communities around us have been, and will continue to be, an integral part of our success. Your strong support for Team Whiteman is widely known, and we who benefit certainly appreciate all you do to sustain our relationship to the community.

The Financial Analysis Office is grateful to the many people and organizations that contributed to this report. If you have any questions or recommendations for future publications, or would like additional copies, please call the Financial Analysis Office at (660) 687-4736 or DSN 975-4736.

JOHN J. NICHOLS
Brigadier General, USAF
Commander, 509th Bomb Wing

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EXECUTIVE SUMMARY

BASE EMPLOYMENT

ACTIVE DUTY MILITARY	3,827
RESERVE/AIR & ARMY NATIONAL GUARD	1,869
APPROPRIATED AND OTHER CIVILIAN	1,943

TOTAL BASE EMPLOYMENT **7,639**

BASE PAYROLL

ACTIVE DUTY MILITARY	\$ 234,553,474
RESERVE/AIR & ARMY NATIONAL GUARD	\$ 29,573,810
APPROPRIATED FUND CIVILIAN	\$ 71,929,412
OTHER CIVILIANS	\$ 17,858,827

TOTAL PAYROLL **\$353,915,524**

ANNUAL RETIREE PAYROLL **\$ 87,556,031**

TOTAL ANNUAL BASE EXPENDITURES **\$ 116,690,060**

ESTIMATED ANNUAL VALUE OF JOBS CREATED **\$ 107,009,132**

**ESTIMATED TOTAL IMPACT WITHIN ECONOMIC
IMPACT REGION** **\$ 665,170,747**

ECONOMIC IMPACT REGION



- THE ECONOMIC IMPACT REGION (EIR) IS DEFINED AS THE AREA WITHIN A 50-MILE RADIUS OF AN INSTALLATION.
- THE EIR FOR WHITEMAN AIR FORCE BASE, MISSOURI, IS OUTLINED ON THE MAP.

FORCE STRUCTURE

<u>ACTIVITY</u>	<u>FORCE TYPE</u>	<u>NUMBER OF AIRCRAFT</u>	<u>FLYING HOURS</u>
509TH BOMB WING	B-2 BOMBER	20	6,464
394TH COMBAT TRAINING SQUADRON	T-38 COMPANION TRAINER	14	4,003
442D FIGHTER WING	A/OA-10 FIGHTER	27	6,783
MISSOURI ARMY NATIONAL GUARD	UH-60L HELICOPTER	10	2,154
TOTAL AIRCRAFT AND FLYING HOURS		71	19,404

SOURCE: 509 OG, 442D FW, MOANG

PROGRAM DATA BY ORGANIZATION**509TH CONTRACTING SQUADRON***DOLLARS AWARDED*

SMALL BUSINESS	\$	17,101,383
LARGE BUSINESS	\$	5,285,743
SMALL DISADVANTAGED	\$	12,888,218
NON-PROFIT BUSINESS	\$	2,825,267
OTHER	\$	270,937
FY 17 TOTAL	\$	38,371,548

OF THE ABOVE AWARDS:

\$7,902,125 WAS AWARDED TO WOMEN-OWNED BUSINESSES

LOCAL AREA	\$	5,763,368
KANSAS CITY, MO	\$	6,757,490
OTHER MISSOURI	\$	2,179,294
OUTSIDE MISSOURI	\$	23,671,395
FY 17 TOTAL	\$	38,371,548

509TH FORCE SUPPORT SQUADRONTDY EXPENDITURES IN ECONOMIC
IMPACT REGION (OFF BASE)NIGHTS BILLETED
(OFF-BASE)DOLLARS
EXPENDED

OFFICER *	1,282	\$ 98,714
CIVILIAN*	591	\$ 45,507
ENLISTED*	7,985	\$ 614,845
TOTAL	9,858	\$ 759,066

* AVERAGE COST \$77.00 PER NIGHT

131 BW CONTRACT QUARTERS TOTAL** (**AVERAGE COST \$91.50 PER NIGHT)	1,632	\$ 155,579
442 FW CONTRACT QUARTERS TOTAL*** (***AVERAGE COST \$91.50 PER NIGHT)	3,408	\$ 311,832
131ST & 442ND FY 17 TOTAL	5,040	\$ 467,411

PROGRAM DATA BY ORGANIZATION

509TH FORCE SUPPORT SQUADRON CONT'D

ENROLLMENT FOR STUDENT OFF-DUTY EDUCATION

	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>
VOCATIONAL	0	89	0	89
UNDERGRADUATE	0	2,707	0	2,707
GRADUATE	126	220	0	346
STUDENT TOTAL	158	3,105	0	3,142

FY 17 FEDERAL EDUCATION IMPACT AID	\$3,367,361
FY 17 ACTIVE DUTY TUITION ASSISTANCE	<u>\$2,014,417</u>
TOTAL	\$5,381,779

COMMUNITY SERVICE

BLOOD DONORS (PINTS DONATED)	137
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WHITEMAN AFB VOLUNTEERS THAT DONATED BLOOD	179
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CONTRIBUTIONS

COMBINED FEDERAL CAMPAIGN	\$ 58,321
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AIR FORCE AID CONTRIBUTIONS

LOANS	\$ 131,002
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GRANTS	\$ 17,625
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EDUCATION (SPOUSES/CHILDREN OF ACTIVE DUTY PERSONNEL)	\$ 26,307
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TOTAL	\$ 233,255
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PROGRAM DATA BY ORGANIZATION

509TH CIVIL ENGINEER SQUADRON

REAL PROPERTY MAINTENANCE

ROADWAYS	635,832	SQ YDS
DRIVEWAYS	223,553	SQ YDS
SIDEWALKS	93,196	SQ YDS
PRIMARY DISTRIBUTION LINES OVERHEAD	24,123	LINEAR FT
SECONDARY DISTRIBUTION LINES OVERHEAD	435,517	LINEAR FT
PRIMARY DISTRIBUTION LINES UNDERGROUND	2,953,258	LINEAR FT
SECONDARY DISTRIBUTION LINES UNDERGROUND	228,556	LINEAR FT
STEAM HEAT MAINS UNDERGROUND	357,744	LINEAR FT
STEAM HEAT MAINS OVERHEAD	40,896	LINEAR FT
WATER DISTRIBUTION MAINS	322,040	LINEAR FT
WATER SUPPLY MAINS NON-POTABLE	34,236	LINEAR FT
WATER TANK STORAGE	1,250	K GAL
STORM DRAINAGE DISPOSAL	403,491	LINEAR FT
SANITATION SEWER MAIN	199,953	LINEAR FT
EXTERIOR AREA LIGHTING	3,108	EACH
FIRE PROTECTION WATER MAIN	21,750	LINEAR FT

UTILITIES CONSUMED

COMMERCIAL POWER	85,467,151	KWH
WATER	180,461,400	GAL
NATURAL GAS	319,645	MBTU

509TH LOGISTICS READINESS SQUADRON

NUMBER OF DO-IT-YOURSELF MOVES	602
OUT-BOUND HOUSEHOLD GOODS (NUMBER OF SHIPMENTS)	1,080
SURFACE FREIGHT IN/OUT (NUMBER OF SHIPMENTS)	28,458

SOURCE: CES, LRS

CAPITAL ASSETS

LAND

WHITEMAN (ACRES)

FEE OWNED	4,948
EASEMENT	256
LEASED	362

TOTAL ACRES

5,566

RUNWAY/OTHER REAL PROPERTY

RUNWAY (NORTH/SOUTH) 276,195 SQ YD

PAVED OVERRUNS (1,000 EACH END) 44,241 SQ YD
PAVED ROADS 34 MILES



BUILDINGS

NUMBER

SQ FT

INDUSTRIAL	230	2,421,367
ADMINISTRATION	68	1,061,820
ADMINISTRATION (NON AIR FORCE)	2	3,490
COMMISSARY	1	60,732
BASE EXCHANGE	1	61,382
RECREATION	31	264,719
HOSPITAL	4	104,839

TOTAL BUILDINGS AND SQ FT

337

3,978,349

MILITARY FAMILY HOUSING

	2-BR	3-BR	4-BR	TOTAL
OFFICER	22	52	30	104
ENLISTED	329	311	146	786
TOTAL	351	363	176	890



LIVING QUARTERS

UNITS

BED CAPACITY

NCO/AIRMAN QUARTERS	5	626
VISITING OFFICER QUARTERS	5	126
TEMPORARY LODGING FACILITIES	6	32
TOTAL	16	784

SOURCE: CES, FSS

CAPITAL ASSETS (CONT'D)

VEHICLES

OWNED	594
LEASED	51
VEHICLE TOTAL	645

FLEET ASSET VALUE	\$58,661,670
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VALUE OF CAPITAL ASSETS

REAL PROPERTY

BUILDINGS	\$ 2,994,214,170
LAND	\$ 14,844,000
OTHER REAL PROPERTY	\$ 518,142,397

FY 17 TOTAL VALUE	\$ 3,527,200,567
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EQUIPMENT

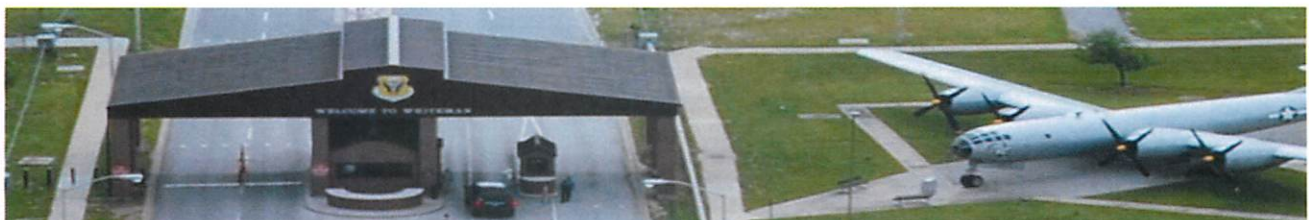
APPROPRIATED FUND	\$ 264,858,122
NONAPPROPRIATED FUND (NAF)	\$ 15,324,058

FY 17 EQUIPMENT TOTAL VALUE	\$ 280,182,180
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INVENTORIES

STOCK FUNDS	\$ 915,152,747
SALES OUTLETS	
BASE EXCHANGE	\$ 3,169,684
COMMISSARY	\$ 15,033,014
NAF ACTIVITIES	\$ 89,937

FY 17 INVENTORY TOTAL VALUE	\$ 933,445,382
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SOURCE: CES, LRS, DECA, AAFES, NAF

TABLE 1

PERSONNEL BY CLASSIFICATION AND HOUSING LOCATION

CLASSIFICATION

1. APPROPRIATED FUND MILITARY

	ON BASE	OFF BASE	TOTAL
ACTIVE DUTY	1,596	2,231	3,827
RESERVE/AIR NATIONAL GUARD/ARMY NATIONAL GUARD	3	277	280
NON-EXTENDED ACTIVE DUTY RESERVE/ARNG	16	1,573	1,589
TOTAL:	1,615	4,081	5,696

2. MILITARY DEPENDENTS/FAMILY MEMBERS	1,970	3,012	4,982
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3. APPROPRIATED FUND CIVILIAN	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MISSOURI ARMY NATIONAL GUARD	3	0	0
COMMISSARY	29	14	43
BASE	211	95	306
CORPS OF ENGINEERS	9	0	9
131ST BOMB WING	247	0	247
442D FIGHTER WING	92	152	244
TOTAL	591	261	852

4. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF	166
CIVILIAN BASE EXCHANGE	81
CONTRACT CIVILIANS	675
PRIVATE BUSINESS ON BASE	
BRANCH BANKS	3
WHITEMAN ELEMENTARY SCHOOL	62
NORTHROP	104
TOTAL:	1,091

TOTAL CIVILIANS:	1,943
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TOTAL PERSONNEL:	12,621
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SOURCE: FSS, CONS, NAF, AAFES, UMB, 442D FW, 131ST BW, MOANG, NORTHROP, KNOB NOSTER ELEMENTARY SCHOOL, COE, DECA

TABLE 2

ANNUAL PAYROLL BY CLASSIFICATION AND HOUSING LOCATION

CLASSIFICATION

1. APPROPRIATED FUND MILITARY

ACTIVE DUTY		\$234,553,474
ANG/RESERVE		\$ 4,853,436
NON-EXTENDED ACTIVE DUTY RESERVE		<u>\$ 24,720,375</u>
TOTAL:		\$264,127,285

2. APPROPRIATED FUND CIVILIAN

	GENERAL SCHEDULE	FEDERAL WAGE BOARD	TOTAL
MO ARMY NATIONAL GUARD	\$ 108,000	\$ 0	\$ 108,000
COMMISSARY	\$ 1,470,328	\$ 724,190	\$ 2,194,518
BASE	\$ 16,098,706	\$ 6,544,971	\$ 22,643,677
CORPS OF ENGINEERS	\$ 690,460	\$ 0	\$ 690,460
131ST BOMB WING	\$ 20,831,846	\$ 0	\$ 20,831,846
442D FIGHTER WING	<u>\$ 8,874,951</u>	<u>\$ 16,585,960</u>	<u>\$ 25,460,911</u>
TOTAL	\$ 48,074,291	\$ 23,855,121	\$ 71,929,412

3. NONAPPROPRIATED FUND, CONTRACT CIVILIANS AND PRIVATE BUSINESS

CIVILIAN NAF		\$ 4,317,184
CIVILIAN BASE EXCHANGE		\$ 1,620,000
PRIVATE BUSINESS ON BASE		<u>\$ 11,921,643</u>
TOTAL:		\$ 17,858,827

TOTAL ANNUAL PAYROLL: \$353,915,524

SOURCE: FSS, CPTS/FMA, AAFES, UMB, 442D FW, 131ST BW, MOANG, NORTHROP, KNOB NOSTER
ELEMENTARY SCHOOL, NAF, COE, DECA

TABLE 3

**EXPENDITURES FOR CONSTRUCTION, SERVICES AND
PROCUREMENT OF MATERIALS, EQUIPMENT AND
SUPPLIES**

(NOT INCLUDING CONTRACTS FOR SERVICES SUPPLIED TO OTHER AIR FORCE
INSTALLATIONS)

	ACTUAL ANNUAL EXPENDITURES
1. CONSTRUCTION	
MILITARY CONSTRUCTION PROGRAM	\$ 16,587,310
NON-APPROPRIATED FUND	\$ 10,705
MILITARY FAMILY HOUSING	\$ 0
O&M	\$ 24,818,000
OTHER	\$ 0
	TOTAL: \$ 41,416,015
2. SERVICES	
UTILITIES	\$ 6,157,158
SERVICES CONTRACTS *	\$ 13,090,960
OTHER SERVICES (NOT ELSEWHERE INCLUDED)	\$ 722,906
	TOTAL: \$ 19,971,024
3. MATERIALS, EQUIPMENT AND SUPPLIES PROCUREMENT	
COMMISSARY	\$ 1,302,900
BASE EXCHANGE (BX)	\$ 887,194
HEALTH (SUPPLEMENTAL AND COOPERATIVE CARE)	\$ 34,019,000
EDUCATION (IMPACT AID AND TUITION ASSISTANCE)	\$ 5,381,779
TDY	\$ 461,160
OTHER MATERIALS & SUPPLIES (NOT ELSEWHERE INCLUDED)	\$ 13,250,988
	TOTAL: \$ 55,303,021
TOTAL ANNUAL EXPENDITURES:	\$ 116,690,060

*INCLUDES ONLY CONTRACTS IN THE LOCAL ECONOMIC AREA OR CONTRACTS REQUIRING
THE USE OF LOCALLY SUPPLIED GOODS AND SERVICES.

SOURCE: CES, CONS, COMM, COE, DECA, AAFES, MDG, FSS, 442d FW, 131st BW, MOANG.

TABLE 4**ESTIMATE OF NUMBER AND DOLLAR VALUE OF
INDIRECT JOBS CREATED**

1. TYPE OF PERSONNEL	# OF BASE JOBS	MULTIPLIER	# OF INDIRECT JOBS
MILITARY ACTIVE DUTY	3,827	0.29	1,110
RESERVE/ANG	1,869	0.13	243
DoD CIVILIANS	852	0.43	366
OTHER CIVILIANS	<u>1,091</u>	<u>0.43</u>	<u>469</u>
TOTAL:	7,639		2,188
2. AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY:			\$48,901

**ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$107,009,132

TABLE 5**TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE**

1. ANNUAL PAYROLL:

MILITARY	\$264,127,285
FEDERAL CIVILIAN	\$ 71,929,412
OTHER CIVILIAN	<u>\$ 17,858,827</u>
TOTAL PAYROLL:	\$353,915,524

2. ANNUAL EXPENDITURES: \$116,690,060

3. ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED:

AVERAGE ANNUAL PAY	\$48,901
ESTIMATED INDIRECT JOBS CREATED	<u>X 2,188</u>
TOTAL JOB VALUE	\$107,009,132
OVERALL TOTAL:	\$ 577,614,716
TOTAL IMPACT INCLUDING RETIREE PAYROLL:	\$ 665,170,747

SOURCE: BUREAU OF LABOR STATISTICS

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

COMMUNITIES WITHIN 50 MILES WHERE AIR FORCE MILITARY RETIREES LIVE

<u>ZIP CODE</u>	<u>CITY</u>	<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
64014/5	BLUE SPRINGS	47	912,000
64016	BUCKNER	4	108,000
64019	CENTERVIEW	33	720,000
64020	CONCORDIA	16	408,000
64021	CORDER	1	12,000
64029	GRAIN VALLEY	34	744,000
64034	GREENWOOD	18	444,000
64035	HARDIN	4	72,000
64036	HENRIETTA	1	17,637
64037	HIGGINSVILLE	17	362,716
64040	HOLDEN	41	1,128,000
64061	KINGSVILLE	8	228,000
64067	LEXINGTON	12	312,000
64070	LONE JACK	8	228,000
64071	MAYVIEW	3	34,007
64074	NAPOLEON	1	28,868
64075	OAK GROVE	33	732,000
64076	ODESSA	18	402,468
64080	PLEASANT HILL	33	732,000
64081/6	LEES SUMMIT	56	1,764,000
64085	RICHMOND	9	180,000
64093	WARRENSBURG	716	18,936,000
64097	WELLINGTON	2	48,000
64701	HARRISONVILLE	36	696,000
64733	CHILHOWEE	16	456,000
64735	CLINTON	42	900,000
64761	LEETON	29	624,000
65081	TIPTON	7	180,000
65084	VERSAILLES	8	204,000
65301/2	SEDALIA	212	4,944,000
65305	WHITEMAN AFB	27	360,000

CONT. ON NEXT PAGE

DATA SOURCE: OFFICE OF ACTUARY

DISTRIBUTION OF RETIREE PERSONNEL AND ANNUAL PAYROLL

<u>ZIP CODE</u>	<u>CITY</u>	<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
65321	BLACKBURN	2	36,000
65323	CALHOUN	3	72,000
65325	COLE CAMP	20	432,000
65326	EDWARDS	8	144,000
65330	GILLIAM	1	0
65332	GREEN RIDGE	15	360,000
65333	HOUSTONIA	1	24,000
65334	HUGHSVILLE	3	84,000
65335	IONIA	1	24,000
65336	KNOB NOSTER	458	10,719,474
65337	LA MONTE	31	600,172
65338	LINCOLN	11	216,000
65339	MALTA BEND	2	58,491
65340	MARSHALL	22	480,000
65347	NELSON	0	0
65348	OTTERVILLE	9	134,228
65349	SLATER	3	30,268
65350	SMITHTON	5	85,137
65351	SWEET SPRINGS	7	144,000
65354	SYRACUSE	2	96,564
65355	WARSAW	66	1,656,000
65360	WINDSOR	86	1,872,000
TOTAL		2,248	54,078,031

COMMUNITIES WITHIN 50 MILES WHERE MILITARY RETIREES FROM OTHER SERVICES LIVE

		<u># OF RETIREES</u>	<u>ANNUAL PAYROLL</u>
ALL ZIP CODES	U.S. ARMY	973	18,938
ALL ZIP CODES	U.S. NAVY	431	9,758
ALL ZIP CODES	U.S. MARINES	174	4,782
ALL ZIP CODES	U.S. COAST GUARD	27	(PAID BY DHS)
TOTAL		1,569	33,478,000
TOTAL FOR ALL SERVICES		3,817	87,556,031

WHITEMAN AFB FUTURE PLANS

FY 2018 FUTURE PROJECTIONS INCLUDE THE FOLLOWING:

- CONSTRUCT FSS ANNEX, \$2,500,000
- ELIMINATE FLOODING NE CORNER OF WSA, \$1,800,000
- RENOVATE 442D MEDICAL SQUADRON 1ST & 2ND FLOORS, \$2,320,000
- RENOVATE 442D SERVICES AND COMMUNICATIONS FLIGHTS, \$1,500,000
- REPAIR ELECTRICAL DEFICIENCIES, B4050, \$950,000
- REPAIR NORTH RAMP SLABS, SOUTH END, \$4,000,000
- REPAIR FIRE SUPPRESSION IN BASE WAREHOUSE, B115, \$2,150,000
- REPAIR BUILDING 527 FOR AIRMAN & FAMILY READINESS, \$3,800,000

FY 2017 MAJOR PROJECTS INCLUDED:

- CONSTRUCT STORM PROTECTION, CDC, \$885,000
- CONSTRUCT CONSOLIDATED NUCLEAR AIR OPERATIONS SUPPORT FACILITY \$29,500,000
- REPAIR CATM BUILDING ENVELOPE, \$2,380,000
- REPAIR TAXILANE FOXTROT, \$5,060,000
- REPAIR BASE WATER LINES, \$1,426,000
- REPAIR FIRE ALARM PANELS, CE, PMEL FACILITY, B709, \$1,370,000
- UPGRADE ATLANTIS DORM, \$5,330,000

