GENERAL PLAN
ENVIRONMENTAL ASSESSMENT
Hurlburt Field

Hurlburt Field, Florida
October 2005

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FINDING OF NO SIGNIFICANT IMPACT (FONSI) AND FINDING OF NO PRACTICABLE ALTERNATIVE (FONPA) GENERAL PLAN ENVIRONMENTAL ASSESSMENT HURLBURT FIELD, FLORIDA

1.0 BACKGROUND

Hurlburt Field has developed and amended its General Plan as prescribed in Air Force Instruction 32-7062 (*Air Force Comprehensive Planning*). The General Plan is a summary of the overall Base Comprehensive Plan (BCP), which is made up of numerous component plans created through a lengthy process involving extensive outreach with stakeholders, detailed research, review of existing installation documents, development of plan alternatives, and selection and refinement of preferred planning concepts. The General Plan, allows the recommendations developed in the detailed BCP to be communicated in a more concise and user-friendly format. In addition, the General Plan incorporates individual area development plans. The Capital Improvements Program (CIP) in the General Plan identifies future development projects to meet mission requirements.

The National Environmental Policy Act (NEPA), the Council on Environmental Quality (CEQ) regulations implementing NEPA ((40 CFR 1500-1508); and Air Force Instruction 32-7061 (*Environmental Impact Analysis Process*) require Air Force installations to consider the environmental consequences of major proposed actions. The environmental assessment (EA) for Hurlburt's General Plan addresses a *selected* group of projects currently listed in the CIP that are projected to begin construction within the timeframe of fiscal years (FY) 06 through FY 11. However, projects currently programmed for FY 12 as well as several other out-year projects are also included since there is a high probability that the priority of some of these projects may change resulting in moving them into the next five FY range. The complete list of projects addressed in the EA is given in Attachment 1 at the end of this document.

The EA was prepared in conjunction with the on-going development of an environmental GIS database for Hurlburt Field. Beginning with the individual future projects covered under Sustainment, Restoration, and Modernization (SRM) and Military Construction (MILCON) funding sources listed in the CIP, a GIS database of individual projects was developed and combined with existing environmental data for Hurlburt Field. After completion of the base mapping process, GIS analysis tools were used to determine, where possible, quantifiable environmental impacts resulting in a detailed map for each project. For the purposes of analysis, the installation was divided into 11 previously identified storm water sub-basin areas. The cumulative impacts of proposed General Plan projects in each storm water sub-basin were determined and then combined with an end result of a base-wide environmental analysis. Purpose and need for each individual project addressed in the EA is provided in project-specific DD Forms 1391, which are contained in an appendix to the EA.

2.0 DESCRIPTION OF ALTERNATIVES

The EA analyzes two build alternatives and a No-Action Alternative for the identified CIP projects. The Preferred Alternative, or Alternative 1, would involve selecting and implementing the CIP projects programmed for funding and construction over FYs 06 to 11 in the locations and with the site configurations as indicated in the General Plan as amended. General project locations and footprints of Alternative 1 projects are shown in Figure 5 of the EA and are shown in detail in Section 5.0 of the EA. These projects were analyzed as one action. Alternative 2 would involve the same identical CIP projects, but would either locate these projects on sites not selected in the actual General Plan or would structurally configure the projects differently on or near the same sites as shown in Figure 6 of the EA and detailed in Section 5.0 of the EA. As with Alternative 1, Alternative 2 projects were analyzed as one action. The No-Action Alternative would not construct any of the projects detailed in the Hurlburt Field General Plan as amended.

Existing facilities would continue to be used, and the only improvements would be related to general maintenance and upkeep. Any new missions that are expected to beddown at Hurlburt would be required to find space within existing facilities. Independently funded projects would likely continue to be constructed, and may require a separate EA-level of environmental analysis. Planned or programmed demolitions would also likely take place; however, the number of demolitions would be fewer with the No-Action Alternative than for either Alternatives 1 or 2, as any demolitions associated with this alternative would not be tied to any future construction.

3.0 ENVIRONMENTAL CONSEQUENCES

As shown in Table 1; overall, Alternative 1 would result in significantly fewer environmental impacts than would Alternative 2, with the exception of permitted wetlands (actually not an impact as they are currently permitted by the U.S. Army Corps of Engineers), Installation Restoration Program (IRP) sites, and tree removals.

Table 1
Summary of Environmental Impacts of the Build Alternatives[1]

Resource Area	Alternative 1 (Preferred Alternative)	Alternative 2
Unpermitted Wetlands	0.75 Acre	28.09 Acres
Permitted Wetlands	12.05 Acres	0.0 Acres
Cultural Resources	0.0 Acres	0.09 Acre
Floodplains	8.40 Acres	29.64 Acres
Trees Removed	218	67
RTE Habitat	0.0 Acres	0.72 Acre
Q/D Arc	7.04 Acres	12.13 Acres
Within the AICUZ	37 Projects	40 Projects
Within a Storm Surge Area	Categories 1, 2, 3, 4, and 5	Categories 2, 3, 4, and 5
IRP	6.29 Acres	4.46 Acres
Hazardous Materials	14 Projects	15 Projects
Air Emission Permits	Hydrant Fueling System	Hydrant Fueling System
New Impervious Surface Area	87.52 Acres	95.58 Acres
Demolitions	27.45 Acres	21.87 Acres

[1]Other than several demolitions that would not be related to future construction projects, the No-Action Alternative would have no impacts on any of the listed resource/issue areas.

Alternative 1 projects would result in 87.52 total acres of new impervious surface area as opposed to 95.58 total acres of new impervious surface area created by Alternative 2 projects. There would be 27.45 acres of impervious surface removal through demolitions associated with Alternative 1 versus. 21.87 acres of impervious surface removal through demolitions associated with Alternative 2. As a result, there would be a net increase of 60.07 acres of new impervious surface area associated with Alternative 1 and a net increase of 73.71 acres of new impervious surface area associated with Alternative 2. Therefore, potential impacts on recharge of the shallow Sand and Gravel Aquifer as well as impacts to surface water quality are less with Alternative 1 than with Alternative 2.

Impacts to floodplains are much less with Alternative 1 (8.40 total acres) than with Alternative 2 (29.64 total acres). Unpermitted wetland impacts are also far less with Alternative 1 (0.75 acre) than with Alternative 2 (28.09 acres). The 3.13 acres of permitted wetland impacts from implementation of Alternative 1 indicated in the EA along with an additional 8.92 acres north of Hurlburt's east airfield apron (total of 12.05 acres) were previously permitted by the Army Corps of Engineers under an existing long-range permit. The 12.05 acres of permitted wetland impacts accommodate the actual operational footprints plus buffer areas of two large projects associated with future mission expansion—a helicopter landing pad and SOF CV-22 aircraft parking.

Endangered species habitat would not be impacted by Alternative 1, whereas approximately 0.72 acre of such habitat would be lost (perhaps only in the short-term) by Alternative 2. Cultural resource areas would not be affected by Alternative 1, while about 0.09 acre would be affected by Alternative 2.

In comparing IRP sites, Alternative 1 would affect slightly more area (6.29 acres) than Alternative 2 (4.46 acres). However, the importance of these IRP "impacts" will need to be assessed in coordination with the IRP program manager on an individual project basis since, in many cases, project footprints appear to only overlap buffer areas adjacent to IRP sites where any potential impacts would only be on current or future monitoring efforts and not on any future cleanup operations.

There are 7.04 total acres of Q/D arc impacts with Alternative 1 versus 12.13 total acres of impact with Alternative 2. However, most of the Q/D arc area impacts are either roadway-related or are related to aircraft parking for aircraft related to the Q/D arc-generating activities.

While AICUZ is not a major issue due to either the aircraft-related mission of the proposed project or the ability to soundproof new buildings as required, 37 Alternative 1 projects occur within the 65 db or higher contours while 40 Alternative 2 projects occur within these areas.

The removal of trees having minimum trunk diameters of 6 inches and shown on GIS mapping would be approximately three times as great with Alternative 1 (218 trees) compared to Alternative 2 (67 trees). However, the vast majority of trees impacted by either build alternative occur in developed areas of the installation, and the trees involved are not considered specimen trees.

Storm surge areas for the proposed projects under Alternative 1 would include categories 1 to 5 whereas Alternative 2 would include categories 2 to 5.

The issue area of hazardous materials/wastes and solid waste is similar between the build alternatives based on the number of projects, with 14 projects for Alternative 1 and 15 projects for Alternative 2. Lastly, in regard to projected air emissions, Alternatives 1 and 2 are equivalent in the need to examine projects for impacts on maintaining Hurlburt's status as a synthetic minor source. The proposed hydrant fueling system would be of particular importance in this regard.

In summary, Alternative 1 (Preferred Alternative) projects, which comprises project sites and facility configurations as detailed in the Hurlburt Field General Plan as amended is both the environmentally and operationally preferred action alternative. In addition, Alternative 1 best meets the criteria of NEPA Section 101.

The No-Action Alternative would have minimal impacts on any of the resource/issue areas analyzed. However, this alternative would not meet the purpose and need of adequately providing for projected changes to existing and addition of new missions on Hurlburt Field.

4.0 Finding of No Practicable Alternative

Executive Order 11990, Wetlands Management, requires all Federal actions to minimize and avoid impacts to wetlands, while Executive Order 11988, Floodplain Management, requires all Federal actions to minimize and avoid impacts to floodplains. As described under AFI 32-7061, *Environmental Impact Analysis Process,* a FONPA must be submitted for approval to the proper headquarters when the alternative selected is located in wetlands or floodplains. The FONPA must discuss why no other practical alternative exists to avoid impacts. In the case of the General Plan EA, implementation of Alternative 1 (the Preferred Alternative) would impact a total of 0.75 acres of previously unpermitted wetlands, 12.05 acres of previously permitted wetlands, and 8.40 acres of floodplain on Hurlburt Field despite extensive planning efforts to avoid these areas. However, in the cases of both wetlands and floodplains, overall impacts are extremely small considering the total extent of planned new facilities and the fact that almost 50 percent of Hurlburt Field is wetland and/or floodplain. In all cases, individual projects impacting wetlands or floodplains were sited in these areas because of functional, adjacency, or operational requirements. Details are given in Table 2.

5.0 Mitigation

Although avoidance of environmental impacts was the first concern in siting and configuring Alternative 1 projects, mitigation measures for unavoidable impacts have been also been identified. These mandatory mitigation provisions are detailed in Attachment 2 at the end of this document. Hurlburt Field personnel will ensure that these measures are accomplished as necessary.

6.0 Public Involvement and Coordination

The *General Plan EA, Hurlburt Field, Florida* was made available for the 30-day mandatory public review period from November 4, 2005 to December 4, 2005. Copies of the EA were also mailed to the Florida State Clearinghouse for distribution to appropriate state regulatory agencies. In addition, copies of the EA were sent to the U.S. Fish and Wildlife Service and to the U.S. Army Corps of Engineers. No comments were received from the general public. The Florida Fish and Wildlife Conservation Commission recommended that two structures, which have supported nesting

Table 2
Preferred Alternative Projects Impacting Floodplains and/or Wetlands

EA Project Number	Name	Floodplain/ Wetland Impact	Requirements
02-01	Construct Outdoor Recreation Center	21,016 SF Floodplain	Facility must be located near marina along Santa Rosa Sound near other existing recreational facilities.
04-03	Supply Warehouse	8,297 SF Floodplain	Only the access roadway is within an identified floodplain area, and this is within an area where some military family housing units are currently located.
05-01	123 Person Billeting	16,444 SF Floodplain	Most impact is for parking area and access to existing road in floodplain. Must be located adjacent to planned conference center and consolidated club.
07-03A	AT/FP Main Gate and Soundside Access Control Facilities	1,353 SF Floodplain	All new roadway surfaces are needed for security and traffic control into the Soundside area of Hurlburt Field.
07-10A	Base Roadway Improvements	28,444 SF Floodplain	All roadway surfaces connecting existing roadways already within the floodplain.
08-01	RED HORSE Vehicle Maintenance Facility	4,168 SF Floodplain	One portion of a planned of a 32,500 sq ft building extending into a floodplain. Location needs to be within the self-contained RED HORSE area of the installation.
11-02	Fill/Clear Wetlands, Helicopter Landing Pad	130,078 SF Floodplain	A previously permitted site extending Hurlburt's east apron for expanded operations.[1]
11-04	SOF Engine Maintenance and Storage Shop	6,756 SF Wetland	Must be operationally located next to planned SOF C0130 Aircraft Apron (EA Project 11-11).
11-11	SOF C-130 Aircraft Apron	21,074 SF Wetland	Must be operationally located next to existing airfield apron on west side of airfield.
11-13	Hydrant Fueling System	27,128 SF Floodplain 4,761 SF Wetland	Location near airfield and bulk fuel tanks required.
11-22	SOF CV-22 Aircraft Parking	129,223 SF Floodplain	A previously permitted site extending Hurlburt's east apron for expanded operations.[1]

[1]The total previously permitted acreage of wetland impacts associated with Projects 11-02 and 11-22 is 12.05, which includes the operational footprint of the projects plus buffer areas.

colonies of the state-threatened least tern and which are scheduled for demolition (Buildings 90710 and 90329) not be disturbed between April and August—the nesting season for the terns. The Florida Department of Environmental Protection (DEP) suggested that a meeting be scheduled to develop a clear plan of action regarding 404/401 permitting issues. DEP also requires that Hurlburt notify the Northwest District DEP office concerning individual project requirements for storm water treatment. Depending on location, the projects may use a previously established on-site storm water treatment "bank" or may require a separate storm water quality permit and individual treatment for the first half-inch of runoff. Finally, the EA was determined to be conditionally consistent with Chapters 372, Florida Statutes, under the Florida Coastal Management Program. Further details concerning State agency coordination are provided in Appendix A (Coordination Documents) of the EA.

7.0 CONCLUSION

Based on my review of the facts and analysis contained in the EA and an agency review comments, I conclude that Alternative 1 (the Preferred Alternative) would not have a significant impact either by itself or cumulatively with any other known past or future actions. Furthermore, I find that there are no practicable alternatives to the sitings of the listed projects within identified floodplain and wetland areas as shown in Table 2 of this document. Accordingly, the requirements of the National Environmental Policy Act, regulations promulgated by the President's Council on Environmental Quality, and provisions of AFI 32-7061 have been fulfilled. Furthermore, based on public and agency comments on the EA, the U.S. Air Force has determined that no changes to the document are necessary. The draft EA will serve as the final EA. An environmental impact statement is not required and will not be prepared for implementation of the Preferred Alternative.

Approved:

15 March 2006

Mark D. Wright, Col., USAF
Director, Installations and Mission Support

Date

Attachment 1 List of Projects Considered		
Sub-Basin Project #	**FTEV #**	**Description**
02-01	02-1001	Construct Outdoor Recreation Center, 16 SVS
04-01	04-1072	ADAL Fitness Center, Building 90517
04-02	95-3013	Temporary Lodging Facility
04-03	04-3016	Supply Warehouse
04-04	99-3036	Child Development Center
04-05	03-3021	16th Contracting Squadron Facility
04-06	97-3019	Airmen Leadership School
04-07	02-3015	SOF JSOU Library/Education Center Com/Language Lab PH 3
05-01	03-3020	123-Person Billeting
06-01	01-5007	Consolidated Club
06-02	02-3011	Mission Planning Center
07-01	04-3020	ADAL Command Post
07-02	96-2010	Realign O'Neil Avenue/Install Traffic Signal
07-03	03-3022	AT/FP Main Gate and Soundside Access Control Facilities
07-04	04-5003	Family Camping Facility
07-05	04-3006	SOF Weapons & Release Systems Shop
07-06	03-3017	STG Headquarters Facility
07-07	04-3000	Refueling Vehicle Maintenance Facility
07-08	03-3004	Vehicle Operations Administration Facility
07-09	96-3008	SOF Maintenance Operations Squadron Facility
07-10	99-3011	Base Roadway Improvements
07-11	99-3033	Squadron Operations Facility, 6 SOS
08-01	00-3009	RED HORSE Vehicle Maintenance Facility
08-02	02-3005	RED HORSE Mobility and Training Facility (823 RHS)
08-03	00-5004	Shoppette Facility, East Side
08-04	99-3013	Construct Dormitory (144 pn) East Side
08-05	00-3023	Eastside Fitness Center
08-06	03-3013	Widen Independence Road
08-07	03-3018	AFLD Waiver, Alter Independence Road
08-08	04-3011	SOF UAV Squadron Operations Facility
08-09	04-3012	SOF UAV Maintenance Hangar/Parking Apron
11-01	04-5002	Construct Workbays at Auto Hobby Shop, Building 90612
11-02	03-1049	Fill/Clear Wetlands, Helicopter Landing Pad
11-03	94-3001	ADAL Security Forces Operations (Current Mission)
11-04	97-3006	SOF Engine Maintenance and Storage Shop
11-05	97-3018	Fire Crash/Rescue Station
11-06	01-3021	25th Intelligence Squadron Operations Facility
11-07	03-3014	Realign Cruz Avenue
11-08	04-3005	SOF Squadron Opst Talon II
11-09	02-3010	Add to Visiting Quarters
11-10	02-3013	ADAL USAFSOS Facility
11-11	04-3004	SOF C-130 Aircraft Apron
11-12	04-3007	SOF Survival Equipment Shop
11-13	97-3016	Hydrant Fueling System
11-14	03-3006	Visiting Officers Quarters
11-15	03-3015	Realign Cruz Avenue, Phase 2
11-16	04-3008	SOF Dash-21 Maintenance Facility
11-17	04-3009	SOF Maintenance Storage Facility
11-18	04-3010	SOF C-130 Talon II Maintenance Hangar
11-19	96-3012	SOF Squadron Operations Facility, 18 Flts
11-20	97-3009	Operations Group/Operations Pans Facility
11-21	02-3014	SOF JSOU Headquarters Facility Phase II
11-22	04-3014	SOF CV-22 Aircraft Parking Apron

Attachment 2 Mitigative Actions	
Resource or Issue Area	**Mitigation**
Storm Water and Erosion Control	▪ Best Management Practices regarding appropriate storm water management and erosion and sediment control plans will be used for all projects. This could include construction of additional detention/retention basins, modifying existing storm water control structures, installation of additional catch basins, temporary use of silt fencing, and use of vegetated swales to slow and absorb surface sheet flow, etc. ▪ Bare ground will be revegetated as soon as possible following the construction phase or during any prolonged pause in construction activities.
Threatened and Endangered Species	▪ Demolition of Buildings 90710 or 90329 during least tern nesting season (April through August) will be avoided.
Landscape Elements	▪ Sale of downed trees and other woody vegetation for firewood and mulch will be pursued to reduce the amount of woody vegetation in the solid waste stream. ▪ Native species will be used for all replacement trees and other plantings as defined by Hurlburt Field's Landscape Management Plan and tree replacement policy.
Wetlands and Floodplains	▪ Any required wetland permitting will be pursued on a project-by-project basis with the Florida Department of Environmental Protection and the U.S. Army Corps of Engineers as required by Sections 404/401 of the Clean Water Act. Coastal zone consistency will also be reviewed with DEP personnel at this meeting.
"Green Buildings"	▪ Authorized salvage personnel and/or incorporation of specific deconstruction techniques will be used the maximum extent to minimize solid waste generation during building renovation, construction, or demolition. ▪ Current building codes will be incorporated into new structure development in order to maximize energy efficiency. ▪ Energy efficient equipment and utilities will be specified when designing facilities in order to decrease energy demand and minimize greenhouse gas emissions.
Installation Restoration Program	▪ Work on all projects identified as potentially impacting a known IRP site and/or installed IRP site monitoring or remediation systems will be coordinated through the Hurlburt IRP manager as early in the design stage as possible and prior to any soil disturbance.

GENERAL PLAN ENVIRONMENTAL ASSESSMENT
HURLBURT FIELD, FLORIDA

Prepared For:

16 Civil Engineering Squadron
Hurlburt Field, Florida

Prepared By:

WOOLPERT

and

EA Engineering, Science, and Technology, Inc.

October 2005



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Section 1.0
Background



SECTION 1.0 BACKGROUND

1.1 LOCATION AND AREA

Hurlburt Field is located on 6,634 acres in Okaloosa County within the Florida Panhandle (Figure 1). The installation is about 35 miles east of Pensacola and is bordered by the city of Mary Esther and Santa Rosa Sound and is located within the Eglin Reservation. Primary highway access to Hurlburt Field is via U.S. Highway 98 (US 98). Hurlburt Field was formerly known as Eglin Auxiliary Field 9, and the installation retains close organizational and operational ties to Eglin Air Force Base (AFB). A Host Tenant Agreement exists between Air Armament Center on Eglin AFB and 16th Special Operations Wing (SOW), which gives operational control of Hurlburt Field to the 16th SOW. There are 7,322 active duty, 10,860 family members, and 853 civilians working and/or living on Hurlburt.

Hurlburt Field lies within the region of the Florida Panhandle known as the Emerald Coast, which extends roughly 50 miles on either side of the city of Fort Walton Beach and roughly parallels US 98. This coastal area is known for its white sand beaches, favorable climate, and reasonable cost of living. As a result, the area is undergoing rapid population growth. The city of Mary Esther, located east of Hurlburt Field, has a population of approximately 4,500. The largest municipality in the immediate area of Hurlburt Field is the city of Fort Walton Beach with a population of 22,000. Smaller nearby communities include Navarre, Navarre Beach, Ocean City, and Shalimar.

Hurlburt Field is divided into a western and eastern section by the 9,600-foot runway and associated airfield (Figure 2). Additionally, while most of the installation is located north of US 98, the Soundside area south of US 98 provides space for officer housing; the Soundside Club; the petroleum, oils, and lubricants (POL) marine dock; the installation marina; and other outdoor recreational facilities. The western section of the installation north of US 98 contains the flight line support functions for Hurlburt Field's fixed-wing missions, the main cantonment area, and additional housing as well as less developed areas containing the rifle range and Explosive Ordnance Disposal (EOD) operations. RED HORSE operations and training, flight line support facilities for Hurlburt Field's rotary-wing missions, additional family housing, commercial (commissary, base exchange, and other concessions), and medical facilities are located east of the airfield.

1.2 MILITARY MISSION

Hurlburt Field is the home of Headquarters Air Force Special Operations Command (HQ AFSOC). Hurlburt Field and Moody AFB (near Valdosta, Georgia) are the only installations in this major command. The HQ AFSOC mission is to organize, train, equip, and educate Air Force special operations forces for worldwide deployment and assignment to regional unified command for conducting:

- Unconventional warfare
- Direct action
- Special reconnaissance
- Counter-terrorism
- Foreign internal defense
- Humanitarian assistance
- Psychological operations



FIGURE 1

VICINITY MAP

Hurlburt Field, Florida

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida



- Personnel recovery
- Counter-narcotics

The 16th SOW at Hurlburt Field is HQ AFSOC and it is the oldest and most seasoned unit. It includes the 4th Special Operations Squadron (SOS), 6th SOS, 8th/711th SOS, 9th/5th SOS, 15th SOS, 16th SOS, 19th SOS, and 20th SOS.

The 4th SOS flies AC-130 Spooky Gunships for missions of close air support, armed reconnaissance, and interdiction associated with conventional and joint special operations forces.

The 8th/711th SOS (now a combined Reserve and Active Duty unit located at Duke Field on Eglin AFB) employs the MC-130E Combat Talon, while the 15th SOS based on Hurlburt Field flies the MC-130H Combat Talon II. Both aircraft support unconventional warfare missions and special operations forces and are capable of high-speed, low-level airdrops. The Combat Talon I has terrain-following radar and computer systems which enable it to locate and drop equipment in unmarked drop zones with pinpoint accuracy day or night and under all weather conditions. The 8th SOS can provide refueling of special operation helicopters behind enemy lines. The 8th and 15th SOSs both work closely with the Army Rangers and Navy SEALS. The 716th Maintenance Squadron also operates from Duke Field.

The 9th/5th SOS flies the MC-130P/N Combat Shadow tankers out of Eglin AFB for worldwide clandestine penetration of enemy territory to provide aerial refueling of special operation helicopters. To support the unconventional warfare mission, the 9th SOS flies low-level, communications-out in close trail formation using night-vision goggles.

The 16th SOS flies the AC-130H Spectre Gunship which is a modified version of the Lockheed C-130 aircraft. The aircraft is heavily armed with two side-firing 20 mm Vulcan cannons, a 40 mm Bofors cannon, and one Army 105 Howitzer.

The Air Force's most sophisticated helicopter, the MH-53J Pave Low IIIE, is flown by the 20th SOS, also known as the Green Hornets. The Pave Low is a modified version of the HH-53 Super Jolly equipped for day or night low level penetration into hostile or enemy territory to accomplish clandestine operations, aerial gunnery support, and reinforcement throughout the world. The Pave Lows are used in long-range infiltration/exfiltration and resupply of special operations forces day, night, or in marginal weather conditions. They also provide combat search and rescue support.

The 6th SOS supports a foreign internal defense-training mission. This unit flies fixed-wing BT-67 aircraft, and UH-1H helicopters.

Other components of the HQ AFSOS stationed at Hurlburt Field include the 720th Special Tactics Group (STG), the USAF Special Operations School (USAF SOS) [now under the Joint Special Operations University (JSOU)], and the 18th Flight Test Squadron. The 720th STG, which has strategically placed units worldwide, is comprised of special operations combat control teams and pararescue forces. The JSOU provides special operations-related education to personnel from all branches of DoD, governmental agencies, and allied nations. Subjects include regional affairs, cross-cultural communications, anti-terrorism, revolutionary warfare, psychological warfare, and other areas. The 18th Flight Test Squadron conducts operational tests and evaluations of equipment, concepts, tactics, and procedures for employment of special operations forces. The Air Force Command and Control Training and Innovation Center located at Hurlburt Field is the focal point for the integration of all air and space command and control. The unit trains combat forces in tactics to conduct joint and combined operations, and is responsible for conducting joint-service, component-level command, and control battlestaff training.

Hurlburt Field flying missions are scheduled through Eglin AFB, and, while munitions testing and evaluation take priority over special operations training on the Eglin AFB range, the predominately nighttime operations of Hurlburt Field's special operations aircraft and troops is generally compatible with other daytime uses of the range. Test Area A-77 is the most heavily used Eglin AFB location for air-to-ground live fire training by Hurlburt Field based units. Special forces dropped by Hurlburt Field aircraft into drop zones scattered throughout the Eglin AFB range span out in various directions depending upon the training objectives. Other frequently used Eglin AFB live fire ranges include A-78, B-7, and R2914A:C52N. Airdrops and landings are accomplished at R29156A:B6 and

R2914A:C61A/C5. Air refueling training takes place over the Gulf of Mexico in W151 designated airspace.

Hurlburt Field aircraft often egress and ingress along the northern border of the Eglin AFB range near the city of Crestview. These flights are associated with nighttime training missions in the mountains of eastern Tennessee and western North Carolina.

1.3 THE GENERAL PLANNING PROCESS

All Air Force installations are required to develop and maintain a General Plan as prescribed in Air Force Instruction (AFI) 32-7062, *Air Force Comprehensive Planning.* The General Plan is a summary of the overall Base Comprehensive Plan (BCP), which is made up of numerous component plans created through a lengthy process involving extensive outreach with stakeholders, detailed research, and review of existing installation documents, development of plan alternatives, and selection and refinement of preferred planning concepts. The General Plan, allows the recommendations developed in the detailed BCP to be communicated in a more concise and user-friendly format.

Component plans within the BCP Process that serve as building blocks to the General Plan include:

- **Composite Constraints and Opportunities Plan—**Identifies and maps existing natural, operational, and cultural resources (such as geologic features, wetlands, floodplains, Air Installation Compatible Use Zones [AICUZ], etc.).

- **Infrastructure Plan—**Identifies and maps locations of all utility and communication systems.

- **Land Use Plan—**Identifies and analyzes functional relationships, land use compatibility, and facility adjacency requirements as well as integrating off-base planning efforts with local governmental and private entities.

- **Capital Improvements Plan—**Integrates all previous plans and potential projects into one document and provides more detail on the physical location of specific projects in order to be approved for funding. It also identified planned projects in the context of architectural compatibility and installation landscape development standards.

- **Integrated Natural Resources Management Plan (INRMP)—**Specifically outlines the care and management of on-site natural resources.

- **Integrated Cultural Resources Management Plan (ICRMP)—**Similar to the INRMP, but pertains to the care and management of cultural resources.

A wide variety of other underlying and continually updated plans beyond the above-listed component plans also contribute to the BCP process. As a BCP summary document, the General Plan provides a dynamic and fluid document that represents the environment in and around an installation at a “snapshot in time.” In addition to directly supporting the development and updating of the General Plan, Area Plans elaborate on the development of special areas of the installation such as community areas, housing, administrative areas, etc. These plans can include alternative development plans, preliminary facility site development, roadways, parking, etc. Table 1 illustrates Hurlburt Field’s comprehensive planning history, each of which is reflected in and contributed to the formation of the General Plan.

Site plans, which may or may not be associated with an Area Plan, are the most-precise planning documents in terms of indicating building locations and orientation, parking areas, etc. These plans are usually considered a pre-construction, design-phase, level of detail and are the basis for environmental analysis in this EA.

The Hurlburt Field General Plan consolidates all available installation planning data, highlights issues, assesses development potential, and provides guidance and direction for future development Figure 3 illustrates the general planning process that has been followed at Hurlburt Field.

Over the past decade, Hurlburt Field has undergone rapid development and redevelopment in response to the increasing

Table 1 Partial List of Hurlburt Field Planning Documents	
Date	**Document**
In Progress	General Plan Environmental Assessment
In Progress	Mission Rehearsal Isolation Area Subarea Development Plan
In Progress	RED HORSE Subarea Development Plan (Update)
2003	General Plan
2003	Air Force Command and Control Training and Innovation Center (AF C2TIC) Phase II Customer Concept Documents
2002	Cultural Resources Management Plan (Update)
2002	Integrated Natural Resources Management Plan and Environmental Assessment (Update)
2002	Air Force Command and Control Training and Innovation Center (AF C2TIC) Phase I Customer Concept Documents
2002	Joint Special Operations University Subarea Development Plan
2000	Long-Range Facilities Development Plan (Update)
1999	Land Use and Community Center Plans (Update)
1999	Air Force Command and Control Training and Innovation Center (AF C2TIC) Subarea Development Plan
1999	Aerial Photography, Survey, and Data Creation for Base Map C-1
1998	Comprehensive Wetland Delineation
1997	Marine Terminal Subarea Development Plan
1997	Marina Development Plan
1997	Landscape Development Plan
1997	Cody Avenue Subarea Development Plan
1997	AC-130 Subarea Development Plan
1997	RED HORSE Subarea Development Plan
1997	Base-Wide Wetland Delineation
1996	Cultural Resources Management Plan
1996	Transportation Plan
1996	Integrated Natural Resources Management Plan
1996	Environmental Quality Protection Plan
1996	Natural and Cultural Resources Component Plan
1995	Permanent Exercise Facility Area Development Plan
1994	Land Use and Community Center Plan
1994	Long-Range Facilities Development Plan
1992	Commander's Summary

importance and technological sophistication of Air Force Special Operations Command (AFSOC). The pace of development and change is expected to continue, thus making good environmental, land use, and facility planning essential to accommodating mission changes while, at the same time, protecting sensitive natural and cultural resource assets and enhancing the quality-of-life for assigned personnel. Hurlburt Field's General Plan was completed in 2002 (Woolpert, Inc., 2002) and has been approved by the 16th SOW

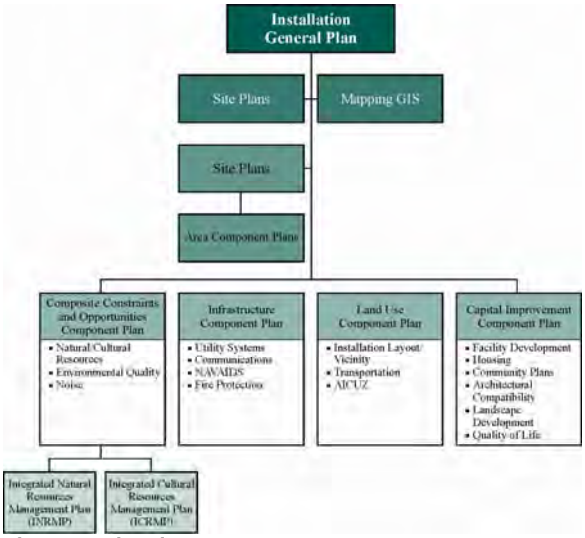


Figure 3: ***Planning Process***

Commander and HQ AFSOC. The Hurlburt Field General Plan reflects all permanently assigned units at Hurlburt Field, and plans/programs for future construction must follow the guidelines established by the Hurlburt Field General Plan. In addition, the General Plan incorporates several area development plans and reflects their findings and recommendations in the Capital Improvements Plan (CIP).

The General Plan was formulated over a 2-year period and included five major components that reflect the more detailed BCP component plans:

1. **Plan Overview—**Compilation of background data, explanation of the planning process, planning goals and objectives, implementation procedures, and installation description.

2. **Constraints and Opportunities—**A summary of existing natural resources, cultural resources, environmental compliance, and operational constraints to development across the entire installation.

3. **Infrastructure Analysis—**Analysis of utility and communications systems, energy conservation, and fire protection.

4. **Land Use—**Description of existing and future land uses as well as the transportation system of the installation and surrounding area.

5. **CIP—**Discussion of existing facilities, future construction and demolition, and small area development recommendations.

The Hurlburt Field General Plan's foundational documents identifying known and forecasted changes in facility needs at Hurlburt Field over the coming decades are the Land Use Plan, the Long-Range Facilities Development Plan (LRFDP), and the CIP. The LRFDP takes the broad recommendations for the future siting of facilities found in the Land Use Plan and articulates site-specific constraints and opportunities. The purpose of the LRFDP is to provide recommendations for both short-term (5 years) and long-term (20 years) facility siting information consistent with the goals and objectives for future installation development. The stated goals of the LRFDP are as follows:

- Replace outdated facilities.
- Provide guidance for future facility siting.
- Consolidate functional organizations as much as possible.
- Meet long-term facility requirements for all host and associate organizations on the installation.
- Retain flexibility to reuse facilities and modify missions.
- Reflect HQ AFSOC standards in facility design and construction.

The CIP moves the planning process from siting to the preliminary facility design level while also prioritizing all future facility requirements. Projects in the CIP are assigned Project Numbers and Category Codes, and details are provided concerning estimated costs, square footage, environmental issues, and other specific information. Utilization of the CIP in planning and environmental analysis has been particularly advantageous to Air Force installations by allowing the planning process to be more fully integrated into the NEPA process. The CIP provides a starting point for organizing the "when and where" of planned projects.

Projects within the CIP may be funded through any number of variously identified military budgets including Military Construction (MILCON) funds; Sustainment, Repair, and Maintenance (SRM) funds; Non-Appropriated Funds (NAF); Defense Emergency Response Funds; Military Family Housing (MFH) funds; Defense Logistics Agency funds; tenant organization funding; outside grants; and so on. Most projects are funded through SRM or MILCON funding.

In summary, the projects within Hurlburt Field's General Plan addressed in this EA are the product of literally decades of careful installation planning built on a foundation of many other underlying planning documents. Each of these underlying planning documents whether BCP component plans or Area Plans, in turn, have been developed in a manner sensitive to environmental and cultural resources constraints and opportunities as well as to operational requirements of the installation and the ability of installation infrastructure to support the planned facilities. The facilities addressed in this EA have gone through this long-term multi-planning screen prior to being addressed in a manner focusing on cumulative impacts within this present document.

1.4 ENVIRONMENTAL DOCUMENTATION APPROACH

The environmental impacts of all Air Force facility projects must be documented in accordance with the provisions of AFI 32-7061, *Environmental Impact Analysis Process*, which satisfies the requirements of the National Environmental Policy Act (NEPA) as implemented through Council of Environmental Quality (CEQ) Regulations (40 CFR Part 1500). The level of required environmental impact analysis depends upon the nature of the project and its location. Determining the level of analysis begins with completion of an AF Form 813 (Request for Environmental Impact Analysis) and coordinating the completed form through the installation's civil engineering environmental staff for evaluation. Projects having negligible impacts may qualify for a Categorical Exclusion (CATEX). Projects with a predicted higher level of impact must be documented through development of an Environmental Assessment (EA) that leads either to a signed decision document (Finding of No Significant Impact) allowing the project to proceed or a determination that an Environmental Impact Statement (EIS) will need to be developed.

This EA was developed using an ecosystem approach to analyzing environmental impacts.

The US Environmental Protection Agency defines "ecosystem" as "the interacting system of a biological community and its non-living environmental surroundings." In other words, the ecosystem approach looks beyond the immediate area of impact (in this case an individual facility site) and, instead, attempts to determine and analyze the impacts over a broader area. In the case of this EA, analysis is conducted within storm water drainage sub-basins within the larger watersheds of Santa Rosa Sound and the East Bay River as the "ecosystem" component (Figure 4). Although somewhat artificial boundary lines, each sub-basin has an identified discharge point into natural waters surrounding Hurlburt Field. Therefore, water quality and its impact on ecological communities in these freshwater or estuarine natural waters is affected by each project individually and cumulatively within a given watershed. Additionally, beyond impacts on surface waters, projects grouped or bundled by sub-basin serve to organize impact analysis in other areas such as soil disturbance, population and traffic changes, and floodplain/storm surge to name a few. Cumulative impacts, as defined in 40 CFR 1508.7, can also be more readily identified when examining a broader area and a larger timeframe for potential impact. Cumulative impacts or effects are the impact on the environment which results from the incremental impact of an action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions.

In using the ecosystem and cumulative impact approach, this EA addresses a *selected* group of bundled projects currently listed in the CIP that are projected to begin construction within the timeframe of fiscal years (FY) 05 through FY 11. In addition to limiting projects addressed in this EA to this timeframe, CIP projects were also incorporated into or excluded from the EA as follows:

- Projects obviously eligible for existing Air Force-approved CATEXs were eliminated. These included projects strictly involving interior renovations and minor exterior changes such as re-roofing, painting and other exterior finish changes, repaving of existing paved areas, and similar actions. Many SRM projects fall into these categories since, by definition, most SRM-funded projects are smaller and more limited in scope.

- Projects entirely funded or partially funded by tenant organizations are discussed in this EA. Typically, these are known as NAF projects and include such projects as the addition to the Youth Center and construction of a Consolidated Club. However, *all such projects will need separate NEPA documentation* through their respective proponent organizations, even though they are consequently being preliminarily analyzed here.

- Demolition projects are listed in the EA and are shown, as needed, on site maps for individual future construction projects. Since demolition project impacts are generally limited to disposal or reuse of structural wastes, demolition projects are not individually analyzed in this EA. However, they are analyzed in terms of the net change in impervious surface area within individual sub-basins. Demolition projects for each alternative are included for reference in Tables 4 and 5 in Section 3.0.

- Future projects that would obviously require very extensive regulatory agency coordination, complex permitting requirements, extensive mitigation, and possible evaluation through development of an EIS. The proposed Marina Basin Expansion along Santa Rosa Sound was one such project, which is not addressed in this EA. Projects such as these will require individual NEPA analysis.

- Projects programmed through MILCON and larger SRM projects make up the bulk of the bundled projects addressed in this EA (see Tables 2 and 3, Figures 5 and 6, and Appendix B).

Although the timeframe for the projects addressed in this EA is focused on FY 05 through FY 11, projects currently programmed for FY 12 as well as several other out-year projects are also included since there is a high probability that the priority of some of these projects may change resulting in moving them into the five FY range primarily addressed as part of the action alternatives analyses.

Table 2 List of Projects Addressed by Fiscal Year	
FTEV #	**Description**
FY 04 Projects	
01-1070	Alter Refueling Fill Stand, Building 90132
01-3019	Special Tactics Advanced Skills Training Facility
FY 05 Projects	
97-1001	
00-1085	Community Activity Center
00-1111	MEI-AFLD Waiver, Repair Storm Drainage
02-1029	Sside East Lift Station
03-1148	ADAL 16 CMS Facility, Building 90034
03-1152	Construct Parking Lot for Fitness Center, Building 90517
03-1183	Construct 16 OSS/OSTO Facility
04-1005	Troop Camp Facility
04-1011	Construct Parachute Tower 16th EMS 90743
04-1079	AT/FP Construct Overwatch Tower, East Gate
04-1019	ADAL Command Post, SRC Collocation
04-1117	Add to HQ AFCOS/SE, Building 90382
FY 06 Projects	
96-2010	Realign O'Neil Avenue
99-3031	C2 Exercise/Group Headquarters Complex
02-3011	Mission Planning Center
02-3016	ACC Weapons Instructor Course Facility
03-1049	Fill/Clear Wetlands, Helicopter Landing Pad
04-1072	Add to Fitness Center, Building 90517
FY 07 Projects	
94-3001	ADAL Security Forces Operations (Current Mission)
97-3006	SOF Engine Maintenance and Storage Shop
97-3018	Fire Crash/Rescue Station
00-3009	Vehicle Maintenance Facility
01-3021	25th Intelligence Squadron Operations Facility
02-3010	Addition to Transient Personnel Quarters
03-3014	Realign Cruz Avenue
03-3022	Main Gate and Soundside Access Control Facilities
04-3005	SOF Squadron Opst Tallon II
FY 08 Projects	
99-3029	AFC2TIG Systems/Warrior School Complex
02-3005	RED HORSE Mobility and Training Facility (823 RHS)
02-3013	Joint Special Operations University/USAF Special Operations School Facility
03-3013	Widen Independence Road
04-3006	SOF Weapons & Release Systems Shop
FY 09 Projects	
97-3016	Hydrant Fueling System
02-3007	RED HORSE Outdoor Training Area
03-3004	Vehicle Operations/Maintenance Facility
03-3006	Visiting Officers Quarters
03-3017	STG Headquarters Facility
04-3004	SOF C-130 Aircraft Apron
04-3007	SOF Survival Equipment Shop
FY 10 Projects	
97-3019	Airmen Leadership School
03-3016	Visiting Airman Quarters
04-3000	Refueling Vehicle Maintenance
04-3008	SOF Dash-21 Maintenance Facility
04-3009	SOF Maintenance Storage
04-3016	Base Supply Facility, 16 LRS
FY 11 Projects	
99-3036	Child Development Center
03-3021	16th Contracting Squadron Facility
04-3010	SOF C-130 Talon II Maintenance Facility

Table 2 List of Projects Addressed by Fiscal Year	
FTEV #	**Description**
FY XX Projects	
96-3008	ADAL Maintenance Operations Squadron Facility
96-3012	Squadron Operations Facility
97-3009	Operations Group/Operations Support Facility
97-3020	Operations Load Master Training Facility (C-130 HULK)
99-3011	Base Roadway Improvements
99-3013	Construct Dormitory
99-3033	Squadron Operations Facility, 6SOS
00-3001	Munitions Delivery Road
00-3023	Eastside Fitness Center
02-3014	SOF JSOU Headquarters Facility
02-3015	SOF JSOU Library/Education Center Com/Language Lab PH 3
03-3015	Realign Cruz Avenue Phase 2
03-3018	AFLD Waiver, Alter Independence Road
04-3011	SOF UAV Squadron Operations Facility
04-3012	SOF UAV Maintenance Hangar/parking Apron
04-3014	SOF CV-22 Aircraft Parking Apron

Table 3
Environmental Assessment Projects, 2005

Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
02-01	02-1001	Construct Outdoor Recreation Center, 16 SVS	21,015.9	2	10	The current facility is substandard - indoor office and storage space needed, classroom space needed, outdoor storage yard needed to meet expanding demands of a larger installation population.
04-01	04-1072	Add to Fitness Center, Building 90517	1,003.0	4	6	The current facility is inadequately sized to serve assigned personnel as well as students attending various training schools on the installation.
04-02	95-3013	Temporary Lodging Facility	80,645.2	4	10	The number of units currently available (24) is inadequate to accommodate in-processing and out-processing families. Off-installation facilities have limited availability (particularly during tourist seasons or as a result of hurricane damage to local houses), are expensive, and are not conveniently located close to the installation.
04-03	04-3016	Supply Warehouse	379,995.7	4	10	The current facility is antiquated and undersized to support expanding mission requirements.
04-04	99-3036	Child Development Center	42,603.8	4	11	Capacity of the existing facility is 172 children while there is a need based on population to accommodate 400 children. There are HVAC, moisture, plumbing and mold problems in the existing facility
04-05	03-3021	16th Contracting Squadron Facility	32,644.2	4	11	The current facility is over 40 years old, is inadequately sized, and poorly configured for efficient operations.
04-06	97-3019	Airmen Leadership School	70,614.7	4	11	The existing facility is a modified 1950s church facility, which is inadequately sized, poorly configured, and costly to maintain
04-07	02-3015	SOF JSOU Library/Education Center Com/Language Lab PH 3	129,149.5	4	12	This facility is needed to support the expanding training requirements for Special Operations Forces and, particularly, to support the development of distance learning course modules.
05-01	03-3020	Soundside Visiting Quarters (120 pn)	105,296.3	4&5	6	There is an average of over 150 transient (temporarily assigned) personnel per night requiring lodging on or near Hurlburt. Training classes, exercises, and meetings associated with HQ AFSOC activities result in high numbers of visitors. Off-installation lodging is seasonally limited.
06-01	01-5007	Consolidated Club	96,138.4	6	6	The NCO and Officer's Clubs are currently 3/4 mile apart, both are in older buildings, and neither have adequate dining/meeting space forcing many functions to find space in the surrounding civilian community.
06-02	02-3011	Mission Planning Center	94,233.4	6	7	There is no current facility on the installation available for high level meetings and briefings with large numbers of senior staff. Existing nearby civilian facilities area inadequate from the standpoints of both security and force protection.

Table 3
Environmental Assessment Projects, 2005

Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
07-01	04-3020	ADAL Command Post	5,975.1	7	5	The current facility is inadequately designed to withstand Category 4 Hurricane winds and is inadequately sized to support additional operations. The inadequacy of the existing facility resulted in the forced relocation of the Wing Commander and key staff during Hurricane Ivan in 2004 into four separate facilities adversely impacting the Command's ability to direct recovery efforts and respond to crisis situations.
07-02	96-2010	Realign O'Neil Avenue/ Install Traffic Signal	26,348.4	7	6	This project will improve safety at the intersection of Terry Avenue and Independence Road will include providing a left turn lane onto Independence, improve the intersection geometrics, and install a traffic signal.
07-03	03-3022	AT/FP Main Gate and Soundside Access Control Facilities	246,468.0	7	7	This project is needed to meet the demands of vehicular control and inspection while also ensuring efficient flow of traffic at busiest installation intersection. Increased numbers of personnel associated with expanding C-130 mission creating additional traffic. Current gate configuration can handle a maximum of 14,000 vehicle per hour, projected need is to handle 16,000 vehicles per hour.
07-04	04-5003	Family Camping Facility	67,336.9	7	8	The project would double the current 24 full-service sites at Hurlburt. This responds to the heavy seasonal demand for RV sites along the Gulf Coast and a significant source of NAF income.
07-05	04-3006	SOF Weapons & Release Systems Shop	28,733.1	7	8	The expanding SOF mission at Hurlburt requires and expansion or replacement of the existing facility
07-06	03-3017	STG Headquarters Facility	125,569.0	7	9	The 720th STG mission has expanded accompanied by an increase in staff. Current facility is a converted former clinic, limited vehicular access and no secure conference area
07-07	04-3000	Refueling Vehicle Maintenance Facility	6,296.0	7	10	The existing facility is over 40 years old and inadequate for existing and projected mission requirements. Refueling vehicles cannot be maintained in other maintenance facilities because of the potential safety hazards.
07-08	03-3004	Vehicle Operations Administration Facility	8,110.5	7	10	This project would correct poor space utilization within the 16 Trans Squadron, which currently operates out of multiple ageing buildings and uses numerous storage buildings scattered on site interfering with administration of duties and efficient functioning.
07-09	96-3008	ADAL Maintenance Operations Squadron Facility	28,003.3	7	12	Current facility space is inadequate to support existing requirements for the command section and orderly room, maintenance operations, maintenance training, Logistics Group quality assurance and the base master technical order library.

Table 3
Environmental Assessment Projects, 2005

Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
07-10	99-3011	Base Roadway Improvements	114,205.3	7	12	Roadway improvements are needed to support greatly expanded SOF activities on Hurlburt. The original roadway system was designed in the 50s. Installation expansion east of the airfield is inadequately serviced by existing roadways and backups at Main Gate and East Gate creating unacceptable delays.
07-11	99-3033	Squadron Operations Facility, 6SOS	18,716.3	7	12	There is a need for additional space for quality assurance and training operations, which are currently located in several separate buildings
08-01	00-3009	Vehicle Maintenance Facility	32,496.3	8	7	Vehicle maintenance currently functions out of three buildings. Building infrastructure and life-safety problems are associated with the existing facilities. Work often must be performed outdoors on oversized equipment subjecting mechanics to weather extremes and creating difficult working conditions.
08-02	02-3005	RED HORSE Mobility and Training Facility (823 RHS)	9,566.7	8	8	The current facility was built as a temporary facility in 1974. It is totally inadequate in size and condition to accommodate the necessary 400-person deployment operations. Space in a new facility is also needed for fitness training and as a hurricane shelter for first-responders.
08-03	00-5004	Shoppette Facility	26,672.3	8	10	This new facility would provided needed services (including gasoline) on the east side of Hurlburt Field.
08-04	99-3013	Construct Dormitory (144 pn) Eastside	98,880.3	8	12	Hurlburt has insufficient facilities to accommodate assigned single enlisted personnel. Off-installation accommodations are often too expensive for this segment of the military population. This project complies with the Air Force Dormitory Master Plan, and would provide needed quality of life improvements.
08-05	00-3023	Eastside Fitness Center	76,114.4	8	12	Three new dormitories have been constructed on the east side of Hurlburt to accommodate the growing installation population, which is projected to increase by over 1600 military personnel in the next few years. The location of the current fitness facility is on the west side of the installation and is not large enough for the existing and projected future military population.
08-06	03-3013	Widen Independence Road	42,307.2	8	12	The project would extend the four-lane improvements beyond the credit union/19 SOS intersection.
08-07	03-3018	AFLD Waiver, Alter Independence Road	97,810.3	8	12	This project would realign the segment of Independence Road that currently intruding into the designated Primary Surface of the airfield.
08-08	04-3011	SOF UAV Squadron Operations Facility	8,000.0	8	12	This project is required to support a new unmanned aerial vehicle mission scheduled for beddown at Hurlburt Field
08-09	04-3012	SOF UAV Maintenance Hangar/Parking Apron	172,523.2	8	12	This project is required to support a new unmanned aerial vehicle mission scheduled for beddown at Hurlburt Field

Table 3
Environmental Assessment Projects, 2005

Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
11-01	04-5002	Construct Workbays at Auto Hobby Shop, Building 90612	2,720.0	11	5	The existing facility in inadequate in size to support the installation population. There are long waits for access to existing bays throughout the week and on weekends adversely impacting quality of life - especially for younger troops depending on the facility to help reduce the cost of auto maintenance.
11-02	03-1049	Fill/Clear Wetlands, Helicopter Landing Pad	130,079.0	11	6	This project would impact approximately 12 acres of forested wetland, but is permitted under a 10-year USACE permit 404 permit. The project is needed to accommodate increased helicopter activity on Hurlburt and in anticipation of the beddown of new CV-22 aircraft on the installation.
11-03	94-3001	ADAL Security Forces Operations (Current Mission)	4,698.8	11	7	The existing facility was constructed in 1979 with a capacity of 80 personnel. Post-9/11 permanently assigned personnel levels now exceed 220 not including Army National Guard augmentees. Expanded facility needs include additional space for administrative functions, guardmount and conference rooms lockers and showers, and holding cells.
11-04	97-3006	SOF Engine Maintenance and Storage Shop	96,929.5	11	7	The current facility was built in the 1950s and added to in the early 1990s. However, it is still vastly undersized to meet expanded mission requirements involving inspection, repair, maintenance, and storage of engines, propellers, stands, racks, and other equipment associated with Special Operations Forces aircraft.
11-05	97-3018	Fire Crash/Rescue Station	99,314.3	11	7	The existing wood frame facility was built in 1956 and is inadequate in size and configuration for the 72 assigned personnel and 16 pieces of major fire protection equipment. The HVAC systems within the existing facility are failing as is the concrete flooring. Additional C-130 aircraft are due to arrive in FY 07 requiring expanded fire crash/rescue support.
11-06	01-3021	25th Intelligence Squadron Operations Facility	42,532.6	11	7	Current operational efficiency is adversely impacted as a result of the 25th IOS operating out of three separate buildings - all of which are old, inadequately sized, and which have outmoded/degraded infrastructure. A new facility is needed to adequately meet mission requirements of providing combat aircrew threat assessments.
11-07	03-3014	Realign Cruz Avenue	34,149.6	11	7	The existing road is deteriorating from heavy traffic and poor storm water runoff. It is also too close to existing and planned facilities (beddown of additional C-130 aircraft in FY 09) to afford required force protection.
11-08	04-3005	SOF Squadron Opst Talon II	41,790.7	11	7	Current facilities are inadequate to accommodate increases in mission and numbers of personnel projected over the next several years.

Table 3
Environmental Assessment Projects, 2005

Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
11-09	02-3010	Add to Visiting Quarters	4,592.7	11	8	A Needs Assessment Study conducted in 2003 identified a shortage of 187 adequate rooms to accommodate the numerous transient personnel visiting Hurlburt for training and mission rehearsal purposes. Normal occupancy rates of existing facilities is over 90 percent with surge requirements often resulting in approximately 150 persons per night using off-installation facilities.
11-10	02-3013	ADAL USAFSOS Facility	36,691.8	11	9	This addition to the Joint Special Operations University building is needed to provide an energy-efficient building to house the command suite, academic office and seminar-styled conference rooms. Currently JSOU used a temporary building to house faculty and staff, and there is insufficient room to accommodate planned course expansion.
11-11	04-3004	SOF C-130 Aircraft Apron	416,459.3	11	9	The project is required to provide additional parking for C-130 aircraft scheduled to arrive at Hurlburt within the next 5 years. Space is required for loading, unloading, servicing, and fueling.
11-12	04-3007	SOF Survival Equipment Shop	15,516.0	11	9	The current facility is over 50 years old and too small to adequately support the mission of maintaining personnel parachutes and storage and maintaining of survival equipment such as flotation equipment, rubberized rafts, etc.
11-13	97-3016	Hydrant Fueling System	47,807.3	11	10	Current fuel delivery to aircraft is limited to the use of refueling trucks (R-11 refueling units) and two flight line fill stands. Additionally, the bulk fuel storage system does not meet standards. Current slow turnaround associated with aircraft refueling will deteriorate further with the expected arrival of additional C-130 aircraft and the eventual deployment of CV-22 aircraft to Hurlburt Field.
11-14	03-3006	Visiting Officers Quarters	10,913.3	11	10	The facility is needed to correct the severe shortage of adequate transient quarters for visiting officers and non-commissioned officers attending training courses, meetings, and exercises on Hurlburt.
11-15	03-3015	Realign Cruz Avenue, Phase 2	57,457.5	11	10	The existing road is deteriorating from heavy traffic and poor storm water runoff. It is also too close to existing and planned facilities (beddown of additional C-130 aircraft in FY 09) to afford required force protection.
11-16	04-3008	SOF Dash-21 Maintenance Facility	10,836.1	11	10	The existing facility is over 40 years old and is inadequate to support the mission of the 16th Special Operations Wing. The existing building is sited on the flight line and is in the way of construction of a much-needed new C-130 maintenance hangar.
11-17	04-3009	SOF Maintenance Storage Facility	5,413.3	11	10	The existing facility is in the way of future construction of a needed C-130 hangar. There is a need to maintain adjacency between future aircraft maintenance operations and the maintenance storage facility.

Table 3 Environmental Assessment Projects, 2005						
Project #	FTEV #	Project Name	Total Project SF	Sub-Basin	FY	Description of the Project
11-18	04-3010	SOF C-130 Maintenance Hangar	72,332.8	11	11	There are presently only two maintenance hangars for C-130 on Hurlburt serving 31 aircraft. Additional hangar space will be needed to accommodate seven additional aircraft as part of a new mission beddown.
11-19	96-3012	SOF Squadron Operations Facility, 18 Flts	49,380.6	11	12	The squadron currently operates out of three separate buildings as well as leased facilities off-installation. The existing condition causes delays in test planning and test execution reducing operational availability of Special Operations Forces aircraft. There is also a need for environmentally controlled storage space for sensitive electronic equipment currently exposed to ambient humidity levels resulting in equipment deterioration.
11-20	97-3009	Operations Group/Operations Support Facility	59,767.8	11	12	There is a need to consolidate and modernize existing facilities currently spread out in four separate building throughout the installation.
11-21	02-3014	SOF JSOU Headquarters Facility Phase II	135,223.7	11	12	New headquarters needed to provide administrative and classroom spaces to accommodate expanded training mission
11-22	04-3014	SOF CV-22 Aircraft Parking Apron	129,223.4	11	12	This project is required to support the new CV-22 Osprey aircraft scheduled for beddown at Hurlburt Field replacing the MH53J Pave Low helicopters currently used by Special Operations Forces.

This EA is not a programmatic document. All projects detailed in this EA are addressed at a level sufficient to allow them to proceed to funding and construction without additional NEPA documentation. This approach is possible given Hurlburt Field's planning foundation developed over the past decade and the installation's close coordination with regulatory agencies and local governmental entities on a routine basis.

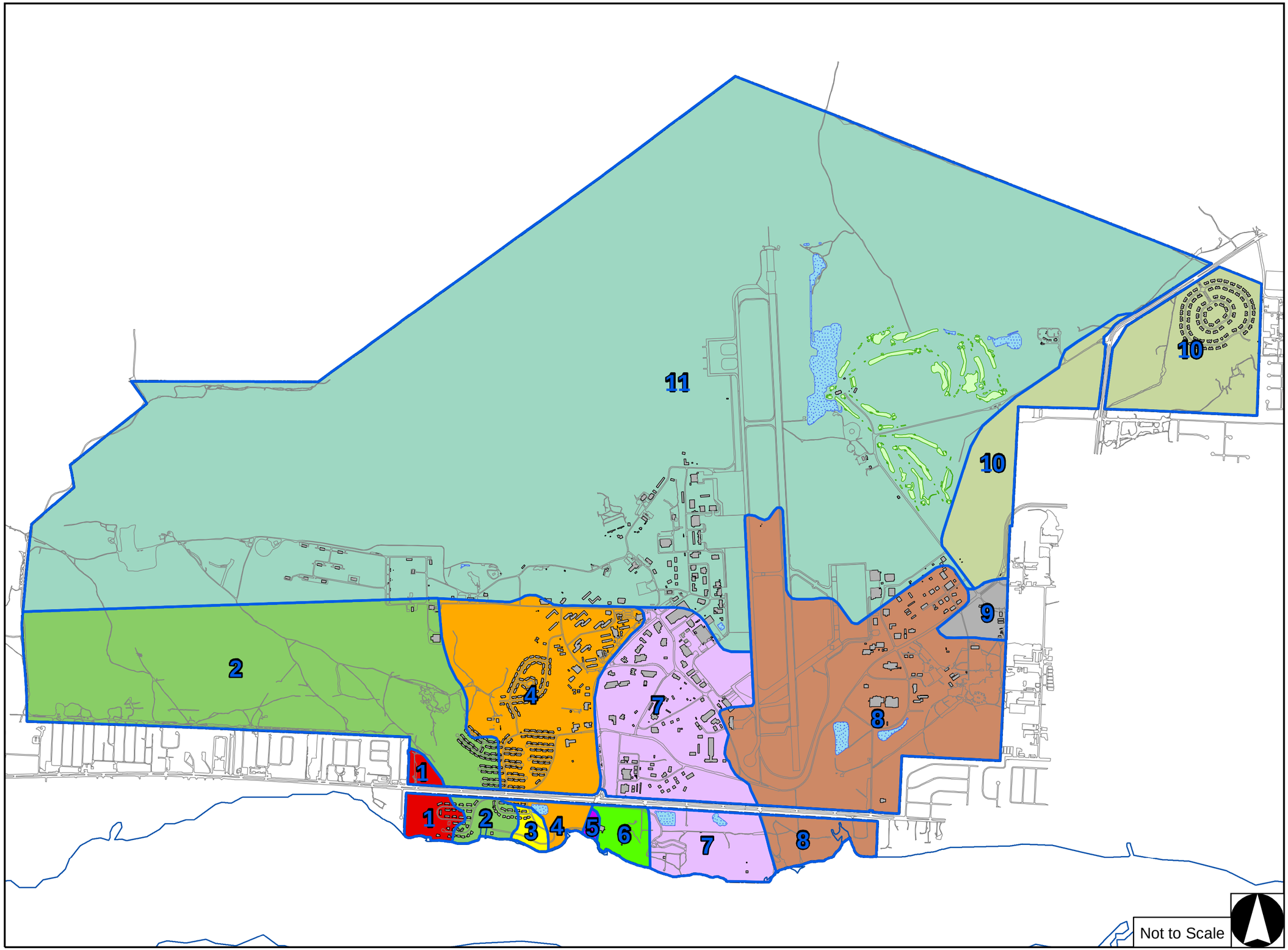
Extensive documentation has been developed for such environmental constraints as jurisdictional wetlands (both federal and state); rare, threatened, and endangered species habitat; storm surge and floodplain boundaries; contamination areas under the Installation Restoration Program (IRP); noise contours associated with AICUZ; and groundwater usage. The location, nature, and extent of environmental and operational constraints have been incorporated into the Hurlburt Field Geographic Information System (GIS) and are available on a site-specific basis as shown later in this EA and its appendices. These constraints have, for the most part, been avoided during the preliminary siting process. Existing agency agreements such as Hurlburt Field's 10-year wetland permit, various Land Use Controls (LUC), and regional groundwater withdrawal agreements will be discussed throughout the environmental analysis, and these agreements will continue to be honored as previously agreed to with the respective agencies.

The approach to bundling of a number of future projects provides a distinct advantage when addressing cumulative impacts. This is particularly true in the areas of storm water runoff (quantification of net changes in sub-basin impervious surfaces), total wetland impacts from area development, potable, and non-potable water demand changes, infrastructure requirements, and traffic pattern and congestion changes.

1.5 GIS COMPONENT TO THE EA ANALYSIS

Hurlburt Field is able to meet its NEPA requirements as detailed in AFI 32-7061 most efficiently by using up-to-date GIS site information on environmental and operational opportunities and constraints. The approach changes traditional environmental analysis methodologies of "predict, mitigate, and implement" by adding two additional components—monitor and adapt. This will allow environmental professionals at Hurlburt Field the ability to monitor the accuracy of impact predictions as time progresses and will allow flexibility to reduce impacts when needed.

This EA was prepared in conjunction with the development of an environmental GIS database for Hurlburt Field. Beginning with the individual future projects covered under SRM and MILCON funding sources, a GIS database of individual projects was developed and combined with existing environmental data for Hurlburt Field such as wetlands, rare species locations, floodplains, quantity/distance explosive safety arcs, and noise contours. After completion of the base mapping process, GIS analysis tools were used to determine, where possible, quantifiable environmental impacts resulting in a detailed map for each project. For the purposes of analysis, the installation was divided into 11 previously identified storm water sub-basin areas (Figure 4). The cumulative impacts of proposed General Plan projects in each storm water sub-basin were determined and then combined with an end result of a base-wide environmental analysis. Using GIS technologies, both the individual and cumulative environmental impacts of many projects were able to be examined. In addition, the initial GIS database can be altered and expanded providing the staff at Hurlburt Field with a living database that can aid in future environmental analysis. A complete list of MILCON and SRM projects addressed and analyzed in this EA is provided in Tables 2 and 3 and Figure 4.



Environmental Assessment
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Legend

- Installation Boundary
- Existing Structures
- Golf Course
- Roads
- Shoreline
- Surface Water
- Sub-Basin 1
- Sub-Basin 2
- Sub-Basin 3
- Sub-Basin 4
- Sub-Basin 5
- Sub-Basin 6
- Sub-Basin 7
- Sub-Basin 8
- Sub-Basin 9
- Sub-Basin 10
- Sub-Basin 11

Section 2.0
Purpose and Need



SECTION 2.0 PURPOSE AND NEED

Hurlburt Field (16th SOW) and HQ AFSOC propose to seek funding and construct the CIP projects listed in Table 2 as part of implementation of the Hurlburt Field General Plan (Woolpert, Inc., 2002). As the primary HQ AFSOC installation in the U.S. with highly dynamic and rapidly changing mission requirements, it is essential that Hurlburt have an up-do-date and environmentally sound and documented General Plan reflecting known and projected future facility and infrastructure requirements. These requirements are driven both by evolving mission changes and the need to improve and maintain facilities supporting the existing mission requirements at Hurlburt. General and specific needs or findings identified within the General Plan include the following.

2.1 UTILITIES

- Growth on the east side of the base has increased demand for all utility systems
- Electrical distribution on the east side of the base is hindered by the two feeders supplying power to this side of the base. The current load cannot be equally divided between the two feeders.

2.2 LAND USE

- The base has very little expansion capability due to the existing built environment as well as environmental and operational constraints.
- Direct roadway access from the east to the west sides of the base is limited and contributes to transportation problems.
- Continued development of the east side rotary wing operations area, the Permanent Exercise area, and the Community Center will create the need for supporting uses such as dining, fitness and dormitory facilities.
- Changes in AFSOC missions, including the planned acquisition of the CV-22 aircraft, will place additional demands on developable land and require informed land use decisions.
- Space is limited for the development of aircraft operations and maintenance uses along the existing flight line area.
- Growth of AFSOC and Hurlburt Field, in conjunction with changes in Air Force standards, will place additional demand on both accompanied and unaccompanied housing. Expansion opportunities need to be identified so that Hurlburt can meet existing demand and the needs that additional growth will generate.
- Need to improve the relationship between accompanied housing and community commercial and outdoor recreational uses.
- Need to minimize the conflict between administration and aircraft operations and maintenance activities.

- Availability of medical services to unaccompanied housing areas should be improved.

2.3 TRANSPORTATION

- There is insufficient quantity/capacity at entry gates to provide adequate access to Hurlburt Field for both military personnel and civilians.
- The intersections of major routes that feed Hurlburt Field must be able to accommodate entering and exiting traffic volumes.
- Traffic flow patterns must be smooth and efficient to minimize vehicle delay throughout the installation.
- Pavement and sidewalk conditions must be maintained and improved where necessary.
- Parking must be sufficient to accommodate current and future personnel.

2.4 CAPITAL IMPROVEMENTS

- There is base wide potential to consolidate organizations and eliminate outdated structures in an effort to create development parcels.
- There is potential to relocate several uses on the west side of the base to more remote locations to reduce congestion.
- The relocation of several small storage facilities along the west side flight line will open up prime flight line development space.
- The possible relocation of Cruz Avenue to the west will provide space for increased parking in the west side flight line area.
- The reconfiguration of the base supply/open storage yard may create additional space for industrial-related uses needed to support the flying mission.
- There is room for the expansion of the west side apron north of the Commando hangar after several aircraft ground equipment (AGE) facilities are relocated.
- The possibility of building multi-story facilities base-wide exists; thus, reducing building footprints and leaving space for additional parking.
- Space for the development of additional modern dormitories exists after the removal of Buildings 90322, 90323, 90329, 90330, 90334, 90343, and 90349. Space was recently created by the removal of Buildings 90344 and 90350.
- There is an opportunity to further develop the “office park” in the Industrial Core Area south of Hartson Street.

Without an up-to-date General Plan to guide development, identify potential facilities sites, and set priorities; Hurlburt risks losing its ability to meet mission requirements in a timely, economical, and efficient manner. Furthermore, without adequate, quickly available NEPA documentation, individual project funding can be jeopardized even if the project is part of General Plan implementation.

Justification for each individual project addressed in this EA is provided in project-specific DD Forms 1391 (Appendix C) as well as listed in Table 3. These sources are on file and available from the16th Civil Engineering Squadron (CES) and they can be consulted if necessary. A brief description excerpted from 1391s for each project by sub-basin (when available) is provided in the Table 3.

Section 3.0
Description of Proposed Action and Alternatives



SECTION 3.0 DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES

3.1 ALTERNATIVE 1 (IMPLEMENTATION OF BUNDLED FIVE-YEAR CIP PROJECTS)—PREFERRED ALTERNATIVE

This alternative would involve selecting the CIP projects programmed for funding and construction over FYs 05 to 11 that would require an EA-level of analysis, analyzing them as one action, and completing a single decision document (FONSI) (see Table 2 for a list of projects and Figure 5). As discussed in Section 1.0, the selection of the projects to include or exclude for analysis in this EA as part of Alternative 1 was based on the following rationale:

- Most of the projects addressed in Alternative 1 are programmed through MILCON or are larger SRM projects.
- Projects obviously eligible for existing Air Force-approved CATEXs are not included for analysis under this alternative.
- Demolition projects are discussed primarily in terms of their relationship to construction projects such as making room for new projects or increasing open space land use. A major example of this would be the planned demolition of 306 units of single family military housing in the Pine Shadows and Live Oak Terrace areas on the western portion of the base north of US 98. This action, which is part of a larger military family housing privatization program, is discussed in terms of the substantial land use change associated with it. Total square footage associated with all programmed demolitions is also used in determining rough approximations of net changes in impervious surface areas by sub-basin. Demolition projects are included for reference in Table 4.
- Future projects that would obviously require very extensive regulatory agency coordination, complex permitting requirements, extensive mitigation, and possible evaluation through development of an EIS. The proposed Marina Basin Expansion along Santa Rosa Sound was one such project, which is not addressed in this EA. As a result, the Marina Basin Expansion project will require individual NEPA analysis. Other possible future programs and projects falling into this category of extensive coordination and not covered in this EA also include plans for a Mission Rehearsal Isolation Area (MRIA) east of the airfield and the beddown of CV-22 (Osprey) aircraft. This latter program was documented in an earlier EA and FONSI, which now requires updating due to projected changes in the beddown (AFCEE, 2001).

Demolitions scheduled as part of Alternative 1 are shown in Table 4.

Table 4
Demolitions by Sub-Basin for Alternative 1

Sub-Basin	# of Demolitions	Total Area (SF) of Demolitions
1	0	0
2	45	178,096
3	0	0
4 and 5	138	596,214
6	4	20,015
7	19	114,245
8	9	44,293
9	2	1,687
10	1	2,387
11	40	238,719

3.2 ALTERNATIVE 2 (SITING AND/OR DESIGN OF CIP PROJECTS IN ALTERNATIVE INSTALLATION LOCATIONS)

This alternative would involve constructing and/or designing all of the same CIP projects included in Alternative 1 (Preferred Alternative) but at alternative sites on Hurlburt or using alternative designs at sites adjacent to or nearby the preferred site (Figure 6). The same approach to incorporating build or demolition projects and the same exclusions regarding future highly complex projects with potential regulatory difficulties applies to this alternative as to Alternative 1.

Demolitions associated with Alternative 2 are shown in Table 5.

Table 5
Demolitions by Sub-Basin for Alternative 2

Sub-Basin	# of Demolitions	Total Area (SF) of Demolitions
1	0	0
2	43	171,063
3	0	0
4 and 5	121	527,244
6	0	0
7	4	161,231
8	2	53,445.1
9	0	0
10	0	0
11	11	39,948.8

3.3 NO-ACTION ALTERNATIVE

The No-Action alternative would not construct any of the projects detailed in the Hurlburt Field General Plan or LRFDP. Existing facilities would continue to be used and the only improvements would be related to general maintenance and upkeep. Any new missions that are expected to come on-line at Hurlburt would be required to find space within existing facilities.

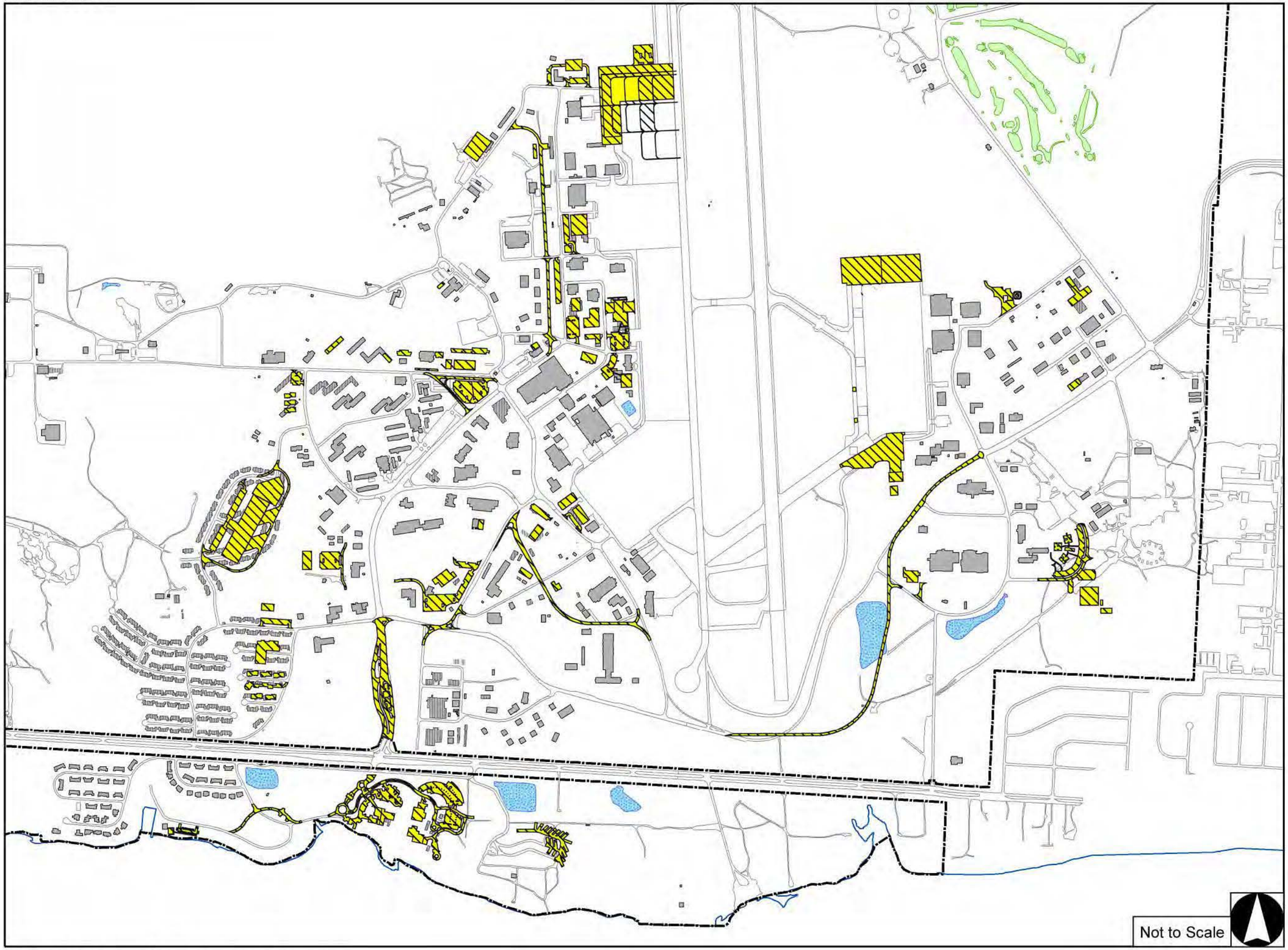
Independently funded projects would likely continue to be constructed and these may require an EA-level of environmental analysis. These types of projects would be addressed individually and, in some cases, possibly tiered from other existing EAs. Planned or programmed demolitions would also likely take place; however, the amount of demolitions would be less than either Alternatives 1 or 2, as any demolitions associated with this alternative would not be tied to any future construction.

3.4 ALTERNATIVE INITIALLY CONSIDERED BUT DISMISSED

3.4.1 Bundled Environmental Analysis of All CIP Projects

This alternative would address all CIP projects extending out 20 years and requiring an EA-level of environmental documentation in one EA document. Extending the analysis beyond even five years becomes impractical due to the difficulty in predicting Hurlburt Field's future mission requirements. As mentioned previously, Air Force Special Operation missions are dynamic and can change focus rapidly in response to changing threats, national defense policies, new technologies, etc. Also, the regulatory environment involving a variety of issue or resource areas is another source of uncertainty in impact analysis. Laws and regulations related to wetlands, floodplains, and storm surge areas, threatened and endangered species, and other areas may change substantially over a 5-year period.

This approach is also procedurally not permissible if following accepted good practices in the development of NEPA documents. According to the CEQ Forty Most Asked Questions Concerning CEQ's NEPA Regulations (Question #32), environmental documentation of on-going programs (such as General Plan implementation) should be re-evaluated every five years to determine the



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- EA Projects
- Installation Boundary
- Demolitions
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- Surface Water

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

- EA Projects- Alternative Sitings
- Installation Boundary
- Demolitions
- Existing Structures
- Golf Course
- Roads
- Shoreline
- Surface Water

Not to Scale

need for a supplement per the requirements of 40 CFR 1509.

As a result of both the practical and procedural problems associated with attempting to develop a NEPA document analyzing the alternative of including all CIP projects out to 20 years was dismissed and will not be analyzed in this EA.

3.5 RESOURCE/ISSUE AREAS NOT ANALYZED

3.5.1 Topography, Geology, and Soils

Elevations range from sea level to approximately 40 feet above mean sea level, and slopes range from 0 to 8 percent. Hurlburt Field soils are sandy, have low fertility and generally high permeability. Depth to bedrock is approximately 500 to 600 feet below the surface at the depth of the Floridan aquifer. There is no karst formation in the Hurlburt area and, therefore, no sinkhole risk. The installation is also in a historically stable seismic area. Overall, the topography, geology, and soils of the Hurlburt area do not impose any unusual constraints to construction nor would the proposed action be expected to have any substantial impact on these resource areas. Also, most of the proposed projects addressed in this EA are within the existing developed area of the installation, in the vicinity of existing structures, and would have building footprints similar to surrounding structures. Therefore, these areas will not be analyzed in this document.

3.5.2 Estuarine Resources

Santa Rosa Sound, which borders the Soundside area of Hurlburt, is known for its lush seagrass beds, beautiful beaches, and value as a marine life nursery as well as its importance as part of the Intercoastal Waterway. East Bay is a Class II water area, which allows oyster harvesting. These estuarine resources are directly and indirectly impacted by land use decisions made on Hurlburt.

Hurlburt Field includes approximately three miles of coastal area bordering Santa Rosa Sound, the southern boundary of the installation. The waters of the sound are considered estuarine, including both salt and brackish waters. Four small estuarine wetland areas totaling 4.3 acres border Santa Rosa Sound within installation boundaries (Woolpert, Inc., 2001). These estuarine wetlands were created by Hurlburt as part of mitigation for wetland impacts under Section 404 Permit Number 199900679. These created wetlands were planted in native saltmarsh cordgrasses, which contribute to the high value that the Sound provides for biological communities in the region. In addition, there are three salt marshes that total 9 acres. They were created under a separate set of permits, two state permits and two federal permits. However, since all impacts to the surrounding estuarine receiving waters are indirect and can be adequately analyzed by examining proposed action impacts on areas such as storm water, floodplains, and wetlands; this resource area will not be addressed in this EA.

3.5.3 Land Use

Land use planning is the foundation of General Plan development and sets the stage for future facility siting and improvements in installation operational efficiency. Therefore, land use issues have already been addressed for each project as part of the General Plan development processes and will not be readdressed in this EA (Woolpert, Inc., 2002).

3.5.4 Historical Resources

A historic building survey has recently been completed for all structures at Hurlburt Field (MWH Americas, Inc, 2004). No structures were found eligible for listing on the National Register of Historic Places. Therefore, historic resources will not be analyzed in this EA

3.5.5 Aircraft Operations

Aircraft operations are not analyzed in this document as the proposed action is concerned with land-based facilities which may or may not be directly related to aircraft operations. Land use and facility changes are influenced by flying mission requirements, but do not, themselves, directly influence the flying mission. Therefore, changes in aircraft operations will not be analyzed in this EA.

3.5.6 Safety and Occupational Health

Safety and occupational health issues are not analyzed in this document as the proposed action is not expected to raise new concerns, except perhaps minor and temporary concerns during the construction phase.

3.5.7 Permitting Issues

Permitting issues are critical for all future actions on the installation, and will require coordination through various regulatory agencies for compliance with applicable regulations. This coordination will have to take place on an individual project basis as facility design becomes more detailed. Mitigation actions required as part of any future permitting will also need to be developed, negotiated, and implemented on an individual project basis. Among the more significant permitting issues are those relating to storm water discharge, wastewater discharge, and wetland impacts. These issues are addressed as appropriate under other resource/issue areas analyzed in Section 5.0.

Section 4.0
Resource/Issue Areas



SECTION 4.0 RESOURCE/ ISSUE AREAS

Topics evaluated in this section and subsequently analyzed in Section 5.0 were selected based on their relevance as indicated by on-site visits, secondary source documents, regulatory agency input, and information from Hurlburt personnel. Figure 7 displays a graphic of the natural resources and Figure 8 displays operational resources at Hurlburt Field.

4.1 GROUNDWATER

Hurlburt Field is underlain by a surficial Sand-and-Gravel aquifer, which includes the Citronelle Formation and the Floridan aquifer of interbedded limestones and dolomite, which is approximately 500 to 600 feet below the surface. The main potable water supply source at Hurlburt, and all surrounding communities is the upper Floridan aquifer, which averages more than 1,000 feet in thickness and produces well yields from several hundred to over 10,000 gallons per minute (gpm).With the rapid rate of regional population growth and accompanying water demand, the Floridan aquifer has lowered 90 feet as a result of extensive pumping in the region. Should this trend continue, increases in saltwater intrusions and decreases in water storage along Santa Rosa Sound are possible (Woolpert, Inc., 2001). Ensuring the long-term sustainability of the Floridan aquifer has become an important regional planning issue requiring cooperation in water conservation among all users of the aquifer. The rapidly developing region of Santa Rosa, Okaloosa, and Walton Counties is designated by the Northwest Florida Water Management District (NFWMD) as a Water Resource Caution Area because of concerns about salt water intrusion, groundwater depletion, and potential contamination.

The potable water system at Hurlburt is permitted and regulated through the Florida Department of Environmental Protection (FDEP), under the authority of Chapter 403, Part IV, Florida Statutes. FDEP also monitors and regulates drinking water standards under the authority of Chapter 62.550, Florida Administrative Code. A number of facilities and all family housing units use potable water from the Floridan aquifer for lawn watering and irrigation. Hurlburt currently has five potable water wells in operation that have a total production capacity of 2,100 gpm, or 3.03 million gallons per day (gpd). Hurlburt Field's Consumptive Water Use Permit, allows a maximum groundwater withdrawal rate from the Floridan Aquifer of 1.390 million gallons per day. Hurlburt developed a water management plan in 2001 to eliminate the use of water from the Floridan aquifer for landscape irrigation and other non-potable uses. For example, the Gator Lakes Golf Course uses surface water from Hurlburt Lake for irrigation. Also, in a regional cooperative effort to reduce reliance on the Floridan aquifer for non-potable use, treated wastewater from the Hurlburt wastewater treatment plant is piped to the City of Fort Walton Beach for industrial use.

The shallow Sand-and-Gravel aquifer in the Hurlburt vicinity ranges in thickness from about 150 feet in the east to some 200 feet near the center of the installation. Yields of more than 300 gpm are possible in the main producing zone just southeast of Hurlburt Field (Woolpert, Inc., 2001). Many individual facilities on Hurlburt have irrigation wells that draw water from the shallow Sand-and-Gravel aquifer.

4.2 SURFACE WATER AND STORM WATER

Hurlburt Field has 11 storm water sub-basins and 10 outfall structures (see Figure 4) (MWHA, 2002). Drainage Basin 11 is by far the largest and roughly encompasses the northern half of the installation—emptying into East Bay Swamp and East Bay River flowing west into East Bay. Drainage Basin 10 includes Commando Village where surface waters drain southward off-installation, as well as the northern half of the eastern base perimeter where surface waters flow eastward, eventually into Cinco Bayou. The remaining nine drainage basins largely take surface water flow southward into Santa Rosa Sound. In addition to natural drainage patterns there are man-made drainage ditches that flow into wetlands and other natural surface waters to the north and south. Potential changes in quantity and quality of storm water runoff from the developed areas of Hurlburt have important implications for the protection of sensitive estuarine and freshwater receiving waters.

Hurlburt has an up-to-date Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with Air Force Instruction 32-7014, Water Quality Compliance, and in compliance with the National Pollutant Discharge Elimination System Storm Water Permit issued by the USEPA. The SWPPP identifies all industrial and potential sources of non-point source pollutants occurring within the 11 distinct drainage sub-basins on Hurlburt Field (Figure 4). Section 319 of the Clean Water Act requires the use of best management practices (BMPs) to prevent storm water pollution from industrial operations as well as from construction sites and from grounds maintenance. BMPs associated with grounds maintenance include percolation trenches, vegetated retention/ detention basins, natural mulches, geosynthetics, and other measures as necessary, to reduce non-point source pollution. In addition, slow-release fertilizers are to be used when possible to reduce nutrient release into run-off from improved grounds.

Storm water runoff is controlled through a combination of man-made and natural structures including drainage ditches, five regional storm water retention ponds, and wetlands (refer to Section 4.5: Wetlands). Drainage ditches are used throughout Hurlburt to channel storm water into the retention and detention ponds. The three ponds located south of US 98 are the Southwest, South Central, and Southeast Regional Storm Water Ponds. The other two are located south of Independence Road (East Regional Storm Water Pond) and on the south side of Loop Road, south of the commissary (Loop Road Regional Storm Water Pond). These retention and detention areas are not always filled with standing water; some are dry unless a storm event occurs. All of the regional ponds are equipped with automatic samplers at their outlets, and the East Regional Pond also has an automatic sampler in the inlet.

Surface water and storm water issues are analyzed with this EA in the context of storm water runoff changes expected by the proposed action. The 11 sub-basins are used as an organizing principle in the development of the EA with projects within a given storm water sub-basin analyzed together.

4.3 FLOODPLAINS

Numerous areas of Hurlburt Field are within the 100-year floodplain, as shown in Figure 7. A majority of the northeast and northwest portions of the installation is included in the floodplain associated with East Bay River and East Bay Swamp. Other small floodplain areas are scattered to the east and west of the airfield and also occur in a floodplain/storm surge fringe along Santa Rosa Sound (Woolpert, Inc., 2002). Many of the floodplain areas on Hurlburt Field correspond with documented wetland areas. This is due to the extensive swamps, marshes, ponds, and bayous that occur in and around Hurlburt Field. Per Executive Order 11988 (Floodplain Management), any floodplain development requires justification through development of a Finding of No Practicable Alternative signed by HQ AFSOC.

4.4 STORM SURGE AREAS

Storm surge areas are those regions that are subject to high water due to seawater blown inland during tropical storms and hurricanes. The portion of Hurlburt Field principally south of U.S. 98 and bordering Santa Rosa Sound occurs in such an area (Figure 7). Storm surge areas are determined from hurricane inundation zones and represent “worst case scenarios” (such as during high tide) (Table 6) as measured

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

- Installation Boundary
- Existing Structures
- Golf Course
- Roads
- Shoreline
- Retention/Detention Ponds
- Surface Water
- 100-Year Floodplain
- Wetlands

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Non-native (Invasive) Plants
- Rare Animals
- Rare Plants

Not to Scale

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

- Installation Boundary
- Existing Structures
- Golf Course
- Roads
- Shoreline
- Surface Water
- Airfield Clear Zone
- IRP
- Noise Contours
- Q/D Arcs
- Env. Points of Concern

Not to Scale

on the National Oceanic and Atmospheric Administration's Saffir Simpson Scale. According to the National Weather Service, Category 1 storms, with winds of 74-95 mph, occur on average once every 10 years. Category 2 storms, with winds of 96-110 mph, occur in the Hurlburt region with a frequency of once every 27 years. Category 3 storms, with winds of 111 to 130 mph, occur about once every 42 years on average. Category 4 storms, with winds of 131 to 155 mph, and Category 5 storms, with winds greater than 155 mph, have not occurred historically in the Hurlburt Field region (see Table 6). Each of these categories results in higher amounts of water coming ashore and flooding areas. As seen in Table 6, each storm surge category builds upon each other and results in greater flooding potential for facilities in those areas.

Table 6
Hurricane Storm Categories, Wind Speed, Storm Surges, and Frequencies in the Hurlburt Field Area

Storm Category	Wind Speed	Storm Surge Elevations	Average Frequency
1	74 to 95 mph	3.5 Feet	Once in 10 Years
2	96 to 110 mph	5.0 Feet	Once in 27 Years
3	111 to 130 mph	10.5 Feet	Once in 42 Years
4	131 to 155 mph	15.5 Feet	No Historical Occurrence
5	>155	17.5 Feet	No Historical Occurrence

Sources: National Weather Service, 1995.
National Hurricane Center, 1995.

Two Category 3 hurricanes have made landfall near Hurlburt over the past ten years. In 1995, the eyewall of Hurricane Opal passed seven miles west of Hurlburt Field resulting in maximum sustained winds of 84 mph and gusts to 144 mph (National Hurricane Center, 2001). The storm surge elevation associated with Opal came up to about the 8.5 foot contour line. On September 16, 2004, Hurricane Ivan made landfall near Gulf Shores, AL as a strong Category 3 hurricane. Peak sustained winds at Hurlburt with this storm were 119 mph accompanied by a storm surge that ranged from 10.30 feet in Gulf Breeze, Florida to 6.12 feet at the Fort Walton Beach Brooks Bridge.

Categories 1 and 2 hurricanes will flood low coastal areas on Hurlburt south of US 98. Categories 3, 4, and 5 hurricanes will impact low areas north of US 98 that are southeast of the flight line along with an area of housing and administrative buildings that are approximately 1,100 feet north of the highway (Woolpert, Inc., 2002). From a human safety and a practical construction standpoint, Hurlburt adheres to general construction standards as defined in Florida's Coastal Protection Act when siting facilities within potential storm surge areas along Hurlburt Field's Santa Rosa Sound shoreline.

4.5 COASTAL ZONE MANAGEMENT (CZM)

The CZM Act of 1972 requires federal facilities to carry out their activities in a manner consistent with the state's coastal zone management program. The entire state of Florida is considered to be within the coastal zone, as regulated by the Florida Coastal Zone Protection Act of 1985 and administered by FDEP. As a result, the state has the authority to review federal actions for consistency with the Florida Coastal Management Program (FCMP). The FCMP consists of a network of 23 Florida Statutes administered by eleven state agencies and four of the five water management districts (see Table 8 in Section 5.2.3). Under Florida's program, permits are required for any erosion control devices, excavations, or erection of structures within the coastal construction control line (CCCL). This line extends landward from the shores along the Gulf of Mexico, excluding Choctawhatchee Bay, and its potential inland extent of erosion due to a 100-year storm. As Hurlburt Field borders Santa Rosa Sound, that portion of the mainland has no designated CCCL; however, county regulations require a 50- foot setback from the mean high water line for all new principal structures. Project information is submitted for review by a State Clearinghouse, which coordinates the review process. Consistency reviews of projects which require permits from the USACE, US Coast Guard, or require a State Environmental Resource Permit are conducted during the state permit review and must include an evaluation on the project based upon Florida's 23 statutes (see Table 8 in Section 5.2.3). Any CZM issues are discussed from a regional perspective in Section 5.2.3, and a draft of this EA will be submitted to the State of Florida for a consistency determination of the overall proposed action.

4.6 WETLANDS

Wetland areas are abundant throughout the installation and include swamps, cypress heads, marshes, ponds, and bayous. Around 3,400 acres of jurisdictional wetlands exist as listed under federal and/or state standards, comprising 52 percent of the land area on Hurlburt Field (Figure 7) (Woolpert, 1998). Air Force Instruction 32-7064 directs that all installations shall develop and maintain current inventories of wetlands in order to plan for long-term protection or mitigation. Federal regulations applicable to wetlands include Executive Order (EO) 11990 and Section 404 of the Clean Water Act.

Formal delineations of state and federal jurisdictional wetlands were conducted in 1995-97 and confirmed by the U.S. Army Corps of Engineers (USACE) Panama City office and the FDEP (Woolpert, 1998). The majority of wetland areas occurs within the northern half of the installation and is contiguous with East Bay Swamp. The most common wetland types within the installation include cypress-gum swamps/ cypress domes, shrub wetlands, and herbaceous wetlands. Within the installation, cypress-gum swamp habitat is most prevalent within the northern half of the installation, which borders East Bay Swamp. Herbaceous wetlands are generally infrequent and small (Woolpert, Inc., 2001). Wetland areas are the primary limiting factor to the expansion of Hurlburt facilities beyond currently developed areas.

Agreements and permits between Hurlburt, the State of Florida, and the USACE are currently in effect and must be honored in any future development planning. A Section 404 permit [Permit Number 199900679 (IP-DH), expiration date September 24, 2010] has been obtained from the USACE that includes all projects from the 10-year development plan and their associated wetlands impacts. Similarly, a wetland permit has been obtained from the Florida DEP that requires the preservation and enhancement of the majority of the installation's wetlands as mitigation for the permitted action (Woolpert, Inc., 2002). Most future developments will require new permitting from the USACE and FDEP. In this regard, the establishment of a wetlands mitigation bank (salt marsh as well as possible freshwater wetlands off of the installation) would facilitate any needed permitting for new construction on Hurlburt.

Some of the projects programmed within Alternative 1 and 2 include wetland areas that have already been permitted. The analysis for this EA will classify wetland impacts in terms of its permitted status (permitted or un-permitted) in addition to the amount of wetland being impacted.

4.7 FLORA AND FAUNA

The flora of Hurlburt is composed of a diverse number of species that have been extensively studied (Woolpert, Inc., 2002). While much of the plant diversity is concentrated in the western, undeveloped, areas of the installation, smaller pockets of native plant communities are also scattered throughout developed areas. The vegetation at Hurlburt Field within the unimproved areas consists of long-leaf pine flatwoods and cypress swamps. Turf and/or landscaped areas encompass 674 acres of improved and 834 acres of semi-improved grounds on the installation, including a 160-acre golf course (Woolpert, Inc., 2002). Additional plant communities within the installation include sandhill, cypress domes, sand pine scrub, maritime hammock, and some disturbed plant associations.

As off-installation development impacting natural communities continues, preservation of many of these communities within the boundaries of Hurlburt is of regional and, in some cases, national interest. Ecosystem restoration on Hurlburt is on-going and includes limited restoration of long-leaf pine habitat on the western portion of the installation. The restoration of a native long-leaf pine/wire grass community on Hurlburt is associated with a multi-year wetland permit, which must be honored throughout the planning process. In addition to planting long-leaf pines, management involves periodic controlled burning of restored and existing pine flatwoods, which helps control accumulation of a dense flammable understory and the spread of non-native and invasive species.

As with many areas of Florida, invasive plant species management is an important issue on Hurlburt, particularly in disturbed areas transitioning between developed and un-developed areas. Non-native invasive plant species such as Chinese tallow tree (*Sapium sebiferum*) and cogon grass (*Imperata*

cylindrica) are most frequent in disturbed areas, but can reduce floral diversity (and wildlife diversity) in adjacent natural plant community areas as well. Dominant species of plants within the above-mentioned plant communities are described in the Hurlburt Field INRMP (Woolpert, Inc., 2001).

A variety of wildlife is found within Hurlburt Field. Fish species are found in Hurlburt Lake, several golf course ponds, the East Bay River, and in several large drainage ditches (Woolpert, Inc., 2002). Terrestrial vertebrate fauna that occur within the installation include many species of amphibians, reptiles, mammals, and birds (both resident and migrant). A master list of potential vertebrate fauna (terrestrial and aquatic) for the installation, with observed species noted, is provided in the INRMP (Woolpert, Inc., 2001).

4.8 RARE, THREATENED, AND ENDANGERED (RTE) SPECIES

A number of state RTE plant species occur on Hurlburt, with the greatest density of these species occurring on the wetland areas in the western portion of the installation (Woolpert, Inc., 2001). No federal endangered plant species have been located on the installation, though the former federal candidate white-top pitcherplant (*Sarracenia leucophylla*) is frequent in cypress domes and wet flatwoods across the base (Figure 7) (Woolpert, Inc., 2002).

Important habitat areas for threatened and endangered fauna are widespread on Hurlburt Field, as shown in Figure 7. The majority of critical fauna habitats are in the western portion of the installation and include pine flatwoods as well as cypress head wetlands. A total of 19 rare animal species have been discovered to date, though only three of five possible federal-listed animals have been historically reported within or adjacent to the installation—the flatwoods salamander, bald eagle, and red-cockaded woodpecker (see Table 7 and Figure 7).

The flatwoods salamander is a federal threatened species that breeds in flatwoods ephemeral wetlands during the fall. This amphibian was observed at seven locations during surveys west of the EOD area by the FNAI (FNAI, 1993, 1994a). Surveys in 1999 and in 2000 further determined that 12 additional wetlands have the potential as breeding sites

Table 7
Species of Federal-Listed Animals Possible at Hurlburt Field

Scientific Name	Common Name	Federal Status
Ambystoma cingulatum	Flatwoods Salamander	Threatened
Drymarchon corais couperi	Eastern Indigo Snake	Threatened
Charadrius Melodus	Piping Plover	Threatened
Haliaeetus leucocephalus	Bald Eagle	Threatened
Picoides Borealis	Red-Cockaded Woodpecker	Endangered

Sources: Labat-Anderson, Inc., 1994.
Florida Fish and Wildlife Conservation Commission, 1997.

(Printiss and Hipes, 2000). However, salamanders have not yet been found in these wetlands. Because of weather conditions not conducive to salamander breeding in the fall of 1999 and of 2000, surveys are continuing. The salamander will be assumed to occur in all potential breeding sites until proven otherwise.

Two former gopher tortoise populations on Hurlburt reported by Printiss and Hipes (1997) no longer exist. The small, isolated population in the southwestern section of the installation apparently died out or migrated out of the area. Tortoises from the isolated population east of Loop Road were relocated into a larger population within Eglin AFB. Without gopher tortoise burrow habitat, the federal threatened indigo snake is also not expected to be found on Hurlburt Field.

The piping plover is a federal threatened shorebird that winters along the Gulf Coast on sandy beaches and tidal mudflats (AOU, 1998). Very marginal habitat is available along the installation's southern edge (such as bordering Santa Rosa Sound) and there were no observations of the species by any survey.

The bald eagle is a federal threatened bird that breeds within coastal marshes and adjacent to large rivers and lakes (Printiss and Hipes, 1997) where large isolated trees provide nest sites. While bald eagles are occasionally observed flying over the installation, they have not yet been found breeding within its boundaries.

There has been no red-cockaded woodpecker (RCW) nesting activity on Hurlburt for at least 10 years and no active RCW cavity trees found in over 15 years. Although a few scattered former cavity trees still exist in the vicinity of Commando Village and the Permanent Exercise Facility, the USFWS has indicated that no additional consultation under Section 7 of the Endangered Species Act is needed prior to conducting activities or undertaking construction in these former RCW areas.

State-listed or rare species of vertebrate fauna that were documented during surveys include Bachman's sparrow (*Aimophila aestivalis*), great egret (*Ardea alba*), reddish egret (*Egrette rufescens*), coal skink (*Eumeces anthracinus*), gopher tortoise, osprey (*Pandion haliaetus*), brown pelican (*Pelecanus occidentalis*), and least tern (*Sterna antillarum*) (USAF, 1996; Printiss and Hipes, 1997). A survey across the installation for rare invertebrates was conducted by Flowers in 1997 and again in 2002. Eight species of rare insects were documented, which include two caddisflies, three beetles, one dragonfly, one grasshopper, and one fly.

4.9 ARCHAEOLOGICAL RESOURCES

Past surveys have revealed few prehistoric and historic sites on Hurlburt Field. In 1994 the USACE conducted a survey at Hurlburt Field for archeological resources and produced an archeological sensitivity map based upon areas of high and low probability of finding resources. An area designated as a high probability area typically included locations within 200 miles of potable water and situated no more than 50 feet above water (USACE, 1994). Historically and prehistorically, human occupation at Hurlburt Field was confined to the area around Santa Rosa Sound; therefore, this is the area with the highest potential for historic resources. Nine archaeological sites have been identified from past surveys on the installation. Phase II testing conducted by Brockington and Associates in 1997 resulted in a determination of National Register of Historic Places (NRHP) eligibility for five sites (Woolpert, Inc., 2002). The installation Cultural Resources Management Plan contains details on all known archaeological sites whether or not they are eligible for listing on the NRHP (Woolpert, Inc., 2001). Based on these earlier studies, zones of probability (high, medium, and low) have been identified for various areas of Hurlburt. Ground-disturbing activities in any high probability areas should be accompanied by a preliminary archaeological survey. Section 110 and 106 provisions of the National Historic Preservation Act will need to be fulfilled during all future Hurlburt Field development.

4.10 NOISE

To balance the needs of aircraft operations and community concerns, the Department of Defense (DoD) has established the AICUZ program to protect the health, safety, and welfare of those living near military airfields while preserving the flying mission. The AICUZ program at Hurlburt Field delineates various noise level contours (65 to 85 average day-night sound levels, or DNL) and accident potential that can impact future facility sitings and serves as a document to discuss noise issues with local governmental agencies (see Figure 8). Airfield and training operation noise generation is a factor in Hurlburt facility planning and in a continuing dialog with surrounding communities to insure land use compatibility with critical military mission requirements. An EA in support of the CV-22 beddown suggested that existing aircraft noise may be encroaching into Mary Esther (AFCEE, 2001). A follow-up noise study was completed in FY 02 to validate/invalidate this. The results found that noise stayed within the perimeter of the base, therefore no Joint Land Use Study was required (Philip Pruitt, 2004, Personal Communication). The existing 65 dbA noise contours from aircraft operations on the Hurlburt Field flight-line has been shown as completely contained on Hurlburt or extending over water areas.

Low-level ingress and egress of aircraft along flight routes north of Eglin range near Crestview, Florida (west of Hurlburt) has resulted in periodic complaints of noise from local citizens. To deal with these complaints the Special Operations Forces use GPS data points to create no- fly zones over areas where complaints have been received. Aircraft noise, whether generated by engines on fixed-wing aircraft or by engines and blade slap on rotary-winged aircraft, generally present little problem in relation facility siting and land use on Hurlburt. Noise from weapons firing on the Eglin range, traffic noise from surrounding highways, as well as construction

noise on Hurlburt present little impact potential on installation programs (Woolpert, Inc., 2002).

4.11 AIR QUALITY

Hurlburt Field is within the jurisdiction of the Northwest District Air Quality Control Region of the FDEP, which monitors air pollution controls and permitting. Title I of the Clean Air Act requires that all federal facilities conform to the provisions of the State Implementation Plan (SIP). Specifically, the installation is in Air Quality Control Region #5, which encompasses southern Alabama, southern Mississippi, and north Florida. The Clean Air Act Amendments of 1990 (CAAA) are currently the comprehensive federal legislation regulating the prevention and control of air pollution. Title I of the CAAA requires federal actions to conform with the provisions of the approved SIP, which is developed and maintained by FDEP. Title V of the Clean Air Act Amendment (1990) requires identification and characterization of emissions from all minor sources including aircraft maintenance facilities, fuel storage tanks, and emissions from aircraft and motor vehicles. Aircraft represent the major source of air emissions at Hurlburt. Okaloosa County, including Hurlburt, is in an attainment area for all National Ambient Air Quality Standard criteria pollutants—particulates equal to or less than 10 microns in diameter (PM-10), sulfur dioxide, carbon monoxide, nitrogen dioxide, ozone, and lead. There is currently no established baseline of criteria pollutants for the attainment area encompassing Hurlburt.

Major stationary sources of air pollution on Hurlburt Field include: aircraft refueling, storage tanks, vehicle refueling, landfills, architectural and industrial maintenance coatings, aircraft engine test cell, natural gas-fired boilers, fugitive emissions, and auxiliary power generators. Historically, Hurlburt has been classified as a synthetic minor air pollution source. The synthetic minor source designation is defined as sources that have the physical and operational capability to emit major source levels of pollutants, but are not considered major sources because the owner/operator has accepted an enforceable limitation. This designation allows Hurlburt Field to operate without a Title V permit and reduced levels of regulatory screening, but it does limit emissions to levels below a set major source ceiling. Future growth may result in having to apply for a Title V permit at a later date.

Although Hurlburt Field is in an attainment area, construction activities could create localized fugitive dust, and a temporary decrease in air quality from construction equipment emissions. Facility changes will also need to be documented as the facilities are programmed for construction to insure that Hurlburt remains classified as a synthetic minor source.

4.12 INFRASTRUCTURE AND TRAFFIC

Utility issues can become limiting factors in determining the siting of future facilities. Mission support, particularly east of the flightline, continues to drive the need for utility system improvements. Development and redevelopment of facilities require infrastructure support and changes in existing utility systems, however, they also provide opportunities for increased energy efficiency. The infrastructure systems at Hurlburt Field include water distribution, sanitary sewer, storm drainage, natural gas, electrical distribution, communications, and liquid fuels distributions.

As stated previously, Hurlburt currently has five potable water wells in operation that have a total production capacity of 2,100 gpm to 3.03 million gpd. Hurlburt Field is permitted by the State of Florida to pump a maximum combined withdrawal of 1.63 million gpd during a single day. The demand on the existing water system is greatest during the summer months due to use of irrigation systems (Woolpert, Inc., 2002).

The installation's sewage treatment plant is permitted by the State of Florida to treat one million gpd. Based on monthly averages, the plant is currently treating 0.7 million gallons of flow per day. The sanitary sewer system consists primarily of force mains supplied by over 60 lift stations (Woolpert, Inc., 2002). In addition, there is a cooperative program with the NFWMD and the City of Fort Walton Beach to provide treated wastewater to the city for industrial use (Woolpert, Inc., 2001). Industrial wastewater comprises less than four percent of the total flow to the installation's wastewater treatment facility. The vast majority of the industrial wastewater at Hurlburt originates from washracks located in aircraft maintenance

areas. The wastewater is then discharged from oil/water separators located near these aircraft and vehicle maintenance facilities to the wastewater treatment plant.

There are five storm water detention or retention ponds on the base: one at the south end of the runway (East Retention Pond), one along the south edge of Loop Road (Loop Retention Pond), one located south of US 98 and Hume Drive (Southwest Retention Pond), two located south of US 98 and west of the arc (South Central Retention Pond and Southeast Retention Pond). All of these ponds discharge to Santa Rosa Sound through three major outfalls (see Figures 2 and 4).

Okaloosa Gas supplies natural gas to Hurlburt Field. The company also owns and operates the system up to the meter. All systems within the buildings are the responsibility of Hurlburt Field. The primary use of natural gas on the base is for hot water and heating.

Gulf Power Company supplies electrical power to Hurlburt Field. There is one substation on the base that converts the incoming 110 kV transmission line to 12.5 kV on-base distribution lines. Gulf Power Company owns the incoming high-voltage transmission line and the Air Force owns the low voltage distribution system on base. The distribution system primarily consists of above-ground power lines.

Communications within the installation include telephone, data networking, radio, and security systems. The base telephone distribution system consists of copper cable, fiber optics, and manhole/conduit. The current distribution scheme is primarily copper wiring. Several non-core buildings require fiber connectivity to support high-speed network connectivity. The base telephone switch is government-owned and operated. The backbone of the data networking system at Hurlburt Field consists of an unclassified LAN that supports approximately 8,500 users. A classified network implemented primarily through Network Encryption Systems and TACLANES resides on the unclassified LAN and supports approximately 800 users.

JP-8, the principal liquid fuel, is delivered to the base by barge. A lightweight offload hose accomplishes barge connection and fuel is transferred to the base by a 4,500 foot underground 8-inch steel pipeline. Three ground product stations are located on the base: AGE, mobility supply and storage, and RED HORSE. A majority of the service stations consist of multiple aboveground storage single wall steel tanks with dispenser pumps. Further details on installation infrastructure systems are provided in the General Plan (Woolpert, Inc., 2002).

A Transportation Plan for Hurlburt Field was completed in the mid-1990s (Woolpert, 1996). Numerous improvements to gates and internal circulation have been made since that time with more planned as part of General Plan implementation. Long-term changes in facility locations impact installation traffic density, internal circulation patterns, and gate usage.

Traffic circulation and parking patterns on Hurlburt Field are a direct result of the travel demand and the available capacity of the road and parking facilities. Safe and efficient traffic circulation is critical to the movement of personnel and materials within as well as onto and off of Hurlburt Field. The Transportation Plan (Woolpert, 1996) revealed five basic areas that needed improvements: Gating/Installation Access Control, Access/ Egress, Traffic Circulation, Road Conditions, and Off-Street Parking. For example, currently, the Main and Lovejoy Gates do not allow efficient entry onto Hurlburt Field, creating excessive stacking on Lovejoy Road, Cody Avenue, and US 98. Also, smooth traffic flow on base is interrupted by traffic entering and exiting numerous curb cuts (Woolpert, Inc., 2002). In addition, reduced parking and street network changes resulting from force protection requirements have put a strain on the parking and circulation of traffic on site. For more in-depth transportation information, refer to the Transportation Plan developed by the 16th CES and Woolpert, Inc.

4.13 REGULATED SPECIAL, SOLID, AND HAZARDOUS MATERIALS AND WASTE

According to Hurlburt Field's Solid Waste Management Plan, which implements Air Force guidance for solid and hazardous waste disposal, contractors transport, process, and dispose of solid waste streams generated on Hurlburt. According to Air Force Instruction 32-7042, Solid and Hazardous Waste Compliance, the Solid Waste Management Plan promotes an

integrated approach to waste collection. Yard waste, wood waste, and shredded paper that are generated on base are taken to Wright Composting and Landfill in Wright, Florida, while construction debris is taken to JMB Landfill in Fort Walton Beach, Florida, and Center Point Landfill in Crestview, Florida. Household garbage, as well as dumpster waste, is transported to Santa Rosa County Landfill in Marianna, Florida. Adequate landfill capacity remains within the region at the present time. In addition, Hurlburt operates a Qualified Recycling Program that has a diversion rate greater than 40 percent (Woolpert, Inc., 2002). Construction, deconstruction, and demolition wastes are handled as part of individual construction contracts and are disposed of off the installation. Pesticide use on Hurlburt is governed through implementation of the annually updated Integrated Pest Management (IPM) Plan. Restricted-use pesticides are applied only by DoD-certified applicators.

When contamination is involved concerning asbestos, lead-based paint, and other materials requiring special handling and disposal, specific qualified contractors are used to remove and dispose of it as described in the Asbestos Management Plan, Asbestos Operations Plan, and Lead-based Paint Management Plan. Asbestos regulation in the State of Florida is the responsibility of the FDEP. DoD installations are required to abide by state and local regulations by Executive Order 12088 and Air Force Instruction 32-1052.

Hurlburt uses above-ground storage tanks exclusively for storage of fuels and POL. JP-8 is delivered to the marine off-loading facility and then piped to storage tanks for flightline refueling use. Hurlburt Field's Spill Prevention Control and Countermeasures (SPCC) address control and clean up of fuel and POL spills. Hurlburt Field is a large-quantity generator of hazardous waste under EPA identification number FL7570024375. The installation has a Hazardous and Special Waste Management Plan which is updated annually (at a minimum) to ensure proper handling, accumulation, and disposal of all hazardous/special wastes generated at the facility. The Hazardous and Special Waste Management Plan defines requirements and responsibilities for reusing, recycling, and disposing of recoverable and used POL are detailed in the Hurlburt Field Recoverable and Used Oil Management Plan.

Hurlburt Field operates under both a Hazardous Waste Management Plan and a SPCC Plan. These documents regulate the use and proper disposal of hazardous materials and specify what should be done if a spill were to occur. The Hazardous Waste Management Program is administered by a Program Manager, a 90-Day Accumulation Point Manager, and an Initial Accumulation Point Manager. The Initial Accumulation points are located in shops or squadrons and deal directly with the day-to-day handling of hazardous waste (Figure 8). There are three 90-Day Accumulation Points, each managed separately. The three areas are located in 16th CES (Buildings 99054, 99055, and 99056), 16th EMS (Building 99070), and 16th TRANS (Building 99094).

Demolition, deconstruction, and construction of facilities as part of long-range planning impact special, solid, and hazardous material use and waste generation. Changes in airfield and roadway paving also often result in substantial solid waste generation.

4.14 INSTALLATION RESTORATION PROGRAM (IRP) SITES

The Hurlburt Field IRP is governed by guidance found in Air Force instruction 37-7020, Environmental Restoration Program. Hurlburt Field's IRP was established in 1993. The 16th CES/CEV assumed responsibility for management of all IRP sites located within the base boundaries in 1998 as a result of a joint Resource Conservation and Recovery Act (RCRA) Corrective Action permit signed by the USEPA, Eglin, and Hurlburt in 1998 (see Figure 8). Hurlburt also entered into a POL Cleanup Agreement with the FDEP in February 1999. Hurlburt, FDEP, and USEPA signed a LUC Memorandum of Agreement (MOA) in 1999. Under the LUC, the installation agrees to specific land use restrictions on contaminated sites in order to protect human health and the environment (see Figure 8). The LUC MOA requires that any major change in land use (*i.e.*, from industrial to residential use) will require at least a 60 day notification to the EPA and FDEP (except in emergency situations). In 2001, Hurlburt Field was issued its own RCRA permit

and during 2002, HQ AFSOC/CEV assumed primacy for the IRP sites.

There are a total of 45 Areas of Concern and IRP sites on Hurlburt, as shown in Figure 8. Landfills 13, 14, 15, 16, 17, 18, 19, and 20; the PCB storage facility; the gunnery butt; and the CE storage yard are IRP sites currently in the LUC program. All of the landfills have native soil cover and have restrictions on penetration or other disturbance of the soil cover. Groundwater from these areas can only be used for non-potable purposes with permission of the IRP Program Manager. The Hurlburt Field IRP Management Action Plan may be consulted for further information on the IRP program; however, the 813 and Dig Permit Process should be utilized prior to any ground penetration on the base.

Section 5.0
Environmental Consequences and Cumulative Impacts



SECTION 5.0 ENVIRONMENTAL CONSEQUENCES AND CUMULATIVE IMPACTS

5.1 INTRODUCTION

This section of the EA provides the analytical basis for the comparison of alternatives as required by 40 CFR 1502.14. This discussion of impacts (effects) is organized according to proposed projects within individual storm water sub-basin areas on Hurlburt Field (Figure 4), and it addresses individual resource/issue areas as discussed in Section 5.0. The No-Action Alternative, Alternative 1 (the Preferred Alternative), and Alternative 2 are discussed within each resource area. To the extent possible the direct, indirect, short-term, long-term, beneficial, and adverse impacts of each alternative are described for each resource area. The impacts discussion centers more on the cumulative approach of environmental analysis than on the individual project approach, as discussed in Section 1.4. However, when individual projects have particularly notable impacts, they are likewise discussed within the following narratives.

In each section, the cumulative impacts are discussed in the context of the definition given in 40 CFR 1508.7. The CEQ regulations, which implement NEPA, require assessment of cumulative impacts in the decision-making process for federal projects. Cumulative impacts are defined as "the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonable foreseeable future actions regardless of what agency (federal or non-federal) or person undertakes such other actions. Cumulative impacts can result from individually minor, but collectively significant actions taking place over a period of time" (40 CFR 1508.7).

Cumulative impacts are considered for the No-Action and the action alternatives. Cumulative impacts were determined by combining the impacts of any given project with potential past, present, and reasonably foreseeable future projects on the installation. This includes possible tenant-organization or NAF-funded projects. Reasonable future cumulative actions listed in the 2002 General Plan for Hurlburt Field included:

- Construction of large projects such as a new proposed marina, the proposed Mission Rehearsal Isolation Area (MRIA), and the proposed CV-22 beddown.
- Demolition projects.

Projects analyzed in this EA are arranged by the storm water sub-basin in which they are located. The exceptions to this approach being in regard to the resource/issue areas of air quality, noise, CZM, and socioeconomic resources, which are discussed in Section 5.2. In addition, those projects in Sub-Basins 4 and 5 are analyzed together. This is due to the high-level of boundary cross-over between projects in these two sub-basins, as well as the small size of Sub-Basin 5. Projects that cross sub-basin boundaries are analyzed within the sub-basin where the majority of the square footage is located, and cross-referenced for each sub-basin impacted. In addition, there are no complete General Plan projects that are totally within Sub-Basins 1, 3, 9, and 10 associated with Alternative 1 and no projects located in Sub-Basins 1, 2, 3, and 6 for Alternative 2

(see Figures 9, 10, 12, 13, 14, 18, 23, and 25): consequently, these sub-basins will not be analyzed at the level of detail as is done for other sub-basins.

5.2 REGIONAL ANALYSIS OF AIR QUALITY, NOISE, AND COASTAL ZONE IMPACTS

5.2.1 Air Quality

All construction activities would have the potential to generate fugitive dust as well as emissions from construction equipment. Requirements to suppress and minimize fugitive dust generation such as the use of water sprays or other suppressants would be included in individual contract specifications and plan notes. As each new General Plan facility is constructed, an evaluation of any associated emission sources would be necessary. This may require a modification of Hurlburt Field's status as a synthetic minor source under the Title V air permit program. Generally, given the offset from scheduled demolitions, improvements in new building energy efficiency, use of best available control technology (BACT), and improved fuel-handling systems (such as a hydrant system); any overall increases in NAAQS criteria pollutant loads as well as hazardous air pollutants from General Plan projects should be very minor, have little impact on long-term regional air quality, and should not change Hurlburt Field's status as a synthetic minor source of air pollution.

5.2.2 Noise

Airfield noise as detailed in the most recent AICUZ study is an operational impact as opposed to most of the General Plan projects, which are facility oriented. The existing 65 dbA noise contours from aircraft operations on the Hurlburt Field flight-line has been shown as completely contained on Hurlburt or extending over water areas. Projects that are contained within the 65 dbA noise contours are classified as being within AICUZ limits.

Currently, there are 37 projects in Alternative 1 and 40 projects in Alternative 2 (out of 56 being considered in this EA) that fall within the AICUZ. On-installation projects falling with the 65 dbh or higher airfield noise contours would presumably be associated with those organizations/activities requiring relatively close proximity to airfield operations as determined in the General Plan. Construction noise would accompany all proposed General Plan projects. In each case, this noise would be short-term in duration and would be limited to normal workday hours. Any projects in proximity of particularly noise-sensitive activities such as classroom areas or medical facilities would require prior coordination before commencement of construction. Generally, implementation of General Plan projects would have short-term, very minor, adverse impacts on the noise environment on Hurlburt Field. The projects would have no impact on areas beyond the installation boundaries of Hurlburt Field.

5.2.3 Coastal Zone Impacts

Coastal zone impacts are not analyzed on a project by project basis since all projects on Hurlburt are considered within the state-defined coastal zone, and the General Plan projects discussed in this EA will be reviewed for consistency through established State Clearinghouse channels. All projects identified in this EA observe the 50-foot setback from the Santa Rosa Sound shoreline, and those projects within potential storm surge areas and areas subject to maximum hurricane impacts will be appropriately constructed to minimize damage potential. Consistency reviews of projects which require permits from the USACE, US Coast Guard, or require a State Environmental Resource Permit are conducted during the state permit review and must include an evaluation on the project based upon Florida's 23 statutes (see Table 8). The nature of the FCMP lends itself to regional analysis, rather than on an individual, project by project basis. Any CZM issues are discussed from a regional perspective, and a draft of this EA will be submitted to the State of Florida for a consistency determination of the overall proposed action.

5.2.4 Socioeconomic Resources

Socioeconomic resources are not analyzed on a project by project basis as all of the projects in all alternatives would occur wholly within the installation. Most aspects of socioeconomic resources are covered in other sections of this EA, such as any impacts associated with

Table 8
Florida Coastal Management Plan Proposed Action Checklist

Statute	Consistency	Scope of Statute
Chapter 161: Beach and Shore Preservation	Not applicable to proposed activities.	Authorizes the Bureau of Beaches and Coastal Systems within the Department of Environmental Protection to regulate the construction on or seaward of the state's beaches.
Chapter 163, Part II: Growth Policy; County and Municipal Planning; Land Development Regulation	Not applicable to proposed activities.	Requires local governments to prepare, adopt, and implement comprehensive plans that encourage the most appropriate use of land and natural resources in a manner consistent with the public interest.
Chapter 186: State and Regional Planning	Not applicable to proposed activities.	Details the state level planning requirements. Requires the development of special statewide plans governing water-use, land development, and transportation.
Chapter 252: Emergency Management	Not applicable to proposed activities.	Provides for the planning and implementation of the state's response to natural and manmade disasters, efforts to recover from natural and manmade disasters, and the mitigation of natural and manmade disasters.
Chapter 253: State Lands	Not applicable to proposed activities.	Addresses the state's administration of public lands and property of this state and provides direction regarding the acquisition, disposal, and management of all state lands.
Chapter 258: State Parks and Reserves	Not applicable to proposed activities.	Addresses the administration and management of all state parks and reserves.
Chapter 259: Land Acquisition for Conservation or Recreation	Not applicable to proposed activities.	Authorizes acquisition of environmentally endangered lands and outdoor recreation lands.
Chapter 260: Recreational Trails System	Not applicable to proposed activities.	Authorizes acquisition of land to create a recreational trail system and to facilitate the management of the system.
Chapter 267: Historical Resources	Archaeological and historical resources found on Hurlburt Field have been identified and none of the proposed projects within this EA will impact known archaeological/historical resources.	Addresses the management and preservation of the state's archaeological and historical resources.
Chapter 288: Commercial Development and Capital Improvements	Not applicable to proposed activities.	Provides the framework for promoting and developing the general business, trade, and tourism components of the state economy.
Chapter 334: Transportation Administration	Not applicable to proposed activities.	Addresses the state's policy concerning transportation administration.
Chapter 339: Transportation Finance and Planning	Not applicable to proposed activities.	Addresses the finance and planning needs of the state's transportation system.
Chapter 370: Saltwater Fisheries	Not applicable to proposed activities.	Addresses the management and protection of the State's saltwater fisheries.
Chapter 372: Wildlife	Not applicable to proposed activities.	Addresses the management of the wildlife resources of the state.
Chapter 373: Water Resources	Not applicable to proposed activities.	Addresses the state's policy concerning water resources.
Chapter 375: Multipurpose Outdoor Recreation; Land Acquisition, Management, and Conservation	Not applicable to proposed activities.	Develops a comprehensive multipurpose outdoor recreation plan to document recreational supply and demand, describe current recreational opportunities, estimate the need for additional recreational opportunities, and propose a means to meet the identified needs.

Table 8 Florida Coastal Management Plan Proposed Action Checklist		
Statute	**Consistency**	**Scope of Statute**
Chapter 376: Pollutant Discharge Prevention and Removal	Best management practices and usages of Hurlburt Field's existing pollution prevention/hazardous waste management plans will be used as part of the implementation of projects analyzed in this EA in order to reduce any possible discharges or storage issues.	Regulates the transfer, storage, and transportation of pollutants and the clean-up of pollutant discharges.
Chapter 377: Energy Resources	Not applicable to proposed activities.	Addresses the regulation, planning and development of the energy resources of the state.
Chapter 380: Land and Water Management	Not applicable to proposed activities.	Establishes land and water management policies to guide and coordinate local decisions related to growth and development.
Chapter 381: Public Health, General Provisions	Not applicable to proposed activities.	Establishes public policy concerning the state's public health system.
Chapter 388: Mosquito Control	Not applicable to proposed activities.	Addresses the mosquito control effort in the state.
Chapter 403: Environmental Control	Not applicable to proposed activities.	Establishes public policy concerning environmental control in the state.
Chapter 582: Soil and Water Conservation	Best management practices will be utilized throughout implementation of the projects analyzed in this EA to control and prevent soil erosion during construction.	Provides for the control and prevention of soil erosion.
Source: Florida Department of Environmental Protection Website: http://www.dep.state.fl.us/cmp/federal/23_statutes.htm.		

changes in traffic circulation and installation access will be discussed under Infrastructure and Traffic. Impacts resulting from the proposed relocation of military family housing will be addressed as a cumulative impact with reference to the separate Environmental Impact Statement previously prepared for this action. There would be a small increase in regional jobs due to construction at Hurlburt Field. There may also be indirect impacts associated with on-installation mission expansion that could lead to population growth in the surrounding communities. However, these impacts are difficult to quantify and would only have minor impacts to the socioeconomic climate of Hurlburt and the surrounding area. Therefore, socioeconomic resources will not be addressed in this EA.

5.3 SUB-BASIN 1 (FIGURES 9 AND 10)

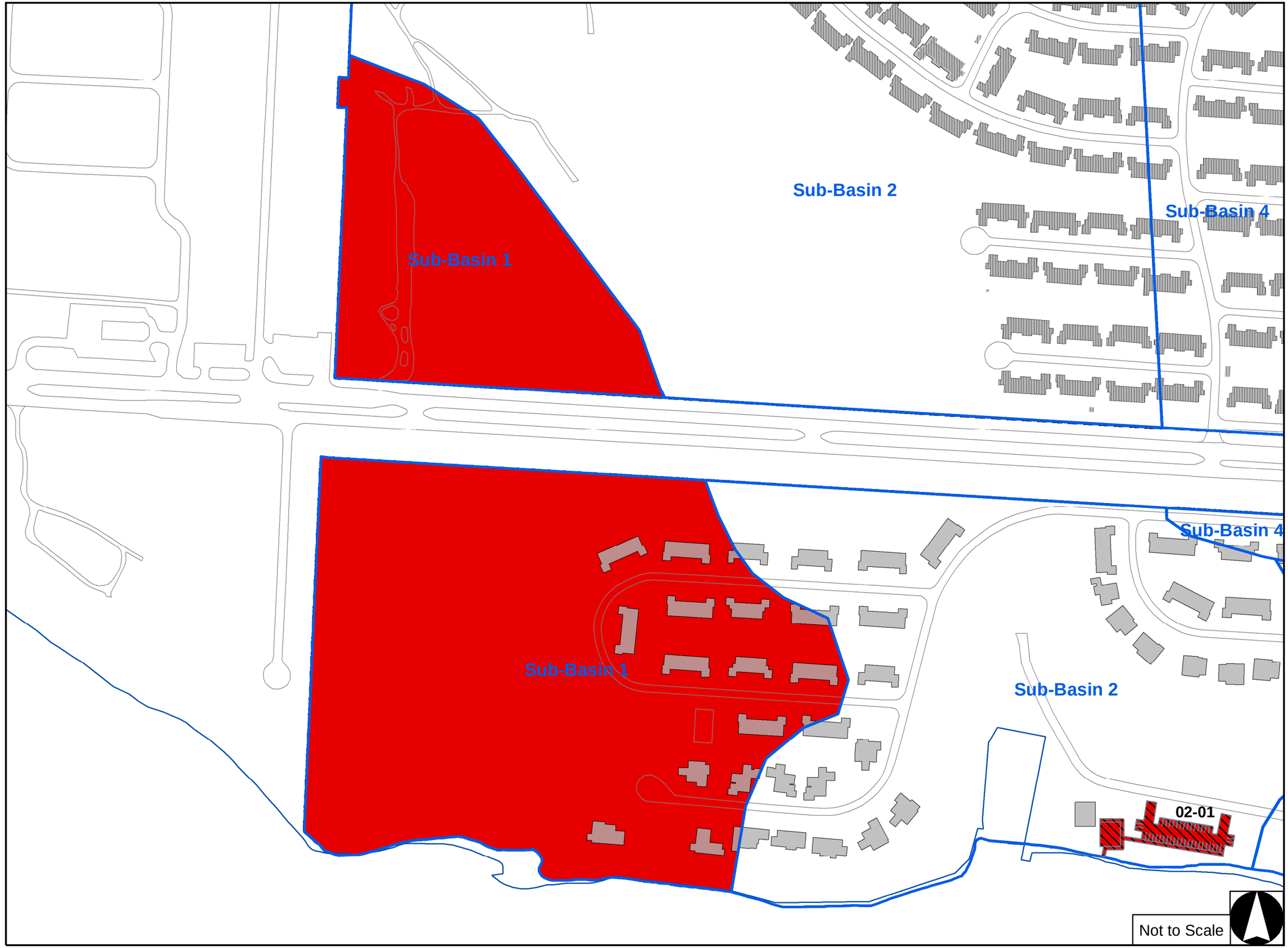
There are no construction projects located solely or partially within Sub-Basin 1. Also, there are no planned demolitions located within this sub-basin.

5.4 SUB-BASIN 2 (FIGURES 11 AND 12)

5.4.1 Overview of Alternative 1

There is one Alternative 1 project located solely within Sub-Basin 2, Project 02-01 (Construct Outdoor Recreation Center, 16 SVS). This project is shown in relationship to the entire sub-basin in Figure 11, with additional site detail in Appendix B. This project consists of constructing an outdoor recreation center along Marina Road. More detailed information on this project can be found in the DD Form 1391 included in Appendix C. A general impact summary for this project within Sub-Basin 2 is calculated in Table 9 and analyzed in the following paragraphs.

Table 9 Impact Summary for Sub-Basin 2, Alternative 1	
Impact Area	**Result**
Floodplains	21,015.9 SF
Within a Storm Surge Area	Category 1, 2, 3, 4, and 5
New Impervious Surface	3,111 SF for Buildings 17,904.9 for Parking/Roads
Demolitions	45 (178,096 SF)



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub Basin 1



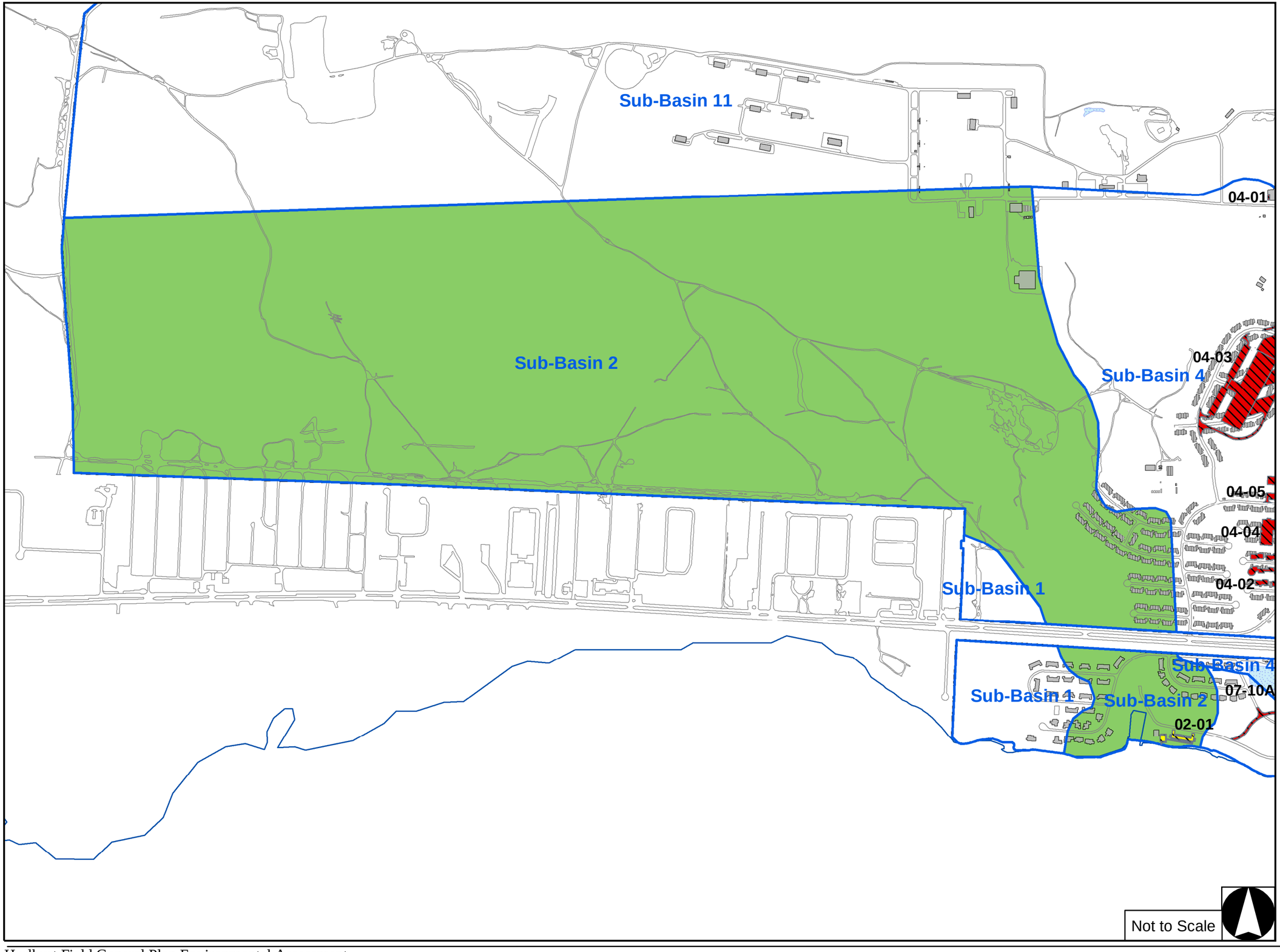
Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 1



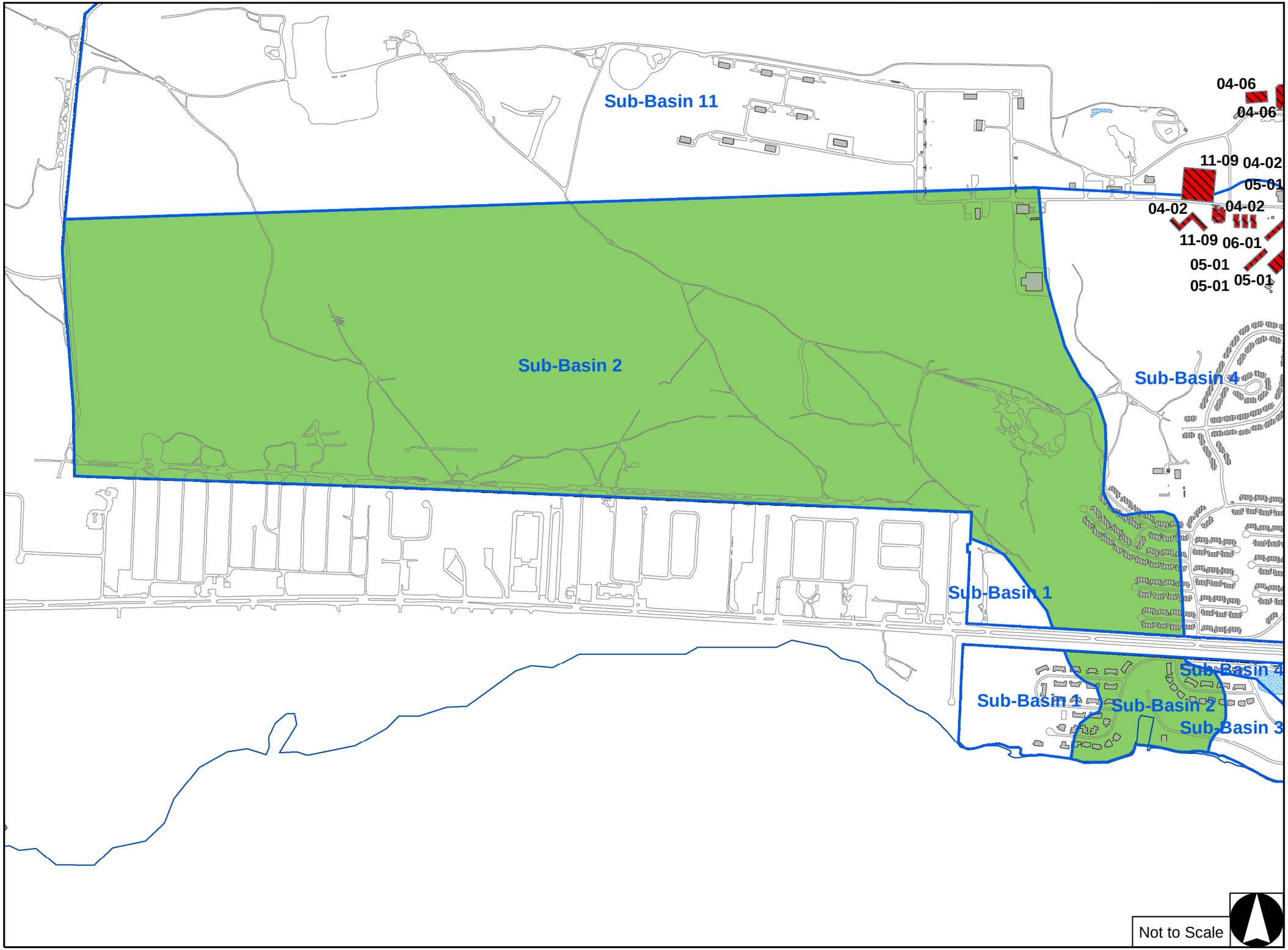
Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 2



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 2

Other projects not in General Plan CIP but having a potential cumulative impact on the environment within Sub-Basin 2 include the demolition of 45 single MFH units as part of the DoD MFH privatization program. Demolition of these housing units would clear approximately 4.0 acres within the southern portion of this sub-basin. The planned demolition of all the MFH units north of US 98 in both Sub-Basins 2 and 4 would open up approximately 99 total acres for redevelopment. The demolition of the family housing area as part of a privatization program involving both Hurlburt Field and Eglin AFB is addressed in an Environmental Baseline Survey (SAIC, 2003) and a Draft EIS (SAIC, 2004) and is addressed here only in terms of its cumulative impact. Project 02-01 would have no impact on the following resource areas—permitted or un-permitted wetland areas, endangered species, cultural resources, hazardous materials/IRP sites, AICUZ, Q/D arcs, or the permit process.

5.4.2 Overview of Alternative 2

There are no Alternative 2 projects located in Sub-Basin 2 and no analysis will be done in this sub-basin. The Alternative 2 site for Project 02-01, would be located wholly within Sub-Basin 7 and is included in the discussion of impacts under that sub-basin.

5.4.3 Analysis

5.4.3.1 Groundwater

- **Alternative 1—**Although the Outdoor Recreation Center project would not draw substantial amounts of potable water from the Floridan Aquifer or the Sand and Gravel Aquifer, the overall reduction in on-installation population resulting from the removal of 306 units (147 of which located in Sub-Basins 4 and 5) of MFH (SAIC, 2003) would cumulatively reduce potable water demand on Hurlburt—at least in the short term. However, new housing being constructed on Eglin AFB would draw from the Floridan Aquifer, which would result in no overall net loss or gain regionally. There would be a short-term, minor, beneficial impact on Floridan Aquifer groundwater supplies following demolition of the housing, but a long-term negligible impact. Additionally, the MFH demolitions along with the proposed Outdoor Recreation Center taken cumulatively would result in a negligible, short-term beneficial impact on recharge of the shallow Sand and Gravel Aquifer underlying Hurlburt. There could be a minor beneficial impact on Sand and Gravel Aquifer recharge since there would be a net decrease in impervious surface area of approximately 157,080 SF, or 3.6 acres. In the long-term, the cumulative impacts on groundwater associated with this alternative would be negligible. There would be no impact to recharge of the deeper Floridan Aquifer since Hurlburt is not in a recharge zone for this aquifer.

- **No-Action Alternative—**The No-Action Alternative would involve no new construction within Sub-Basin 2. However, the MFH demolitions would still take place thereby resulting in a short- and long-term moderate beneficial impact to recharge of the Sand and Gravel Aquifer. This alternative would have no impact on recharge or use of the Floridan Aquifer.

5.4.3.2 Surface Water and Storm Water

- **Alternative 1—**The Outdoor Recreation Center site (Project 02-01) drains via sheet flow directly to adjacent Santa Rosa Sound. Individually, this project would result in a short-term, minor, adverse impact on storm water quality due to potential increases in erosion from demolition and construction activities. Cumulative impacts resulting from initial construction activities and the subsequent long-term net decrease in impervious surface areas (approximate reduction of 157,080 SF) from MFH demolitions should decrease run-off of storm water thus having a short- and long-term, minor beneficial impact. Additionally, the use of lawn and garden pesticides often associated with MFH would be eliminated with a long-term, minor, beneficial impact on storm water quality in this sub-basin.

- **No-Action Alternative**—The No-Action Alternative would involve no new construction within Sub-Basin 2. However, the MFH demolitions would still take place. The result of these demolitions would result in a possible short-term increase in erosion potential followed by a long-term decrease in the quantity and increase in the quality of storm water runoff. Cumulatively, the MFH

demolitions could also improve storm water quality through the long-term reduction of pesticides within this sub-basin.

5.4.2.3 Floodplains

- **Alternative 1—**Project 02-01 is entirely within an identified 100-year floodplain. A Finding of No Practicable Alternative would need to be approved prior to construction. Consequently, Alternative 1 would have a long-term but very minor adverse impact upon the floodplain and flood elevation. The total area of the Outdoor Recreation Center project within 100-year floodplain is approximately 21,015.9 SF (0.48 acre) within Sub-Basin 2. Cumulatively, when taking into consideration the planned demolition of the existing MFH units in Sub-Basin 2, Alternative 1 would have a long-term, minor, beneficial impact upon floodplain capacity.

- **No-Action Alternative—**The No-Action Alternative would result in no construction within Sub-Basin 2. However, cumulatively, the removal of MFH units would have a long-term negligible to minor beneficial impact on floodplain capacity.

5.4.2.4 Storm Surge Areas

- **Alternative 1—**The Alternative 1 project within Sub-Basin 2 includes one habitable structure within identified storm surge areas. Project 02-01 is located in Storm Surge Areas 1, 2, 3, 4, and 5. There have been no recorded cases of hurricanes in the Hurlburt vicinity that have generated storm surge elevations impacting Storm Surge Areas 4 or 5 (Woolpert, Inc., 2001). Storm Surge Areas 1, 2, and 3 were last impacted during Hurricane Ivan in September 2004, which produced storm surges of 6 to 9 feet at Hurlburt (National Hurricane Center, 2005). Individually, this project would have either no or a long-term negligible adverse impact in terms of future potential damage from hurricane storm surges. Coastal Protection Act guidance would need to be used in designing and constructing the outdoor recreation facility to insure a consistency determination under the Florida CZM Program.

  Cumulatively, the removal of existing MFH units currently in Storm Surge Areas 4 and 5 would result in a long-term, minor, beneficial impact in terms of reducing the possibility of future storm damage to installation facilities.

- **No-Action Alternative—**The No-Action Alternative would involve no new construction within any storm surge areas. However, cumulatively, removal of existing MFH units currently in Storm Surge Areas 4 and 5 would result in a long-term, minor, beneficial impact in terms of reducing the possibility of future storm damage to installation facilities.

5.4.2.5 General Flora and Fauna

- **Alternative 1—**Construction of the Outdoor Recreation Facility would require no removal of mature trees from the site. This project would be within Hurlburt Field's developed area, so there would be few impacts on flora and fauna. Individually, this project would have a long-term, negligible adverse impact on landscape trees in the vicinity of the recreation center. When taking into account the probable cutting of numerous mature trees (many are mature live oaks) as part of the MFH demolition, cumulatively, all of the projects in Sub-Basin 2 would have a long-term, moderate adverse impact on landscape trees. Replanting landscape trees (per the installation's tree replacement policy) would mitigate some of the impact. The maximum use of native tree and herbaceous vegetation in all new landscaping should be encouraged as discussed in the Hurlburt INRMP (Woolpert, Inc., 2001).

  The project as well as the MFH demolition project would have a short- and long-term negligible adverse impact on urban wildlife habitat (nest trees, nectar-bearing plants, landscape plantings around quarters, and so on).

- **No-Action Alternative—**The No-Action Alternative would involve no new construction within Sub-Basin 2. However, cumulatively, the loss of mature landscape trees within the existing MFH area would result in a short- and long-term minor to moderate adverse impact.

5.5 SUB-BASIN 3 (FIGURES 13 AND 14)

There are no construction projects located solely within Sub-Basin 3 (see Figures 13 and 14). However, Alternative 1 includes 0.35 acre of Project 07-10A (Base Roadway Improvements) in Sub-Basin 3 and 0.30 acre in Sub-Basins 4 and 5 (see Figure 13). These acreages are the same for impacts to floodplains as well. The majority of Project 07-10A, 1.86 acres (74 percent) occurs within Sub-Basin 7 (refer to that sub-basin section for impact descriptions, including cumulative impacts). Alternative 2 would result in 1.43 acres (100 percent) of roadway in Sub-Basin 7, and there are no floodplain impacts.

There are no planned demolitions located within this sub-basin.

5.6 SUB-BASINS 4 AND 5 (FIGURES 15 AND 16)

5.6.1 Overview of Alternative 1

Projects within these sub-basins (see Figures 15 and 16) for Alternative 1 are listed in Table 10 and are shown in relationship to the entire sub-basin areas in Figure 15 with additional site detail in Table 3 and Appendix B. Several projects with this EA straddle sub-basin boundaries. These projects include Project 05-01 (Soundside Visiting Quarters), which is partially within Sub-Basin 6. Since the majority of this project is contained with in Sub-Basins 4 and 5, it will be discussed within this section. Project 04-07 (SOF JSOU Library/Education Center Com/Language Lab PH 3) has 22,998.7 SF within Sub-Basin 11, and 42,527.9 SF is inside Sub-Basin 7. This project will be discussed in this section under Sub-Basins 4 and 5 since 63,623 SF occur in Sub-Basin 4.

There are 138 demolitions totaling 596,214 SF scheduled for Sub-Basins 4 and 5. Some of these demolitions are programmed in order to facilitate the implementation of the Alternative 1 projects programmed for these sub-basins. These demolitions are addressed here only in terms of their contribution to cumulative impacts of Alternative 1 projects.

The purpose and need for each project listed in Table 10 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

Table 10
Installation MILCON and SRM Projects in Sub-Basins 4 and 5, Alternative 1

Project #	FTEV #	Description
04-01	04-1072	ADAL Fitness Center Building 90517
04-02A	95-3013	Temporary Lodging Facility
04-02B	95-3013	Temporary Lodging Facility
04-03	04-3016	Supply Warehouse
04-04	99-3036	Child Development Center
04-05	03-3022	16th Contracting Squadron Facility
04-06	97-3019	Airmen Leadership School
04-07	02-3015	SOF JSOU Library/Education Center Complex/Language Lab
05-01	03-3020	Soundside Visiting Quarters

The overall impact of all eight projects within Sub-Basins 4 and 5 under Alternative 1 is shown in Table 11 and analyzed in the following paragraphs.

Table 11
Impact Summary for Sub-Basins 4 and 5, Alternative 1

Impact Area	Result
Floodplains	24,740.9 SF (0.57 Acres)
Trees Removed	122 Trees
Within the AICUZ	2 Projects (04-07 and 04-06)
Within a Storm Surge Area	1 Project (05-01)
IRP	49,841.2 SF (1.14 Acres)
New Impervious Surface	8 Facilities; 841,952 SF (19.33 Acres)
Demolitions	138 Facilities; 596,214 SF (13.69 Acres)

An action with substantial cumulative impacts located within Sub-Basins 4 and 5 under Alternative 1 is the planned demolition of 138 MFH units involving about 13.69 acres. These demolitions are related to land use changes as part of the planned total demolition of all existing Hurlburt family housing areas north of US 98. As mentioned above under Sub-Basin 2, the demolition of the MFH area is part of a privatization program involving both Hurlburt Field and Eglin AFB and is addressed in an Environmental Baseline Study (SAIC, 2003) and in a separate EIS (SAIC, 2004). This action is addressed here only in terms of its cumulative impact. General Plan projects in these sub-basins would have no impact on the following issue/resource areas—wetlands (permitted or un-permitted); IRP sites; RTE species; and archeological sites.

5.6.2 Overview of Alternative 2

Alternative 2 projects within these two sub-basins are listed in Table 12 and are shown in relationship to the entire sub-basin areas in Figure 16 with additional site detail in Appendix B.

Table 12
Installation MILCON and SRM Projects in Sub-Basins 4 and 5, Alternative 2

Project #	FTEV #	Description
04-02	95-3013	Temporary Lodging Facility
05-01	03-3020	Soundside Visiting Quarters
06-01	01-5007	Consolidated Club
11-09	02-3010	Addition to Visiting Quarters

The purpose and need for each project listed in Table 12 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

The overall impact of all four projects within Sub-Basins 4 and 5 under Alternative 2 is shown in Table 13 and analyzed in the following paragraphs in the analysis portion of this section.

Table 13
Impact Summary for Sub-Basins 4 and 5, Alternative 2

Impact Area	Result
Un-Permitted Wetlands	90,202 SF (2.07 Acres)
Trees Removed	17 Trees
Within the AICUZ	1 Project is Within the 65 db Contour (Project 11-09)
New Impervious Surface	4 Facilities; 227,017 SF (15.21 Acres)
Demolitions	121 Facilities; 527,244 SF (12.10 Acres)

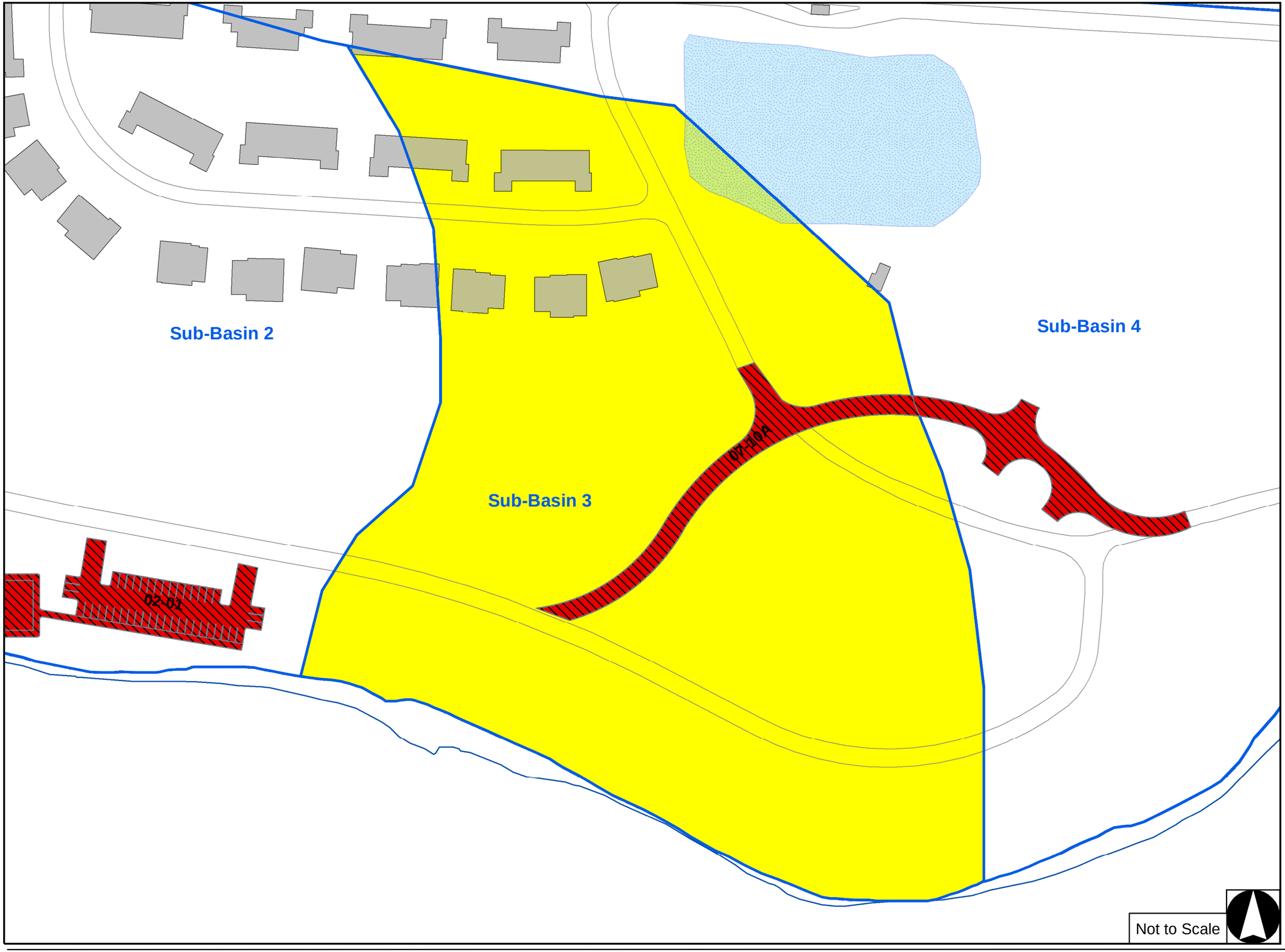
An action with substantial cumulative impacts located within Sub-Basins 4 and 5 under Alternative 2 is the planned demolition of 121 MFH units involving about 12.10 acres. These demolitions are related to land use changes as part of the planned total demolition of all existing Hurlburt family housing areas north of US 98. As mentioned above under Sub-Basin 2, the demolition of the MFH area is part of a privatization program involving both Hurlburt Field and Eglin AFB and is addressed in an Environmental Baseline Study (SAIC, 2003) and will be addressed in a separate EIS. This action is addressed here only in terms of its cumulative impacts. General Plan projects in these sub-basins would have no impact on the following issue/resource areas—storm surge areas; floodplains; IRP sites; RTE species; and archeological sites.

5.6.3 Analysis

5.6.3.1 Groundwater

- **Alternative 1—**There are eight proposed projects in Sub-Basins 4 and 5 that involve the construction of new facilities—some of which would require a connection to the potable water system and which would increase demand on the Floridan Aquifer. None of the individual Alternative 1 projects within Sub-Basins 4 and 5 would directly impact recharge of the Floridan Aquifer. The overall reduction in on-installation population resulting from the demolition of 258 MFH units (138, of which, under Alternative 1, are located in Sub-Basins 4 and 5) would cumulatively reduce potable water demand on Hurlburt—at least in the short term. However, new housing being constructed on Eglin AFB and additional permanent and temporary personnel using new facilities within Sub-Basins 4 and 5 would draw from the same aquifer, which would result in no overall increase or decrease in potable water demand. Additionally, the actions taken cumulatively in these sub-basins (including removal of over 596,214 SF of impervious surface area) would result in a negligible, short-term beneficial impact on recharge of the shallow Sand and Gravel Aquifer underlying Hurlburt. However, construction of the eight Alternative 1 projects within Sub-Basins 4 and 5 would eventually add 841,952 SF of impervious surface resulting in a net increase of 245,738 SF. This increase in impervious surface area could result in a very minor adverse impact on Sand and Gravel Aquifer recharge.

- **Alternative 2**—There are four projects in Sub-Basins 4 and 5 associated with this alternative that involve the construction of new facilities, additions to existing facilities, or roadway modifications. New facilities would add to the demand on the Floridian Aquifer. None of the individual Alternative 2 projects within Sub-Basins 4 and 5 would directly impact recharge of the Floridan Aquifer. The overall reduction in on-installation population resulting from the demolition of 258 MFH units (121, of which,



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

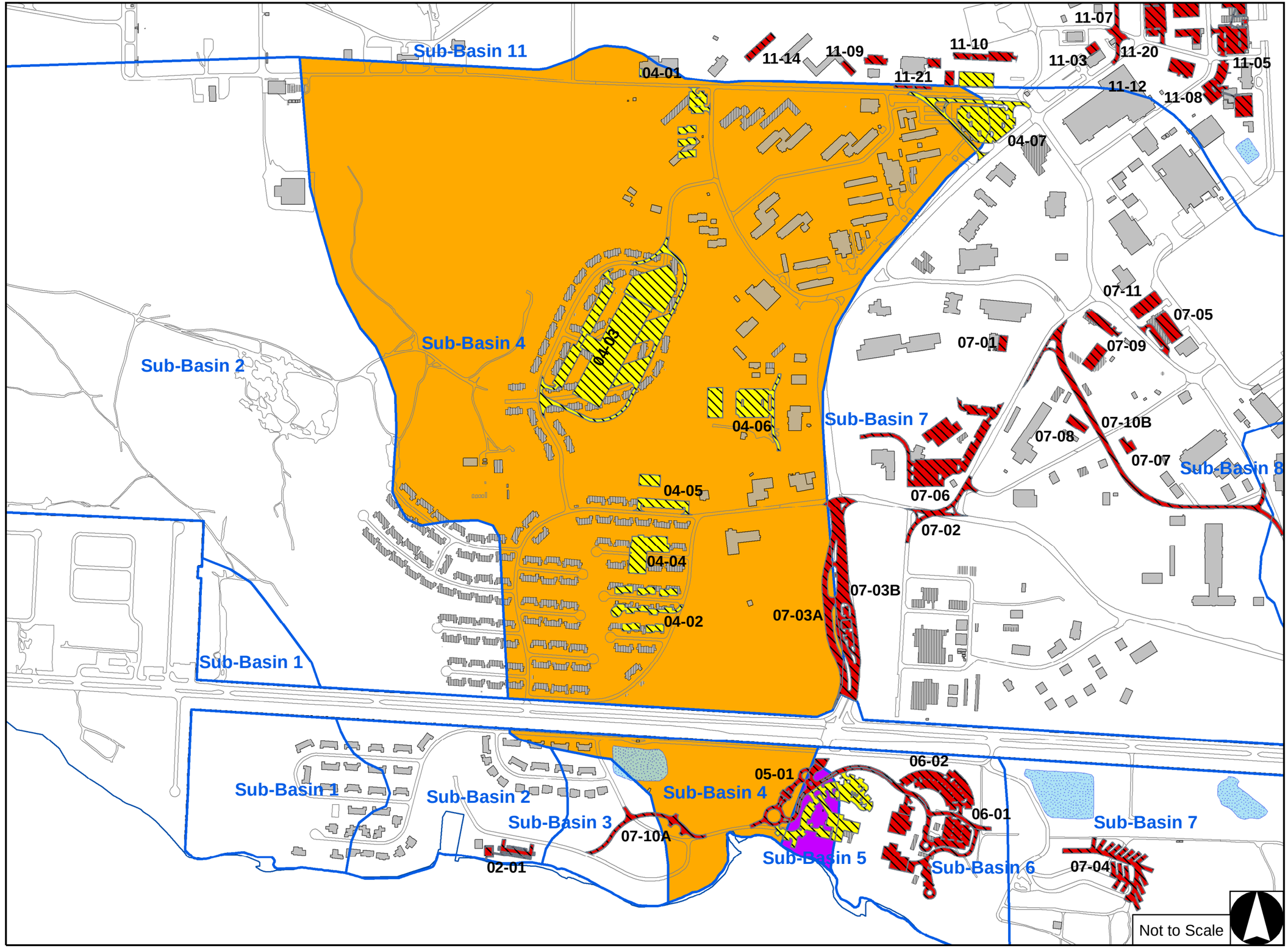
- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 3



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

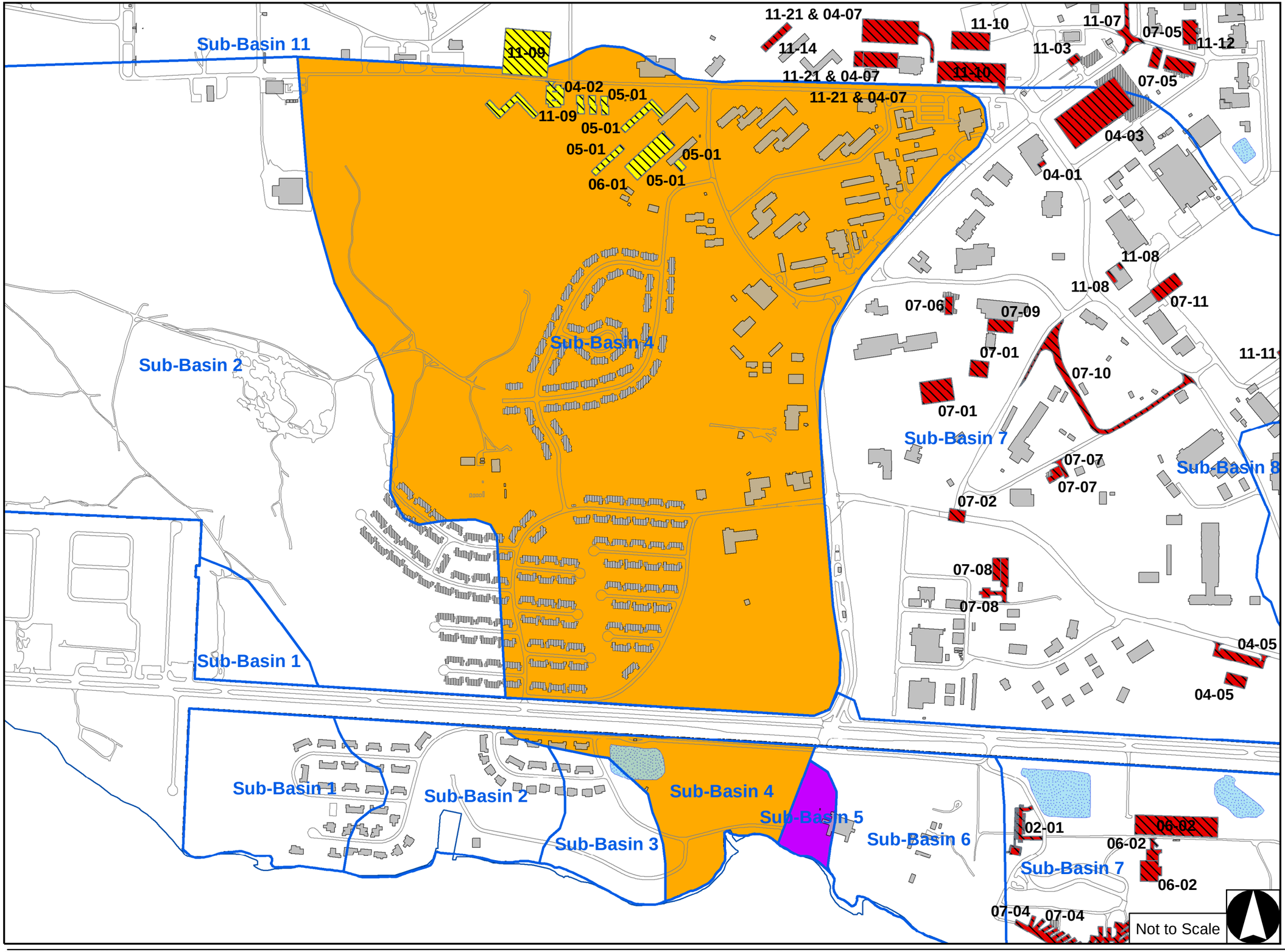
Alternative Sitings
- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 3



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- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 4
- Sub-Basin 5



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- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 4
- Sub-Basin 5

under Alternative 2, are located in Sub-Basins 4 and 5) would cumulatively reduce potable water demand on Hurlburt—at least in the short term. However, new housing being constructed on Eglin AFB and additional permanent and temporary personnel using new facilities within Sub-Basins 4 and 5 would draw from the same aquifer, which would result in no overall increase or decrease in potable water demand. Additionally, the actions taken cumulatively in these sub-basins (including removal of over 527,244 SF of impervious surface area) would result in a negligible, short-term beneficial impact on recharge of the shallow Sand and Gravel Aquifer underlying Hurlburt. However, construction of the four Alternative 2 projects within Sub-Basins 4 and 5 would eventually add 227,017 SF of impervious surface resulting in a net increase of 300,2279 SF in pervious surface area. This increase in surface area could allow a very minor beneficial impact on Sand and Gravel Aquifer recharge.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not increase demand on potable water sources for Hurlburt. However, the demolition of MFH units and other facilities would have a long-term minor to moderately beneficial impact on recharge of the Sand and Gravel Aquifer. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.2 Surface Water and Storm Water

- **Alternative 1—**All project locations within Sub-Basins 4 and 5 drain to the Southwest Regional Storm Water Pond south of US 98 and, in times of high flow, discharge to Santa Rosa Sound through Outfall 006 (Sub-Basin 2) or Outfall 005 (Sub-Basin 4). Individually, the projects within these sub-basins would result in short-term, minor, adverse impacts on storm water quality due to potential increases in soil disturbance and erosion. The removal of 122 existing trees in these sub-basins would also contribute to minor, short-term increases in storm water runoff from the project site due to a loss of ground cover that could lead to increased erosion of top-soil. Subsequent to construction, there would be increased impervious surface areas associated with the buildings, parking areas and road access, which would increase storm water quantity and decrease storm water quality within these sub-basins.

  Cumulatively, even when taking into consideration the planned demolition of the existing MFH units in Sub-Basin 4; Alternative 1 projects would have a long-term, minor, adverse impact on storm water as a result of a net increase (841,952 SF) in overall impervious surface area.

- **Alternative 2**—All project locations within Sub-Basins 4 and 5 drain to the Southwest Regional Storm Water Pond south of US 98 and, in times of high flow, discharge to Santa Rosa Sound through Outfall 006 (Sub-Basin 2) or Outfall 005 (Sub-Basin 4). Individually, the projects within these sub-basins would result in short-term, minor, adverse impacts on storm water quality due to potential increases in erosion from construction activities. The removal of 17 existing trees in Sub-Basins 4 and 5 would also contribute to minor, short-term increases in storm water runoff from the project site due to a loss of ground cover.

  Cumulatively, when taking into consideration the planned demolition of the existing MFH units in Sub-Basin 4; Alternative 2 would have a long-term, minor, beneficial impact on storm water quantity and quality as a result of a net increase (300,2279 SF) of overall pervious surface area within Sub-Basins 4 and 5.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins, and, therefore, would not directly impact surface waters or storm water. However, the demolition of the MFH units and other facilities would have a long-term, moderate beneficial impact on surface water and storm water quantity and quality within Sub-Basins 4 and 5. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix

C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.3 Floodplains

- **Alternative 1—**Projects within Sub-Basins 4 or 5 that are partially or entirely within an identified floodplain include Projects 04-03 (Supply Warehouse) and 05-01. Project 05-01 roadway and/or parking improvements within these sub-basins are also within identified floodplains. Impacts to the floodplain by these projects would be long-term and be only negligibly adverse as few structures are involved. A Finding of No Practicable Alternative would need to be approved prior to construction of the supply warehouse or the Soundside Visiting Quarters. Consequently, Alternative 1 would have a long-term, minor adverse impact upon the floodplain. The total area of all Alternative 1 projects within the100-year floodplain is approximately 24,740.9 SF (0.57 acres) in all of Sub-Basins 4 and 5.

- **Alternative 2**—Proposed projects within Sub-Basins 4 and 5 under Alternative 2 do not fall within or near the confines of a floodplain and would therefore not be impacted or impact existing floodplains nor be subject to the provisions of Executive Order 11988.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not impact floodplains. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.4 Storm Surge Areas

- **Alternative 1—**The Soundside Visiting Quarters complex is located in Storm Surge Areas 1, 2, 3, and 4. There have been no recorded cases of hurricanes in the Hurlburt vicinity that have generated storm surge elevations impacting Storm Surge Areas 4 or 5 (Woolpert, Inc., 2001). Storm Surge Areas 1, 2, and 3 were last impacted during Hurricane Ivan in September 2004, which produced storm surges of 6 to 9 feet at Hurlburt (National Hurricane Center, 2005). Individually, and depending on the severity of future hurricanes, the projects in Sub-Basins 4 and 5 would have a long-term moderate, adverse impact in terms of future potential damage from hurricane storm surges. Coastal Protection Act guidance would need to be used in designing and constructing the billeting facility (Project 05-01) in order to insure consistency with the Florida CZM Program.

  Cumulatively, the removal of existing MFH units currently in Storm Surge Areas 4 and 5 would result in a long-term, minor, beneficial impact in terms of reducing the possibility of future storm damage to installation facilities.

- **Alternative 2**—The proposed projects under Alternative 2 within Sub-Basins 4 and 5 do not fall within or near the confines of a storm surge area and therefore would not be impacted by future hurricane storm surges.

  Cumulatively, the removal of existing MFH units currently in Storm Surge Areas 4 and 5 under Alternative 2 would result in a long-term, minor, beneficial impact in terms of reducing the possibility of future storm damage to installation facilities.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not impact storm surge areas. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.5 General Flora and Fauna

- **Alternative 1—**Most of the Alternative 1 projects would be within Hurlburt Field's already developed areas or in areas scheduled for redevelopment, so there would be few impacts on flora and fauna. Site clearing would involve 122 trees covered by the installation's tree replacement policy for Alternative 1. The individual project in Sub-Basins 4 and 5 having the most impact on landscape trees is Project 05-01, which would impact roughly

53 trees in Sub-Basin 5 south of Purcell Drive. Many of these trees are mature live oaks. When taking into account the probable cutting of numerous mature trees as part of the MFH demolition, cumulatively, all of the projects in Sub-Basins 4 and 5 would have a long-term, moderate adverse impact on landscape trees. The maximum use of native trees and herbaceous vegetation in all new landscaping should be encouraged as discussed in the Hurlburt INRMP (Woolpert, Inc., 2001).

Projects associated with Alternative 1 in Sub-Basins 4 and 5 would have a short- and long-term minor adverse impact on urban wildlife habitat (nest trees, nectar-bearing plants, landscape plantings around quarters, and so on).

- **Alternative 2**—Most of Alternative 2 projects would be within Hurlburt Field's already developed areas or in areas scheduled for redevelopment, so there would be few other impacts on flora and fauna. Site clearing would involve 17 trees covered by the installation's tree replacement policy for Alternative 1. When taking into account the probable cutting of mature trees as part of the construction efforts, cumulatively, all of the projects in Sub-Basin 4 would have a long-term, minor adverse impact on landscape trees. The maximum use of native trees and herbaceous vegetation in all new landscaping should be encouraged as discussed in the Hurlburt INRMP (Woolpert, Inc., 2001).

  Projects associated with Alternative 2 in Sub-Basins 4 and 5 would have a short- and long-term minor adverse impact on urban wildlife habitat (nest trees, nectar-bearing plants, landscape plantings around quarters, and so on).

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not impact flora and fauna within developed areas of Hurlburt. Planned demolitions would have a short-term, adverse impact on mature trees. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.6 Archaeological Resources

- **Alternative 1—**The Soundside Visiting Quarters (Project 04-03) along Santa Rosa Sound is in an area with a potentially high probability of containing archeological resources. As such, the project area should be checked for the presence of archaeological resources prior to construction activities, and any resources would need to be recovered. Should any human remains be located, the provisions of the Native American Graves Protection and Repatriation Act (NAGPRA) must be followed.

- **Alternative 2**—The projects in Sub-Basins 4 and 5 under this alternative do not appear to fall within the vicinity of any archaeological or other known cultural resources.

- **No-Action Alternative**—The No-Action Alternative would result in no new facility construction within these sub-basins; therefore, would not impact potential archaeological resources. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.7 Infrastructure and Traffic

- **Alternative 1—**In terms of utility infrastructure, the single most important action within Sub-Basins 4 and 5 would be the cumulative impacts related to the demolition of existing MFH. As discussed under Section 5.5.3.1, demand on Floridan Aquifer installation wells supplying the Hurlburt potable water system would be substantially reduced as a result of this action. Fewer housing residents on Hurlburt would also result in reduced wastewater generation and reduced demand for electricity and gas. Alternative 1 implementation, along with the demolition of existing MFH units, would have a short-term moderate beneficial impact on utility infrastructure and demand within Sub-

Basins 4 and 5. However, new housing being constructed on Eglin AFB would likely draw from the same resources as Hurlburt Field for utility supply. There is currently a MFH privatization environmental impact statement being conducted that will examine this issue in greater detail.

Demolition of MFH and subsequent construction of new structures in the existing MFH area (Project 04-04, Child Development Center; 04-05, 16th Contracting Squadron Facility; and 05-01, Visiting Airmen Quarters) would change roadway configurations, traffic patterns, and traffic levels in this portion of the installation. Proposed improvements in roadway geometry and surfacing in the Soundside area east of the marina would improve traffic flow in this area. The proposed Soundside Visiting Facility in Sub-Basin 5 would only negligibly increase traffic in the Soundside area. Alternative 1 would have an individual and cumulative (with inclusion of the MFH demolition), long-term, minor, beneficial impact on traffic patterns and traffic flow on Hurlburt.

- **Alternative 2**—In terms of utility infrastructure, the single most important action within Sub-Basins 4 and 5 would be the cumulative impacts related to the demolition of existing MFH units. As discussed under Section 5.5.3.1, demand on Floridan Aquifer installation wells supplying the Hurlburt potable water system would be substantially reduced as a result of this action. Fewer housing residents on Hurlburt would also result in reduced wastewater generation and reduced demand for electricity and gas. Alternative 2, along with the demolition of 121 existing MFH units, would have a short-term moderate beneficial impact on utility infrastructure and demand. However, with new housing being constructed on Eglin AFB, there would likely be a demand for the same utility resources that also service Hurlburt Field. There is currently a MFH privatization environmental impact statement being developed that will examine this issue in greater detail.

  Projects 11-09 (Addition to Visiting Quarters) and 04-02 (Temporary Lodging Facility) are positioned adjacent to Tully Street and would require curb cuts to facilitate safe circulation of traffic into and out of these facilities. Alternative 2 would have an individual and cumulative (with inclusion of the MFH demolition), long-term, minor, beneficial impact on traffic patterns and traffic flow on Hurlburt.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not directly impact utilities or traffic movements within Hurlburt. However, the demolition of the MFH units would reduce utility demands, change local traffic patterns, and reduce overall levels of traffic within these sub-basins. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.8 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 1—**Some solid waste generation would be associated with site clearing and grubbing for some of the new facilities included under Alternative 1 in both Sub-Basins 4 and 5. Most of this waste would be trees and other vegetation cleared from the sites prior to construction. Individually, Alternative 1 projects in Sub-Basins 4 and 5 would have a short-term, minor, adverse impact on solid waste generation. Tree removal within Sub-Basins 4 and 5 is also scheduled for other projects that straddle or share a border with Sub-Basins 4 and 5. Substantial solid waste generation would also occur as part of MFH demolition. Cumulatively, Alternative 1 and the MFH demolitions would have a short-term, moderate, adverse impact on solid waste generation. Demolitions could also involve the need to remove and dispose of minor amounts of asbestos-containing wastes, materials containing lead-based paints, and other special or hazardous materials and wastes.

- **Alternative 2**—Some solid waste generation would be associated with site clearing and grubbing for some of the new facilities included under Alternative 2 in Sub-Basins 4 and 5. Most of this waste would be

trees and other vegetation cleared from the sites prior to construction. Individually, the Alternative 2 in Sub-Basins 4 and 5 would have a short-term, minor, adverse impact on solid waste generation. Substantial solid waste generation would occur as part of MFH demolition Cumulatively, Alternative 2 and the MFH demolitions would have a short-term, moderate, adverse impact on solid waste generation. Demolitions could also involve the need to remove and dispose of minor amounts of asbestos-containing wastes, materials containing lead-based paints, and other special or hazardous materials and wastes.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins; therefore, solid waste generation with respect to construction activities and tree removal would not be generated. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.6.3.9 IRP Sites

- **Alternative 1—**There are two projects that intersect with known IRP sites. Project 04-03 and project 05-01 impact portions of IRP sites SD-208 and SS-214 respectively (Appendix B). Project 04-03 impacts 42,820 SF of the IRP site SD-208. Project 05-01 impacts 7,020.8 SF of IRP site SS-214. Any projects potentially impacting contaminated sites would be coordinated through the IRP Program Manager to insure consistency with the Management Action Plan and to avoid disturbance of subsurface contamination. LUC agreements would also be checked prior to detailed facility design to insure compatibility under existing legal agreements. Alternative 1 projects would have a long-term, minor, adverse impact on contaminated sites in terms of potential future problems with both contamination and with site clean-up.

- **Alternative 2**—There are no known IRP sites on or within the vicinity of Alternative 2 projects programmed for construction with Sub-Basins 4 and 5.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins; therefore, would not impact identified IRP sites. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.7 SUB-BASIN 6 (FIGURES 17 AND 18)

5.7.1 Overview of Alternatives 1 and 2

Alternative 1 has two projects within this sub-basin. Alternative 2 has no projects within Sub-Basin 6. The following is an overview of Alternative 1 only. Projects within this sub-basin are listed in Table 14 are shown in relationship to the entire sub-basin in Figure 17 with additional site detail in Appendix B. No Alternative 1 project within Sub-Basin 6 straddles sub-basin boundaries. Alternative 2 locations for the two projects shown in Table 14 are in Sub-Basins 4 and 5 for Project 06-01 and Sub-Basin 7 for Project 06-02 and their impacts are discussed under those sub-basins.

There are four demolitions (Total: 20,015 SF) scheduled within this sub-basin. Some of these demolitions are programmed in order to facilitate the implementation of the projects listed in Table 14.

Table 14
Installation MILCON and SRM Projects in Sub-Basin 6, Alternative 1

Project #	FTEV #	Description
06-01	01-5007	Consolidated Club
06-02	02-3011	Mission Planning Facility

The purpose and need for each project listed in Table 14 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

The general overall impact of all projects within Sub-Basin 6 is calculated in Table 15 and analyzed in the following paragraphs.

Table 15
Impact Summary for Sub-Basin 6, Alternative 1

Impact Area	Result
Trees Removed	23 Trees
Within a Storm Surge Area	2 Projects (06-01 and 06-02)
New Impervious Surface	2 Facilities; 190,372 SF (4.37 Acres)
Demolitions	4 Facilities; 20,015 SF (0.46 Acres)

Although there are only two projects currently planned within Sub-Basin 6, both are substantial, requiring approximately 190,372 SF of combined building footprint. The Consolidated Club (Project 06-01) would be a large complex with associated parking located between the Mission Planning Center and Santa Rosa Sound. Other projects located in Sub-Basin 6 that may have some cumulative impact in association with Alternative 1 are four demolitions, clearing approximately 20,015 SF (0.46 acres) of land. Individually and cumulatively, Alternative 1 projects in this sub-basin would be expected to have no impact on the following issue/resource areas: floodplains, wetlands, RTE species, hazardous materials, or IRP sites.

5.7.2 Analysis

5.7.2.1 Groundwater

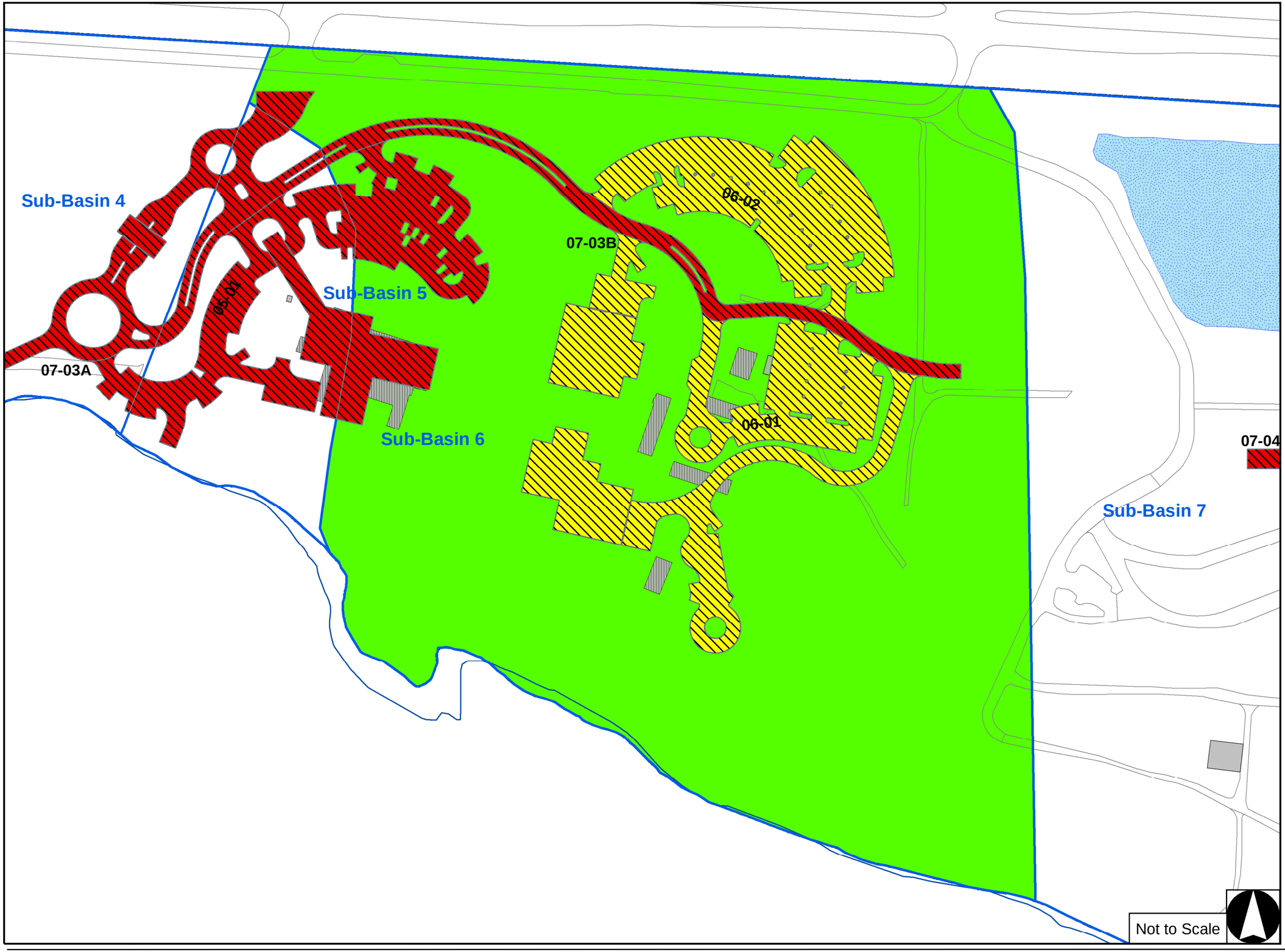
- **Alternative 1—**There are two proposed projects in Sub-Basin 6 that involve the construction of new facilities—which would require connections to the potable water system and which would increase demand on the Floridan Aquifer. None of the individual Alternative 1 projects within Sub-Basin 6 would directly impact recharge of the Floridan Aquifer. Although there would be an increase to impervious surface area (190,372 SF) associated with the Mission Planning Center and the Consolidated Club project, this increase would be insignificant in terms of changing the recharge rate of the shallow Sand and Gravel Aquifer since the project locations are so close to Santa Rosa Sound. The cumulative impacts resulting from the demolitions in this sub-basin would slightly lessen the amount of water used in the area in the short-term, but the long-term impacts would roughly be equal to present amounts of water used in this sub-basin. The proposed Mission Planning Facility (Project 06-02) would minimally change the overall installation demand for potable water. Cumulative impacts would be a long-term, minor, adverse impact on potable water demand from the Floridan Aquifer.

- **No-Action Alternative**—The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact potable water sources for Hurlburt or increase impervious surface area thus reducing Sand and Gravel Aquifer recharge. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.7.2.2 Surface Water and Storm Water

- **Alternative 1—**All project locations within Sub-Basin 6 drain untreated storm water by sheet flow directly into Santa Rosa Sound. Individually, the projects within these sub-basins would result in short-term, minor, adverse impacts on storm water quality due to potential increases in erosion from construction activities associated with each project and the planned four demolitions. These impacts would result from initial construction activities and subsequent increased impervious surface areas (190,372 SF) associated with the buildings, parking areas and road access. The removal of 23 existing trees in Sub-Basin 6 would also contribute to minor, short-term increases in storm water runoff from the project site due to a loss of ground cover that could lead to increased erosion of top-soil.

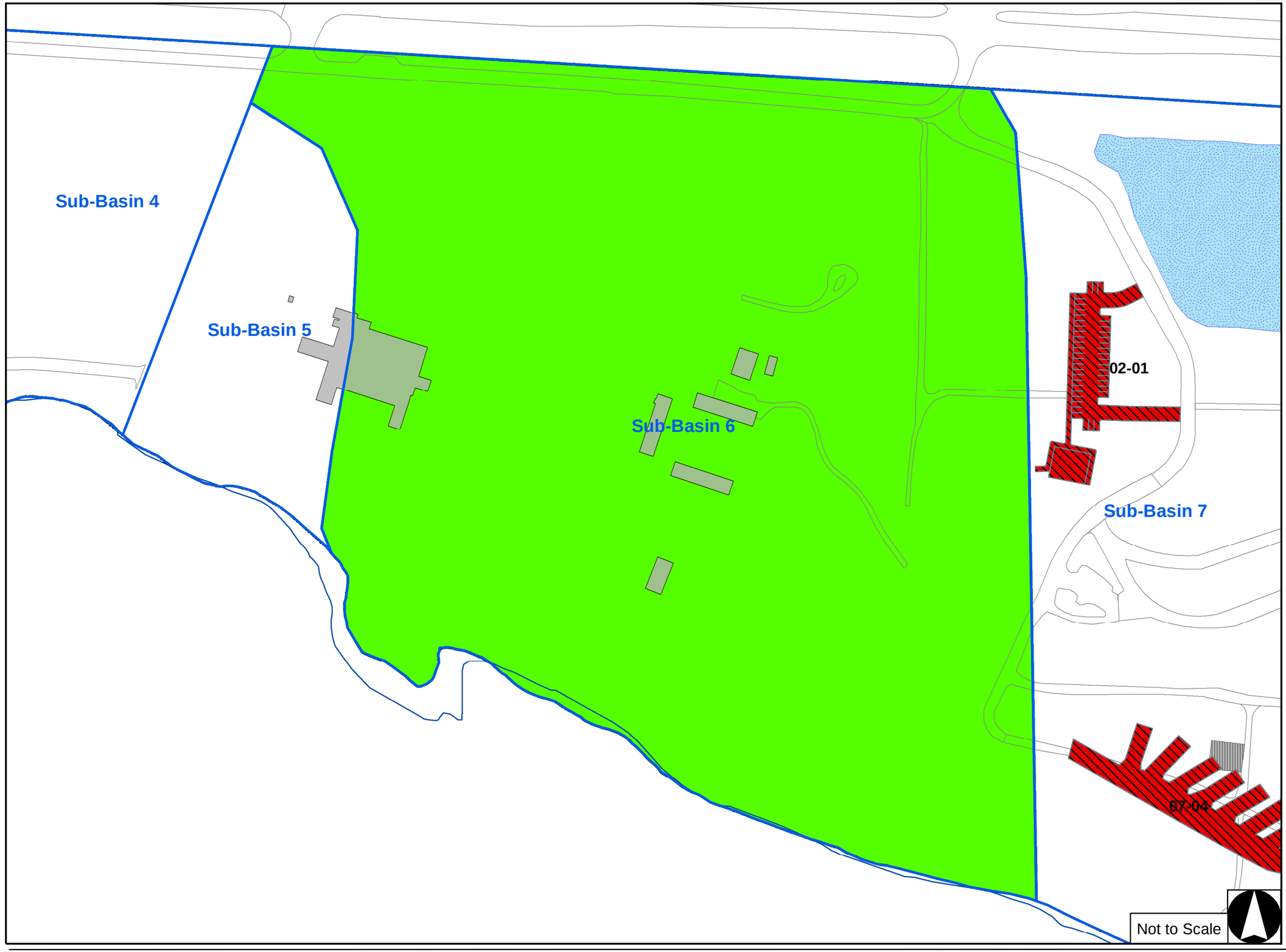
- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within Sub-Basin 6 and, therefore, would not impact existing surface water or storm water flow. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.



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5.7.2.3 Storm Surge Areas

- **Alternative 1—**The projects listed in Sub-Basin 6 are located in storm surge areas. Both the Mission Planning Facility (Project 06-02) and the Consolidated Club (Project 06-01) are located in Category 3 and 4 storm surge areas. A Category 3 and higher hurricane can flood any Soundside area south of US 98.

  Cumulatively, the removal of buildings in Sub-Basin 6, which occur in Storm Surge Areas 3 and 4 would result in a long-term, minor, beneficial impact in terms of reducing the possibility of future storm damage to installation facilities.

  There have been no recorded cases of hurricanes in the Hurlburt vicinity that have generated storm surge elevations impacting Storm Surge Areas 4 or 5 (Woolpert, Inc., 2001). Storm Surge Areas 1, 2, and 3 were last impacted during Hurricane Ivan in September 2004, which produced storm surges of 6 to 9 feet at Hurlburt (National Hurricane Center, 2005). Individually, and depending on the severity of future hurricanes, these projects could potentially have a long-term, minor to major, adverse impact in terms increasing the possibility of future potential damage from hurricane storm surges. Coastal Protection Act guidance would need to be used in designing and constructing the Consolidated Club (Project 06-01), Mission Planning Facility (Project 06-02), and other projects (Project 07-03) as shown in Sub-Basin 6, but discussed in other sub-basins, in order to insure consistency with the Florida CZM Program.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins or with storm surge areas. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.7.2.4 General Flora and Fauna

- **Alternative 1—**As with most of the General Plan projects, the projects in Sub-Basin 6 are already within Hurlburt Field's developed areas or in areas scheduled for redevelopment. Therefore, there are few impacts on flora and fauna. Site clearing would result in removal of a total of 23 trees for all Sub-Basin 6 projects and would be covered by the installation's tree replacement policy. Many of these trees are mature live oaks. Replanting trees would mitigate some of the habitat impacts in the long-term. Cumulatively, the demolition of four facilities in Sub-Basin 6 would not impact existing flora and fauna. Projects comprising Alternative 1 individually and cumulatively would have short- and long-term minor adverse impacts on trees and urban wildlife habitat (nest trees, landscape plantings around quarters, and so on).

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within these sub-basins and, therefore, would not impact flora and fauna on Hurlburt. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.7.2.5 Archaeological Resources

- **Alternative 1—**Both projects in this sub-basin (Projects 06-01 and 06-02) are located near or within high probability areas for archaeological resources. This is particularly true for the new Mission Planning Center. As such, the project areas should be checked for the presence of archaeological resources prior to construction activities. Any archaeological resources would be recovered prior to construction. Should any human remains be located, the provisions of the NAGPRA must be followed.

- **No-Action Alternative**—The No-Action Alternative would result in no new facility construction within Sub-Basin 6; therefore, would not impact potential archaeological resources. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.7.2.6 Infrastructure and Traffic

- **Alternative 1—**All utilities are already available in the area to support the Mission Planning Center and Consolidated Club. The construction of new structures in Sub-Basin 6 would change roadway configurations, traffic patterns, and traffic levels in this portion of the installation. The construction of the Mission Planning Center would increase traffic and parking congestion in this area. The roadways leading to Sub-Basin 6 already experience some congestion (particularly US 98); however, associated improvements to the main gate and other nearby roadways not located in this sub-basin may help to alleviate traffic concerns. Nevertheless, Alternative 1 would have an individual, long-term, moderate, adverse impact on traffic and parking congestion in Hurlburt Field's Soundside area.

  Finally, proposed improvements in roadway geometry and surfacing in the Soundside area east of the marina located in Sub-Basin 4 would have a cumulative, long-term, minor beneficial impact on improving traffic flow in this area.

- **No-Action Alternative**—The No-Action Alternative would result in no new facility construction within these sub-basins, and, therefore, would not impact existing utilities or traffic movements. With this alternative those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.7.2.7 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 1—**Substantial solid waste generation (along with the potential for some special and/or hazardous waste generation) would occur as part construction of the two projects in Sub-Basin 6 and/or the demolition of four existing structures in the vicinity of the planned Mission Planning Center and Consolidated Club. Demolition wastes as well as 23 trees and other vegetation cleared from the construction sites would need to be disposed of in local landfills. Any mitigation required for asbestos-containing materials (ACM), lead-based paint, or other contaminants prior to planned demolitions in this sub-basin would be handled through individual contracts. Individually and cumulatively, the Alternative 1 projects in Sub-Basin 6 would have a short-term, minor, adverse impact on solid waste generation.

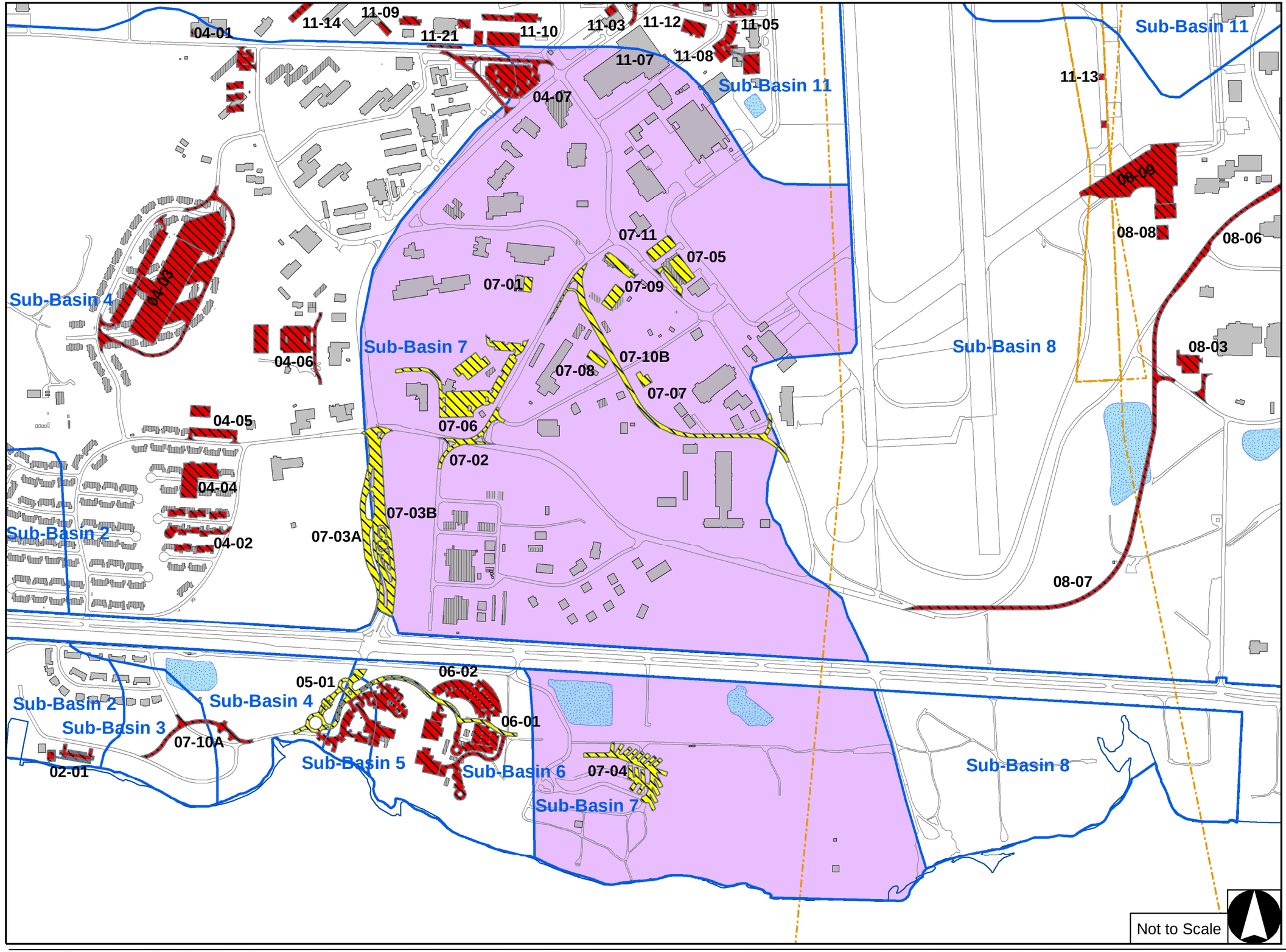
  None of the Alternative 1 projects would involve construction of facilities specifically for hazardous materials/waste use or storage.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within Sub-Basin 6, and, therefore, would not impact solid and hazardous waste generation. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.8 SUB-BASIN 7 (FIGURES 19 AND 20)

5.8.1 Overview of Alternative 1

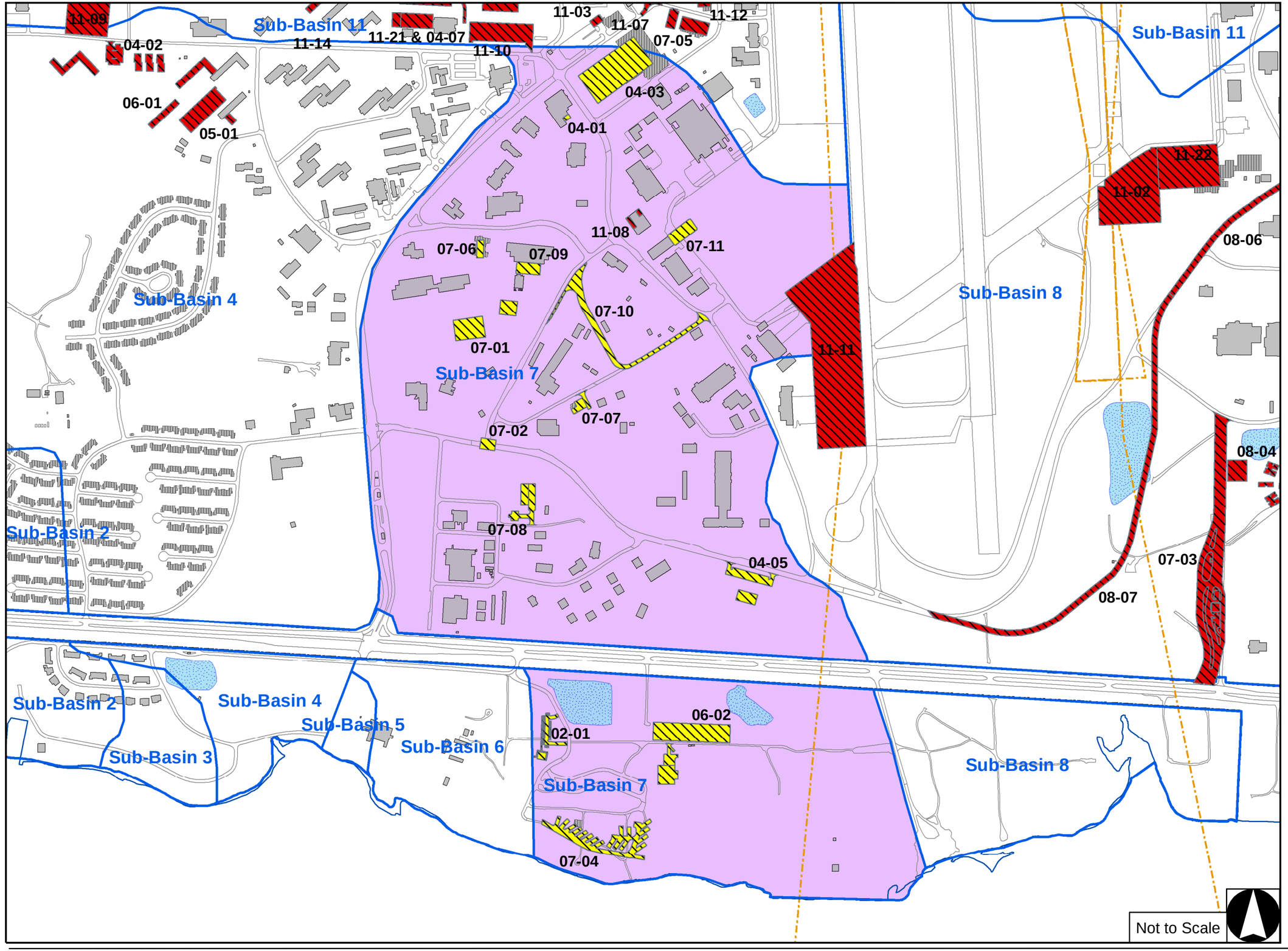
Alternative 1 projects within this sub-basin are listed in Table 16, and are shown in relationship to the entire sub-basin in Figure 19 with additional site detail in Appendix B.



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- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 7



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 7

The purpose and need for each project listed in Table 16 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

Table 16
Installation MILCON and SRM Projects in Sub-Basin 7, Alternative 1

Project #	FTEV #	Description
07-01	043020	ADAL Command Post
07-02	962010	Realign O'Neil Avenue/Install Traffic Signal
07-03A	033022	AT/FP Main Gate and Soundside Access Control Facilities
07-03B	033022	AT/FP Main Gate and Soundside Access Control Facilities
07-04	045003	Family Camping Facility (24 Sites)
07-05	043006	SOF Weapons and Release Systems Shop
07-06	033017	SOF Special Tactics Group Headquarters Facility
07-07	043000	Refueling Vehicle Maintenance Facility
07-08	033004	Vehicle Operations Administration Facility
07-09	963008	SOF Maintenance Operations Squadron Facility
07-10	993011	Base Roadway Improvements
07-11	993033	Squadron Operations Facility, 6 SOS

The total impact of all 12 projects within Sub-Basin 7 for Alternative 1 is summarized in Table 17 and analyzed in the following paragraphs.

Table 17
Impact Summary for Sub-Basin 7, Alternative 1

Impact Area	Result
IRP Impacts	Impacts to Sites SS-122, ST-68, ST-123, SD-189, OT-43, and LF-20 for a Total of 120, 880 SF Impacted Area (2.77 Acres)
Q/D Arc	5,169.8 SF (0.12 Acres)
AICUZ Impacts	10 Projects are Within the 65 db Contour
Trees Removed	41 Trees
Within a Storm-Surge Area	2 Projects (07-03B and 07-04); Categories 3, 4, and 5
Hazardous Materials	Future SAP for Projects 07-05, 07-07, 07-08 and 07-09
New Impervious Surface	12 Facilities (675,762 SF)
Demolitions	19 Facilities (114,245 SF)

Actions having potential cumulative impacts and located within Sub-Basin 7 include 19 demolitions totaling 114,245 SF of building footprint. Individually and cumulatively future General Plan projects in this sub-basin would have no impact on the following issue/resource areas: floodplains, un-permitted wetlands, permitted wetlands, RTE species, cultural resources, and air emissions.

5.8.2 Overview of Alternative 2

Alternative 2 projects within this sub-basin are listed in Table 18, and are shown in relationship to the entire sub-basin in Figure 20 with additional site detail in Appendix B.

Table 18
Installation MILCON and SRM Projects in Sub-Basin 7, Alternative 2

Project #	FTEV #	Description
02-01	021001	Construct Outdoor Recreation Center, 16 SVS
04-01	041072	Add to Fitness Center, Building 90517
04-03	043016	Supply Warehouse
04-05	033021	16th Contracting Squadron Facility
06-02	023011	Mission Planning Center
07-01	043020	ADAL Command Post
07-02	962010	Realign O'Neil Avenue/Install Traffic Signal
07-04	045003	Family Camping Facility
07-06	033017	STG Headquarters Facility
07-07	043000	Refueling Vehicle Maintenance Facility
07-08	033004	Vehicle Operations Maintenance Facility
07-09	963008	ADAL Maintenance Operations Squadron Facility
07-10	993011	Base Roadway Improvements
07-11	993033	Squadron Operations Facility, 6 SOS
11-08	043005	SOF Squadron Ops TALON II

The purpose and need for each project listed in Table 18 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

Projects that will be analyzed in other sub-basins, but have some area located in Sub-Basin 7 include Projects 07-10A and 11-08. Refer to Section 5.5 and 5.12.

The total impact of all 15 projects within Sub-Basin 7 for Alternative 2 is summarized in Table 19 and analyzed in the following paragraphs.

Individually and cumulatively future General Plan projects in this sub-basin would have no impact on the following issue/resource areas: permitted wetlands, cultural resources, and air emissions.

Table 19 Impact Summary for Sub-Basin 7, Alternative 2	
Impact Area	**Result**
Floodplain Impacts	1,152.5 SF (0.03 Acres)
Un-Permitted Wetland Impacts	16,527 SF (0.38 Acres)
RTE Habitat	31,400 (0.72 Acres)
IRP Impacts	Impacts to Sites SS-122, SS-124, SS-125, ST-68, ST-123, and ST 126 for a Total of 34,493 SF Impacted Area (0.79 Acres)
Q/D Arc	14,261 SF (0.33 Acres)
AICUZ Impacts	14 Projects are Within the 65 db Contour
Trees Removed	11 Trees
Within a Storm-Surge Area	5 Projects (02-01, 04-05, 06-02, 07-04, and 07-08); Categories 2, 3, 4, and 5
Hazardous Materials	Future SAP for Projects 07-07, 07-08, and 07-09
New Impervious Surface	15 Facilities (542,833 SF)
Demolitions	4 Facilities (161,231 SF)

5.8.3 Analysis

5.8.3.1 Groundwater

- **Alternative 1—**There are twelve Alternative 1 projects in Sub-Basin 7 that involve the construction of new facilities. These new facilities will require potable water from Hurlburt Field's water system, which draws water from the Floridan Aquifer. Any landscape irrigation water needs would be met using water from the shallow Sand and Gravel Aquifer. Cumulatively, demolition of 19 facilities within Sub-Basin 7 would reduce the demand for potable water in this area and have a short-term, very minor, beneficial impact by temporarily reducing potable water demand and reducing the impervious surface area in this sub-basin thus contributing to Sand and Gravel aquifer recharge. Nevertheless, there would be long-term, minor, adverse impacts on potable water demand in this sub-basin due to an increase in facilities-associated personnel. There would also be long-term, minor, adverse impacts to the Sand and Gravel aquifer from the overall net increase in impervious surface area (561,517 SF or 13 acres) within Sub-Basin 7.

- **Alternative 2—**There are 15 proposed Alternative 2 projects in Sub-Basin 7 that involve the construction of new facilities. These new facilities will require potable water from Hurlburt Field's water system, which draws water from the Floridan Aquifer. Any landscape irrigation water needs would be met using water from the shallow Sand and Gravel Aquifer. Cumulatively, demolition of four facilities within Sub-Basin 7 would reduce the demand for potable water in this area and have a short-term, very minor, beneficial impact by temporarily reducing potable water demand and reducing the impervious surface area in this sub-basin thus contributing to Sand and Gravel Aquifer recharge. Nevertheless, there would be long-term, minor, adverse impacts on potable water demand in this sub-basin due to an increase in facilities-associated personnel. There would also be long-term, minor, adverse impacts to the Sand and Gravel Aquifer.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing groundwater conditions. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.2 Surface Water and Storm Water

- **Alternative 1—**The majority of the projects located within Sub-Basin 7 drain to the South Central and Southeast Regional Storm Water Ponds south of US 98 and, in times of high flow, discharge to Santa Rosa Sound through Outfall 4 (Sub-Basins 4 and 5) and Outfall 3 (Sub-Basin 7). The 19 demolitions scheduled for this sub-basin are likely to have a short-term, minor, beneficial impact by reducing storm water quantity due to a temporary reduction in impervious surface area in this sub-basin. Individually, the Alternative 1 projects within this sub-basin would result in short-term, negligible to minor, adverse impacts on storm water quality due to potential increases in erosion from demolition and construction activities associated with each project. However, most of this construction is planned to occur in previously developed areas of the base with established storm water drainage, which will help minimize some of the storm water impacts. Cumulatively, when taking into consideration the planned demolition of 19

existing facilities, the Alternative 1 projects would have a short-term and long-term, minor, adverse impact in terms of increasing storm water quantity and decreasing storm water quality within this sub-basin as a result of an increase in overall impervious surface area. The overall increase in impervious surface area within this sub-basin as a result of Alternative 1 projects would be 561,517 SF (12.89 Acres).

- **Alternative 2—**The majority of the projects located within Sub-Basin 7 drain to the South Central and Southeast Regional Storm Water Ponds south of US 98 and, in times of high flow, discharge to Santa Rosa Sound through Outfall 4 (Sub-Basins 4 and 5) and Outfall 3 (Sub-Basin 7). The four demolitions scheduled for this sub-basin are likely to have a short-term, minor, beneficial impact by reducing storm water quantity due to a temporary reduction in impervious surface area in this sub-basin. Individually, the projects within this sub-basin would result in short-term, negligible to minor, adverse impacts on storm water quality due to potential increases in erosion from demolition and construction activities associated with each project. However, most of this construction is planned to occur in previously developed areas of the base with established storm water drainage, which will help minimize some of the storm water impacts. Cumulatively, when taking into consideration the planned demolition of 19 existing facilities, Alternative 2 projects would have a short-term and long-term, minor, adverse impact in terms of increasing storm water quantity and decreasing storm water quality within this sub-basin as a result of an increase in overall impervious surface area. The overall increase in impervious surface area within this sub-basin as a result of Alternative 2 projects would be 323,016 SF (7.41 Acres).

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing storm water and surface water conditions. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.3 Floodplains

- **Alternative 1—**There are no Alternative 1 projects within Sub-Basin 7 that would impact designated floodplain areas.

- **Alternative 2—**Project 07-04 would impact 1,152 SF (0.03 acres) of floodplain in Sub-Basin 7. However, the impacts to floodplains and flood capacity from this project would be negligible.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing floodplain conditions. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.4 Storm Surge Areas

- **Alternative 1—**There are two projects in Sub-Basin 7 located within a storm surge area (Projects 07-03B and 07-04). Project 07-03B is located in Storm Surge Categories 3, 4, and 5. Project 07-04 is located in Storm Surge Categories 4 and 5.

  Storm Surge Categories 1, 2, and 3 were last impacted during Hurricane Ivan in 2004, which produced storm surges of 6 to 9 feet at Hurlburt (National Hurricane Center, 2005). Historically, there have not been storm surges reaching the Categories 4 or 5 levels at Hurlburt. Therefore the Alternative 1 projects scheduled for construction within this sub-basin and within Categories 4 and 5 areas would generally be located beyond any flooding associated with hurricane storm surges. Generally, construction of these structures to withstand hurricane-force winds would be more important than concerns with flooding from storm surge.

Cumulative impacts resulting from the demolition actions that will take place in Sub-Basin 7 would have a long-term, minor, beneficial impact on the prevention of structural damage from storm surges.

- **Alternative 2—**There are five Alternative 2 projects in Sub-Basin 7 located within a storm surge area (Projects 02-01, 04-05, 06-02, 07-04, and 07-08). Project 02-01 is located in storm surge Categories 4 and 5. Project 04-05 is located in Storm Surge Category 5. Project 06-02 is located in storm surge Categories 4 and 5. Project 07-03 occurs within storm surge areas in Sub-Basin 8, where the analysis can be found. Project 07-04 is located in Storm Surge Categories 3, 4, and 5. Project 07-08 is located in storm surge Category 5.

  Storm Surge Categories 1, 2, and 3 areas were last impacted during Hurricane Ivan in 2004, which produced storm surges of 6 to 9 feet at Hurlburt (National Hurricane Center, 2005). Historically, there have not been storm surges reaching the Categories 4 or 5 levels at Hurlburt. Therefore the Alternative 2 projects scheduled for construction within this sub-basin in Categories 4 and 5 would generally be located beyond any flooding associated with hurricane storm surges. Generally, construction of these structures to withstand hurricane-force winds would be more important than concerns with flooding from storm surge.

  Cumulative impacts resulting from the demolition actions that will take place in Sub-Basin 7 would have a long-term, minor, beneficial impact on the prevention of structural damage from storm surges.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact or be impacted by storm surges. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.5 Wetlands

- **Alternative 1—**This alternative would result in no impacts to permitted or un-permitted wetlands within Sub-Basin 7, and there are no other actions that would contribute to cumulative impacts to wetlands.

- **Alternative 2—**Project 07-01 would result in 15,292 SF (0.35 acre) of wetland impacts not currently covered by Section 404 permits (*i.e.*, un-permitted). Project 07-04 would result in 336 SF (0.008 acre) of un-permitted wetland impacts, while Project 07-08 would result in 899 SF (0.02 acre) of un-permitted wetland impacts. These potentially impacted areas total 0.38 acre and together are well below the 0.50 acre requiring an Individual permit, but would require a nationwide permit and mitigation. Overall, these projects would have a short-term and long-term very minor, adverse impact on freshwater wetlands on Hurlburt Field. Cumulative impacts would be identical as there are no other projects having wetland impacts in this sub-basin.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact or be impacted by storm surge. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.6 General Flora and Fauna

- **Alternative 1—**As with other sub-basins, projects already within Hurlburt Field's developed areas or in areas scheduled for redevelopment would result in few impacts on flora and fauna. The majority of impacts would result from site clearing involving 41 trees in Sub-Basin 7. The individual project having the most impact on landscape trees is Project 07-06, which would impact 18 trees, many of which are mature live oaks. The project having the next greatest impact on tree take is Project 07-03B, which would impact roughly 16 trees in Sub-Basin 7. The only other project that would remove trees is Project 07-09, which would impact seven trees.

Cumulatively, the demolition of 19 facilities in Sub-Basin 7 along with Alternative 1 projects would not directly impact existing flora and fauna, due to the developed nature of the sub-basin. Projects comprising the Alternative 1 would have a short-term, minor adverse, impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on). Following the replanting of trees there would be a long-term, minor, beneficial impact on the flora and fauna in Sub-Basin 7.

- **Alternative 2—**This alternative would result in the removal of 11 trees in Sub-Basin 7. The individual project having the most impact on landscape trees is Project 07-01, which would impact 5 trees. Project 07-09 would impact 4 trees, while Projects 07-06 and 07-07 would each impact 1 tree.

  Cumulatively, the demolition of four facilities in Sub-Basin 7 in combination with Alternative 2 projects would not impact existing flora and fauna, due to the developed nature of the sub-basin. Projects comprising Alternative 2 would have a short-term, minor adverse, impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on). Following the replanting of trees there would be a long-term, minor, beneficial impact on the flora and fauna in Sub-Basin 7.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing vegetation or urban wildlife habitat. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.7 Archaeological Resources

- **Alternative 1—**There are no known areas of archaeological significance that would be affected by Alternative 1 projects proposed for Sub-Basin 7.The southern portion of Sub-Basin 7, however, contains some areas of high potential for archaeological sites with several known sites that are potentially eligible for listing on the National Register. Project 07-04 is located in or near any identified high probability areas and may be checked for the presence of archaeological resources prior to construction activities, and any resources recovered. Should any human remains be located, the provisions of the NAGPRA must be followed.

- **Alternative 2—**There are no known areas of archaeological significance that would be affected by projects proposed in Sub-Basin 7.The southern portion of Sub-Basin 7, however, contains some areas of high potential for archaeological sites with several known sites that are potentially eligible for listing on the National Register. Projects 02-01, 06-02, and 07-04 are located in or near any identified high probability areas and may be checked for the presence of archaeological resources prior to construction activities, and any resources recovered. Should any human remains be located, the provisions of the NAGPRA must be followed.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact archaeological resources. With the No-Action Alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.8 Infrastructure and Traffic

- **Alternative 1—**Utility systems in Sub-Basin 7 would likely have the same level of load, despite the addition of 12 new facilities and 4 existing facilities scheduled for additions/ alternations. This is due to the demolition of 19 existing facilities. The demolition of these facilities (and subsequent availability of utility infrastructure) would likely facilitate utility connections service for new facilities proposed as part of Alternative 1. There would likely be short-term disturbances to local utility service during construction periods, but the long-term impacts would be minor and beneficial.

  Roadway improvements and changes within Sub-Basin 7 will be substantial given that there are planned base roadway

improvements (Project 07-10B) and the realignment of O'Neil Avenue (Project 07-02) located in this sub-basin, as well as a reconfiguration of the main gate (Project 07-03B). The planned base roadway improvements (Project 07-10B) are located within a heavily developed portion of Sub-Basin 7 and will provide greater access and ease traffic flow within this area. The realignment of O'Neil Avenue (Project 07-02) would reconfigure O'Neil with Terry Avenue at the intersection of Terry Avenue and Independence Road. This would provide left turn lanes on Independence Road to O'Neil Avenue and eliminate an existing unsafe turning condition. Project 07-03B (Main Gate and Soundside Access Control Facilities) would have a long-term, moderate, beneficial impact on traffic flow through this area, which would also benefit traffic on adjacent portions of US 98 where, under current conditions, rush-hour backups are standard. This project is required to provide an adequate entry control point for personnel, visitors, and most delivery vehicles. Reconfiguring the main gate area would help prevent unauthorized access to Hurlburt Field as well as maximize vehicular flow. The current main gate facility does not meet the criteria of the DoD Force Protection Program. The Preferred Alternative would have short-term, minor, adverse impacts on the installation, due to traffic disruptions during the construction period. However, there would be an individual and cumulative, long-term, moderate, beneficial impacts on traffic patterns and traffic flow on Hurlburt.

- **Alternative 2—**Utility systems in Sub-Basin 7 would likely have the same level of load, despite the addition of 12 new facilities and 4 existing facilities scheduled for additions/ alternations. This is due to the demolition of four existing facilities. The demolition of these facilities (and subsequent availability of utility infrastructure) would likely facilitate utility connections service for new facilities proposed for Alternative 2. There would likely be short-term disturbances local utility service during construction periods, but the long-term impacts would be minor and beneficial.

  Roadway improvements and changes within Sub-Basin 7 from Alternative 2 projects would be substantial given that there are planned base roadway improvements (Project 07-10) and the realignment of O'Neil Avenue/Installation of traffic signal (Project 07-02) located in this sub-basin. The reconfiguration of the main gate (Project 07-03B), however, will be located in Sub-Basin 8, where the analysis of impacts can be found. The planned base roadway improvements (Project 07-10) are located within a heavily developed portion of Sub-Basin 7 and will provide greater access and ease traffic flow within this area. The Project 07-02 would install a traffic signal at the intersection of Terry Avenue and Independence Road. This would improve the safety of this intersection, although left-turn lanes would not be provided. The improvements in traffic flow and traffic signalization would result in a long-term, moderate, beneficial impact to traffic safety on the installation. Alternative 2 would have short-term, minor, adverse impacts on the base, due to traffic disruptions during the construction period. However, there would be an individual and cumulative, long-term, moderate, beneficial impacts on traffic patterns and traffic flow on Hurlburt.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility or roadway construction within this sub-basin and, therefore, would not impact existing infrastructure or traffic conditions. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.9 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 1—**Substantial solid waste generation (along with the potential for some special and/or hazardous waste generation) would occur as part of the construction of the 12 Alternative 1 projects in Sub-Basin 7 and/or the demolition of 19 other facilities. Some additional solid waste generation would be associated with site clearing and grubbing for some of the new facilities included in Alternative 1. Most of this waste would be trees and other vegetation cleared from the sites prior to construction.

Individually, Alternative 1 projects in Sub-Basin 7 would have a short-term, minor, adverse impact on solid waste generation during demolition and construction activities. Cumulatively, Alternative 1 and the demolition of 19 existing facilities would have a short-term, moderate, adverse impact on solid waste generation. Alternative 1 projects planned for this sub-basin, which include fuel handling (Project 07-07) would be constructed to strict standards complying with containment requirements and included in the installation's SPCC Plan update as the projects are completed. None of the proposed Alternative 1 projects would involve construction of facilities specifically for hazardous materials/waste use or storage.

- **Alternative 2—**Substantial solid waste generation (along with the potential for some special and/or hazardous waste generation) would occur as part of the construction of the 12 Alternative 2 projects in Sub-Basin 7 and/or the demolition of six other facilities within this sub-basin. Some additional solid waste generation would be associated with site clearing and grubbing for some of the new facilities included in Alternative 2. Most of this waste would be trees and other vegetation cleared from the sites prior to construction. Individually, Alternative 2 projects in Sub-Basin 7 would have a short-term, minor, adverse impact on solid waste generation during the demolition and construction activities. Cumulatively, Alternative 2 and the demolition of 19 existing facilities would have a short-term, moderate, adverse impact on solid waste generation. The Alternative 1 projects planned for this sub-basin, which include fuel handling (07-07) would be constructed to strict standards complying with containment requirements and included in the installations SPCC Plan update as the projects are completed. None of the proposed Alternative 2 projects would involve construction of facilities specifically for hazardous materials/waste use or storage.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing conditions regarding regulated special, solid, and hazardous materials and wastes. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.10 IRP Sites

- **Alternative 1—**Six Alternative 1 projects have the potential to impact IRP sites within Sub-Basin 7. Total potential IRP site area within Sub-Basin 7 that could be impacted is 120,879.6 SF impacted area (2.77 acres). Specific information by project is given below:

  - **Project 07-05 (SOF Weapons and Release Systems Shop)—**Impacting 28,733.2 SF of IRP site ST-123.
  - **Project 07-07 Refueling Vehicle Maintenance Facility—**Impacting 4,357 SF of IRP site ST-68; 537.1 SF of IRP site ST-123; and 1,401.4 SF of IRP site SD-189.
  - **Project 07-08 (Vehicle Operations Administration Facility)—**Impacting 21.8 SF of IRP site OT-43.
  - **Project 07-09 (SOF Maintenance Operations Squadron Facility)—** Impacting 26,590.1 SF of IRP ST-123. The demolition of existing structures as well as construction of the new facility will impact existing IRP site ST-123.
  - **Project 07-10B (Base Roadway Improvements)—**Impacting 23,621.3 SF of IRP site LF-20; 9,701.2 SF of IRP site SD-189; 2,944.7 SF of IRP site ST-123; and 4,255 SF of IRP site SS-122.
  - **Project 07-11 (Squadron Operations facility 6 SOS)—**Impacting 18,716.3 SF of IRP site ST-123. T.

  All Alternative 1 projects potentially impacting contaminated sites would be coordinated through the IRP Program Manager to insure consistency with the Management Action Plan and to avoid disturbance of subsurface contamination. LUC agreements would also be checked prior to detailed facility design to insure compatibility under existing legal agreements. The Alternative 1 projects within Sub-Basin 7 would have a long-term,

minor, adverse impact on contaminated sites in terms of potential future problems with both contamination and with site clean-up.

- **Alternative 2—**Five Alternative 2 projects have the potential to impact IRP sites within Sub-Basin 7 total potential IRP site area within Sub-Basin 7 that could be impacted isf 34,493 SF impacted area (0.79 acres). Specific information by project is given below:

  - **Project 04-03 (Supply Warehouse)—** Impacting 1,233 SF of IRP site SS-125.
  - **Project 07-07 (Refueling Vehicle Maintenance Facility)—**Impacting 9,929 SF of IRP site SS-124.
  - **Project 07-09 (SOF Maintenance Operations Squadron Facility)—** Impacting 1,649 SF of IRP ST-126. The demolition of existing structures as well as construction of the new facility will impact existing IRP site ST-126.
  - **Project 07-10 (Base Roadway Improvements)—**Impacting 1,713 SF of IRP site ST-68; 4,259 SF of IRP site SS-122; and 9,140 SF of IRP site ST-123.
  - **Project 07-11 (Squadron Operations facility 6 SOS)—**Impacting 6,750 SF of IRP site ST-123.

  All Alternative 2 projects potentially impacting contaminated sites would be coordinated through the IRP Program Manager to insure consistency with the Management Action Plan and to avoid disturbance of subsurface contamination. LUC agreements would also be checked prior to detailed facility design to insure compatibility under existing legal agreements. Alternative 2 projects would have a long-term, minor, adverse impact on contaminated sites in terms of potential future problems with both contamination and with site clean-up.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing IRP sites. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.11 Endangered Species Habitat

- **Alternative 1—**The proposed projects for Alternative 1 would result in no impacts to such species or their habitats. There would also be no cumulative impacts associated with this alternative.

- **Alternative 2—**Hurlburt Field includes habitat for numerous threatened and endangered species, primarily within the undeveloped portions of the installation. Proposed Alternative 2 projects would result in 31,400 SF (0.72 acres) of impact to breeding habitat for the least tern (*Sterna antillarum*). Project 04-03 would result in the demolition of Building 90710 which provides nesting habitat (*i.e.*, flat gravel roof) for this state threatened species. A minimum of 23 nests are known on the roof of this existing structure, which is located approximately one mile north of Santa Rosa Sound—the primary foraging area for this bird that consumes only live fish as its prey. Previously, the least tern was known to inhabit the rooftops of some installation buildings immediately adjacent to Santa Rosa Sound. The replacement building, however, would provide 379,996 SF (8.72 acres) of suitable breeding/nesting habitat. This bird species is opportunistic in the selection of nesting sites and somewhat tolerable of adjacent human activity. Therefore, the proposed project would result in short-term, moderate, adverse impacts but long-term, moderate, beneficial impacts to this species. There are no other projects in this sub-basin that are known to contribute to cumulative impacts.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not any threatened or endangered species or their habitat. With this alternative, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.8.3.12 Q/D Arc

- **Alternative 1—**Alternative 1 would result in 5,169.8 SF (0.12 acres) of Q/D Arc (*i.e.*, airfield stand-off) being encroached upon by Project 07-10B. However, since this project is a roadway and not a habitable facility, there would be no impact.

- **Alternative 2—**Alternative 2 would result in 14,261 SF (0.33 acres) of Q/D Arc (*i.e.*, airfield stand-off) being encroached upon by Project 07-11. Consequently, this alternative would result in an individual and cumulative long-term, minor, adverse impact because of its encroachment upon the Q/D zone.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact existing Q/D arcs. With this alternative those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.9 SUB-BASIN 8 (FIGURES 21 AND 22)

5.9.1 Overview of Alternative 1

Alternative 1 projects within this sub-basin are listed in Table 20 and are shown in relationship to the entire sub-basin in Figure 21 with additional site detail in Appendix B.

Table 20
Installation MILCON and SRM Projects in Sub-Basin 8, Alternative 1

Project #	FTEV #	Description
08-01	00-3009	Vehicle Maintenance Facility
08-02	02-3005	RED HORSE Mobility and Training Facility (823 RHS)
08-03	00-5004	Shoppette Facility
08-04	99-3013	Construct Dormitory (144 pn) Eastside
08-05	00-3023	Eastside Fitness Center
08-06	03-3013	Widen Independence Road
08-07	30-3018	AFLD Waiver, Independence Road
08-08	04-3011	SOF UAV Squadron Operations Facility
08-09	04-3012	SOF UAV Maintenance Hangar/Parking Apron

The purpose and need for each project listed in Table 20 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

There is one project partially within this sub-basin that will be analyzed as one of the Sub-Basin 11 projects, Project 11-13 (Hydrant Fueling System).

The total impact of all nine projects within Sub-Basin 8 is calculated in Table 21 and analyzed in the following paragraphs.

Table 21
Impact Summary for Sub-Basin 8, Alternative 1

Impact Area	Result
Floodplain Impacts	4167.8 SF
Structures within a Q/D Zone	1 (8,815.9 SF)
AICUZ Impacts	5 Projects are Within the 65 db Contour
Within a Storm-Surge Area	1 Project (FTEV: 03-3018, Category 3; 18,642, Category 4; 43,140, and Category 5; 46,137 SF)
New Impervious Surface	9 Facilities (564,371 SF)
Demolitions	9 Facilities (44,293 SF)

Potential cumulative impacts associated with other projects located in Sub-Basin 8 include nine structure demolitions totaling 44,293 SF of footprint. These demolitions are addressed here only in terms of their cumulative impact. Alternative 1 projects within Sub-Basin 8 would have no impact on wetlands, RTE habitat, cultural resources, IRP sites, significant landscape trees, or existing air permitting.

5.9.2 Overview of Alternative 2

Alternative 2 projects within this sub-basin are listed in Table 22, and are shown in relationship to the entire sub-basin in Figure 22 with additional site detail in Appendix B.

The purpose and need for each project listed in Table 22 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

Table 22 Installation MILCON and SRM Projects in Sub-Basin 8, Alternative 2		
Project #	**FTEV #**	**Description**
07-03	03-3022	AT/FP Main Gate and Soundside Access control Facilities
08-02	02-3005	RED HORSE Mobility and Training Facility (823 RHS)
08-04	99-3013	Construct Dormitory (144 pn) Eastside
08-05	00-3023	Eastside Fitness Center
08-06	03-3013	Widen Independence Road
08-07	03-3018	AFLD Waiver, Alter Independence Road
11.01	03-1049	Fill/Clear Wetlands, Helicopter Landing Pad
11-11	04-3004	SOF C-130 Aircraft Apron
11-22	04-3014	SOF CV-22 Aircraft Parking Apron

The total impact of all nine projects within Sub-Basin 8 is calculated in Table 23.

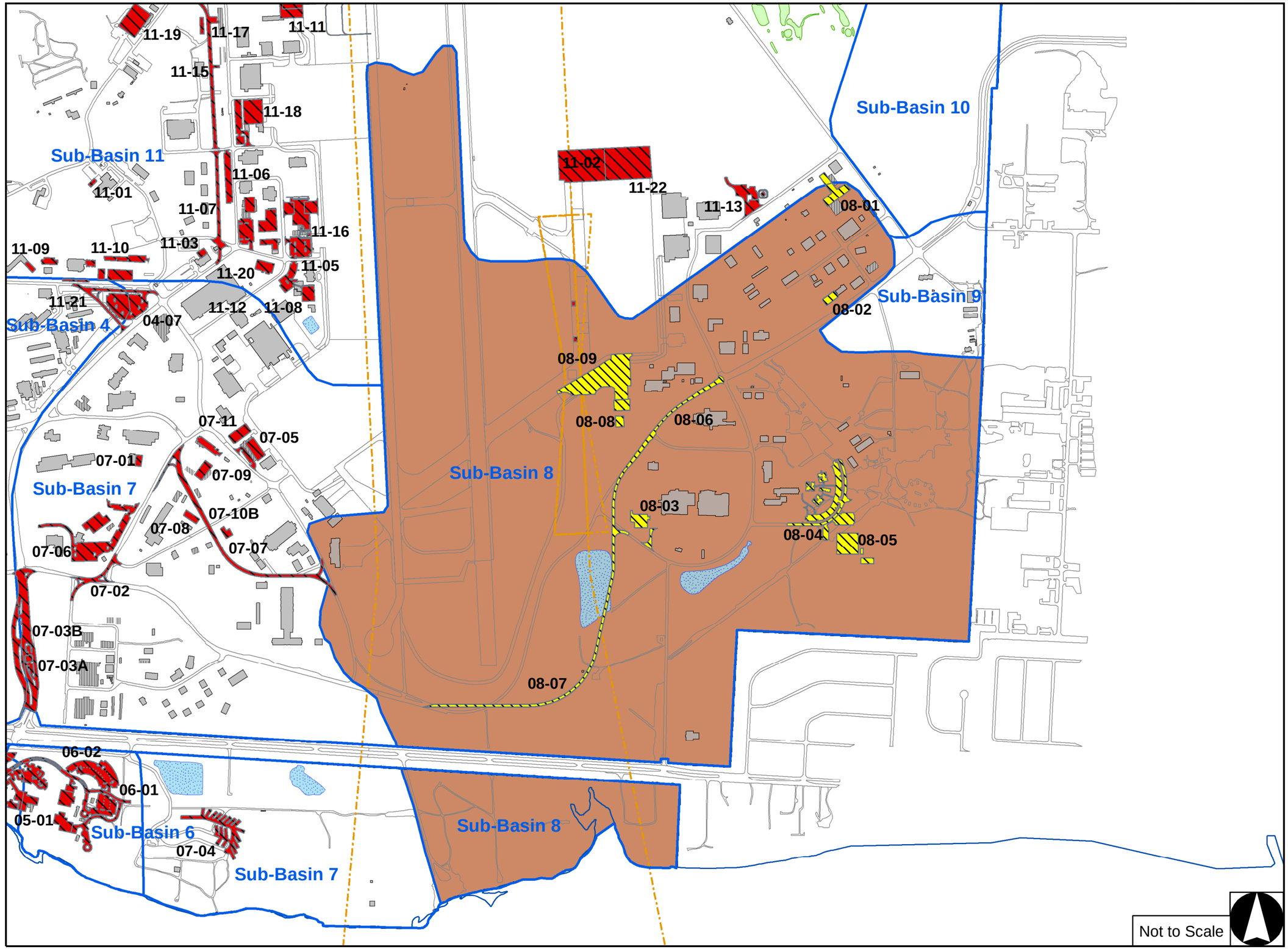
Table 23 Impact Summary for Sub-Basin 8, Alternative 2	
Impact Area	**Result**
Floodplain Impacts	129,223 SF
Un-permitted Wetland Impacts	45,523 SF
Cultural Resources	4,021 SF
Structure Within a Q/D Arc	2 (514,086 SF)
AICUZ Impacts	8 Projects are Within the 65db contour
Significant landscape trees removed	17
Within a Storm Surge Area	2 Projects (Category 3, 78,792 SF; Category 4, 105,208 SF, and Category 5, 145,991 SF)
New Impervious Surface	9 Facilities (1,335,033 SF)
Demolitions	2 (53,445 SF)

5.9.3 Analysis

5.9.3.1 Groundwater

- **Alternative 1—**There are nine proposed projects in Sub-Basin 8 that involve the construction of new facilities or roadway modifications. These new facilities would require potable water from Hurlburt Field's water system, which draws water from the Floridan aquifer. Any landscape irrigation water needs would be met using water from the shallow Sand and Gravel aquifer. Demolition of nine facilities within Sub-Basin 8 would remove approximately 44,293 SF of impervious surface area. However, the programmed construction of the nine new facilities in this sub-basin would add 564,371 SF of impervious surface area resulting in a net increase of 520,078 SF or almost 12 acres of impervious surface in Sub-Basin 8. The planned new facilities in this sub-basin would also accommodate an increased population of both permanently assigned and transient personnel resulting in an increase in potable water use. Alternative 1 implementation would result in a long-term, minor, adverse impact on potable water demand in this sub-basin (and on Hurlburt in general) due to an increase in facilities and associated additional personnel. There would also be long-term, minor, adverse impacts to the Sand and Gravel aquifer as a result of increases in impervious surface area both from facilities and from an expansion of the aircraft maintenance hanger/parking apron as well as alterations to Independence Road.

- **Alternative 2—**There are nine proposed projects in Sub-Basin 8 that involve the construction of new facilities or roadway modifications. These new facilities would require potable water from Hurlburt Field's water system, which draws water from the Floridan aquifer. Any landscape irrigation water needs would be met using water from the shallow Sand and Gravel aquifer. Two facilities would be demolished with implementation of this alternative resulting in a removal of 53,445 SF of impervious surface. However, programmed construction of the nine new facilities/roadway improvements in this sub-basin would add 1,335,033 SF or almost 31 acres of impervious surface in Sub-Basin 8. The planned new facilities in this sub-basin would also accommodate an increased population of both permanently assigned and transient personnel resulting in an increase in potable water use. Alternative 2 implementation would result in a long-term, minor, adverse impact on potable water demand in this sub-basin (and on Hurlburt in general) due to an increase in facilities and associated additional personnel. There would also be long-term, minor to moderate, adverse impacts to the Sand and Gravel aquifer as a result of increases in impervious surface area both from facilities and from an expansion of the aircraft maintenance hanger/parking aprons, a helicopter landing pad, alterations to Independence Road and



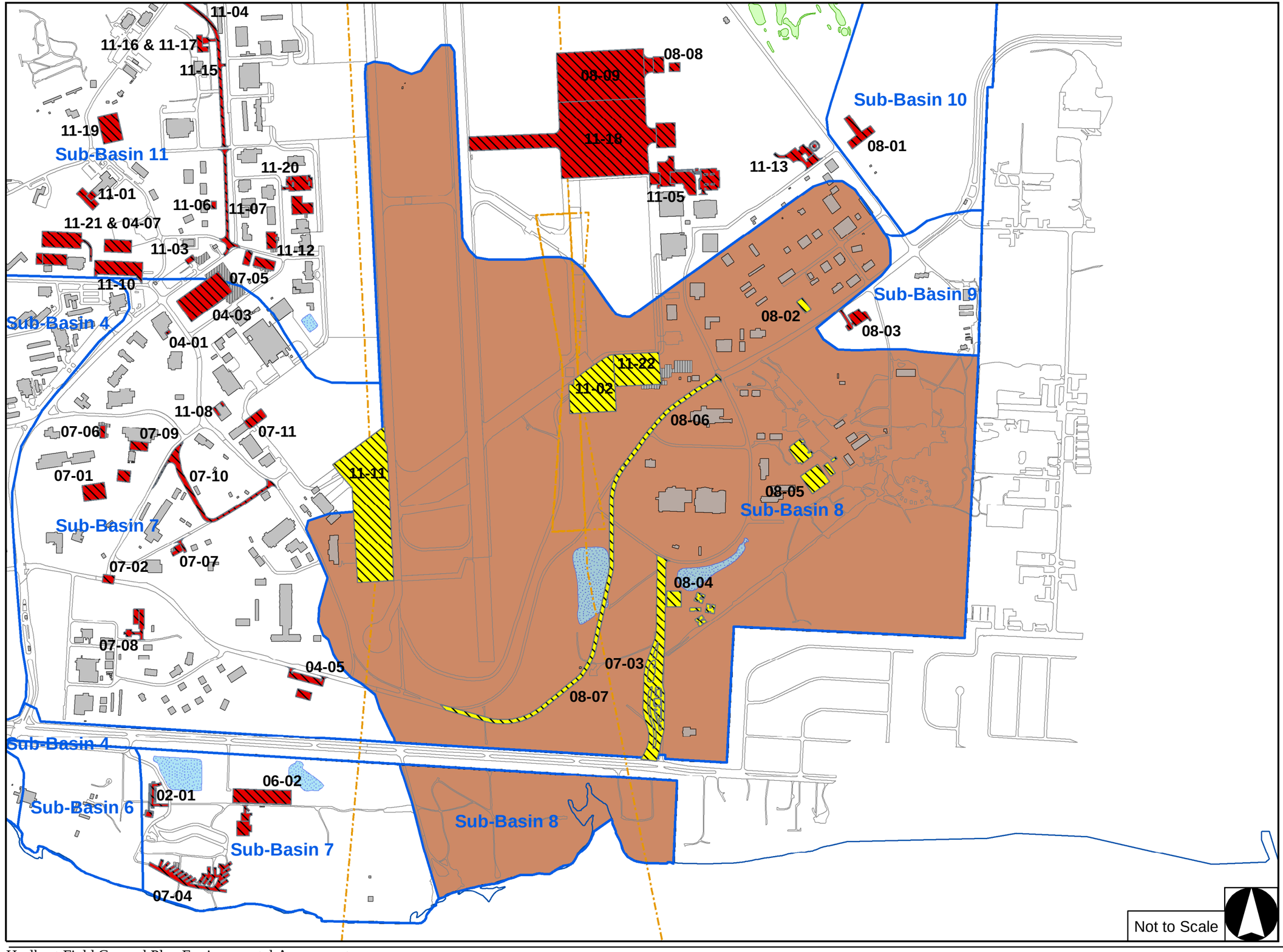
Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 8



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 8

construction of an alternative gate connecting US 98 with Loop Road.

- **No-Action Alternative—**The No-Action Alternative would result in no new facilities although some demolitions may still take place. Generally, the No-Action Alternative would have a negligible impact on both the use/withdrawal of groundwater from the Floridan Aquifer and Sand and Gravel Aquifer.

5.9.3.2 Surface Water and Storm Water

- **Alternative 1—**The majority of the Alternative projects located within Sub-Basin 8 flows into a north/south drainage ditch originating between the flightline and the taxiway, passing through a culvert beneath US 98 and discharges at Outfall 002 into Santa Rosa Sound. Excess storm water passing through the north/south drainage ditch flows through an overflow channel into the East Regional Storm Water Pond just to the southeast of the airfield. Sheet flow north of US 98 is generally directed to the north/south drainage ditch. Sheet flow south of US 98 flows either into the ditch or directly into Santa Rosa Sound. There are no Alternative 1 projects south of U.S. 98 in Sub-Basin 8 that would drain by sheet flow directly into Santa Rosa Sound. The nine demolitions scheduled for this sub-basin would reduce impervious surface area somewhat, but the impact on storm water runoff would be negated by the planned 564,371 SF of new impervious surface area associated with planned new construction.

  Individually, the projects within this sub-basin would result in short-term, negligible to minor, adverse impacts on storm water quality due to potential increases in erosion from demolition and construction activities associated with each project as well as an overall increase in impervious surface area in this sub-basin. However, most of this construction is planned to occur in previously developed areas of the installation with established storm water drainage, which would help minimize some of the storm water impacts. Cumulatively, when taking into consideration the planned demolition of two existing facilities in this sub-basin; Alternative 1 projects would have a short-term and long-term, minor, adverse impact on storm water quality and quantity within this sub-basin. The estimated total long-term increase in impervious surface area within this sub-basin is 520,078 SF or 12 acres.

- **Alternative 2—**As discussed under Section 5.8.3.1, Alternative 2 projects would result in considerably more construction and impervious surfaces (around 31 total acres) than would Alternative 1 (about 12 total acres). As a result there would be more than twice the amount of long-term, cumulative storm water runoff generated by Alternative 2 as there would be by Alternative 1. There would also be more soil disturbance and wetland disturbance during construction of Alternative 2 projects. This would result in greater temporary soil erosion and sedimentation than would construction of Alternative 1 projects. Impacts on existing wetlands (see Section 5.9.3.5) would also reduce storm water absorptive capacity within this sub-basin and further increase storm water runoff. The planned aircraft parking and helicopter landing pad projects would also contribute to increased potential contaminate levels associated with oils, greases, and metals in storm water runoff. Cumulatively, implementation of this alternative would result in short-term and long-term moderate adverse impacts on both the quantity and quality of storm water run off.

- **No-Action Alternative—**The No-Action Alternative would maintain the status quo in terms of facilities within Sub-Basin 8. Some demolitions may still occur as would routine facility maintenance and minor interior upgrades. However, the No-Action Alternative would essentially have no impact on storm water or surface waters beyond the present conditions within the sub-basin. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.9.3.3 Floodplains

- **Alternative 1—**The only Alternative 1 project impacting any 100-year floodplain is Project 08-01 (RED HORSE Vehicle Maintenance Facility). Although the

floodplain impacts of this project are actually in Sub-Basin 11 near Brimms Road the project will be analyzed here. There are 4,167.8 SF of floodplain impacts (out of a 32,496 SF building) associated with this project. Other facilities are already located within this floodplain area. This project would result in a long-term minor adverse impact to the floodplain. The floodplain impact involves only a portion of a building mostly outside of the floodplain and since the building site must be located within the existing RED HORSE area for operational purposes A Finding of No Practicable Alternative would be required.

- **Alternative 2—**No Alternative 2 projects would impact floodplains.

- **No-Action Alternative—**The No-Action Alternative would result in no new facility construction within this sub-basin and, therefore, would not impact floodplains. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.9.3.4 Storm Surge Areas

- **Alternative 1—**Sub-Basin 8 covers areas that could be impacted by a possible storm surge of Categories 1 through 5, however there is only one Alternative 1 project in Sub-Basin 8 located within storm surge areas (Projects 03-3018 (AFLD Waiver, Alter Independence Road). A Category 3 storm surge could flood a small segment of realigned Independence Road southeast of the flightline (Appendix B). A Category 4 or 5 storm surge would flood most of the southern portion of realigned Independence Road. However, since there has been no historic record of storm surges reaching areas on Hurlburt beyond Category 3, any adverse impacts, particularly to a roadway, would probably be of short duration and minor.

- **Alternative 2—**There are two Alternative 2 projects in Sub-Basin 8 that could be impacted by Category 3 or higher storm surges. Both of these projects are roadway realignments or new alignments (Project 07-03 and Project 08-07). The Main Gate project would include structures such as ID check gate houses, entry control/vehicle inspection center, metal canopy over three lanes of traffic, guard booths, overwatch area with shelter and a K-9 facility in addition to the new roadway surfaces. It would require a Category 3 storm surge to begin directly impacting either of these projects. A Category 3 storm surge could also flood across major portions of US 98 adjacent to Hurlburt and could result in its temporary closing and lack of access to the relocated Main Gate. Generally, both roadway-related projects in Alternative 2 could be moderately adversely affected by Category 3 and higher storm surges. However, the adverse effects would normally be of short duration.

- **No-Action Alternative—**The No-Action Alternative would not result in any additional facilities, including roadways being constructed within Sub-Basin 8. The problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.9.3.5 Wetlands

- **Alternative 1—**There are no Alternative 1 projects that would either individually or cumulatively impact existing wetlands within Sub-Basin 8.

- **Alternative 2—**Three projects within Alternative 2 would impact wetlands not currently covered by Section 404/401 permits. These projects include 07-03 (AT/FP Main Gate and Soundside Access Control Facilities), 08-04 (Construct Eastside Dormitory), and 08-07 (AFLD Waiver, Alter Independence Road). Individually or cumulatively, these projects would require permits for the USACE and the FDEP prior to construction. Mitigation would also be required for these projects. Individually and cumulatively, Alternative 2 would have a short-term and long-term, moderate, adverse impact on wetlands within Sub-Basin 8.

- **No-Action Alternative—**With no planned facility construction, the No-Action Alternative would have no impacts on

wetlands existing within Sub-Basin 8. No Section 404 permit or mitigation would be required.

5.9.3.6 General Flora and Fauna

- **Alternative 1—**Alternative 1 projects are already within Hurlburt Field's developed areas or in areas scheduled for redevelopment. Therefore, there are few impacts on flora and fauna. Whatever very minor impacts on trees and other developed landscape elements that might result from implementation of Alternative 1 would be mitigated by replanting and new landscaping. This alternative could have a short-term negligible to minor adverse impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on). However, following the replanting of trees there would be a long-term, negligible to minor, beneficial impact on the flora and fauna in Sub-Basin 8.

- **Alternative 2—**Alternative 2 projects would result in the removal of approximately 17 total landscape trees of significant size. Additionally, the projects impacting wetlands as indicated in Section 6.8.2.5 above would also impact wetland species of plants and animals. Although no RTE species are known from these wetland areas, a more thorough survey for these species may be necessary in order to meet Section 404/401 permit requirements prior to construction. Individually and cumulatively, Alternative 2 projects would have a long-term, minor to moderate, adverse impact on flora and fauna within Sub-Basin 8.

- **No-Action Alternative—**The No-Action Alternative would have no impacts on flora or fauna in Sub-Basin 8. Those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.9.3.7 Archaeological Resources

- **Alternative 1—**Alternative 1 projects will not impact any known archaeological sites within Sub-Basin 8.

- **Alternative 2—**Project 07-03 would impact recorded archaeological site 8OK474. However, this Archaic prehistoric site was determined as ineligible for listing on the National Register of Historic Places (USACE, 1994). No other Alternative 2 project would impact any known archaeological site. Therefore, Alternative 2 implementation would have a negligible impact on archaeological resources.

- **No-Action Alternative—**The No-Action Alternative would involve no new facility or roadway work within Sub-Basin 7. Therefore, there would be no impacts on archaeological resources from the No-Action Alternative.

5.9.3.8 Infrastructure and Traffic

- **Alternative 1—**Utility systems in Sub-Basin 8 would likely have somewhat higher demands due to the addition of nine new facilities/roadway projects. However, Sub-Basin 8 is within a highly developed area of Hurlburt Field with relatively easy access to existing utilities. This area of the installation also is reported to not yet be at full capacity for any of the major utility systems. There will likely be short-term disturbances in the utility infrastructure system during construction periods, but the long-term impacts will be minor and beneficial.

  Roadway improvements and changes within Sub-Basin 8 are likely to be extensive for this area given the planned improvements to Independence Road. There are two projects scheduled for this area that deal with Independence Road. Project 08-07 (AFLD Waiver, Alter Independence Road) will alter Independence Road moving out of the airfield Primary Surface zone and project 03-3013 will widen parts of Independence Road southwest of Loop Road. The proposed action would have short-term, minor, adverse impacts due to traffic disruptions during the construction period. However, there would be an individual and cumulative, long-term, moderate, beneficial impact on traffic patterns and traffic flow on Hurlburt.

- **Alternative 2—**Utility systems in Sub-Basin 8 would likely have somewhat higher demands due to the addition of nine new facilities/roadway projects. However, Sub-

Basin 8 is within a highly developed area of Hurlburt Field with relatively easy access to existing utilities. This area of the installation also is reported to not yet be at full capacity for any of the major utility systems. There will likely be short-term disturbances in the utility infrastructure system during construction periods, but the long-term impacts will be minor and beneficial.

Project 07-03 would create a major change in installation access from US 98. This project would shift installation access to from the west side of the airfield the east side of the airfield with Loop Road serving as a major connector to Independence Road and the rest of the installation. Major shifts in traffic circulation as well as the creation of potential capacity and safety problems could arise from this proposed change unless additional roadway changes were made. The project individually and all Alternative project cumulatively would have a long-term, moderate, adverse impact on traffic circulation and safety within Sub-Basin 8 and throughout the installation.

- **No-Action Alternative—**The No-Action Alternative would result in no modification of existing utility systems or roadways within Sub-Basin 8. This could lead to increased congestion on local roadways over the long-term. There would be no anticipated impact on utilities.

5.9.3.9 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 1—**Solid waste generation (along with the potential for some special and hazardous waste generation) would occur as part construction of the nine projects in Sub-Basin 8 and/or the demolition of four facilities. Waste generation would be associated construction material debris; demolition debris; and site clearing, grubbing and grading. Limited amounts of special wastes and hazardous materials and wastes associated with construction and demolition could include asbestos-containing materials and lead-based paint in demolition debris as well as solvents, fuels, pesticides and other materials potentially used in construction-related activities. Individually, Alternative 1 would have a short-term, negligible to minor, adverse impact on special, solid, and hazardous wastes and hazardous materials generation during the demolition and construction of the proposed projects. None of the Alternative 1 projects would involve construction of facilities specifically for hazardous materials/waste use or storage. However, Project 08-01 (RED HORSE Vehicle Maintenance Facility) and Project 08-09 (SOF UAV Maintenance Hangar/ Parking Apron) would be a designated satellite accumulation point locations under the Hurlburt Hazardous Waste Management Plan.

- **Alternative 2—**Solid waste generation (along with the potential for some special and hazardous waste generation) would occur as part construction of the nine projects in Sub-Basin 8 and/or the demolition of two facilities. Waste generation would be associated construction material debris; demolition debris; and site clearing, grubbing and grading. Limited amounts of special wastes and hazardous materials and wastes associated with construction and demolition could include asbestos-containing materials and lead-based paint in demolition debris as well as solvents, fuels, pesticides and other materials potentially used in construction-related activities. The increased amount of paving associated with several Alternative 2 projects, e.g. Projects 07-03 (AT/FP Main Gate and Soundside Access Control Facilities), 11-02 (Fill/Clear Wetlands, Helicopter Landing Pad), 11-11 (SOF C-130 Aircraft Apron), and 11-22 (SOF CV-22 Aircraft Parking Apron) would increase the use of petroleum-based materials and associated waste material generation. Individually, Alternative 2 projects would have a short-term, moderate, adverse impact on special, solid, and hazardous wastes and hazardous materials generation during the demolition and construction of the proposed projects. None of the Alternative 2 projects would involve construction of facilities specifically for hazardous materials/waste use or storage. However, Project11-02 (Helicopter Landing Pad), Project 11-11 (SOF C-130 Aircraft Apron, and Project 11-22 (SOF CV-22 Aircraft Parking Apron) would be designated satellite accumulation point locations under the Hurlburt Hazardous Waste Management Plan.

- **No-Action Alternative—**The No-Action Alternative would involve no new construction. However demolitions could still take place resulting in some very limited generation of special wastes such as asbestos-containing materials and lead-based paint.

5.10 SUB-BASIN 9 (FIGURES 23 AND 24)

5.10.1 Overview of Alternative 1

There are no Alternative 1 projects sited within Sub-Basin 9.

5.10.2 Overview of Alternative 2

The only Alternative 2 project sited within Sub-Basin 9 is Project 08-03 (Shoppette Facility, East Side), which is shown in relationship to the entire sub-basin in Figure 24 with additional site detail in Appendix B. The Alternative 1 location for this project is in Sub-Basin 8.

The purpose and need for this project is given in Table 3 in Section 2.0. Detailed project justification and additional construction information can be found in DD Form 1391 information in Appendix C.

The only resource area that would be impacted would be the removal of nine mature trees. There would be no impacts from this project on floodplains; wetlands; rare, threatened, or endangered species; cultural resources, IRP site, or hazardous materials/hazardous wastes. The site would not be impacted by storm surge Q/D Arcs, or flightline noise.

There are no demolitions or other planned actions within this sub-basin that need to be considered in cumulative impact analysis.

5.10.3 Analysis

- **Alternative 2—**Project 08-03 (Shoppette Facility, East Side) would add approximately 26, 611 SF of additional impervious surface area to Sub-Basin 9. This project would also result in removal of a number of significantly sized landscape trees currently on the proposed construction site. This project would have negligible to extremely minor impacts on recharge of the Sand and Gravel Aquifer and on surface water/storm water quantity and quality.

- **No-Action Alternative—**The No-Action Alternative would have no impacts within Sub-Basin 9.

5.11 SUB-BASIN 10 (FIGURES 25 AND 26)

5.11.1 Overview of Alternative 1

Alternative 1 has no projects within Sub-Basin 10.

5.11.2 Overview of Alternative 2

Alternative 2 has two projects within this sub-basin. Alternative 2 projects within this sub-basin are listed in Table 24 and are shown in relationship to the entire sub-basin in Figure 26 with additional site detail in Appendix B. The Alternative 1 locations for the two projects shown in Table 24 are in Sub-Basins 4 and 8 for Projects 04-04 and 08-01, respectively; and their impacts are discussed under those two sub-basins.

Table 24
Installation MILCON and SRM Projects in Sub-Basin 10, Alternative 2

Project #	FTEV #	Description
04-04	99-3036	Child Development Center
08-01	00-3009	Vehicle Maintenance Facility

The purpose and need for these projects is given in Table 3 in Section 2.0. Detailed project justification can be found in DD Form 1391 in Appendix C. The total impact of the projects within Sub-Basin 10 is calculated in Table 25 and analyzed in the following paragraphs.

There are no demolitions associated with the Alternative 2 projects in this sub-basin, and therefore, no cumulative impacts from localized demolition.

Table 25
Impact Summary for Sub-Basin 10, Alternative 2

Impact Area	Result
Floodplain Impacts	32,496 SF (0.74 Acre)
Un-permitted Wetland Impacts	32,380 SF (0.74 Acre)
New Impervious Surface	2 Facilities (108,942 SF)
Demolitions	None

General Plan projects in this sub-basin would have no impact on the following issue/resource areas: permitted wetland areas, RTE species, cultural resources, IRP sites, tree removal, and air emissions.

5.11.3 Analysis

Since there are no Alternative 1 projects located within Sub-Basin 10, the following analyses are limited to potential impacts only from Alternative 2 and the No-Action Alternative.

5.11.3.1 Groundwater

- **Alternative 2—**The new Alternative 2 facilities would require potable water from Hurlburt Field's water system, which draws water from the Floridan Aquifer. Any landscape irrigation water needs would be met using water from the shallow Sand and Gravel Aquifer.

  There are no planned demolitions of existing facilities or reductions in working populations within Sub-Basin 10 that would reduce the demand on potable water over the short or long-term. However, there would be long-term, minor, adverse impacts on potable water demand as a result of the new facilities. There would also be long-term, minor, adverse impacts to the Sand and Gravel aquifer as a result of increases in impervious surface area both from the new facilities.

- **No-Action Alternative—**The No-Action Alternative would not construct any new facilities in Sub-Basin 10. The existing vehicle maintenance center and child development center would be continue to be used and maintained as needed, neither of which are located in Sub-Basin 10. Therefore, there would be no impact on groundwater in this sub-basin.

5.11.3.2 Surface Water and Storm Water

- **Alternative 2—**The majority of the projects located within Sub-Basin 10 drain southward to areas off-installation along with the northern half of the eastern installation perimeter. Eventually, storm water from this area drain into Cinco Bayou. There are no planned demolitions for Alternative 2 within Sub-Basin 10. Individually, the projects within this sub-basin would result in short-term, negligible to minor, adverse impacts on storm water quality due to potential increases in erosion from construction activities associated with each project, as well as an overall increase in impervious surface area in this sub-basin. However, most of this construction is planned to occur in previously developed areas of the installation with established storm water drainage, which will help minimize some of the storm water impacts. Cumulatively, the projects listed as part of Alternative 2 would have a short-term and long-term, minor, adverse impact on storm water quality and quantity within this sub-basin. Estimated change increase in impervious surface area within this sub-basin is 108,942 SF or about 2.5 acres.

- **No-Action Alternative—**The No-Action Alternative would involve no construction of new facilities. This would have a long-term, minor, beneficial impact on storm water run-off. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.11.3.3 Floodplains

- **Alternative 2—**The only project within Sub-Basin 10 that is partially or entirely within an identified floodplain is Project 08-01 (Vehicle Maintenance Facility). Project 08-01 would impact 32,496 SF of 100-year floodplain. This project would result in a long-term minor adverse impact to the floodplain. A Finding of No Practicable Alternative (FONPA) would need to be approved prior to construction of this building.

- **No-Action Alternative—**The No-Action Alternative would involve no new construction within Sub-Basin 10. The existing facilities on the installation would continue to be used. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

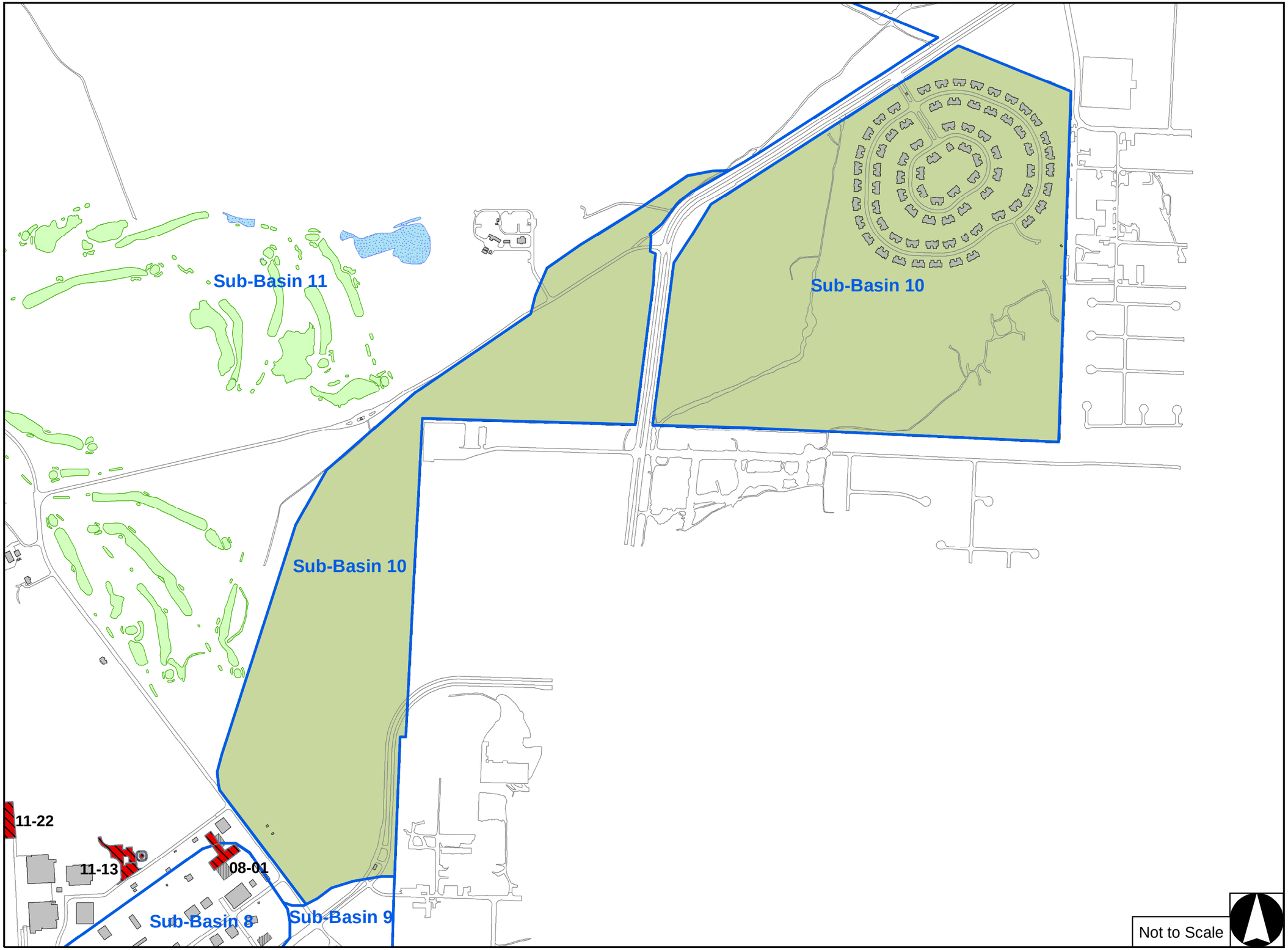
- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 9



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 9



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 10



Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 10

5.11.3.4 Wetlands

- **Alternative 2—**Project 08-01 (Vehicle Maintenance Facility) would result in 32,380 SF (0.74 acre) of un-permitted wetland impacts. This amount of wetland impact would require an Individual Section 404 permit and mitigation. Overall, this project would have a short-term and long-term, minor, adverse impact on freshwater wetlands on Hurlburt Field.

- **No-Action Alternative—**The No-Action Alternative would involve no new construction within Sub-Basin 10, and therefore there would be no wetland impacts and no Section 404 permit or mitigation would be required. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.11.3.5 General Flora and Fauna

- **Alternative 2—**There are few impacts on flora and fauna since both Alternative 2 projects in this sub-basin are in highly developed areas of the installation. It is not anticipated that any trees would need to be removed as part of implementing this alternative. Alternative 2 projects in Sub-Basin 10 would have a short-term, negligible adverse impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on) during construction. Following construction, there would be a long-term, negligible, beneficial impact on the flora and fauna in Sub-Basin 10 from additional landscaping using native plant materials.

- **No-Action Alternative—**The No-Action Alternative would not involve any facility construction within Sub-Basin 10. Therefore, there would be no impacts on flora or fauna. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.11.3.6 Infrastructure and Traffic

- **Alternative 2—**Utility systems in Sub-Basin 10 would likely have a slightly higher load due to the addition of two new facilities. However, the location of Sub-Basin 10 is on the edge of the highly developed area of Hurlburt Field with relatively easy access to existing utilities. This area of the installation also is reported to not yet be at full capacity for any of the major utility systems, and the new facilities would be constructed using energy efficient and water-saving systems. There will likely be short-term disturbances in the utility infrastructure system during construction periods, but the long-term impacts will be minor and beneficial.

  There are no planned roadway changes associated with this alternative, however, the implementation of the two new facilities would increase traffic in the general area. Alternative 2 projects would have short-term, minor, adverse impacts on installation traffic and utility systems during the construction period. However, there would be an individual and cumulative, long-term, minor, beneficial impact on utility usage on Hurlburt, but the lack of roadway improvements would have a long-term, minor, adverse impact on traffic circulation.

- **No-Action Alternative—**The No-Action Alternative would not involve any facility construction within Sub-Basin 10. Therefore, there would be no impacts on infrastructure and traffic. However, those problems and needs as outlined under the DD Forms 1391 for projects within this sub-basin (see Appendix C) would tend to increase and could initially compromise the mission requirements for Hurlburt Field.

5.11.3.7 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 2—**Some solid waste generation (along with the potential for some special and hazardous waste generation) would occur as part of construction of the two projects in Sub-Basin 10. Some additional solid waste generation would be associated with site clearing and grubbing for some of the new facilities included in this alternative. Most of this waste would be vegetation cleared from the sites prior to

construction. Individually, Alternative 2 in Sub-Basin 10 would have a short-term, negligible to minor, adverse impact on solid waste generation during the construction of the proposed projects. The construction of Project 08-01 (Vehicle Maintenance Facility) would be the future site of a satellite hazardous waste accumulation point. Alternative 2 Sub-Basin 10 projects would have a short-term, moderate, adverse impact on solid waste generation.

- **No-Action Alternative—**The No-Action Alternative would not generate substantial amounts of solid waste, as no facilities would be constructed in Sub-Basin 10. However, the problems and needs as outlined under the DD Forms 1391 associated with projects in this sub-basin (see Appendix C) would increase over time and could have a long-term negative impact on the mission of Hurlburt Field.

5.12 SUB-BASIN 11 (FIGURES 27 AND 28)

5.12.1 Overview of Alternative 1

Projects associated with Alternative 1 within this sub-basin are listed in Table 26 and are shown in relationship to the entire Sub-Basin 11 in Figure 27 and in additional site detail in Appendix B.

Sub-Basin 11 contains the largest number of projects included in the General Plan. The purpose and need for each Alternative 1 project listed in Table 26 is summarized in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

The only project located in Sub-Basin 11 that will be analyzed in another sub-basin is Project 04-07 (SOF JSOU Library/Education Center Complex/Language Lab Ph 3), which is described in Sub-Basin 4. Project 11-13 (Hydrant Fueling System) contains some area within Sub-Basin 8, but is analyzed in this section.

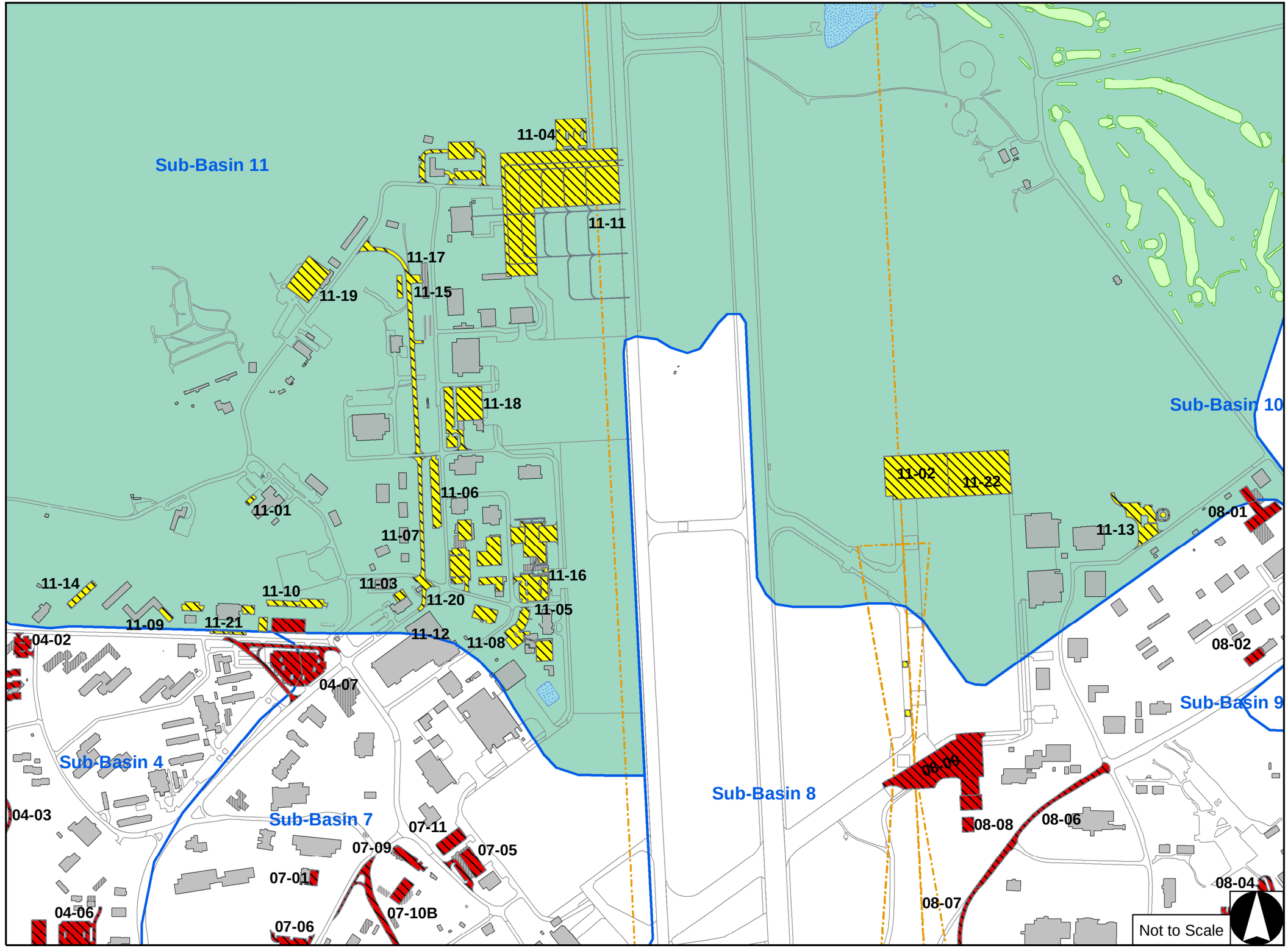
The total impact of all 22 projects within Sub-Basin 11 is calculated in Table 27 and analyzed in the following paragraphs in the analysis portion of this section.

Table 26
Installation MILCON and SRM Projects in Sub-Basin 11, Alternative 1

Project #	FTEV #	Description
11-01	04-5002	Construct Workbays at Auto Hobby Shop; Bldg. 90612
11-02	03-1049	Fill/Clear Wetlands, Helicopter Landing Pad
11-03	94-3001	ADAL Security Forces Operations
11-04	97-3006	SOF Engine Maintenance and Storage Shop
11-05	97-3018	Fire Crash/Rescue Station
11-06	01-3021	25th Intelligence Squadron Operations Facility
11-07	03-3014	Realign Cruz Avenue
11-08	04-3005	SOF Squadron Operations Tallon II
11-09	02-3010	Addition to Visiting Quarters
11-10	02-3013	ADAL USAFSOS Facility
11-11	04-3004	SOF C-130 Aircraft Apron
11-12	04-3007	SOF Survival Equipment Shop
11-13	97-3016	Hydrant Fueling System
11-14	03-3006	Visiting Officers Quarters
11-15	03-3015	Realign Cruz Avenue-Phase II
11-16	04-3008	SOF DASH-21 Maintenance Facility
11-17	04-3009	SOF Maintenance Storage Facility
11-18	04-3010	SOF C-130 Talon II Maintenance Hanger
11-19	96-3012	Squadron Operations Facility, 18 FLTS
11-20	97-3009	Operations Group/Operations Plans Facility
11-21	02-3014	SOF JSOU Headquarters Facility, Phase II
11-22	04-3014	SOF CV-22 Aircraft Parking Apron

Table 27
Impact Summary for Sub-Basin 11, Alternative 1

Impact Area	Result
Floodplain Impacts	286,430 SF (6.57 acres)
Un-permitted Wetland Impacts	32,590.6 SF (0.75 acres)
Permitted Wetland Impacts	136,388 SF (3.13 Acre)
IRP Impacts	11 Projects Will Impact IRP Areas for a Total of 103,224.8 SF (2.37 acre)
AICUZ Impacts	22 Projects are Within the 65 db Contour
Q/D Arc Stand-off Distances	292,565.6 SF (6.72 Acres) Must be in Stand-Off Areas
Trees Removed	32 Trees
Hazardous Materials	Future Satellite Accumulation Points (SAP) for Projects 11-01, 11-02, 11-04, 11-11, 11-13, 11-16, 11-18, and 11-22
Air Emission Permits	1 Project Will Need a Modification to the Air Emissions Permit (Project 11-13)
New Impervious Surface	1,503,830 SF
Demolitions	40 Facilities (238,719 SF)



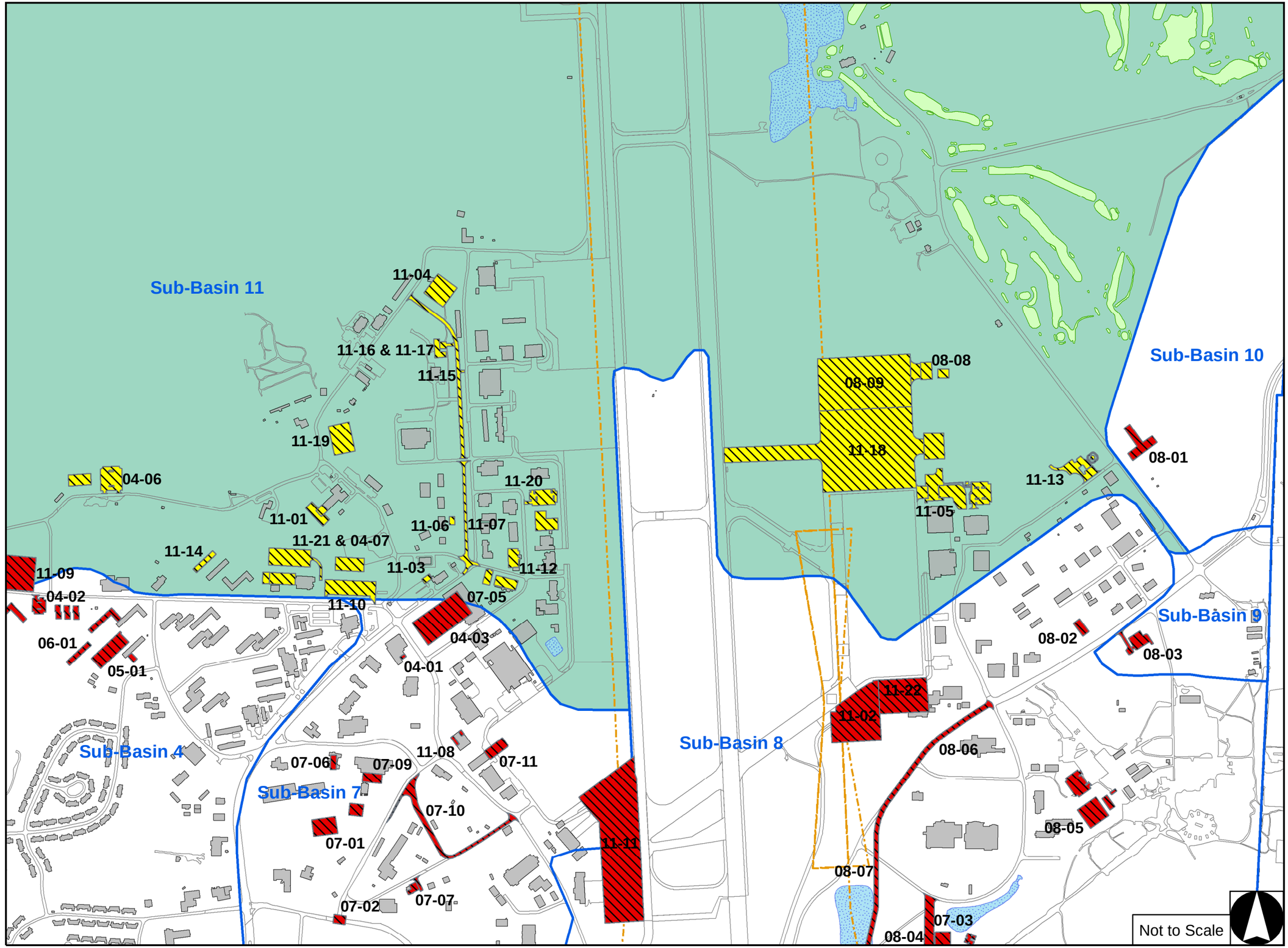
Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 11



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

- Sub-Basin Projects
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- Airfield Clear Zone
- Shoreline
- Surface Water
- Sub-Basin 11

The total area (*i.e.*, new impervious surface) of all projects by Alternative 1 in Sub-Basin 11 is 1,503,830 SF or 34.52 acres. Other projects within Sub-Basin 11 (Alternative 1) not part of the General Plan but which could have cumulative impacts include 40 facility demolitions clearing approximately 238,719 SF (5.48 acres). These demolitions are programmed in order to facilitate the implementation of the projects. Individually and cumulatively future General Plan projects in this sub-basin would have no impact on the following issue/resource areas: storm-surge, RTE species, or cultural/archaeological resources.

5.12.2 Overview of Alternative 2

Projects within this sub-basin for Alternative 2 are listed in Table 28 which are shown in relationship to the entire Sub-Basin 11 in Figure 28 and in additional site detail in Appendix B.

Table 28
Installation MILCON and SRM Projects in Sub-Basin 11, Alternative 2

Project #	FTEV #	Description
04-06	97-3019	Airmen Leadership School
07-05	04-3006	SOF Weapons and Release Systems Shop
08-08	04-3011	SOF UAV Squadron Operations Facility
08-09	04-3012	SOF UAV Maintenance Hanger/ Parking Apron
11-01	04-5002	Construct workbays at Auto Hobby Shop
11-03	94-3001	ADAL Security Forces Operations
11-04	97-3006	SOF Engine Maintenance and Storage Shop
11-05	97-3018	Fire Crash/Rescue Station
11-06	01-3021	25th Intelligence Squadron Operations Facility
11-07	03-3014	Realign Cruz Avenue
11-10	02-3013	ADAL USAFSOS Facility
11-12	04-3007	SOF Survival Equipment Shop
11-13	97-3016	Hydrant Fueling System
11-14	03-3006	Visiting Officer Quarters
11-16 & 11-17	04-3008 & 04-3009	SOF DASH 21 Maintenance Facility and Storage Facility
11-18	04-3010	Talon II Maintenance Hanger
11-19	96-3012	Squadron Operations Facility
11-20	97-3009	Operations Group Plans Facility
11-21	02-3004	SOF JSOU HQ Facility

Projects located in Sub-Basin 11 that overlap with other sub-basins include Project 11-10. The purpose and need for each project listed in Table 3 in Section 2.0. Detailed project justifications and additional construction information can be found in DD Form 1391 information in Appendix C.

The total impact of all 19 Alternative 2 projects within Sub-Basin 11 is calculated in Table 29 and analyzed in the following paragraphs in the analysis portion of this section.

Table 29
Impact Summary for Sub-Basin 11, Alternative 2

Impact Area	Result
Floodplains	635,696 SF (14.59 acres)
Un-permitted Wetlands	1,013,994 SF (23.28 acres)
IRP Sites	8 projects will Impact IRP Areas for a Total of 159,838 SF (3.67 acres)
Q/D Arc Stand-off Distances	124 SF (0.003 acres) must be in stand-off areas
AICUZ	17
Trees Removed	13
RTE Habitat	39,950 SF (0.92 acres)
Hazardous Materials	Future SAP for 07-05, 08-09, 11-01, 11-04, 11-13, 11-16, 11-17, and 11-18.
Air Emissions Permits	1 project will need a modification to the air emissions permit (11-13)
New Impervious Surface	1,924,031 SF
Demolitions	12 Facilities (57,820.8 SF)

The total area (*i.e.*, new impervious surface) of all projects by Alternative 2 in Sub-Basin 11 is 1,924,031 SF (44.17 acres). Other projects within Sub-Basin 11(Alternative 2) not part of the General Plan but which could have cumulative impacts include 12 facility demolitions clearing approximately 57,820.8 SF (1.33 acres). Some of these demolitions are programmed in order to facilitate the implementation of the projects. Individually and cumulatively, future General Plan projects in this sub-basin would have no impact on the following issue/resource areas: storm surge, permitted wetland areas, or cultural/archaeological resources.

5.12.3 Analysis

5.12.3.1 Groundwater

- **Alternative 1—**There are 13 proposed projects in Sub-Basin 11 that involve the construction of new facilities requiring connection to the potable water system and which would add to demand on the Floridan Aquifer. There are also three additions to existing buildings programmed. Although some of the new facility demand would be offset by the facilities scheduled for closure and demolition within this sub-basin, construction of all of the facilities proposed in the General Plan would have an overall long-term, very minor, adverse impact on

groundwater supplies from the Floridan Aquifer. The increase in impervious surface area of approximately 1,265,111 SF (29.04 acres) within this sub-basin (specifically addition of an aircraft parking apron, helicopter landing pad, as well as alterations to Cruz Avenue) would also have a long-term, minor, adverse impact on recharge of the shallow Sand and Gravel Aquifer beneath Hurlburt. Cumulatively, the proposed actions in Sub-Basin 11 would have a long-term, minor, adverse impact on groundwater.

- **Alternative 2—**There are 16 projects in this alternative that involve the construction of new facilities that will likely require connection to the potable water system. There are also several additions to existing buildings programmed. The additional facilities would add to demand on the Floridan Aquifer. Although a portion of the new facility demand would be offset by those facilities scheduled for demolition, construction of all the proposed facilities would have a long-term, minor, adverse impact on groundwater supplies. In addition, the total increase in impervious surface area of approximately 1,083,499.7 SF (24.87 acres) from such projects as the aircraft parking apron and the realignment of Cruz Avenue would limit the recharge ability of the shallow Sand and Gravel Aquifer beneath Hurlburt. This would have a long-term, minor, adverse, impact on recharge in Sub-Basin 11. Cumulatively, the actions associated with Alternative 2 in Sub-Basin 11 would have a long-term, minor, adverse impact on groundwater.

- **No-Action Alternative—**The projects discussed for Sub-Basin 11 would not be pursued under this alternative. The impacts on the existing groundwater draw would be minimal and, in the long-term, beneficial, as planned demolitions would occur, but no new structures would be built that would further draw on potable water resources. Those problems and needs as outlined under the DD Forms 1391 related to projects in Sub-Basin 11 (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.12.3.2 Surface Water and Storm Water

- **Alternative 1—**The majority of the projects located within Sub-Basin 11 have no obvious storm water discharge outfalls, though Outfalls 1,8, 9, and 10 likely receive storm water from some projects. Considerable sheet flow is likely to enter East Bay Swamp to the north. A few projects drain to the East Regional Storm Water Pond just to the southeast of the airfield and, in times of high flow, discharge to Santa Rose Sound through Outfall 2 (Sub-Basin 8). The 40 demolitions scheduled for this sub-basin are likely to have a short-term, minor to moderate, beneficial impact on storm water due to a temporary reduction in impervious surface area in this area. However, the main airfield and addition of an aircraft parking apron, helicopter landing pad, and numerous facilities would negate the beneficial impact resulting from the demolitions. Additionally, most of this construction is planned to occur in previously developed areas of the installation with established storm water drainage, which will help minimize some of the storm water impacts. Cumulatively, when taking into consideration the planned demolition of 40 existing facilities and all of the projects within Alternative 1, there would be a long-term, minor, adverse impact on storm water quantity and quality within this sub-basin. There would be an overall increase of 1,265,111 SF (29.04 Acres) of impervious surface within Sub-Basin 11 as a result of planned Alternative 1 projects along with planned facility demolitions.

- **Alternative 2—**The majority of Alternative 2 projects located within Sub-Basin 11 have no obvious storm water discharge outfalls, though Outfalls 1,8, 9, and 10 likely receive storm water from some projects. Considerable sheet flow is likely to enter East Bay Swamp to the north. A few projects drain to the East Regional Storm Water Pond just to the southeast of the airfield and, in times of high flow, discharge to Santa Rose Sound through Outfall 2 (Sub-Basin 8). The 12 demolitions scheduled for this sub-basin are likely to have a short-term, minor, beneficial impact on storm water due to a temporary reduction in impervious surface area in this area. However, the addition of an aircraft parking apron and

numerous new facilities would negate the beneficial impact resulting from the demolitions. Additionally, most of this construction is planned to occur in previously developed areas of the installation with established storm water drainage, which will help minimize some of the storm water impacts. Cumulatively, when taking into consideration the planned demolition of 12 existing facilities and all of the projects within Alternative 2, there would be a long-term, minor, adverse impact on storm water quantity and quality within this sub-basin. There would be a net increase of 1,083,499.7 SF (24.87 acres) of impervious surface as a result of Alternative projects within Sub-Basin 11 also taking into account planned Sub-Basin 11 demolitions.

- **No-Action Alternative—**The projects discussed for Sub-Basin 11 would not be pursued under this alternative. Consequently, no additional impervious surface would be added to Sub-Basin 11, including areas designated for vehicular or aircraft parking. This would result in a short-term and long-term moderate, beneficial impact on storm water quantity (less impervious surface) and quality (less contaminants from new operations). The 40 planned demolitions set to occur in this sub-basin would likely occur, resulting in an overall, long-term, decrease in impervious surface areas. However, those problems and needs as outlined under the DD Forms 1391 associated with the projects programmed within Sub-Basin 11 (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.12.3.3 Floodplains

- **Alternative 1—**There are three projects associated with Alternative 1 that are partially or wholly within 100-year floodplains: Project 11-02 with 130,078.6 SF of impact; Project 11-13 with 27,128 SF of impact; and Project 11-22 with 129,223.4 SF of impact. There is a total of 286,430 SF (6.57 acres) of floodplain impacts associated with this alternative. In accordance with Executive Order 11988 and Air Force policy, each individual project sited within a floodplain will need to be evaluated and validated with a Finding of No Practicable Alternative prior to construction. Overall, Alternative 1 would have a long-term, minor, adverse impact on floodplain capacity and functioning.

- **Alternative 2—**There are five projects as part of Alternative 2 that are located partially or wholly within the 100-year floodplain:

  - Project 08-08 with 23,000 SF of impact.
  - Project 08-09 with 383,605 SF of impact.
  - Project 11-05 with 120,329 SF of impact.
  - Project 11-13 with 39, 661 SF of impact.
  - Project 11-18 with 691,101 SF of impact.

  There is a total of 1,257,696SF (28.87 acres) of floodplain impact associated with this alternative. In accordance with Executive Order 11988 and Air Force policy, each individual project sited within a floodplain will need to be evaluated and validated with a Finding of No Practicable Alternative prior to construction. Overall, Alternative 2 would have a long-term, minor, adverse impact on floodplain capacity and functioning.

- **No-Action Alternative—**The projects discussed for Sub-Basin 11 would not be pursued under this alternative. This would entail no additional encroachments to the floodplain areas in Sub-Basin 11 and would not require additional permitting. Operationally, those problems and needs as outlined under the DD Forms 1391 associated with Sub-Basin 11 (see Appendix C) and the projects therein would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.12.3.4 Wetlands (Permitted and Un-Permitted)

- **Alternative 1—**There are four projects that impact wetlands (One in permitted wetlands, three in un-permitted wetlands). Project 11-02 with 136,388 SF of permitted impacts; Project 11-04 with 6,755.6 SF of un-permitted impacts; Project 11-11 with 21,074.3 SF of un-permitted impacts; Project 11-13 with 4,760.7 SF of un-permitted wetland impacts. There is a total

of 168,957.6 SF (3.88 acres) of total wetland impacts associated with Alternative 1. The portion of wetland impact associated with project 11-02 is already permitted under Hurlburt Field's 10-year permit No. 17-0151212 dated May 5, 2000.

Individually and cumulatively, projects described as part of Alternative 1 would have short-term and long-term, moderate adverse impacts on wetlands in Sub-Basin 11. All un-permitted wetland impacts would need to be documented and approved by the USACE and the FDEP through the Section 404 and 401 permitting process.

- **Alternative 2—**There are 10 projects that impact wetlands (all 10 are in un-permitted wetland areas).

  - Project 04-06 with 8,533 SF of impact.
  - Project 04-07/11-21 with 43,066 SF of impact.
  - Project 08-08 with 36,496 SF of impacts.
  - Project 08-09 with 383,605 SF of impact.
  - Project 11-01 with 6,605 SF of impact.
  - Project 11-10 with 6,869 SF of impacts.
  - Project 11-13 with 33,529 SF of impact.
  - Project 11-14 with 3,831 SF of impact.
  - Project 11-18 with 446,560 SF of impacts.
  - Project 11-19 with 46,930 SF of impact.

  There is a total of 1,013,994 SF (23.28 acres) of wetland impact associated with Alternative 2. None of the projects associated with this alternative have been previously permitted to impact wetlands.

  Individually and cumulatively, projects described as part of Alternative 2 would have short-term and long-term, major adverse impacts on wetlands in Sub-Basin 11. All un-permitted wetland impacts would need to be documented and approved by the USACE and the FDEP through the Section 404 and 401 permitting process.

- **No Action Alternative—**The projects discussed for Sub-Basin 11 would not be pursued under this alternative. This would entail no additional encroachments to the wetlands areas in Sub-Basin 11 and would not require additional permitting. However, it is likely that those wetland areas that currently are permitted to be filled would be filled in the future. Therefore, cumulatively, there would still be along-term, minor, adverse impact to wetlands in Sub-Basin 11. Operationally, those problems and needs as outlined under the DD Forms 1391 associated with Sub-Basin 11 (see Appendix C) would tend to increase and could eventually compromise the mission requirements for Hurlburt Field.

5.12.3.5 General Flora and Fauna

- **Alternative 1—**As with most General Plan projects, the projects encompassed within Sub-Basin 11 are already within Hurlburt Field's developed areas or in areas scheduled for redevelopment. Therefore, for these projects there are few impacts on flora and fauna, except for impacts on mature trees. However, Project 11-13 would impact the natural vegetation in an undeveloped area of Hurlburt. Although no mature trees are known to be removed for this project; some clearing and grubbing of existing vegetative areas will be necessary resulting in a long-term, minor, adverse impact. Project 11-02 is covered under the Hurlburt 10-year wetland permit (see Section 5.12.3.4) and would result in the removal of wetland vegetative species. The other projects in this alternative would result in approximately 32 tree removals.

  Cumulatively, the demolition of 40 facilities as part of this alternative in Sub-Basin 11 would not impact existing flora and fauna, due to the developed nature of the sub-basin. Overall, projects within Sub-Basin 11 would have short-term and long-term, moderate, adverse impacts on both landscape trees and on native forest species. Alternative 1 projects would have a short-term, very minor adverse impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on), but they would have a short-term and long-term moderate adverse impact on wildlife habitat in undeveloped areas of the sub-basin.

- **Alternative 2**—The projects encompassed within Alternative 2 as part of Sub-Basin 11 are generally within the already developed areas of Hurlburt Field. As a result, there are few impacts on existing flora and fauna, with

the exception of the removal of mature trees for some projects. However, Projects 08-08, 08-09, 11-13, and portions of 11-18 appear to be sited in areas that are not currently developed. Implementing these projects would entail some clearing and grubbing of existing vegetative areas that would result in short-term, minor to moderate, adverse impacts. There would be 13 trees removed as part of this alternative.

Cumulatively, the demolition of 12 facilities as part of this alternative in Sub-Basin 11 would not impact existing flora and fauna, due to the developed nature of the sub-basin. Overall, projects within Sub-Basin 11 would have short-term and long-term, moderate, adverse impact on both landscape trees and on native forest species. Alternative 2 projects would have a short-term, very minor adverse impact on urban wildlife habitat (nest trees, landscape plantings around quarters, and so on), but they would have a short-term and long-term moderate adverse impact on wildlife habitat in undeveloped areas of the sub-basin.

- **No-Action Alternative—**The projects discussed for Sub-Basin 11 would not be pursued under the No-Action Alternative. There would be no additional or new construction under this alternative resulting in minimal impacts to existing flora and fauna. This would have a long-term, minor, beneficial impact on flora and fauna in the area, particularly to mature trees that would not be taken as a result of new construction. However, the problems and needs as outlined under the DD Forms 1391 (see Appendix C) would increase over time and could have a long-term impact on the mission of Hurlburt Field.

5.12.3.6 RTE Species

- **Alternative 1—**There are no projects located in Sub-Basin 11 associated with Alternative 1 that would impact RTE species or their habitats. However, the actions as part of this alternative could have an indirect, long-term, minor, adverse impact upon pine woods habitats used by the Bachman's sparrow (*Aimophila aestivalis*) that is more extensive on adjacent areas of Hurlburt Field and Eglin AFB.

- **Alternative 2—**Project 11-13 in Alternative 2 would impact 39,950 SF (0.92 acre) of RTE habitat. The proposed action would have a long-term, minor, adverse impact upon the Bachman's sparrow as its pine woods habitat is more extensive on adjacent areas of Eglin AFB.

- **No-Action Alternative—**No projects would be pursued under this alternative other than regular maintenance and upkeep of existing facilities. Consequently, no RTE species would be impacted. However, there could be a long-term, adverse impact over time to the operational capabilities of Hurlburt Field to meet the needs of its mission.

5.12.3.7 Infrastructure and Traffic

- **Alternative 1—**Utility systems in Sub-Basin 11 would likely have a slightly higher load due to the addition of new facilities with Alternative 1. However, most of the General Plan projects sited in Sub-Basin 11 are within highly developed areas of Hurlburt Field with relatively easy access to utilities.

  There will likely be short-term disturbances in the utility system services during construction periods, but the long-term impacts would be minor and beneficial with increased availability and reliability

  Roadway improvements and changes associated with Alternative 1 within Sub-Basin 11 are likely to be extensive for this area given the planned improvements to Cruz Avenue. There are two projects scheduled for this sub-basin that deal with Cruz Avenue. Both Projects 11-07 and 11-15 are planned to realign Cruz Avenue. This action would have short-term, minor, adverse impacts on the installation, due to traffic disruptions during the construction period. However, there would be an individual and cumulative, long-term, moderate, beneficial impact on traffic patterns and traffic circulation on Hurlburt from this work.

  Project 11-13 also requires some roadway improvements to implement this project. Other roadway projects planned for Sub-Basin 11 include construction of a parking lot or associated roadway improvements for

Projects 11-04, 11-05, 11-06, 11-08, 11-10, and 11-20.

Roadway/parking improvements associated with Alternative 1 would have a short-term, minor to moderate, adverse impact on circulation during construction. However, there would be long-term beneficial impacts with the improved roadways and increase in parking areas from an operational standpoint.

- **Alternative 2—**Utility systems as part of Alternative 2 would likely have a slightly higher load due to the addition of new facilities. However, most of the General Plan projects sited in Sub-Basin 11 area within highly developed areas of Hurlburt Field with relatively easy access to utilities. There will likely be short-term disturbances in the utility system services during construction periods, but the long-term impacts would be minor and beneficial with increased availability and reliability.

  Roadway improvements and changes associated with Alternative 2 within Sub-Basin 11 are likely to be extensive for this area given the planned improvements to Cruz Avenue. There are two projects scheduled for this area that deal with Cruz Avenue. Both Projects 11-07 and 11-15 are planned to realign Cruz Avenue. This action would have short-term, minor, adverse impacts on the installation, due to traffic disruptions during the construction period. However, there would be an individual and cumulative, long-term, moderate, beneficial impact on traffic patterns and traffic circulation on Hurlburt from this work.

  Project 11-13 also requires some roadway improvements to implement this project. Other roadway projects planned for Sub-Basin 11 include construction of a parking lot or associated roadway improvements for Projects 04-06, 08-08, 07-05, 11-01, 11-05, 11-10, 11-16, 11-17, 11-20, 11-21, and 04-07.

  Roadway/parking improvements associated with Alternative 2 would have short-term, minor to moderate, adverse impacts on traffic circulation during construction. However, there would be long-term beneficial impacts with the improved roadways and increase in parking areas from an operational standpoint.

- **No-Action Alternative—**No additional improvement or new utility lines would be constructed, nor would there be any roadway improvements or additional vehicular parking areas built. This would limit the ability of Hurlburt Field to meet expanding personnel and facility needs. The No-Action Alternative would have a long-term, minor to moderate, adverse impact on infrastructure and roadways at Hurlburt Field.

5.12.3.8 Regulated Special, Solid, and Hazardous Materials and Wastes

- **Alternative 1—**Substantial solid waste generation (along with the potential for some hazardous waste generation) would occur as part proposed Alternative 1 project work as well as planned facility demolitions in Sub-Basin 11. Some additional solid waste generation would be associated with site clearing and grubbing for some of the new facilities and roadway work included in the General Plan. Most of this waste would be vegetation cleared from the sites prior to construction.

  In addition, eight facilities associated with eight Alternative 1 projects in this sub-basin would become satellite accumulation points (SAP) for some hazardous materials after construction.

  Individually, this alternative would have a short-term, minor, adverse impact on solid waste generation during the demolition and construction of the proposed projects. Demolitions could also result in the need to remove and dispose of relatively small amounts of asbestos, materials with lead-based paint, etc. Cumulatively, Alternative 1 projects in Sub-Basin 11 would have a short-term, moderate, adverse impact on solid, and possibly special, waste generation.

- **Alternative 2—**Substantial solid waste generation (along with the potential for some hazardous waste generation) would occur as part proposed Alternative 2 project work as well as planned facility demolitions in Sub-Basin 11. Some additional solid waste

generation would be associated with site clearing and grubbing for some of the new facilities and roadway work included in the General Plan. Most of this waste would be vegetation cleared from the sites prior to construction.

In addition, eight facilities associated with Alternative 2 in this sub-basin would become satellite accumulation points for some hazardous materials after construction.

Individually, this alternative would have a short-term, minor, adverse impact on solid waste generation during the demolition and construction of the proposed projects. Demolitions could also result in the need to remove and dispose of relatively small amounts of asbestos, materials with lead-based paint, etc. Cumulatively, Alternative 2 projects in Sub-Basin 11 would have a short-term, moderate, adverse impact on solid, and possibly special, waste generation.

- **No-Action Alternative—**The No-Action Alternative would not generate substantial amounts of solid waste, as none of the projects described Alternatives 1 or 2 would be constructed. Only regular maintenance and upkeep would continue on the existing facilities in Sub-Basin 11. There would be no new additional sites designated as hazardous waste accumulation points. However, the problems and needs as outlined under the DD Forms 1391 (see Appendix C) would increase over time and could have a long-term impact on the mission of Hurlburt Field.

5.12.3.9 IRP

- **Alternative 1—**Anticipated impacts to IRP sites associated with Alternative 1 are expected to affect sites: SS-125, SS-130, SS-132, SD-212, ST-217, and LF-19 for a total of 103,224.8 SF (2.37 acres). Projects that would impact these areas are: 11-04, 11-05, 11-07, 11-08, 11-12, 11-15, 11-16, 11-17, 11-19, and 11-20. Each of these projects and their proposed impacts are listed as follows:
  - **Project 11-04: (SOF Engine Maintenance and Storage Shop)—** Impacting 5,048.3 SF of IRP Sites SS-130 and 132.
  - **Project 11-05 (Fire Crash and Rescue Station)—**Impacting 8,897.7 SF of IRP Site SS-125.
  - **Project 11-07 (Realign Cruz Avenue)—**Impacting 4,687.8 SF of IRP Site SS-125.
  - **Project 11-08 (SOF Squadron Operations, Talon II)—**Impacting 56.4 SF of IRP Site SS-125.
  - **Project 11-11 (SOF C-130 Aircraft Apron)—**Impacting 7,618.7 SF of IRP Site ST-217.
  - Project 11-12 (SOF Survival Equipment Shop) – Impacting 15,516 SF of IRP Site SS-125.
  - **Project 11-15 (Realign Cruz Avenue)—**Impacting 8,837.2 SF of IRP Site LF-19.
  - **Project 11-16 (SOF DASH-21 Maintenance Facility)—**Impacting 10,836.1 SF of IRP Site SS-125.
  - **Project 11-17 (SOF Maintenance Storage Facility)—**Impacting 5,413.3 SF of IRP Site LF-19.
  - **Project 11-19 (Squadron Operations Facility, 18 FLTS)—**Impacting 13,881.3 SF of IRP Site SD-212.
  - **Project 11-20 (Operations Group/ Operations Plans Facility)—**Impacting 22,432 SF of IRP Site SS-125.

  Generally, Alternative 1 projects would have a potential short-term and long-term minor to moderate adverse impact on the IRP program from the standpoint of interference with on-going monitoring as well as with future remediation activities. Any project potentially sited on a known IRP site would need to be coordinated through the installation IRP manager and the appropriate regulatory agencies.

- **Alternative 2—**IRP sites associated with Sub-Basin 11 that are expected to be impacted with the projects described as part of Alternative 2 include: LF-14, LF-15, LF-19, and SS-125 for a total of 149,002 SF (3.42 acres). Projects that would impact these areas are: 04-06, 07-05, 11-04, 11-07, 11-12, 11-15, 11-16, and 11-17. Each of these projects and their proposed impacts are discussed as follows:

- **Project 04-06 (Airmen Leadership School)—**Impacting 49,043 SF of IRP Site LF-14 and 5,948 SF of IRP Site LF-15.
- **Project 07-05 (SOF Weapons and Release Systems Shop)—**Impacting 26,736 SF of IRP Site SS-125.
- **Project 11-04 (SOF Engine Maintenance and Storage Shop)—** Impacting 26,508 SF of IRP Site LF-19.
- **Project 11-07 (Realign Cruz Avenue)—**Impacting 8,948 SF of IRP Site SS-125.
- **Project 11-12 (SOF Survival Equipment Shop)—**Impacting 15,516 SF of IRP Site SS-125.
- **Project 11-15 (Realign Cruz Avenue)—**Impacting 9,917 SF of IRP Site LF-19.
- **Projects 11-16 and 11-17 (SOF DASH-21 Maintenance and Storage Facility)—**Impacting 6,386 SF of IRP Site LF-19.

Generally, Alternative 1 projects would have a potential short-term and long-term minor to moderate adverse impact on the IRP program from the standpoint of interference with on-going monitoring as well as with future remediation activities. Any project potentially sited on a known IRP site would need to be coordinated through the installation IRP manager and the appropriate regulatory agencies.

- **No-Action Alternative—**The No-Action Alternative would not construct any of the proposed projects. No IRP sites would be impacted. Monitoring and clean up of identified IRP sites would continue as outlined in the Management Action Plan. However, with this alternative, the problems and needs as outlined under the DD Forms 1391 (see Appendix C) would increase over time and could have a long-term impact on the mission of Hurlburt Field.

5.12.3.10 Q/D Arc

- **Alternative 1—**Alternative 1 would result in 292,565.6 SF (6.72 acres) of Q/D Arc (*i.e.*, airfield stand-off) being encroached upon by Project 11-04 (41,814.2 SF), Project 11-05 (3,266.5 SF), and Project 11-11 (247,484.9 SF). Consequently, this alternative would result in an individual and cumulative long-term, moderate, adverse impact to the operations regarding Q/D Arcs.

- **Alternative 2—**Alternative 2 would result in 124 SF (0.003 acre) of Q/D Arc (*i.e.*, airfield stand-off) being encroached upon by Project 11-05 (45 SF) and Project 11-20 (79 SF). Consequently, this alternative would result in an individual and cumulative long-term, minor, adverse impact operations regarding Q/D Arcs.

- **No-Action Alternative—**The No-Action Alternative would have no impact on existing Q/D Arcs.

Section 6.0
Findings and Conclusions



SECTION 6.0 FINDINGS AND CONCLUSIONS

Alternative 1 was selected as the preferred alternative based on its relationship to the General Plan and its cumulative impacts on environment. The benefits derived from implementation of all of the projects as discussed in this EA (and as illustrated through various referenced planning and design documents, particularly the Hurlburt Field General Plan) will increase the efficiency and operational capacity for those working and living at Hurlburt. This increase in efficiency will maintain and enhance long-term productivity at the installation and may even improve AFSOC operational capabilities. Of the two identified feasible alternatives discussed in detail in this EA, Alternative 1 has been chosen as the recommended alternative based on relationship with the General Plan, design parameters, environmental concerns, and ability to meet purpose and need for the project.

Alternative 1 was developed in conjunction with the development of the General Plan and, therefore, was approved by Hurlburt and Air Force leaders with the approval of the General Plan. Alternative 2 was developed as an option as part of the General Plan process, but not incorporated into the final General Plan and not included in the General Plan approval. From an operational stand-point, the No-Action Alternative would not meet the purpose and need of this EA, nor for Hurlburt Field's future growth and development needs and therefore, it was not selected as the preferred alternative.

Alternative 1 calls for complete implementation of the 2002 Hurlburt Field General Plan, as amended. This would be of long-term benefit to the Hurlburt Field mission and to the HQ AFSOC and would not result in any significant adverse impacts to the natural, cultural, or socioeconomic environments. Therefore, an EIS is not required and will not be prepared in order to implement the projects covered in this EA. This EA may also be used as a tiering document for other Hurlburt Field projects not specifically covered in this document and requiring separate NEPA documentation (40 CFR 1508.28).

6.1 UNAVOIDABLE, DIRECT, ADVERSE EFFECTS FROM THE PROPOSED ACTION

Alternative 1, as the preferred alternative, advocates complete implementation of the Hurlburt Field General Plan (Woolpert, Inc., 2002), as amended. This would result in the following unavoidable, direct, adverse effects:

- Temporary potential increases in soil erosion associated with demolition and construction activities.
- A moderate increase in overall impervious surface area on the installation.
- Loss of some mature trees and other landscape vegetation.
- Temporary traffic delays and detours during construction activities.
- Solid waste generation from construction debris and from demolition activities.

6.2 CUMULATIVE IMPACT SUMMARY

This EA sought to examine the cumulative impacts of both Alternatives 1 and 2 and to compare those results. The cumulative impacts from each alternative and takes into consideration other past, present, and reasonably foreseeable future actions on Hurlburt but not included in the General Plan list of projects. Resource areas that were examined include groundwater, storm water, wetlands, utility infrastructure, traffic, and solid waste, among others.

Tables 30 and 31 show the cumulative impacts of all the projects listed in this report for both Alternatives 1 and 2 by resource area.

In almost every resource area examined, Alternative 1 would have a lesser impact than would Alternative 2. The exceptions to this are with wetlands (both permitted and un-permitted), mature tree removals, and IRP sites where Alternative 2 would have a lesser impact than Alternative 1.

When looking at the two action alternatives, Alternative 1 would also meet Hurlburt Field's operational needs, in addition to having a lesser impact on the environmental resources of the installation.

Table 30
Cumulative Impacts for Alternative 1

Impact Area	Result
Floodplains	336,354.6 SF (7.72 Acres)
Un-permitted Wetlands	32,590.6 SF (0.78 Acres)
Permitted Wetlands	136,397 SF (3.13 Acres)
RTE Habitat	None
Cultural Resources	None
Q/D Arcs	306,551.3 SF (7.03 Acres)
Within the AICUZ	37 Projects Within the 65 db Contour
Trees Removed	218 Trees
Within a Storm-Surge Area (Categories 1 to 5)	6 Projects 848,533 SF (19.48 acres)
IRP/AOC Areas	273,946 SF (6.29 acres)
Hazardous Materials	Future Satellite Accumulation Point for Projects 07-05, 07-07, 07-08, and 07-09
Air Emission Permits	1 Project Will Need a Modification to the Air Emissions Permit (11-13)
New Impervious Surface	3,797,303 SF (87.17 Acres)
Demolitions	258 Facilities 1,195,656 SF (27.44 Acres)

Table 31
Cumulative Impacts for Alternative 2

Impact Area	Result
Floodplains	798,567.5 SF (18.33 Acres)
Un-permitted Wetlands	1,198,626 SF (27.52 Acres)
Permitted Wetlands	None
RTE Habitat	71,350 SF (1.64 Acres)
Cultural Resources	4,021 SF (0.09 Acres)
Q/D Arcs	528,471 SF (12.13 Acres)
Within the AICUZ	40 Projects Within the 65 db Contour
Trees Removed	67 Trees
Within a Storm-Surge Area (Category 1-5)	7 Projects 803,051 SF (18.44 Acres)
IRP/AOC areas	194,331 SF (4.46 Acres)
Hazardous Materials	Future Satellite Accumulation Point for Projects 07-07, 07-08, and 07-09
Air Emission Permits	1 Project Will Need a Modification to the Air Emissions Permit (11-13)
New Impervious Surface	4,163,105 SF (95.57 Acres)
Demolitions	181 Facilities 952,932 SF (21.87 Acres)

6.3 MITIGATION MEASURES SUMMARY

Measures that will be taken to minimize short and long-term impacts from the Proposed Action include, but are not limited to:

- Use of Best Management Practices regarding appropriate storm water management and erosion and sediment control plans. This could include construction of additional detention/retention basins, modifying existing storm water control structures, installation of additional catch basins, temporary use of silt fencing, and use of vegetated swales to slow and absorb surface sheet flow.
- Use of authorized salvage personnel and/or incorporation of specific deconstruction techniques to minimize solid waste generations during building renovation, construction, or demolition.
- Sale of downed trees and other woody vegetation for firewood and mulch to reduce the amount of woody vegetation in the solid waste stream.

- Revegetation of bare ground would occur with native plants immediately following the construction phase.
- Use of native replacement trees and other plantings in all landscaping activities as defined by Hurlburt Field's Landscape Management Plan and tree replacement policy.
- Current building codes would be incorporated into new structure development in order to maximize energy efficiency.
- Coastal Zone Consistency Certification in order to meet the requirements for construction within the critical area of the coastal zone.
- Choosing energy efficient equipment and utilities when designing facilities in order to decrease energy demand and minimize greenhouse gas emissions.

6.4 RELATIONSHIP OF SHORT-TERM USES AND LONG-TERM PRODUCTIVITY RESULTING FROM THE PROPOSED ACTION

Long-term productivity would be greatly enhanced in terms of accomplishing the special operations mission of Hurlburt Field. The new, relocated, or renovated facilities would improve the quality of life for those working and living on Hurlburt and would provide a highly improved operational platform from which special operations training and deployments could take place. The primary tradeoff associated with the Proposed Action is that there would be short-term disruptions in overall daily operations on some portions of Hurlburt during the construction phase. These disruptions could cause some temporary delay and/or downturn in productivity, but would lead to long-turn improvements in morale, productivity, and readiness.

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Section 7.0
List of Preparers



SECTION 7.0 LIST OF PREPARERS

7.1 HURLBURT FIELD

- Carl T. Hoffman, R.A.—Chief, Base Development Section
- Lt. Christopher Wedewer—Base Development Section
- Philip Pruitt—Base Environmental Scientist

7.2 WOOLPERT, INC.

- Jerry Lang, Ph.D.—Senior Environmental Scientist
- Martha Alarie-Harris—Environmental Planner
- Chad Adkins—Planner
- Dave Dister—Environmental Scientist
- Stuart Jennings—Environmental Scientist

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Section 8.0
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SECTION 8.0 REFERENCES

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Appendices

Appendix A
Coordination Documents



APPENDIX A COORDINATION DOCUMENTS

To be provided in the next submittal.

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Appendix B
Project List

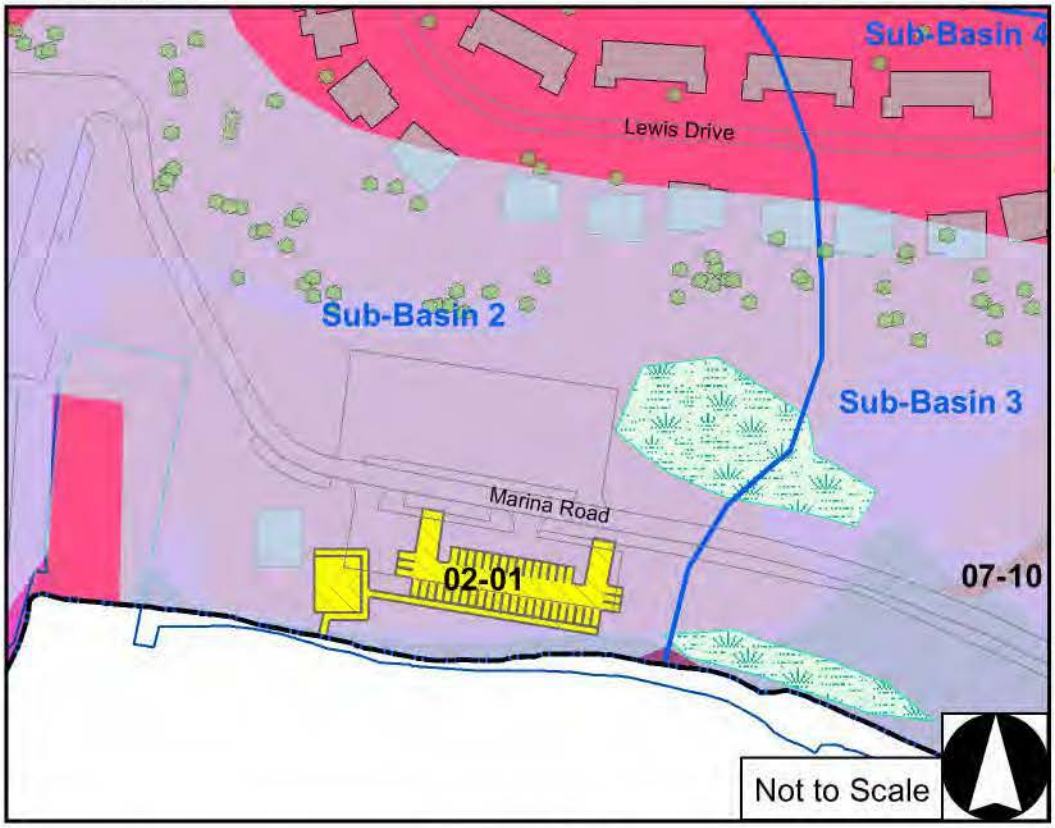


APPENDIX B
PROJECT LIST

List of Projects Considered	
FTEV #	**Description**
Sub-Basin 1	
N/A	
Sub-Basin 2	
02-1001	Construct Outdoor Recreation Center, 16 SVS
Sub-Basin 3	
N/A	
Sub-Basins 4 and 5	
04-1072	Add to Fitness Center, Building 90517
95-3013	Temporary Lodging Facility
04-3016	Supply Warehouse
99-3036	Child Development Center
03-3021	16th Contracting Squadron Facility
97-3019	Airmen Leadership School
02-3015	SOF JSOU Library/Education Center Com/Language Lab PH 3
03-3020	Soundside Visiting Quarters (120 pn)
Sub-Basin 6	
01-5007	Consolidated Club
02-3011	Mission Planning Center
Sub-Basin 7	
04-3020	ADAL Command Post
96-2010	Realign O'Neil Avenue/ Install Traffic Signal
03-3022	AT/FP Main Gate and Soundside Access Control Facilities
04-5003	Family Camping Facility
04-3006	SOF Weapons & Release Systems Shop
03-3017	STG Headquarters Facility
04-3000	Refueling Vehicle Maintenance Facility
03-3004	Vehicle Operations Administration Facility
96-3008	ADAL Maintenance Operations Squadron Facility
99-3011	Base Roadway Improvements
99-3033	Squadron Operations Facility, 6SOS

List of Projects Considered	
FTEV #	**Description**
Sub-Basin 8	
00-3009	Vehicle Maintenance Facility
02-3005	RED HORSE Mobility and Training Facility (823 RHS)
00-5004	Shoppette Facility
99-3013	Construct Dormitory (144 pn) Eastside
00-3023	Eastside Fitness Center
03-3013	Widen Independence Road
03-3018	AFLD Waiver, Alter Independence Road
04-3011	SOF UAV Squadron Operations Facility
04-3012	SOF UAV Maintenance Hangar/Parking Apron
Sub-Basin 9	
N/A	
Sub-Basin 10	
N/A	
Sub-Basin 11	
04-5002	Construct Workbays at Auto Hobby Shop, Building 90612
03-1049	Fill/Clear Wetlands, Helicopter Landing Pad
94-3001	ADAL Security Forces Operations (Current Mission)
97-3006	SOF Engine Maintenance and Storage Shop
97-3018	Fire Crash/Rescue Station
01-3021	25th Intelligence Squadron Operations Facility
03-3014	Realign Cruz Avenue
04-3005	SOF Squadron Opst Talon II
02-3010	Add to Visiting Quarters
02-3013	ADAL USAFSOS Facility
04-3004	SOF C-130 Aircraft Apron
04-3007	SOF Survival Equipment Shop
97-3016	Hydrant Fueling System
03-3006	Visiting Officers Quarters
03-3015	Realign Cruz Avenue, Phase 2
04-3008	SOF Dash-21 Maintenance Facility
04-3009	SOF Maintenance Storage Facility
04-3010	SOF C-130 Maintenance Hangar
96-3012	SOF Squadron Operations Facility, 18 Flts
97-3009	Operations Group/Operations Support Facility
02-3014	SOF JSOU Headquarters Facility Phase II
04-3014	SOF CV-22 Aircraft Parking Apron

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Impacts by Project		
1391 Information	**Description**	
EA Project Number	02-01	
Project Title	Construct Outdoor Recreation Center, 16SVS	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV021001	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,111.0	
Square Footage of Parking Lot or Roadway Improvement	17,904.9	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	21,015.9
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	2
Storm Surge Category	sq.ft. by category	Category 1, 2, 3 and higher- (55), (576.5), (21,015.9) sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Marina Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

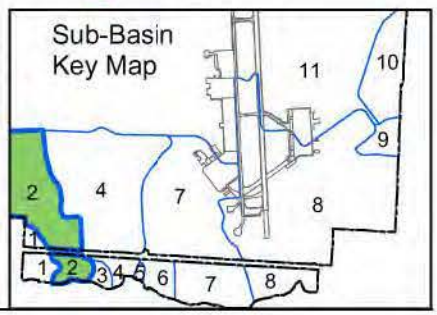
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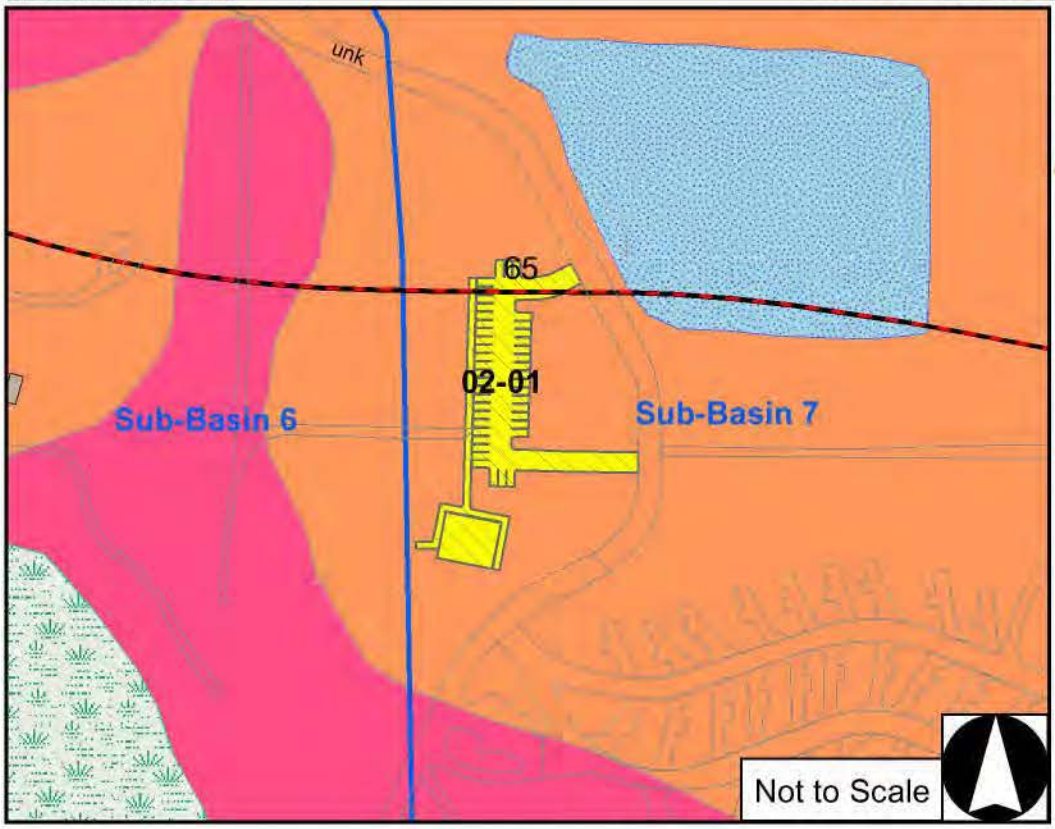
EA Project

- 02-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	02-01	
Project Title	Construct Outdoor Recreation Center, 16SVS	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV021001	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,111.0	
Square Footage of Parking Lot or Roadway Improvement	20,917.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 4 and 5- 24,028 sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Unknown

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

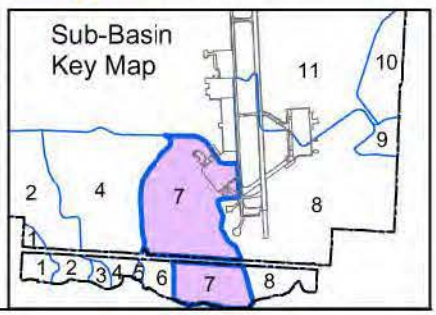
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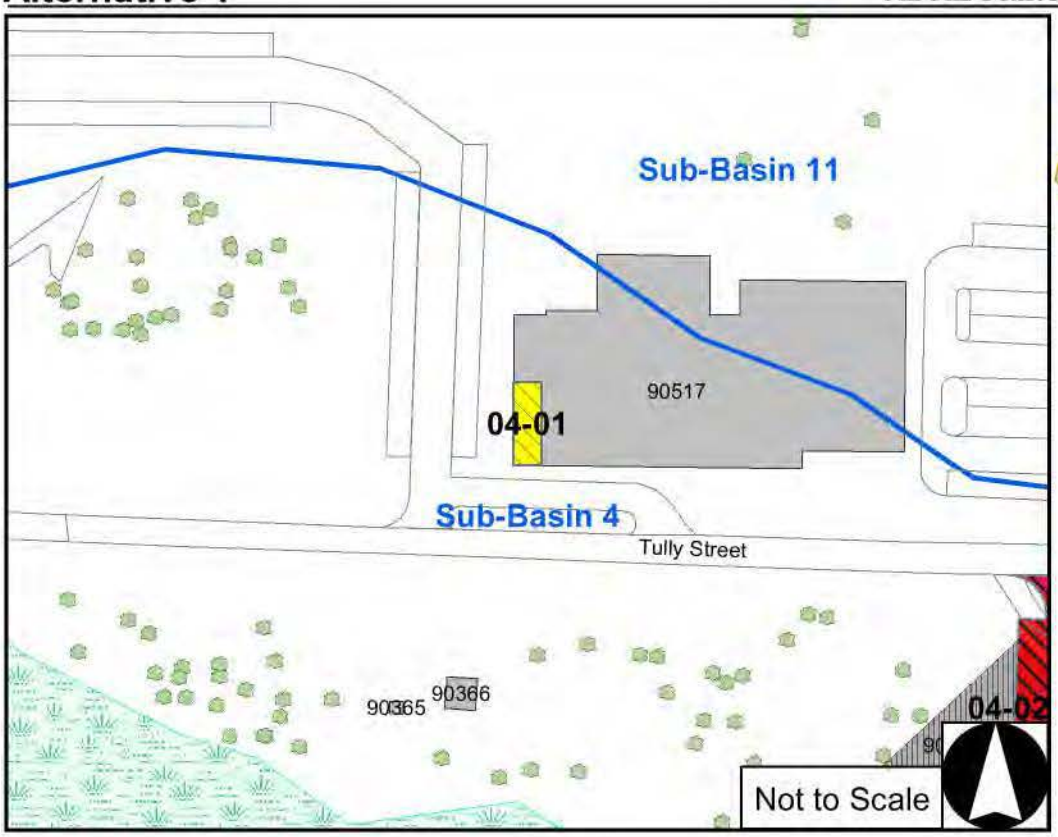
EA Projects- Alternative Sittings

- 02-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-01	
Project Title	ADAL Fitness Center, Building 90517	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV041072	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	1,003.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

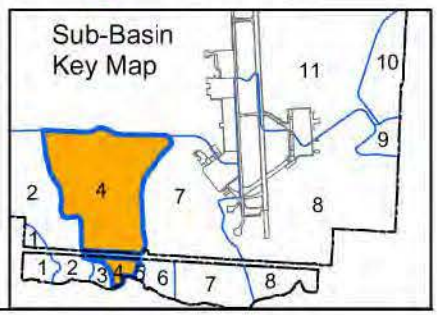
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

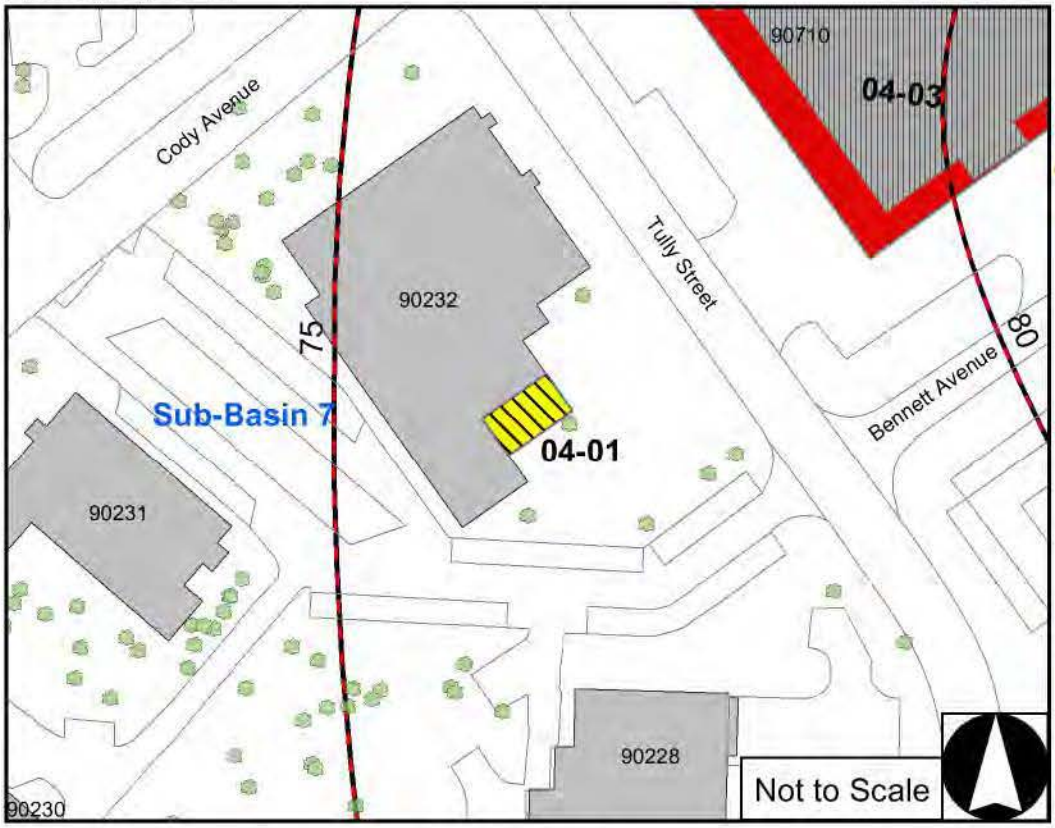
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project
- 04-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-01	
Project Title	ADAL Fitness Center, Building 90517	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV041072	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	1,522.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

AIR FORCE SPECIAL OPERATIONS COMMAND

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

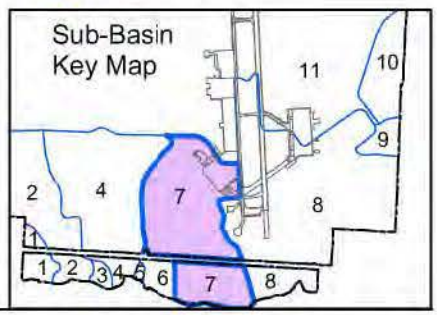
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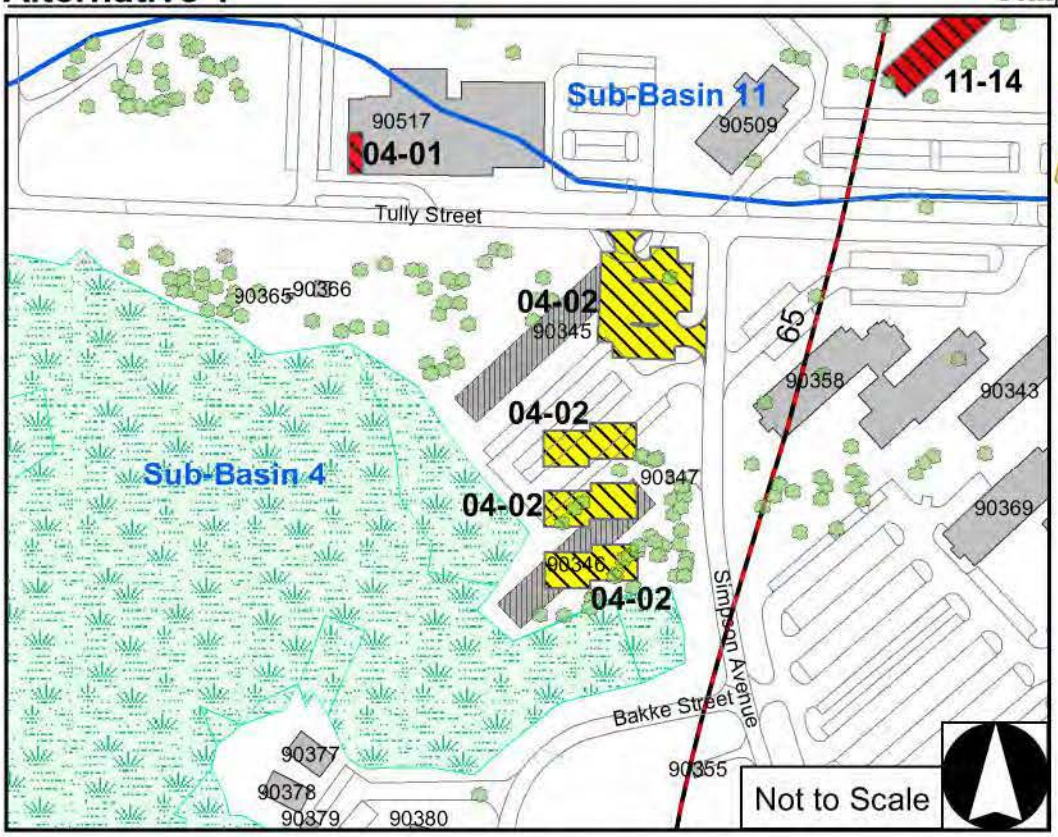
EA Projects- Alternative Sitings

- 04-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-02	
Project Title	Temporary Lodging Facility	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV953013	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions/ Buildings 90345 & 90346	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	45,663.3	
Square Footage of Parking Lot or Roadway Improvement	34,981.2	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	15
Surface Water Sub-Basin	Sub-basin number	4
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Weaver Avenue, 1- Tully Street, 1- Simpson Avenue

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

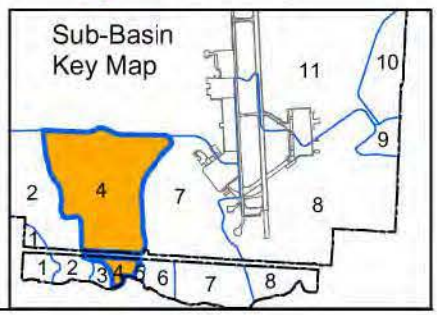
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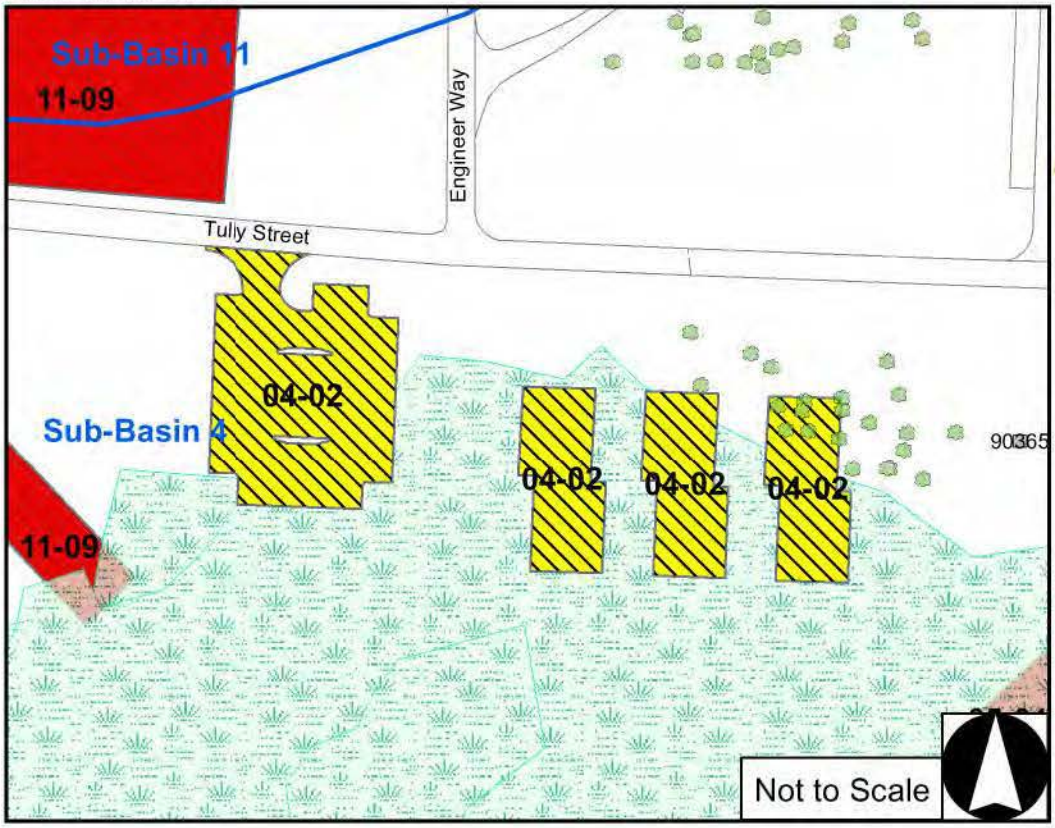
EA Project

- 04-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
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- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

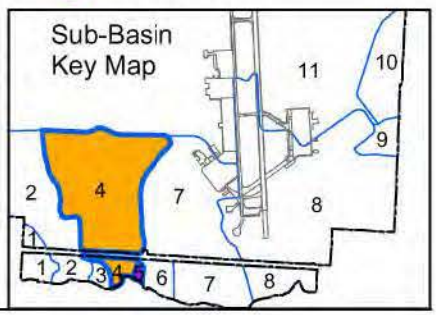
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EA Projects- Alternative Sitings

- 04-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
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- Q/D Arcs
- Wetlands
- Sub-Basins

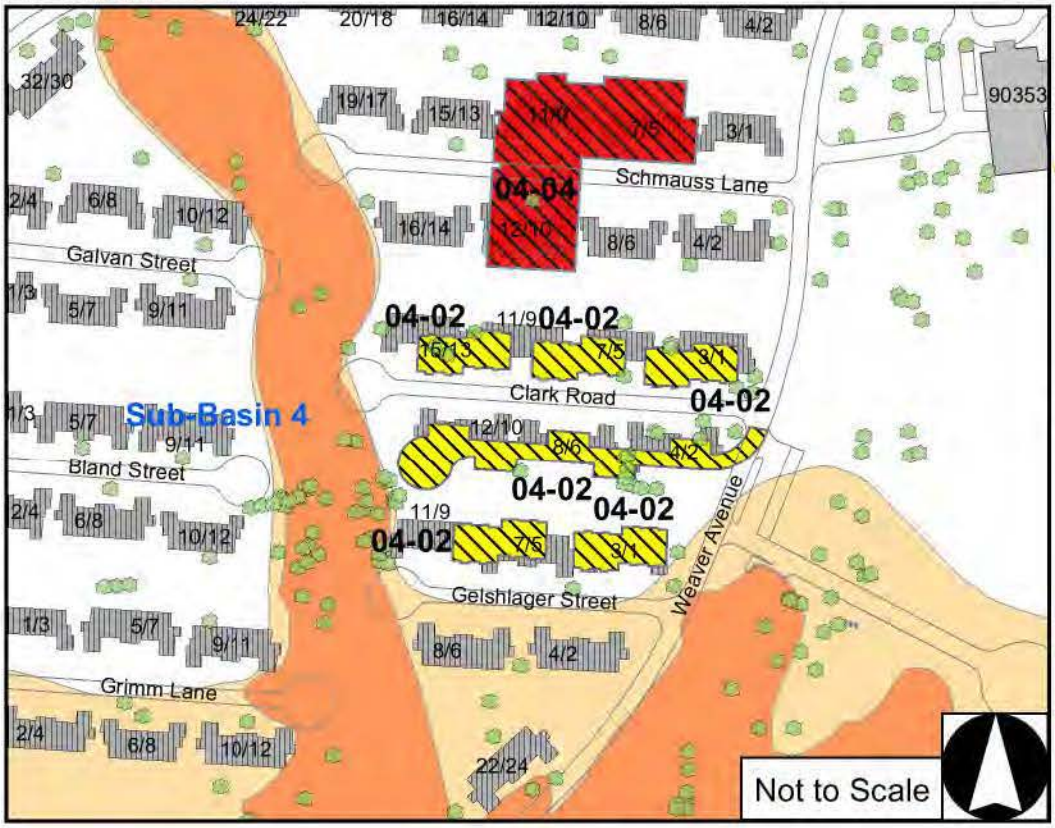
Storm Surge Category

- Category 1
- Category 2
- Category 3
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- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-02	
Project Title	Temporary Lodging Facility	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV953013	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions/ Buildings 90345 & 90346	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	16,881.0	
Square Footage of Parking Lot or Roadway Improvement	16,718.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	17,673.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	9
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Tully Street



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-02	
Project Title	Temporary Lodging Facility	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV953013	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions/ Buildings 90345 & 90346	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	45,663.3	
Square Footage of Parking Lot or Roadway Improvement	34,981.2	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	15
Surface Water Sub-Basin	Sub-basin number	4
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Weaver Avenue, 1- Tully Street, 1- Simpson Avenue

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

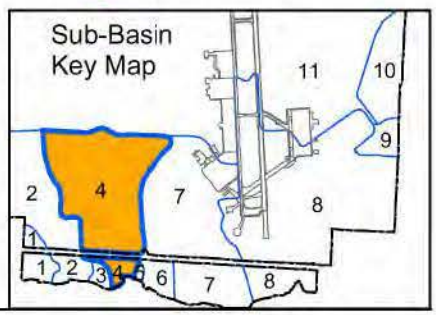
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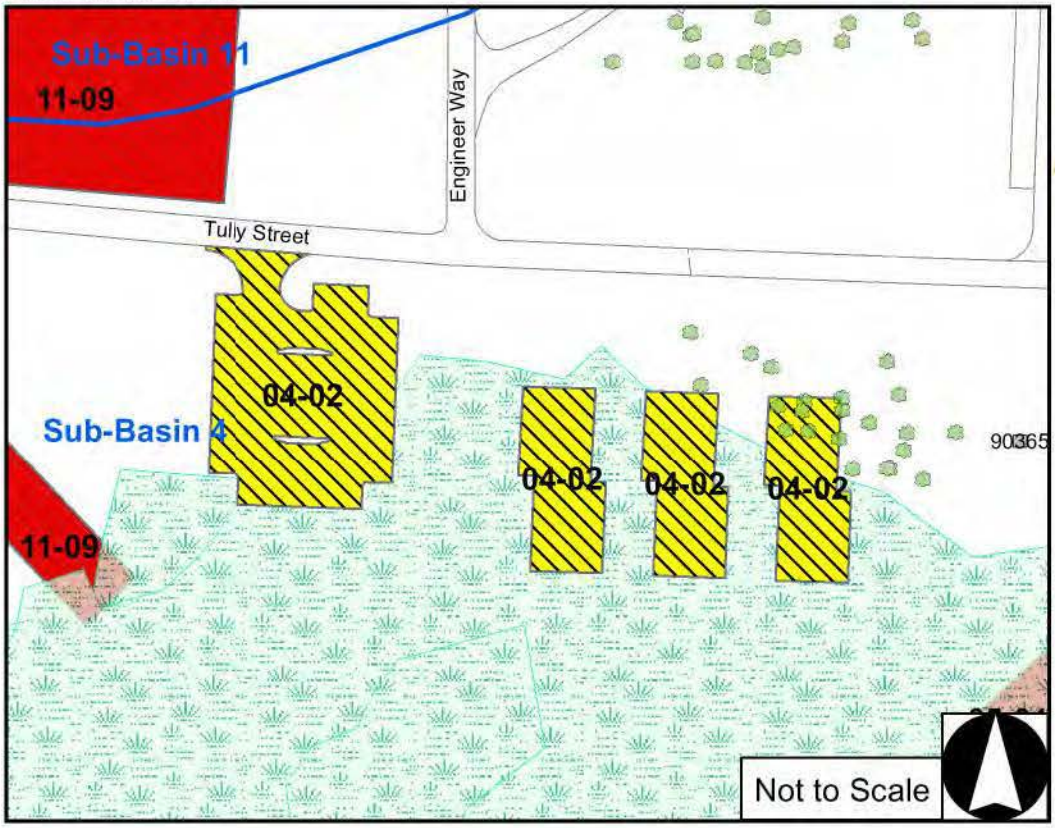
EA Project

- 04-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

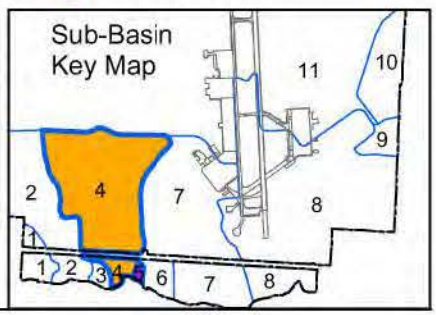
Legend

EA Projects- Alternative Sitings

- 04-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
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Storm Surge Category

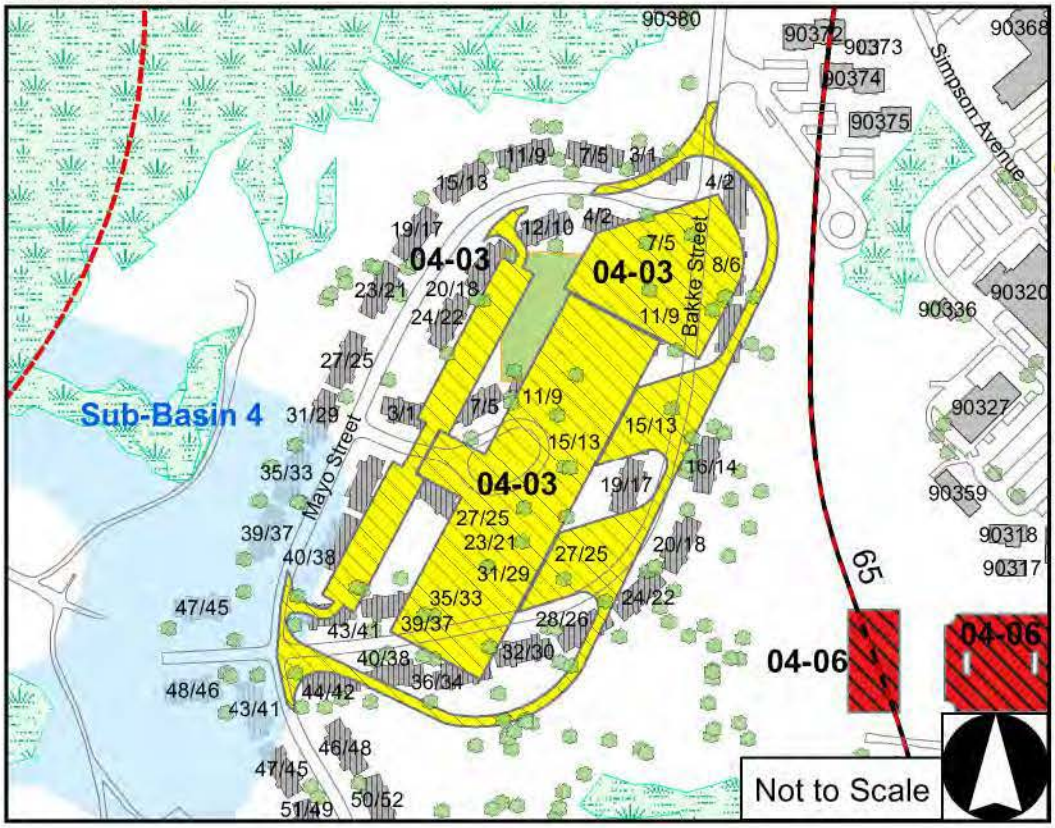
- Category 1
- Category 2
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- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-02	
Project Title	Temporary Lodging Facility	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV953013	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions/ Buildings 90345 & 90346	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	16,881.0	
Square Footage of Parking Lot or Roadway Improvement	16,718.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	17,673.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	9
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Tully Street

Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-03	
Project Title	Supply Warehouse	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV043016	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	227,606.4	
Square Footage of Parking Lot or Roadway Improvement	152,389.2	

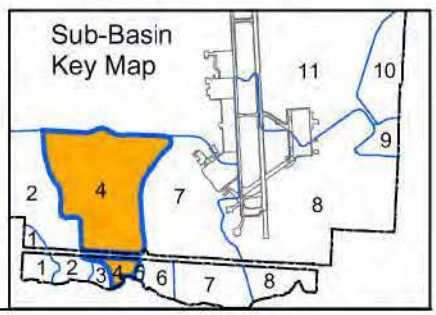
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	8,297.1
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	42,820.4 sf SD-208
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	26
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Bakke Street/ 1-Mayo Street

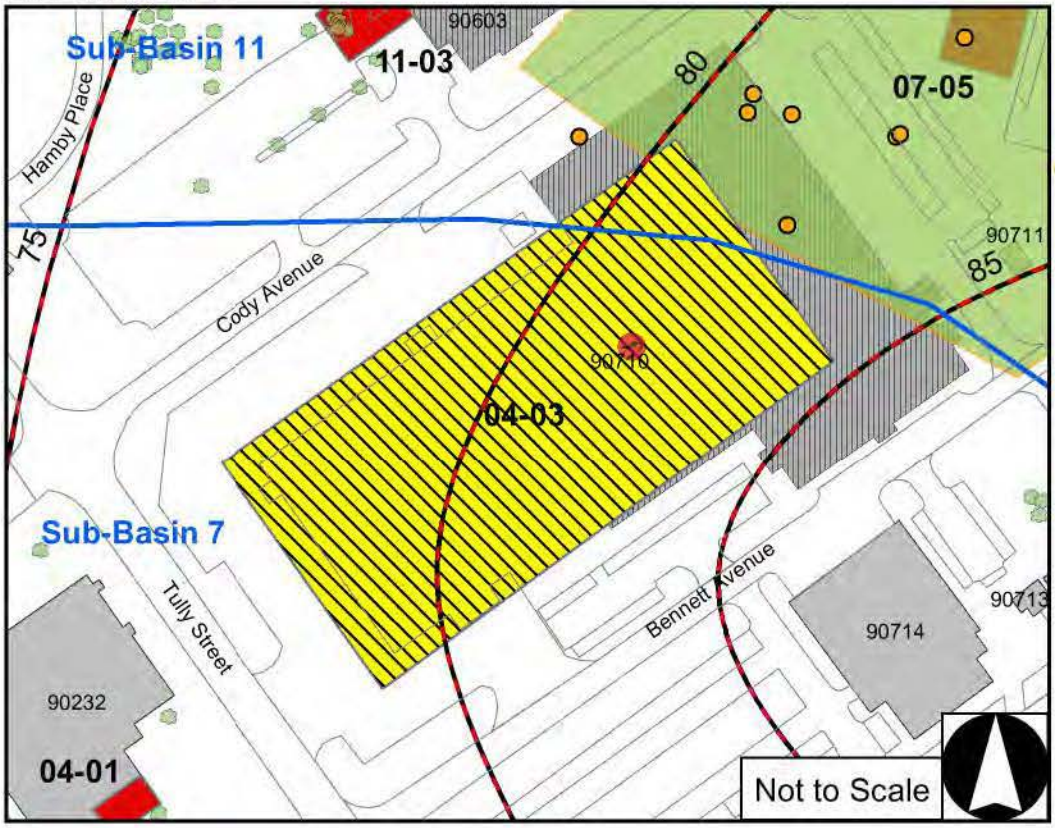
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project
- 04-03
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
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- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

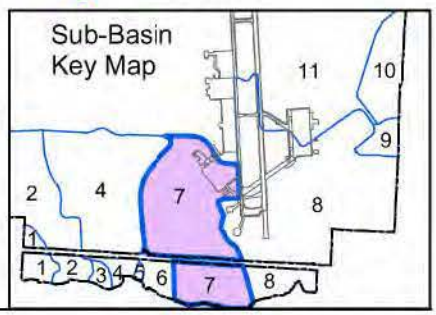
Legend

EA Projects- Alternative Sitings

- 04-03
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

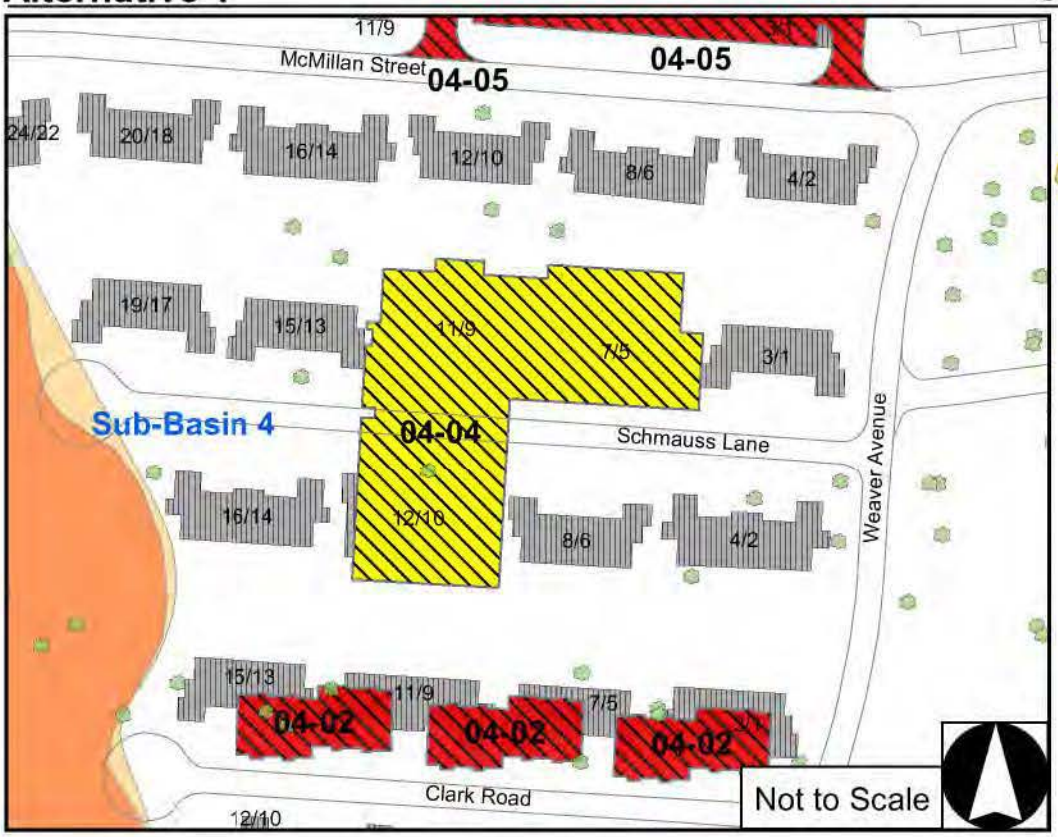
Storm Surge Category

- Category 1
- Category 2
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Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-03	
Project Title	Supply Warehouse	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV043016	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	115,947.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	31,400.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	1,233 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-04	
Project Title	Child Development Center	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV993036	
Project Type	New	
Demolition Linkage	M ilitary Family Housing Demolitions	
Availability of On-site Utilities	Y	
Working Population	400 children	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	42,604.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

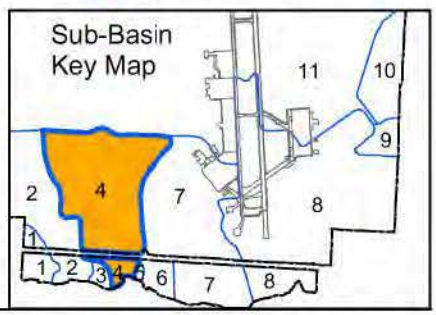
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Schmauss Lane

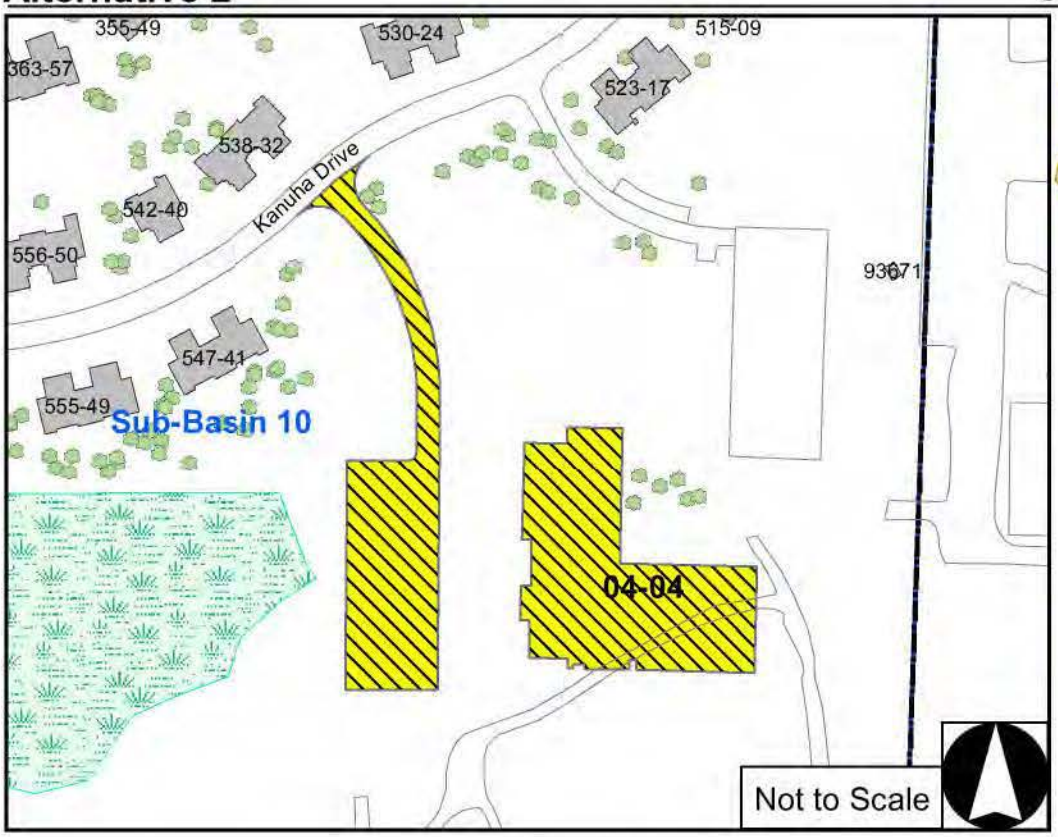
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project
- 04-04
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
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- 100-year Floodplain
- IRP
- Q/D Arcs
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Storm Surge Category
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Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

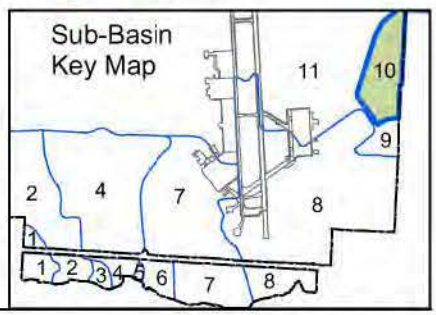
- 04-04
- Other Alternative Sitings
- Installation Boundary
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- Sub-Basins

Storm Surge Category

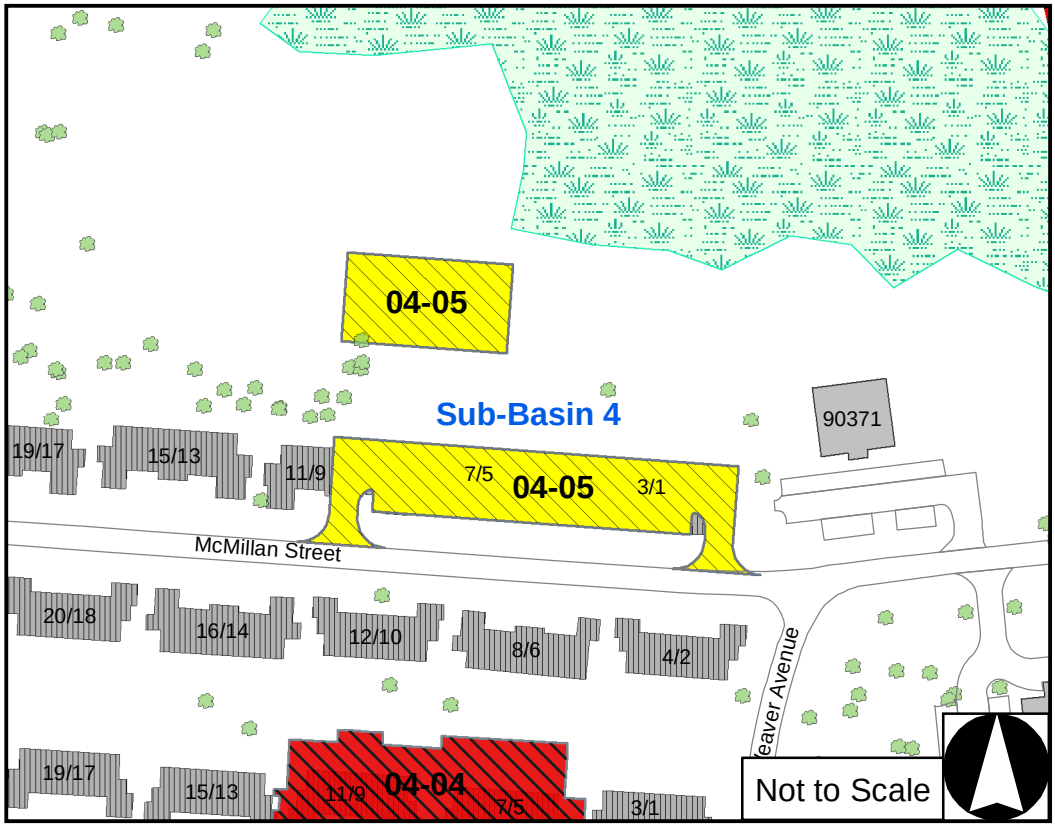
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-04	
Project Title	Child Development Center	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV993036	
Project Type	New	
Demolition Linkage	M ilitary Family Housing Demolitions	
Availability of On-site Utilities	Y	
Working Population	400 children	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	42,604.0	
Square Footage of Parking Lot or Roadway Improvement	33,888.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	10
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Kanuha Drive



Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-05	
Project Title	16th Contracting Saquadron Facility	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV033022	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,500.1	
Square Footage of Parking Lot or Roadway Improvement	22,144.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- McMillan Street

AIR FORCE SPECIAL OPERATIONS COMMAND

"ANY TIME, ANY PLACE"

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

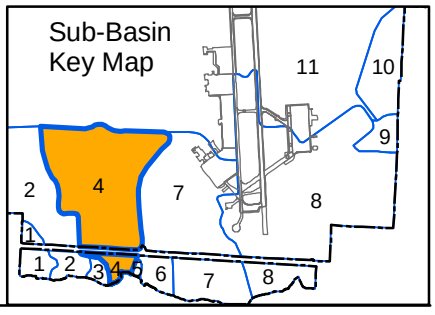
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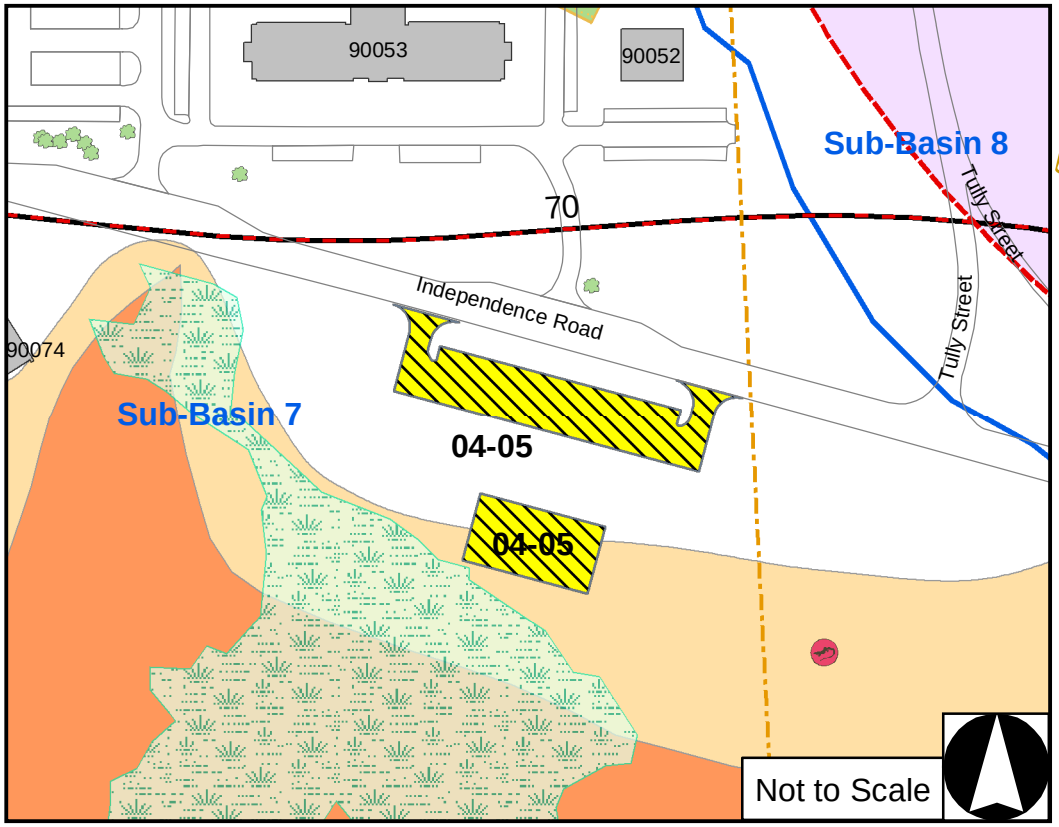
EA Project

- 04-05
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

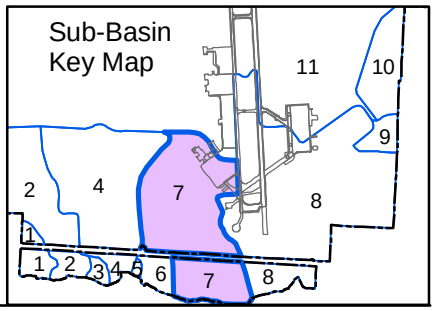
- 04-05
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

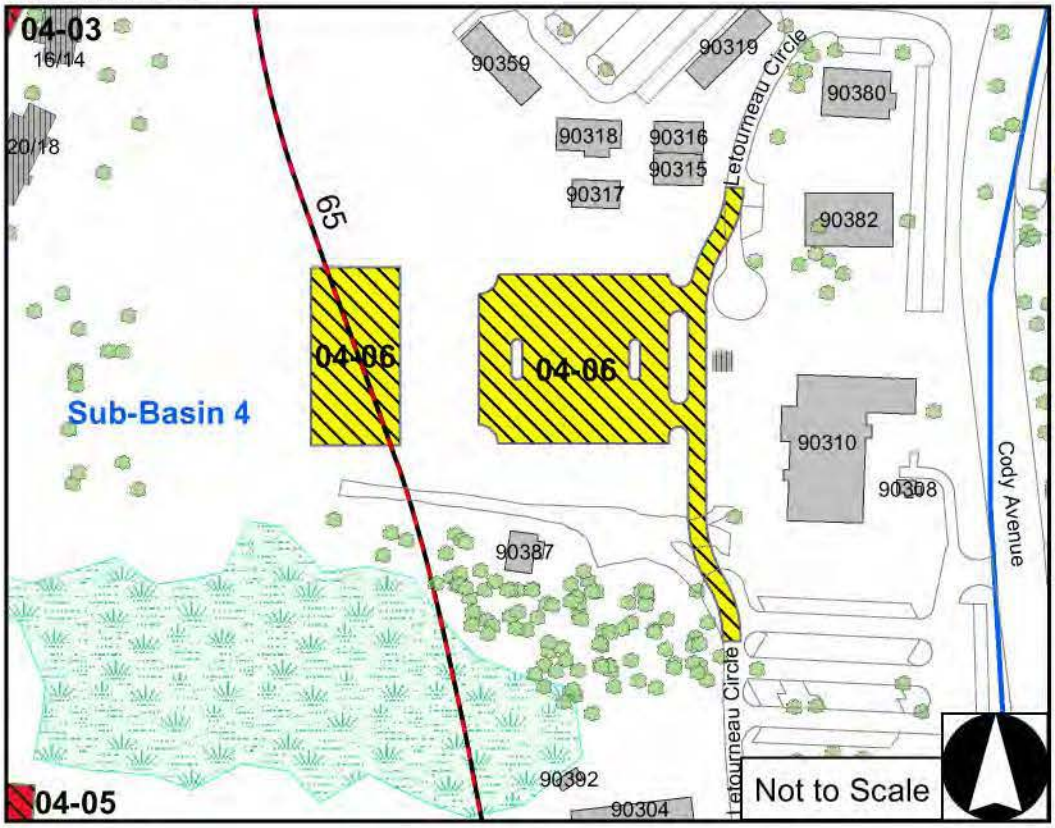
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-05	
Project Title	16th Contracting Saquadron Facility	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV033021	
Project Type	New	
Demolition Linkage	Military Family Housing Demolitions	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,500.1	
Square Footage of Parking Lot or Roadway Improvement	22,144.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 5- 6,051 sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Independence Road





Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-06	
Project Title	Airmen Leadership School	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV973019	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	20,000.0	
Square Footage of Parking Lot or Roadway Improvement	50,614.7	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	4
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Letourneau Circle

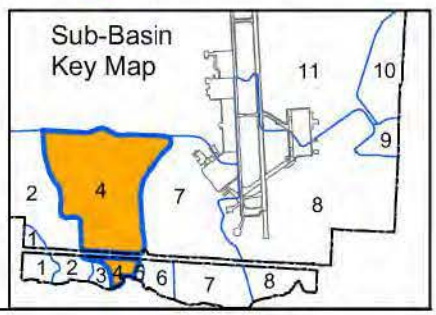
AIR FORCE SPECIAL OPERATIONS COMMAND

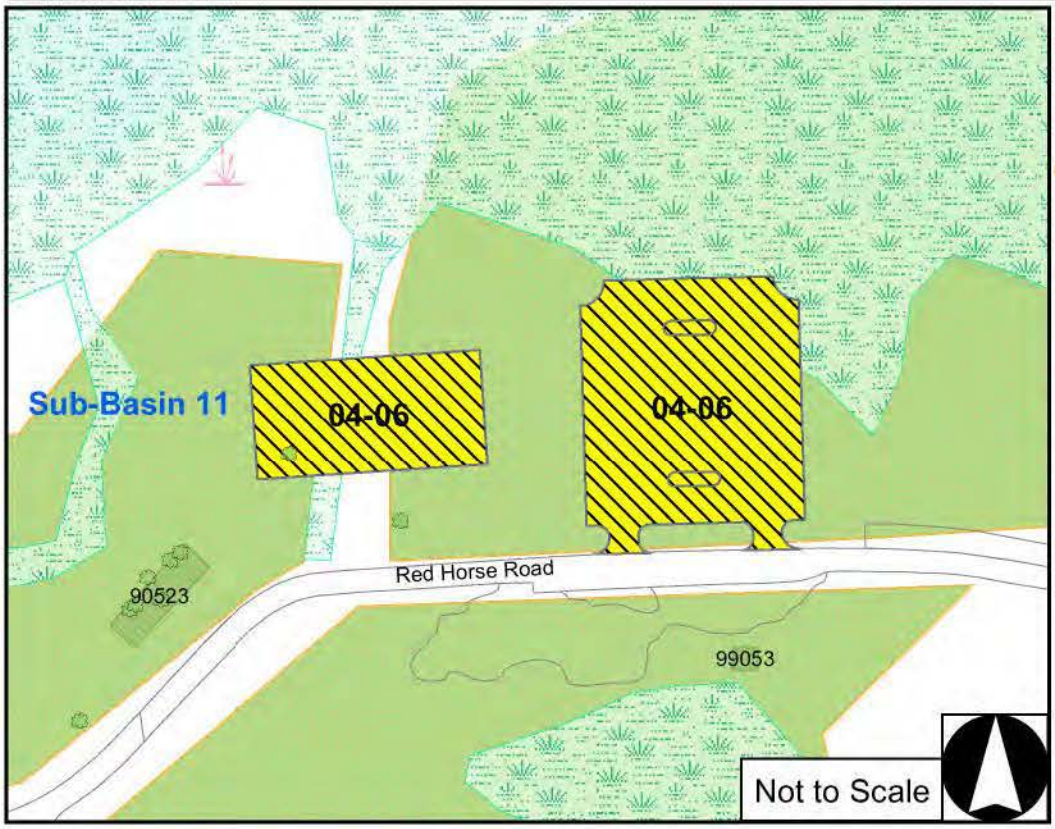
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project
- 04-06
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

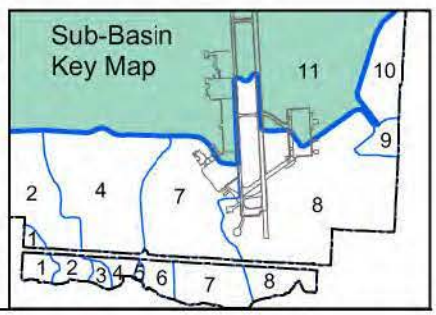
- 04-06
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

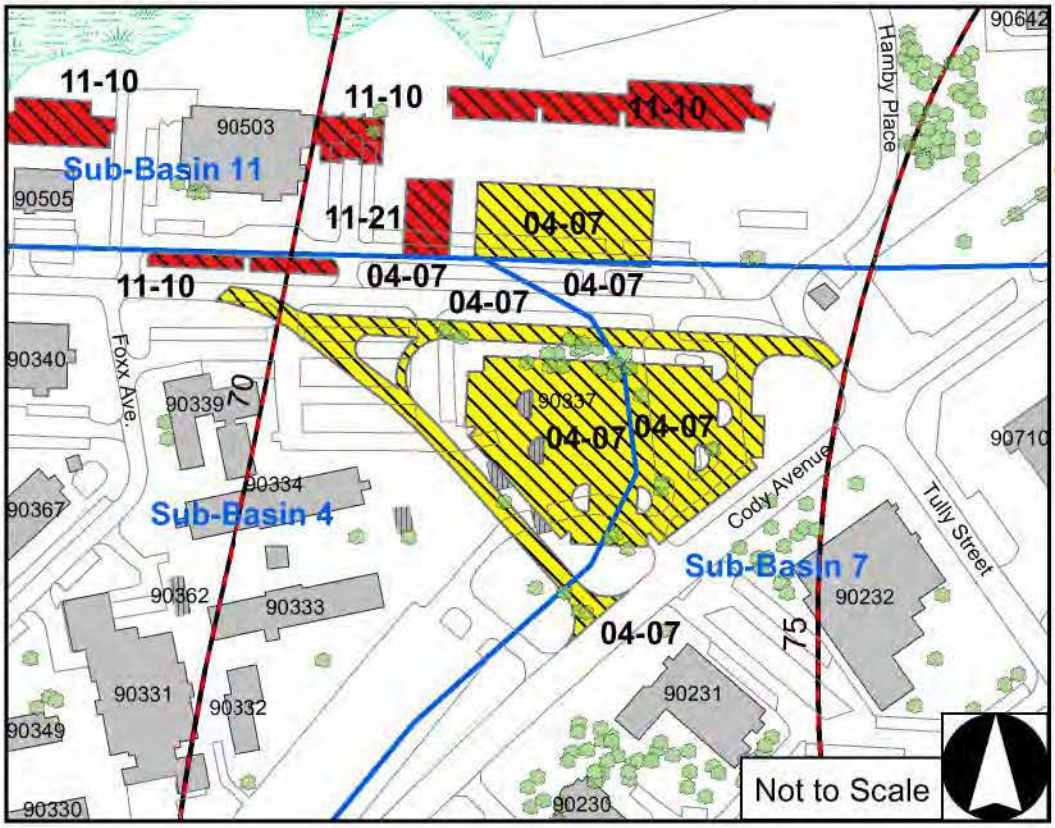
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-06	
Project Title	Airmen Leadership School	
Fiscal Year	FY11	
Funding Source	BA01	
Project Number	FTEV973019	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	21,055.0	
Square Footage of Parking Lot or Roadway Improvement	41,288.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	8,533.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	49,043 sq. ft.- LF-14/ 5,948 sq. ft.- LF-15
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Red Horse Road





Impacts by Project		
1391 Information	**Description**	
EA Project Number	04-07	
Project Title	SOF JSOU Library/Education Center Complex/Language Lab PH 3	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV02-3015	
Project Type	New	
Demolition Linkage	Building 90337	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	22,998.7 (SB11)	
Square Footage of Parking Lot or Roadway Improvement	63,623 (SB 4), 42527.9 (SB 7)	

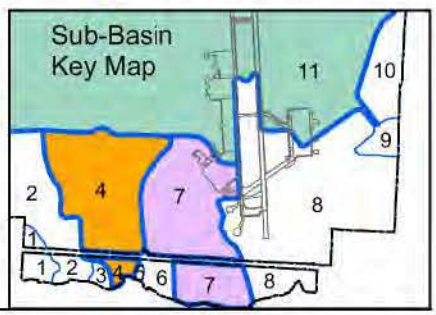
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	11
Surface Water Sub-Basin	Sub-basin number	4, 7 & 11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial/ Industrial/ Outdoor Recreation/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Cody Avenue/ 2-Tully Street

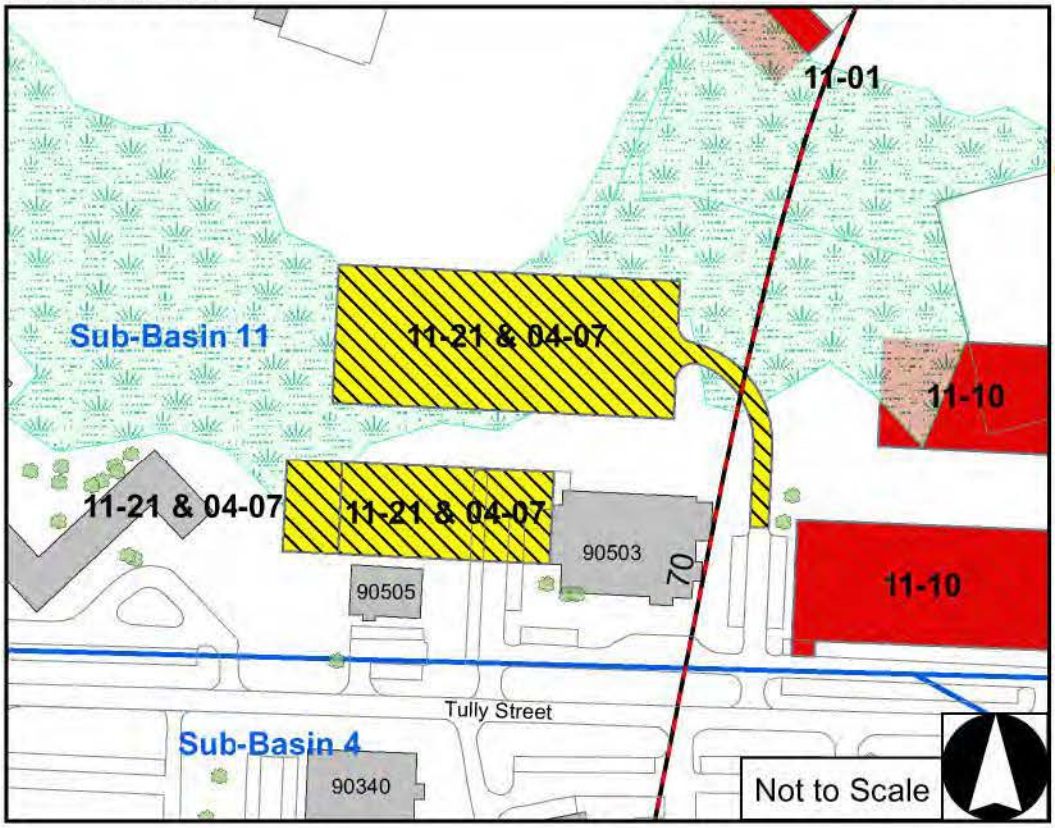
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project
- 04-07
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

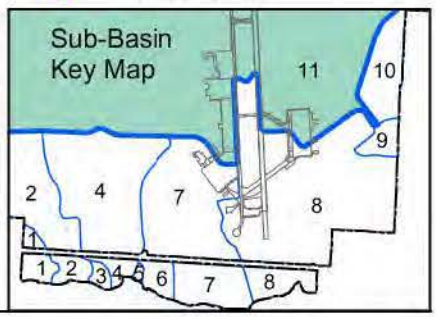
Legend

EA Projects- Alternative Sitings

- 11-21 & 04-07
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

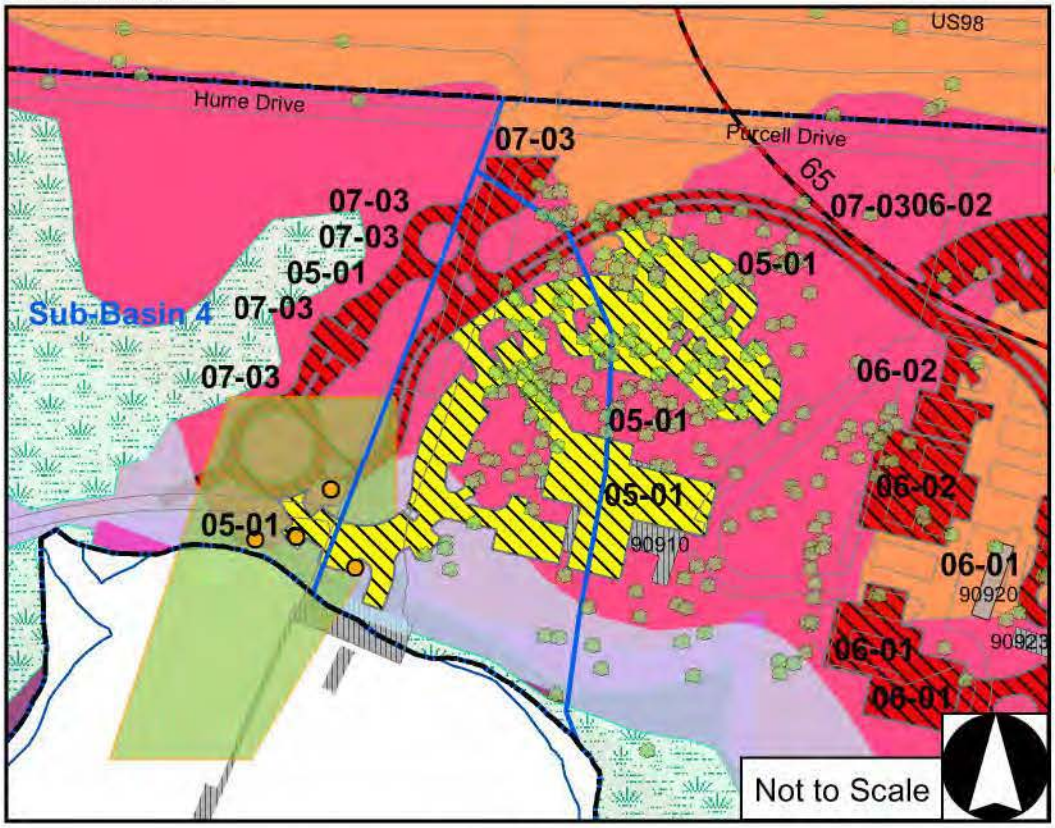
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-21 & 04-07	
Project Title	SOF JSOU Headquarters Facility, Phase 2 & 3	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV023014	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	29,000.0	
Square Footage of Parking Lot or Roadway Improvement	60,769.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	43,066.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street



Impacts by Project		
1391 Information	**Description**	
EA Project Number	05-01	
Project Title	Soundside Visitng Quarters (120 rooms)	
Fiscal Year	FY06	
Funding Source	NAF	
Project Number	FTEV033020	
Project Type	New	
Demolition Linkage	Buildings 90909 & 90910	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	13,227.7 (SB4&5)/ 14,714.6 (SB6)	
Square Footage of Parking Lot or Roadway Improvement	43,067.5 (SB4&5)/ 34,286.5 (SB6)	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	16,443.8
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	7020.8 sq. ft. SS-214
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	53
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	Category 1, 2, 3, 4 and higher- (1,147.2), (2,850.1), (102,046.0), (105,296.3) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Industrial/ Open Space/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	3-New Road Project # 03-3022

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

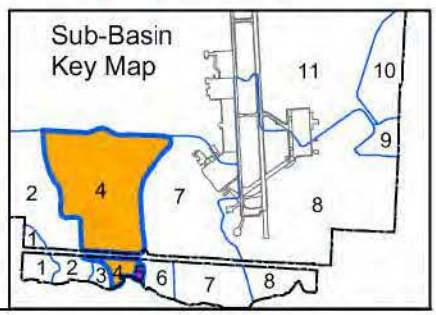
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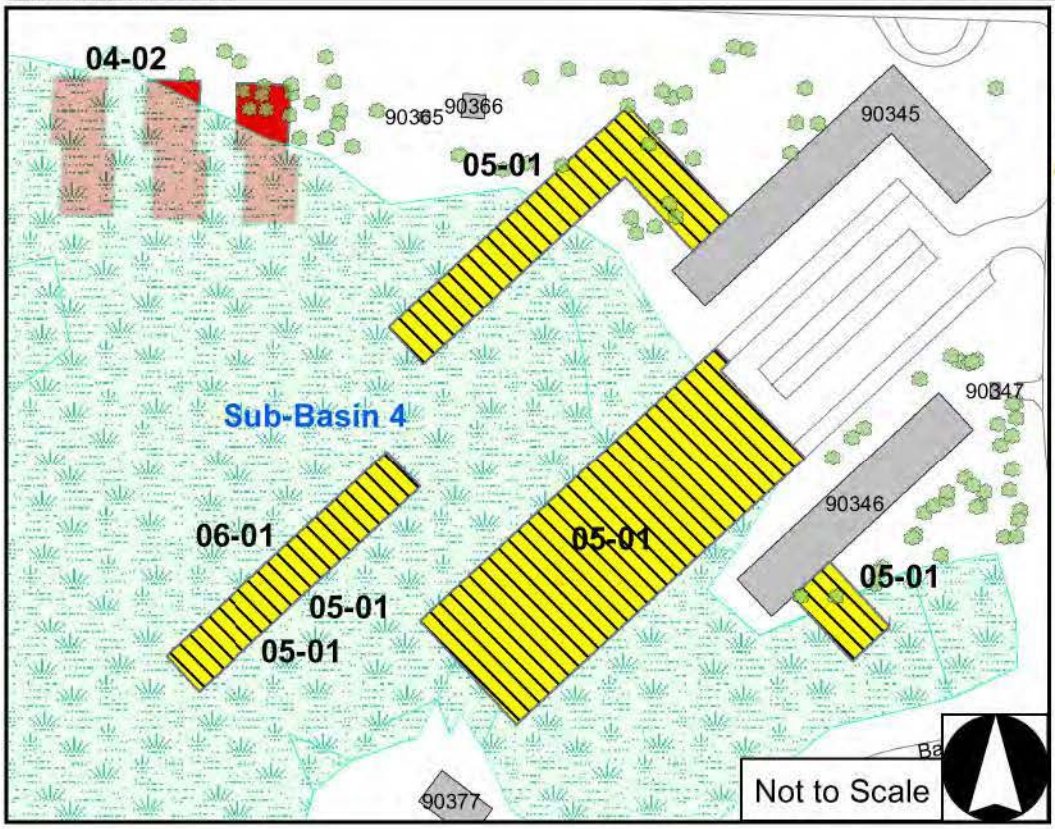
EA Project

- 05-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
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- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

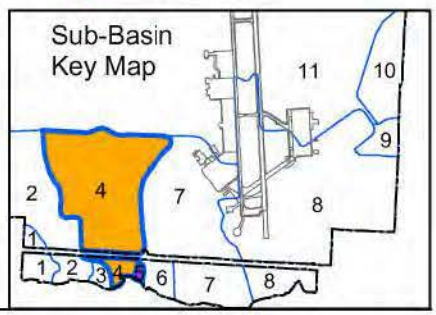
Legend

EA Project

- 05-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

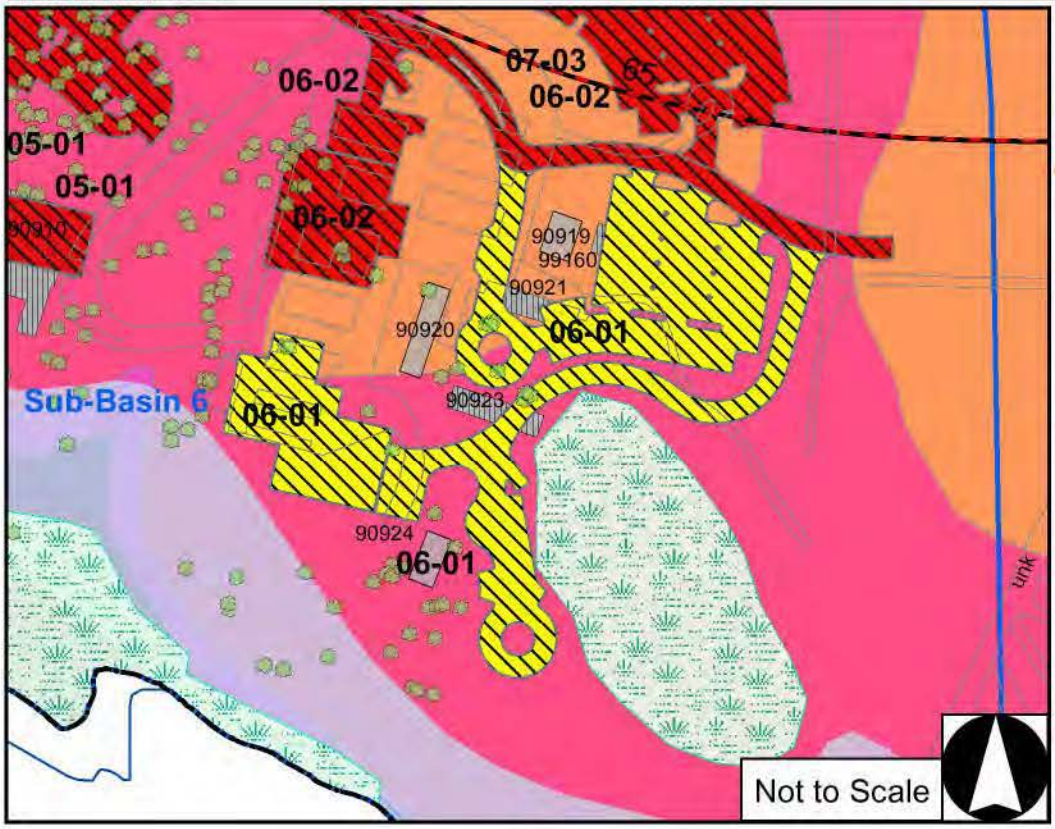
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	05-01	
Project Title	Soundside Visitng Quarters (120 rooms)	
Fiscal Year	FY06	
Funding Source	NAF	
Project Number	FTEV033020	
Project Type	New	
Demolition Linkage	Buildings 90909 & 90910	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	30,620.0	
Square Footage of Parking Lot or Roadway Improvement	41,941.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	60,207.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	8
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Project

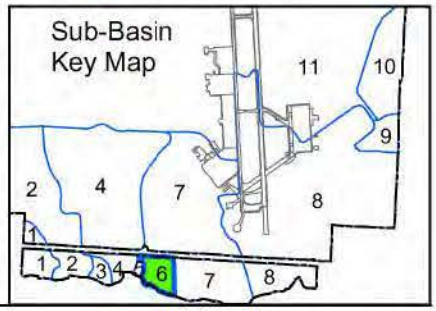
- 06-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

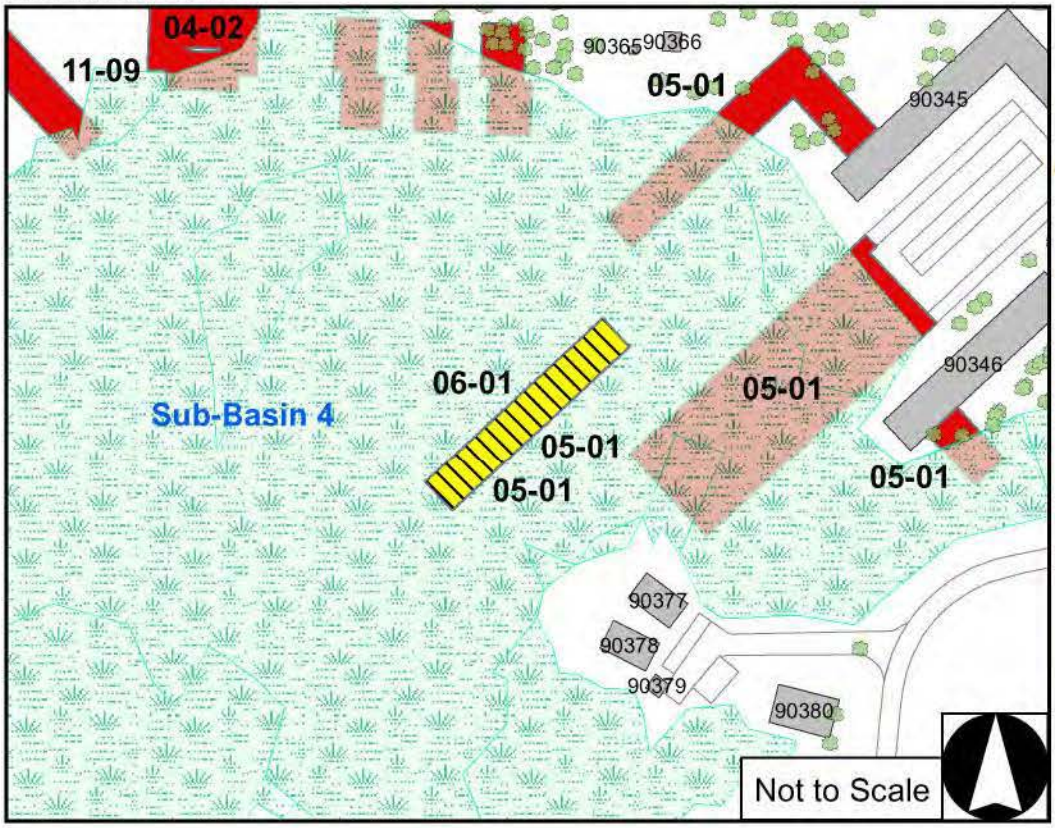
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	06-01	
Project Title	Consolidated Club	
Fiscal Year	FY06	
Funding Source	NAF	
Project Number	FTEV015007	
Project Type	New	
Demolition Linkage	Buildings 90921, 90923 & 99160	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	20,144.0	
Square Footage of Parking Lot or Roadway Improvement	75,994.4	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	11
Surface Water Sub-Basin	Sub-basin number	6
Storm Surge Category	sq.ft. by category	Category 3, 4 and higher- (72,002.7), (96,138.4) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Industrial/ Open Space/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	5-New Road Project #03-3022





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

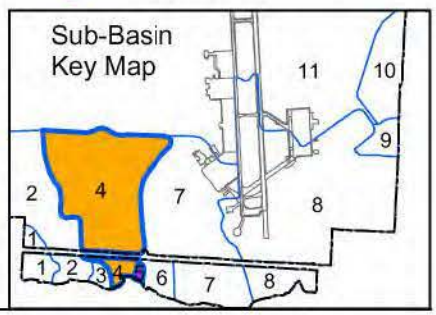
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EA Projects- Alternative Sitings

- 06-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

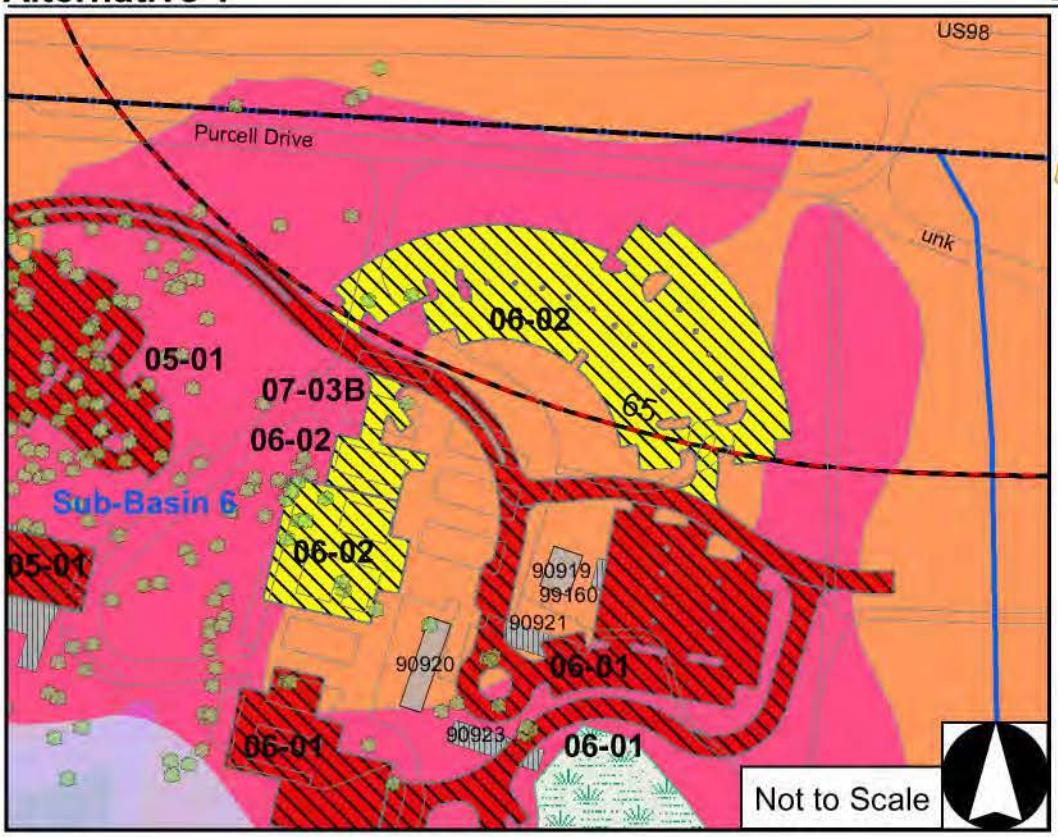
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	06-01	
Project Title	Consolidated Club	
Fiscal Year	FY06	
Funding Source	NAF	
Project Number	FTEV015007	
Project Type	New	
Demolition Linkage	Buildings 90921, 90923 & 99160	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	11,058.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	11,058.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

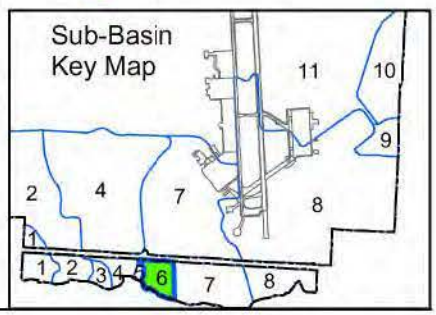
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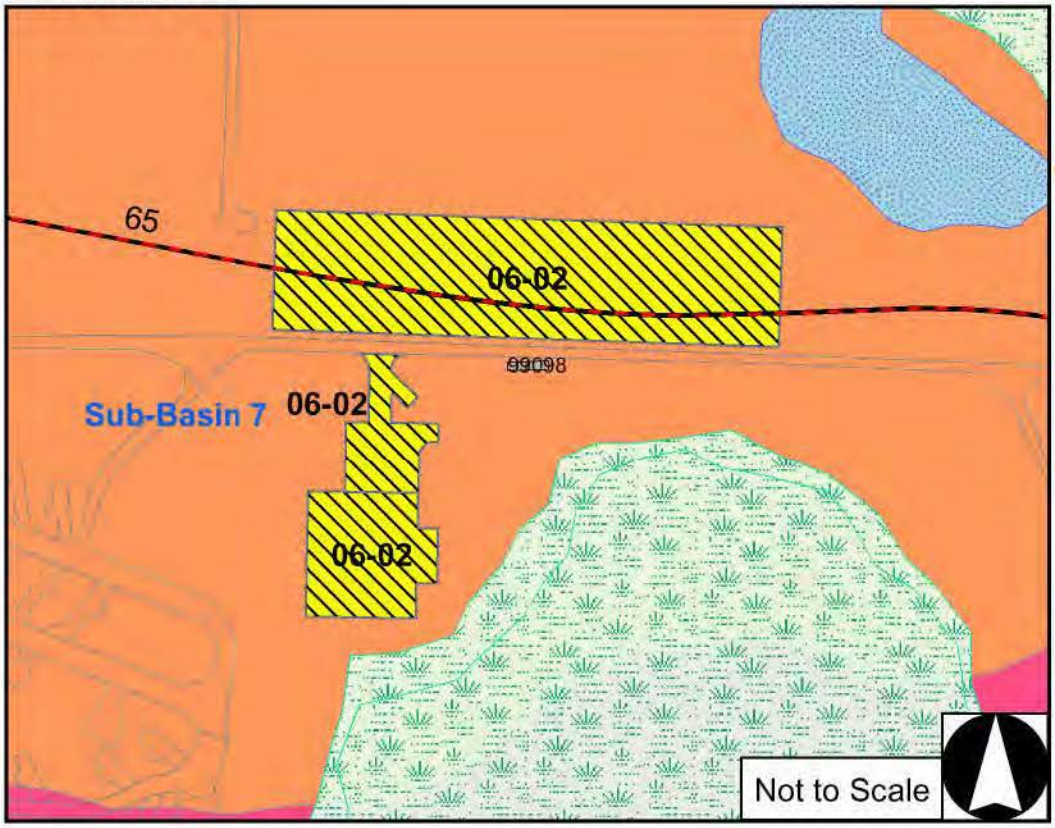
EA Projects
- 06-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	06-02	
Project Title	Mission Planning Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV023011	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	590	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	17,590.0	
Square Footage of Parking Lot or Roadway Improvement	76,643.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	12
Surface Water Sub-Basin	Sub-basin number	6
Storm Surge Category	sq.ft. by category	Category 3, 4 and higher- (33,654.6), (94,233.3) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	3-New Road Project #03-3022





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

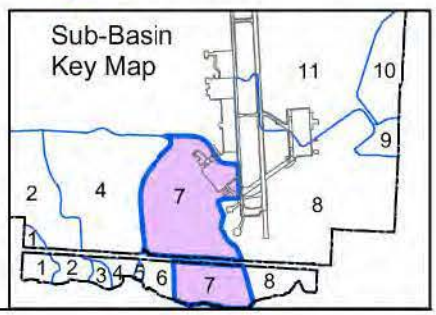
- 06-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

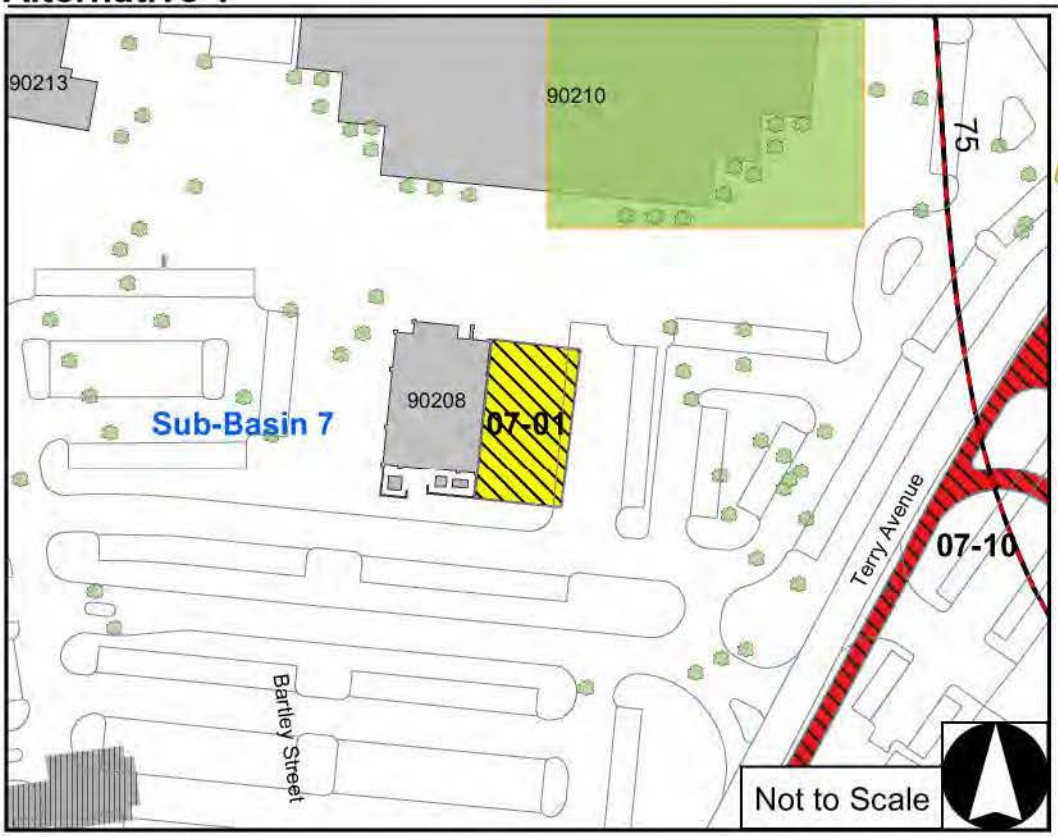
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	06-02	
Project Title	Mission Planning Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV023011	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	590	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	17,590.0	
Square Footage of Parking Lot or Roadway Improvement	80,577.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 4 and higher- 98,167 sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	3- Unknown



Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-01	
Project Title	ADAL Command Post	
Fiscal Year	FY05	
Funding Source	BA01	
Project Number	FTEV043020	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	5,975.1	
Square Footage of Parking Lot or Roadway Improvement		

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Terry Avenue

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

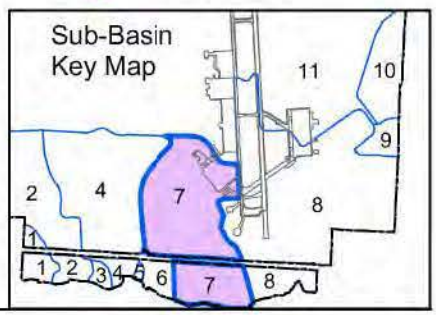
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EA Projects

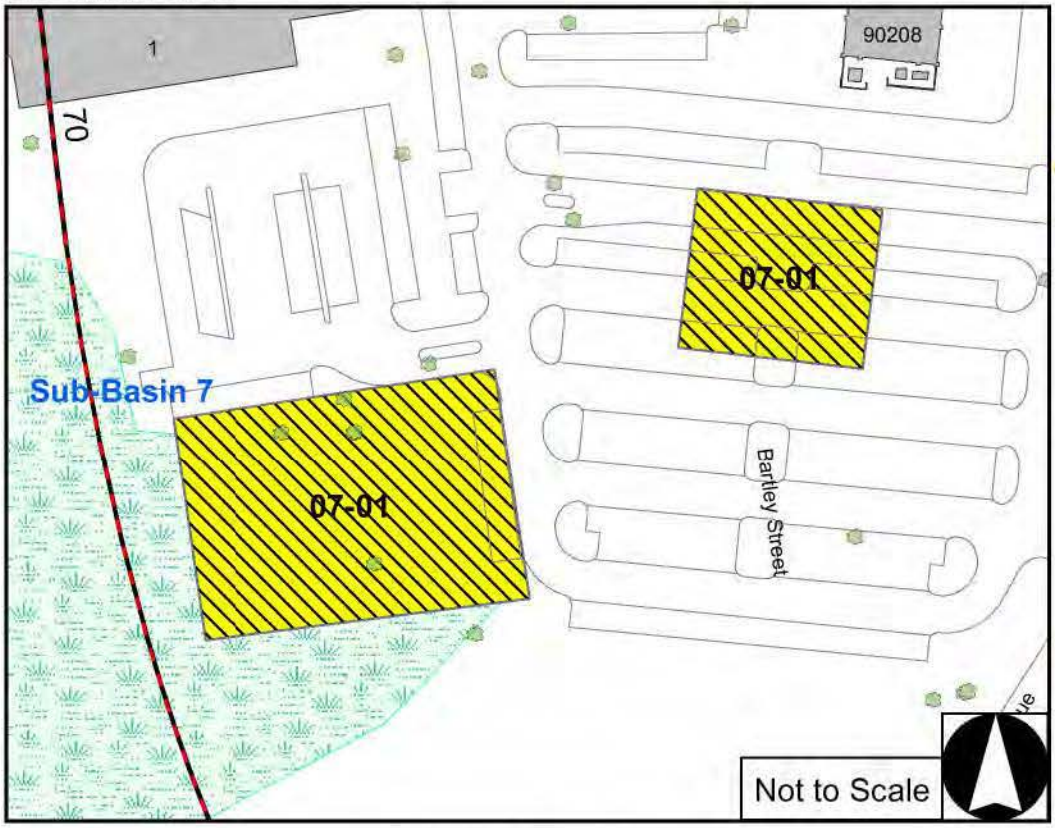
- 07-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Alternative 2



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-01	
Project Title	ADAL Command Post	
Fiscal Year	FY05	
Funding Source	BA01	
Project Number	FTEV043020	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	12,620.0	
Square Footage of Parking Lot or Roadway Improvement	31,706.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	15,292.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	5
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

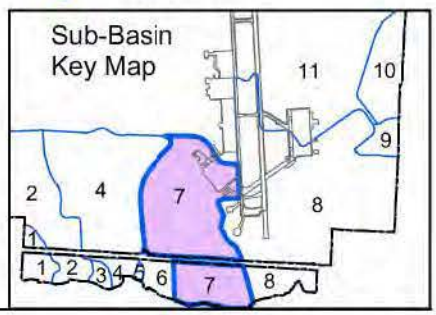
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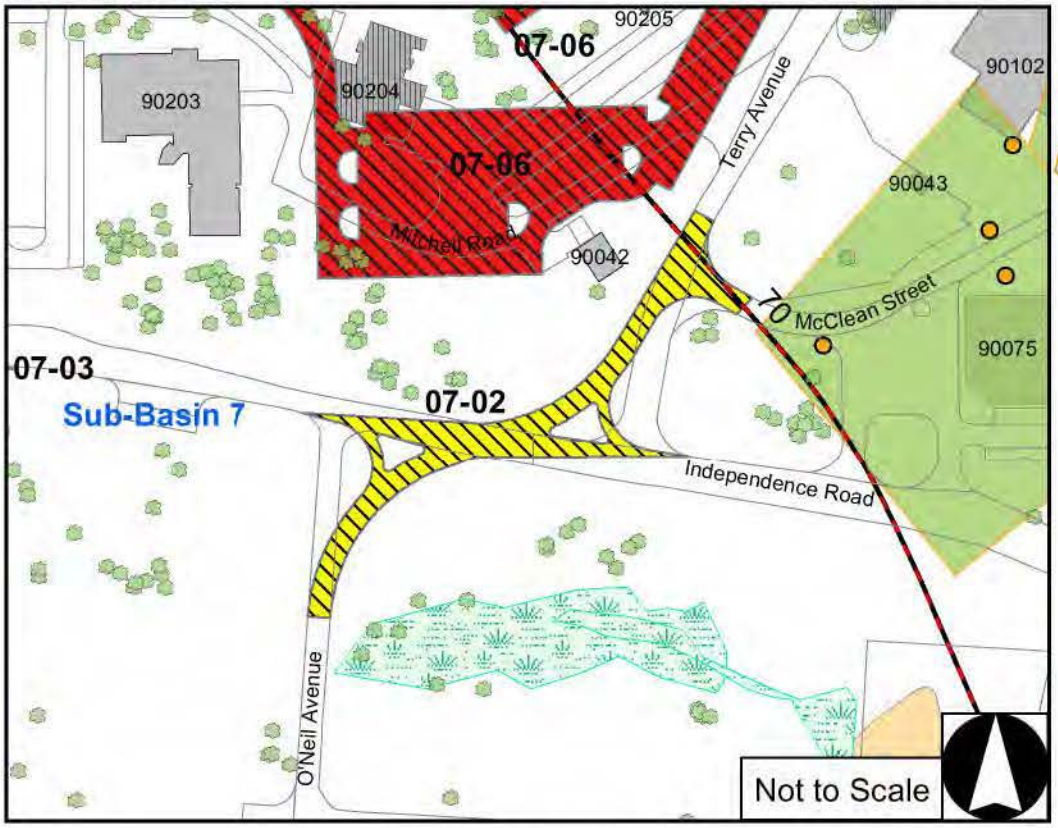
EA Projects- Alternative Sitings

- 07-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

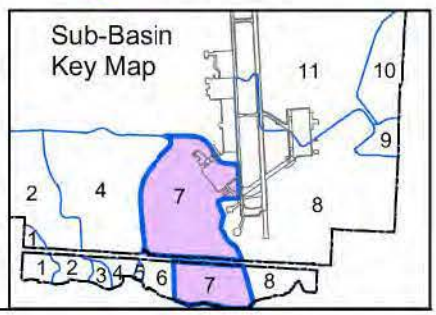
Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-02	
Project Title	Realign O'Neil Avenue/Install Traffic Signal	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV962010	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	26,348.4	

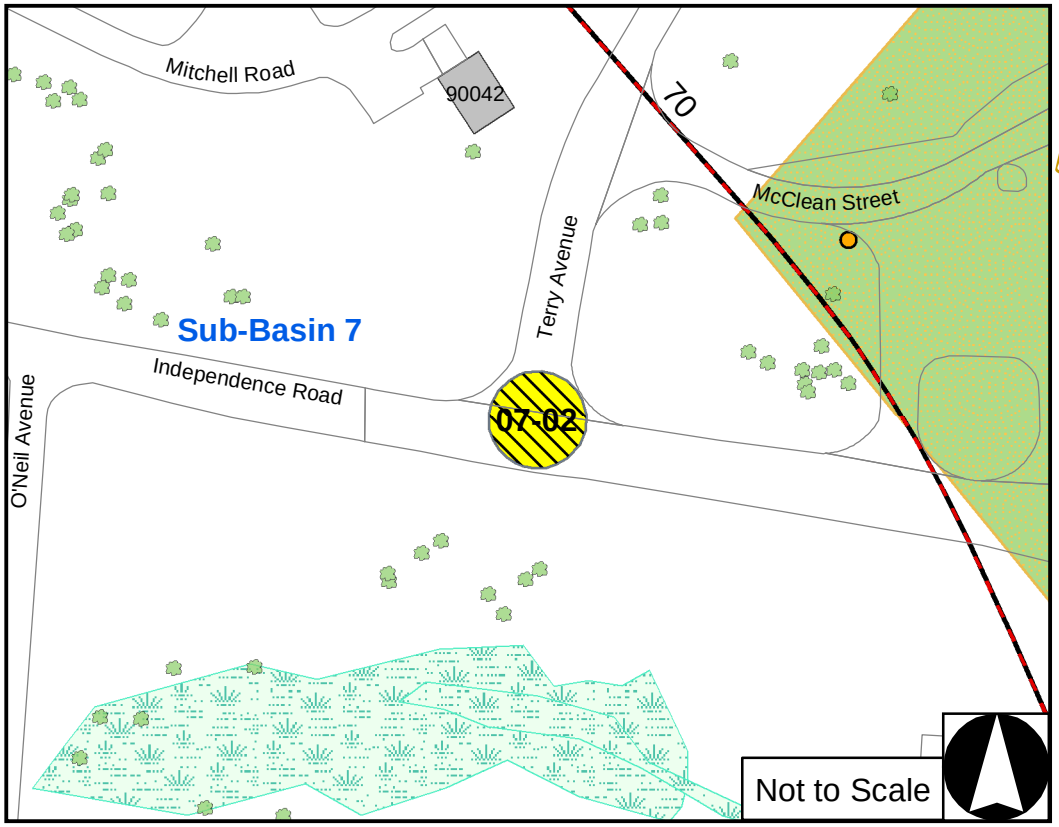
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road, O'Niel Avenue, Terry Avenue, McClean Street

Legend

EA Projects
- 07-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

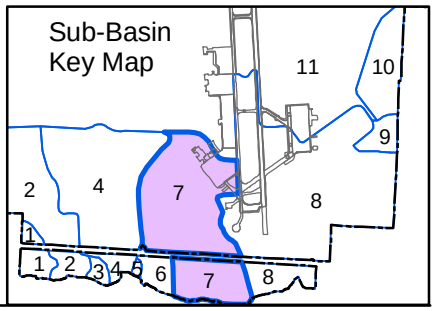
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EA Projects- Alternative Sitings

- 07-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

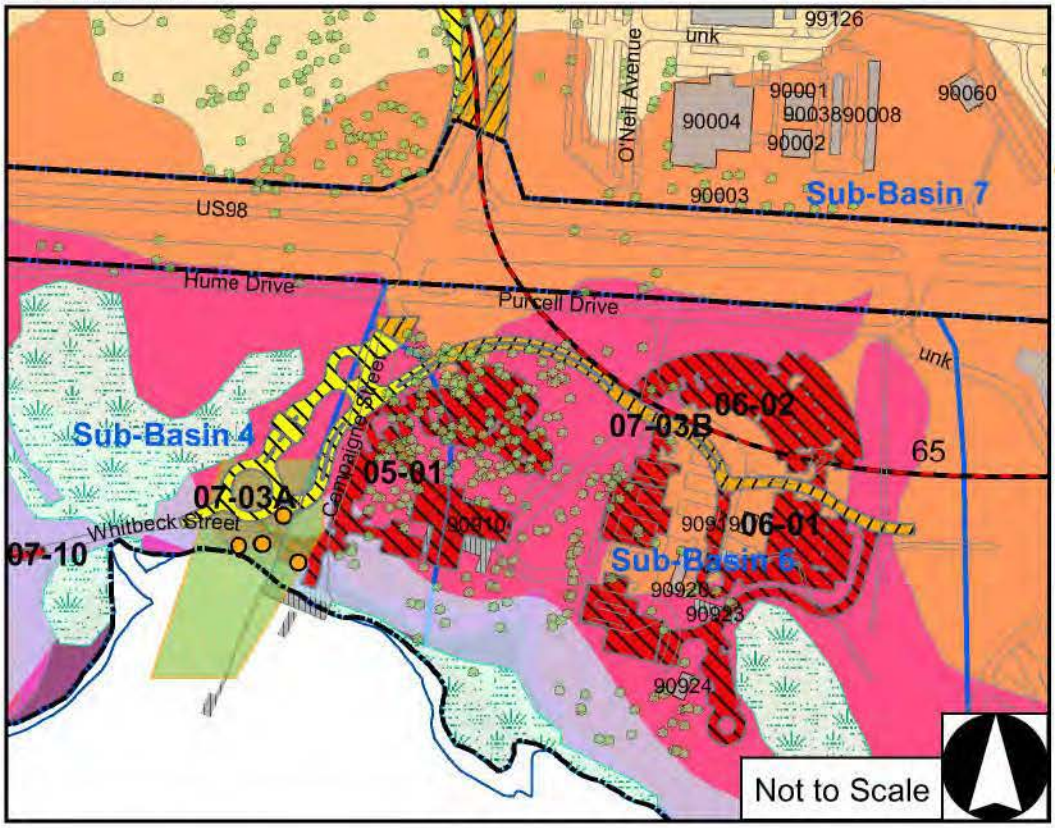
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-02	
Project Title	Realign O'Neil Avenue/Install Traffic Signal	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV962010	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road & Terry Avenue



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-03	
Project Title	AT/FP Main Gate and Soundside Access Control Facilities	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033022	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	2,630.1	
Square Footage of Parking Lot or Roadway Improvement	87,235.7	

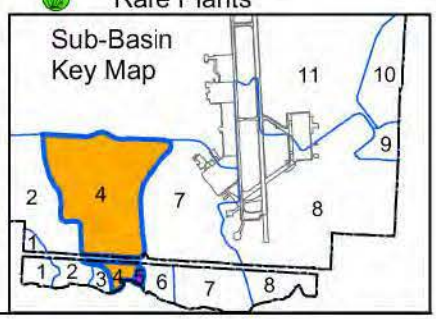
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	1,352.5
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	13,257.6 sq. ft. SS-214
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	16
Surface Water Sub-Basin	Sub-basin number	4&5
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (44,585.8), (46,266.8), (67,415.1) sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Community Commercial/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Campaign Street/ 1-Whitbeck Street

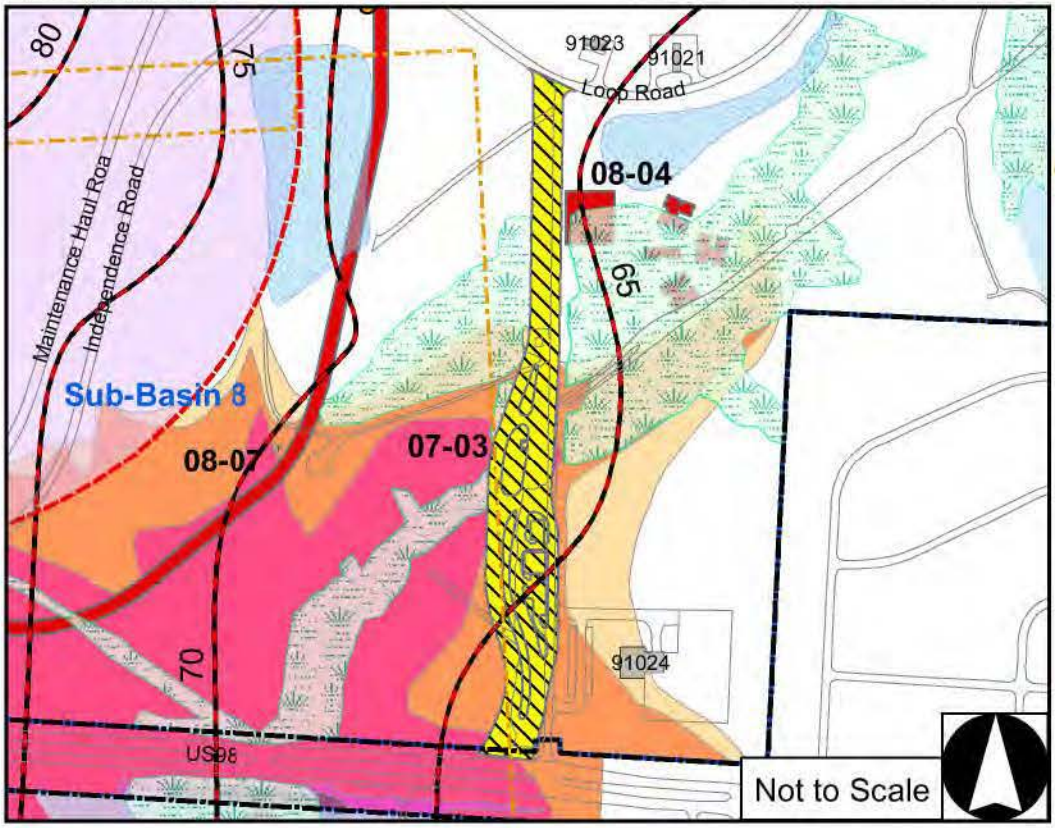
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 07-03A
- 07-03B
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

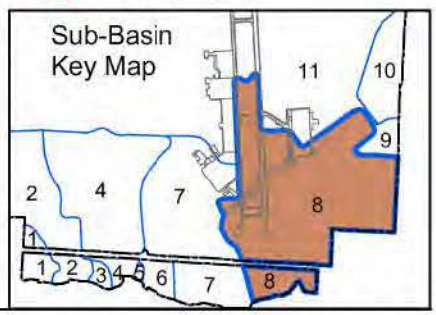
Legend

EA Projects- Alternative Sitings

- 07-03
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

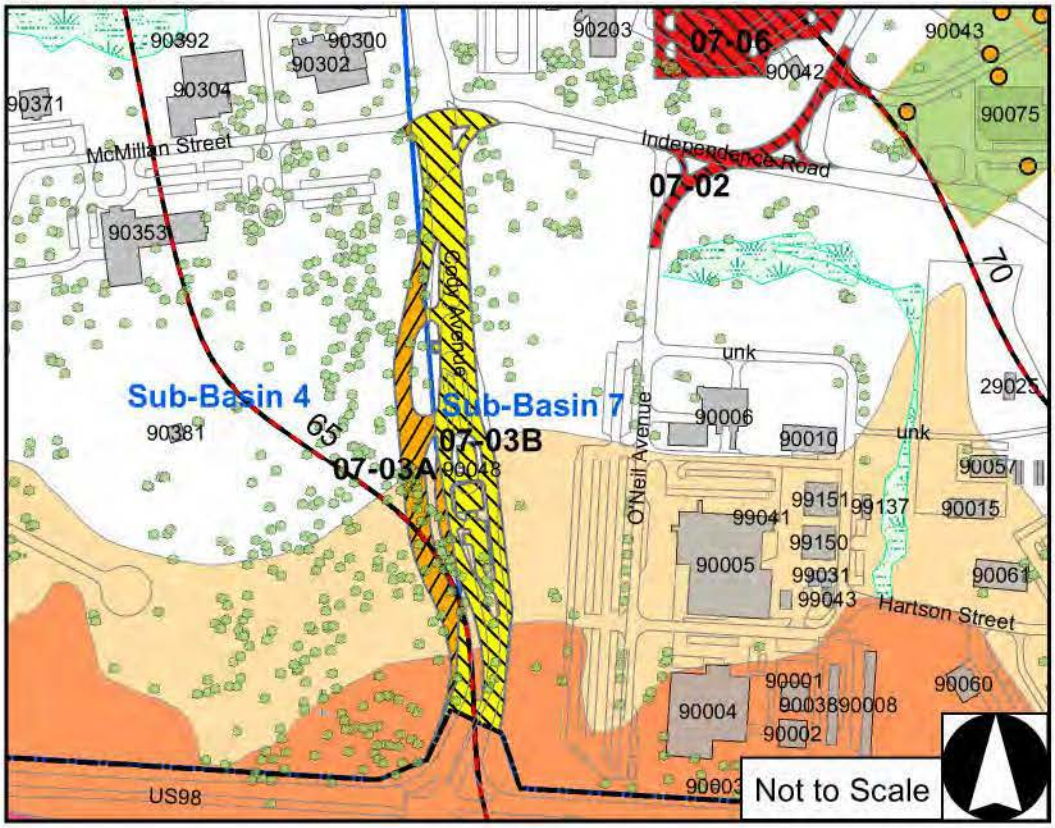
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-03	
Project Title	AT/FP Main Gate and Soundside Access Control Facilities	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033022	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	2,630.1	
Square Footage of Parking Lot or Roadway Improvement	245,874.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	39,083.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	4,021.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (39,042), (42,521), (183,312) sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- US-98/ 1- Loop Road



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-03	
Project Title	AT/FP Main Gate and Soundside Access Control Facilities	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033022	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,880.9 (SB7)	
Square Footage of Parking Lot or Roadway Improvement	34,999.0 (SB6)/ 117,722.3 (SB7)	

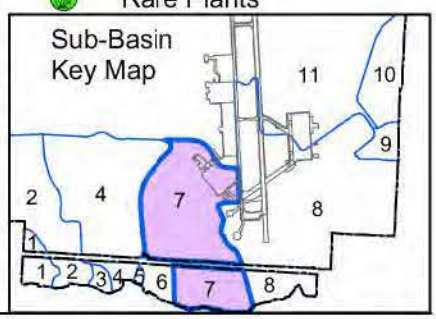
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	24
Surface Water Sub-Basir	Sub-basin number	6&7
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (18,788.5), (50,440.6), (82,506.6) sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Services/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Cody Avenue/ 1- McMillan Street

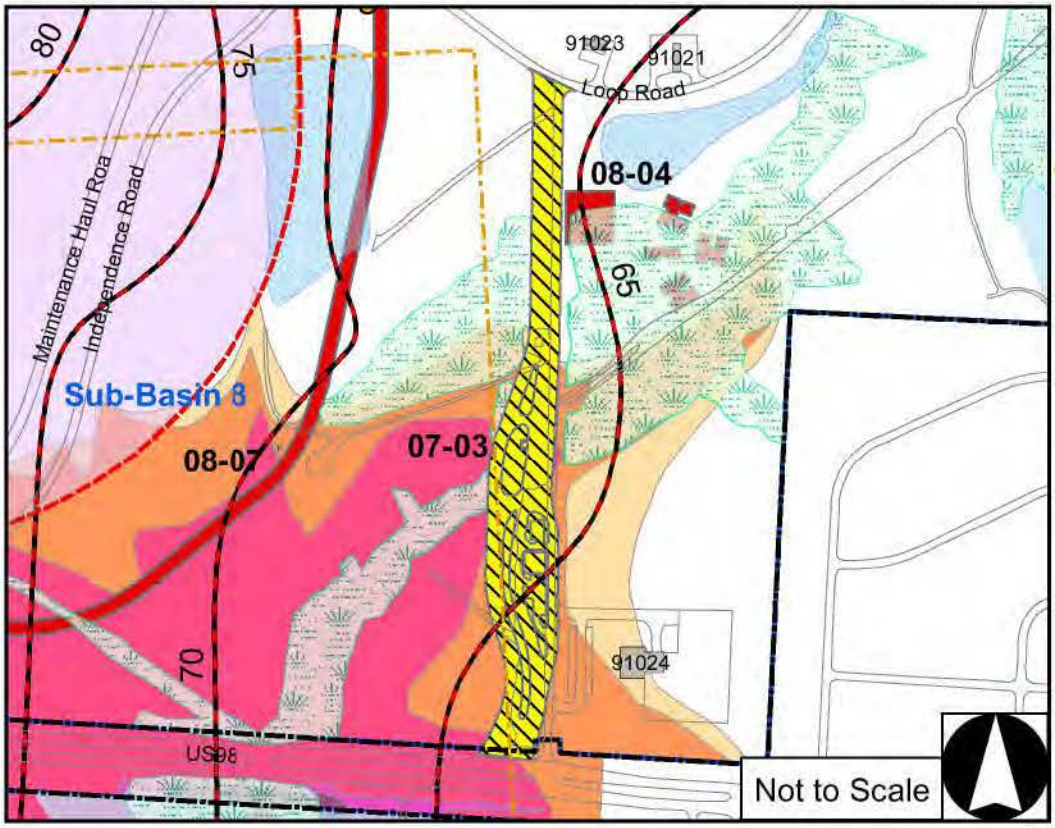
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 07-03B
- 07-03A
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

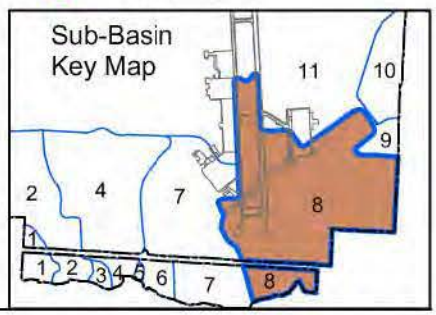
Legend

EA Projects- Alternative Sitings

- 07-03
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP
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- Wetlands
- Sub-Basins

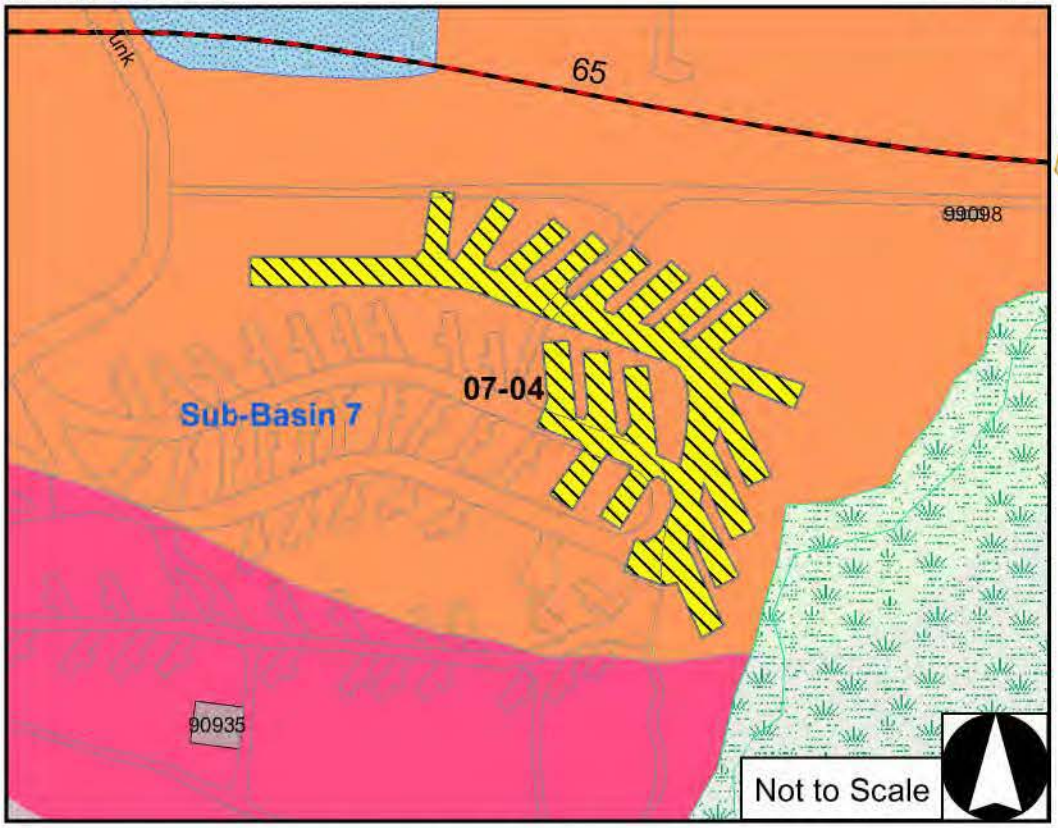
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
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- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-03	
Project Title	AT/FP Main Gate and Soundside Access Control Facilities	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033022	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	2,630.1	
Square Footage of Parking Lot or Roadway Improvement	245,874.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	39,083.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	4,021.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (39,042), (42,521), (183,312) sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatability with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- US-98/ 1- Loop Road



Environmental Assessment
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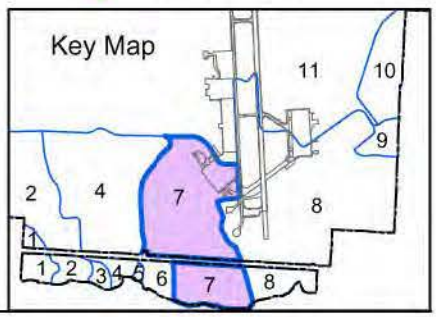
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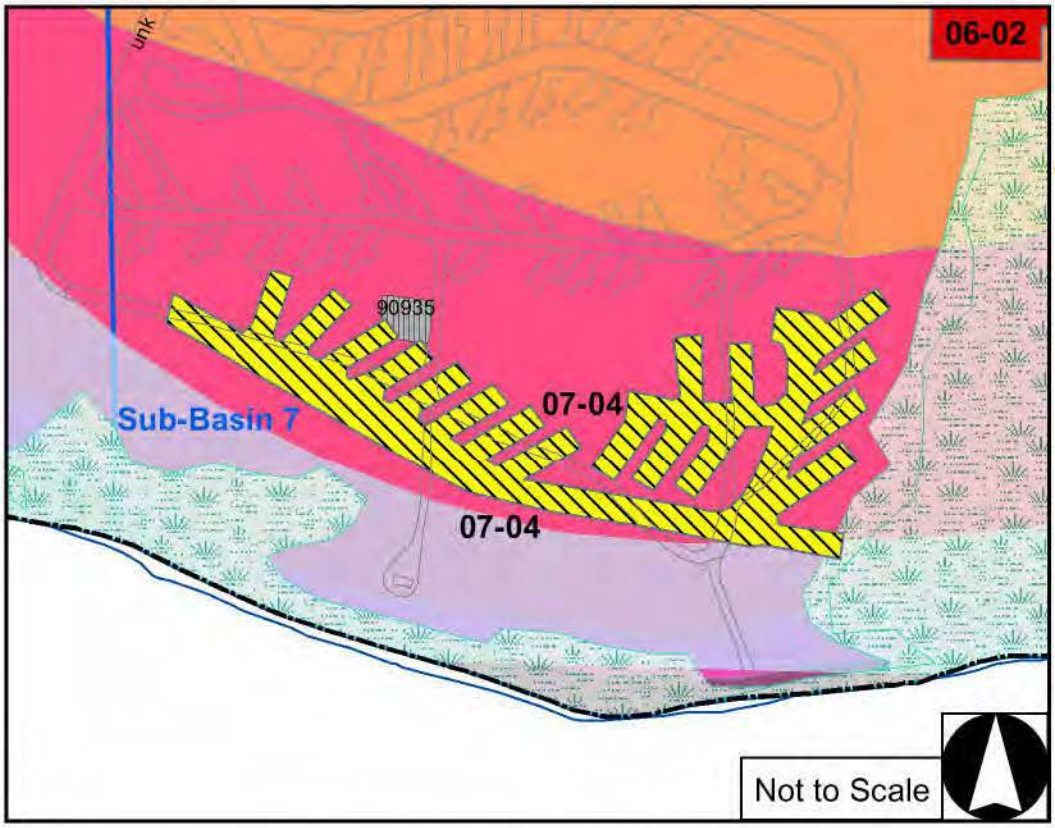
EA Projects
- 07-04
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-04	
Project Title	Family Camping Facility (24 Sites)	
Fiscal Year	FY08	
Funding Source	NAF	
Project Number	FTEV045003	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	67,336.9	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 4 and 5- 67,336.9 sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Unknown





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

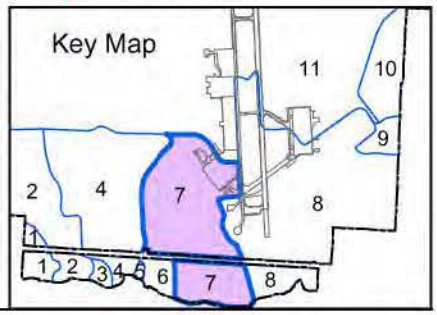
- 07-04
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

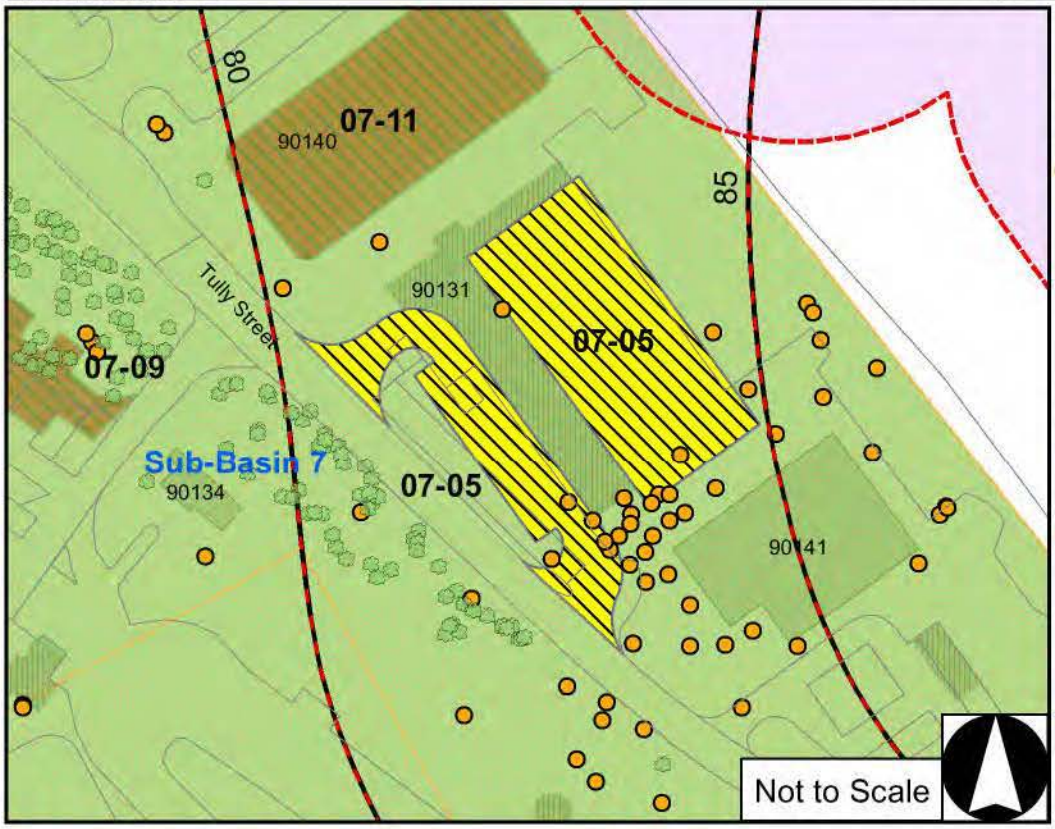
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-04	
Project Title	Family Camping Facility (24 Sites)	
Fiscal Year	FY08	
Funding Source	NAF	
Project Number	FTEV045003	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	76,491.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	1,152.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	336.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 3 and higher- 76,491 sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Unknown



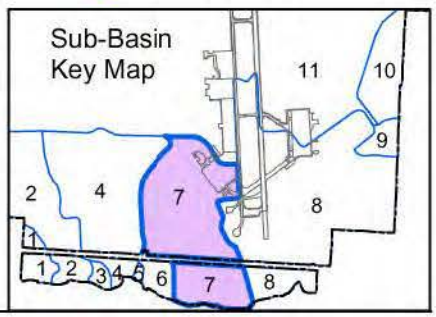


Environmental Assessment
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Hurlburt Field, Florida

Legend

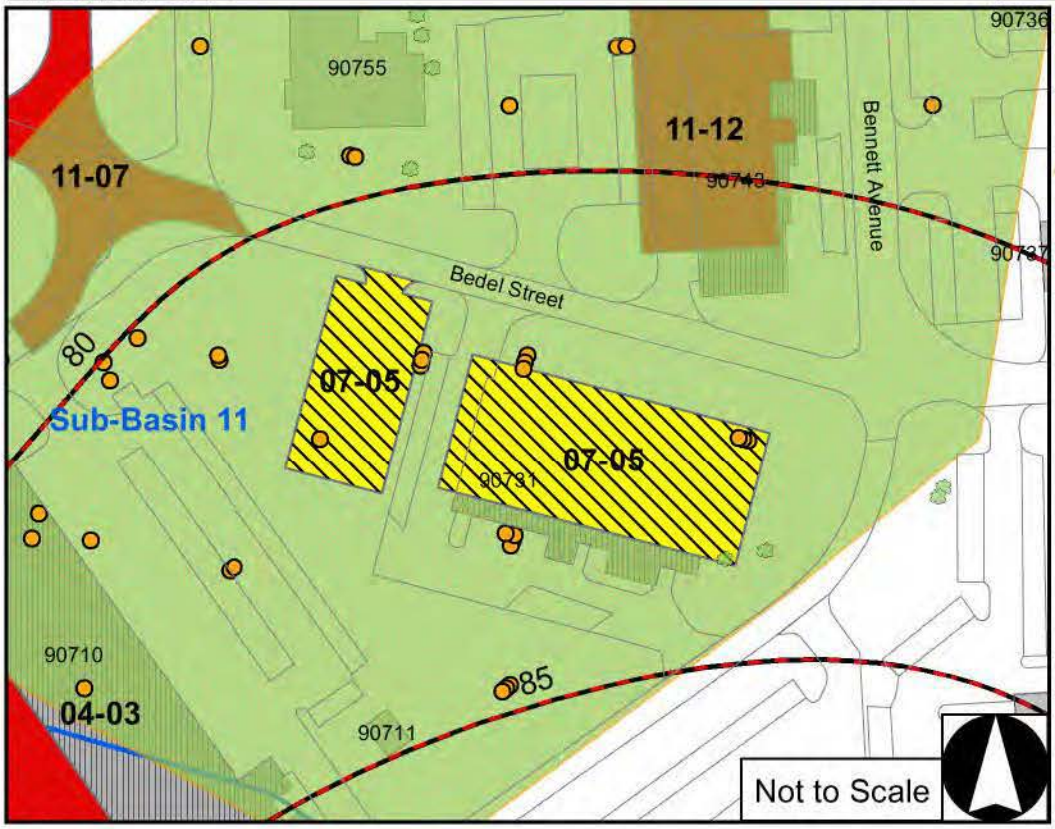
EA Projects
- 07-05
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-05	
Project Title	SOF Weapons & Release Systems Shop	
Fiscal Year	FY08	
Funding Source	MFP-11	
Project Number	FTEV043006	
Project Type	New	
Demolition Linkage	Buidling 90131	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	18,000.0	
Square Footage of Parking Lot or Roadway Improvement	10,732.9	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	28,733.2 sq. ft. ST-123
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2-Tully Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

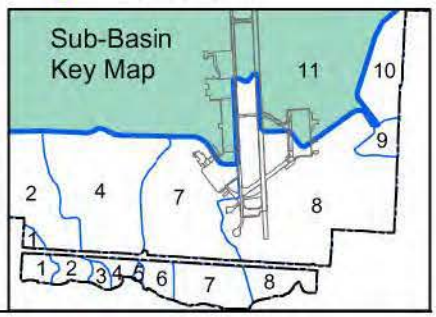
Legend

EA Projects- Alternative Sitings

- 07-05
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

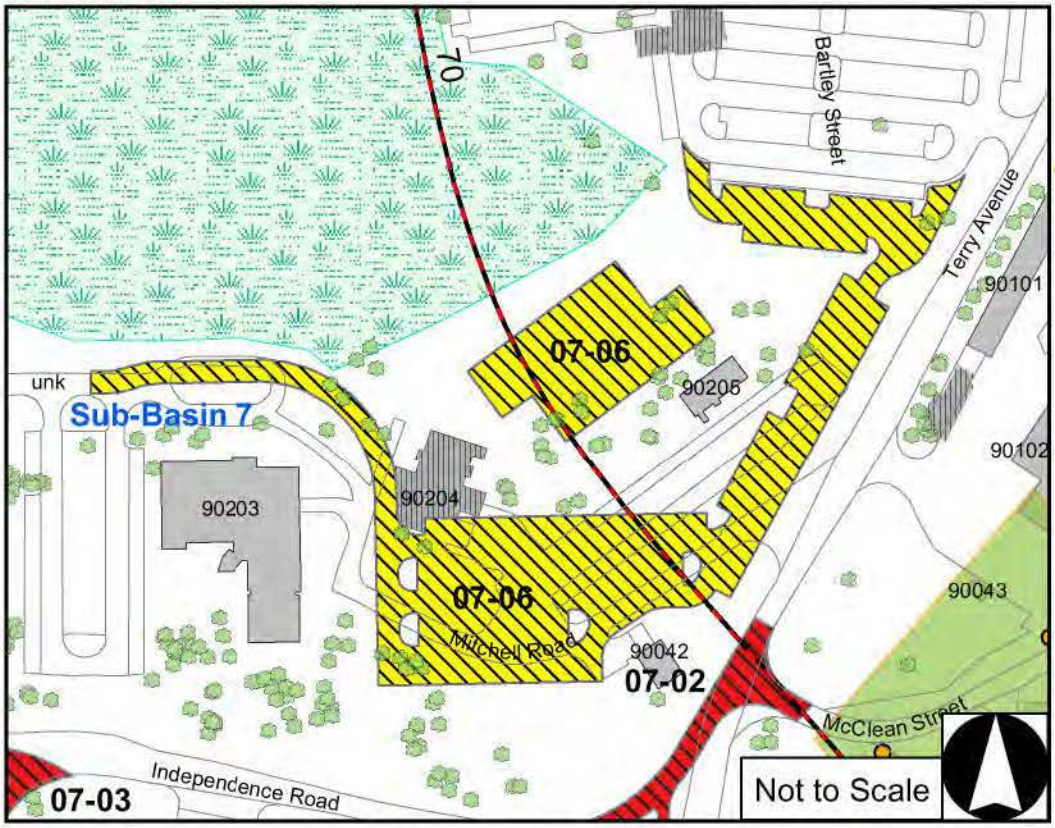
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-05	
Project Title	SOF Weapons & Release Systems Shop	
Fiscal Year	FY08	
Funding Source	MFP-11	
Project Number	FTEV043006	
Project Type	New	
Demolition Linkage	Buidling 90131	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	18,000.0	
Square Footage of Parking Lot or Roadway Improvement	8,746.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	26,736 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Bedel Street



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-06	
Project Title	SOF Special Tactics Group Headquarters Facility	
Fiscal Year	FY11	
Funding Source	MFP-11	
Project Number	FTEV033017	
Project Type	New	
Demolition Linkage	Building 90204	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	25,000.0	
Square Footage of Parking Lot or Roadway Improvement	100,568.9	

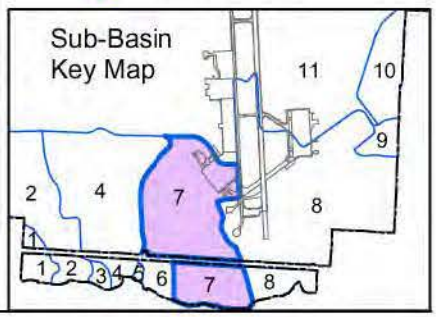
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	18
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Community Service/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Terry Avenue

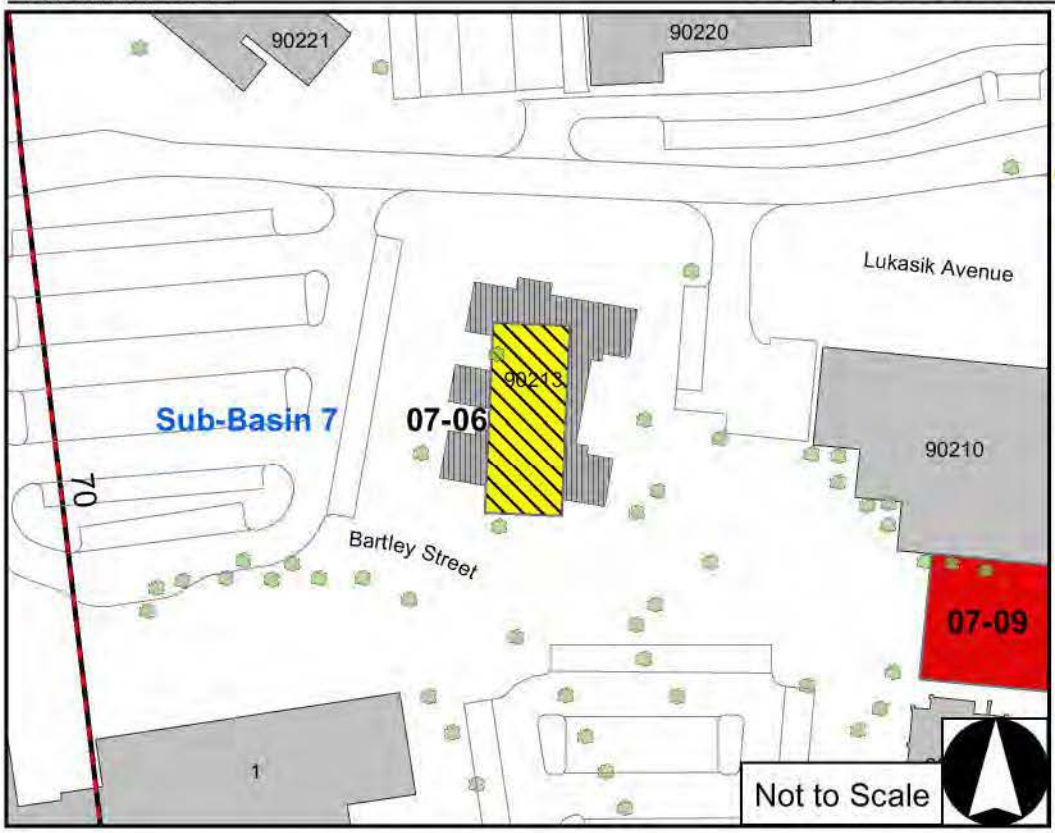
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 07-06
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
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- 100-year Floodplain
- IRP Sites
- Q/D Arcs
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Storm Surge Category
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Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

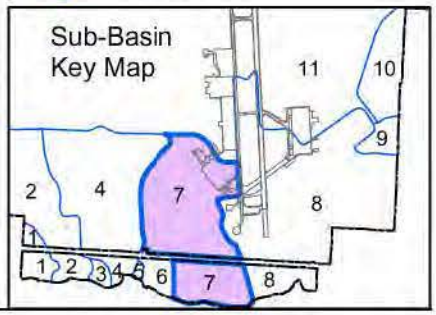
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EA Projects- Alternative Sitings

- 07-06
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

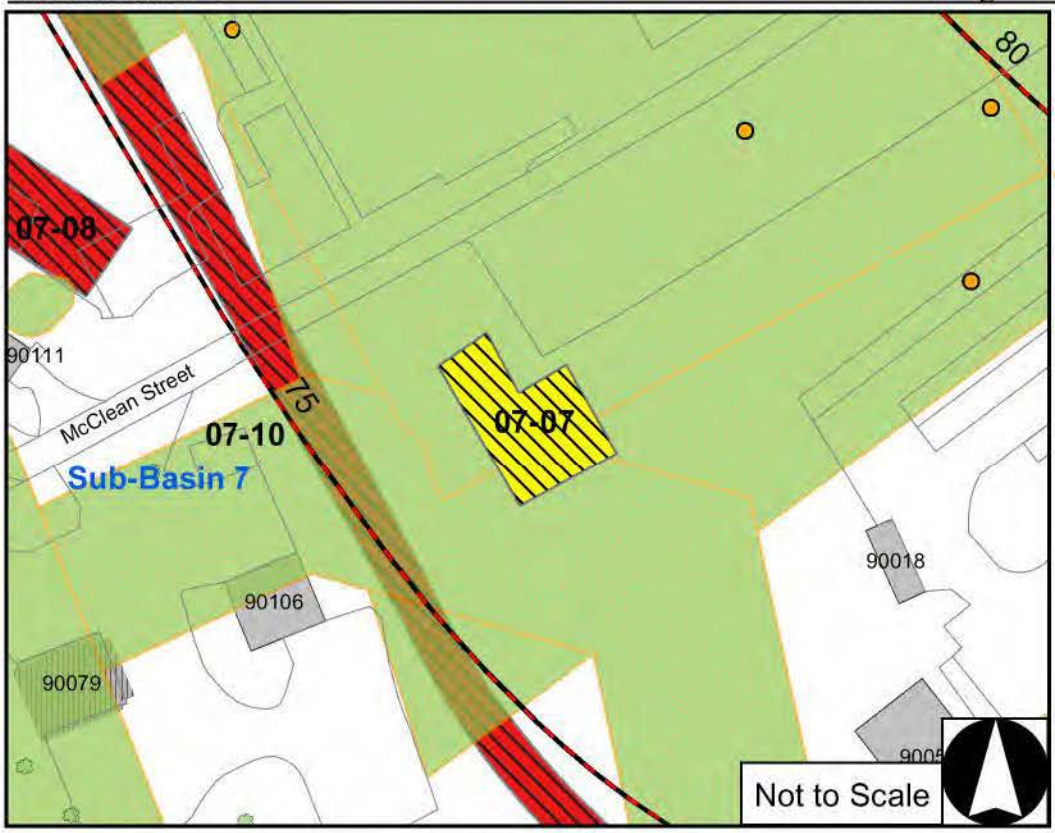
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-06	
Project Title	SOF Special Tactics Group Headquarters Facility	
Fiscal Year	FY11	
Funding Source	MFP-11	
Project Number	FTEV033017	
Project Type	New	
Demolition Linkage	Building 90204	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	6,250.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Bartley Street



Environmental Assessment
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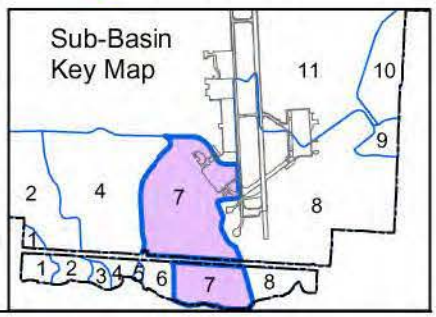
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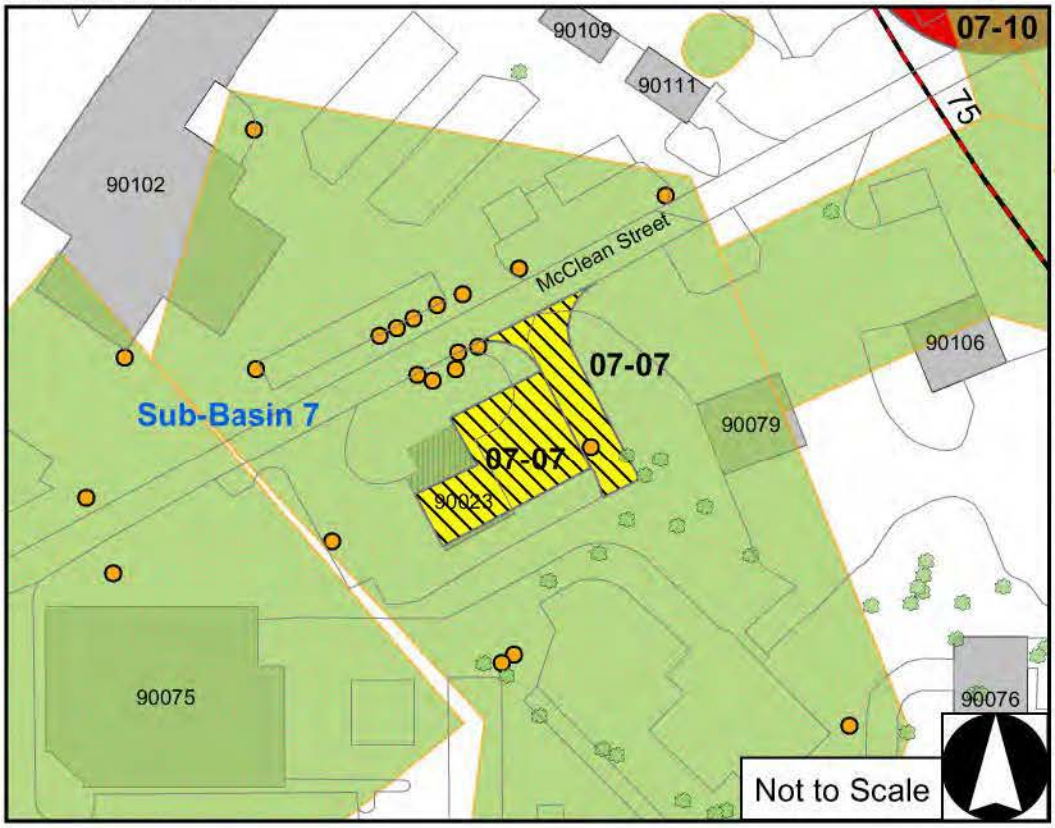
EA Projects
- 07-07
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-07	
Project Title	Refueling Vehicle Maintenance Facility	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV043000	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	6,296.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	537.1 sq. ft. ST-123 1,401.4 sq. ft. SD-189 4,357.5 sq. ft. ST-68
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	McClean Street/ New Road Project # 99-3011





Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-07	
Project Title	Refueling Vehicle Maintenance Facility	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV043000	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	6,351.0	
Square Footage of Parking Lot or Roadway Improvement	3,657.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	9,929 sq. ft SS-124
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	McClean Street

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

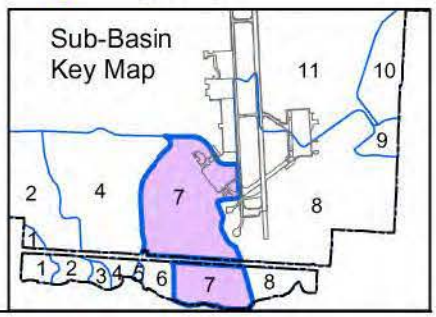
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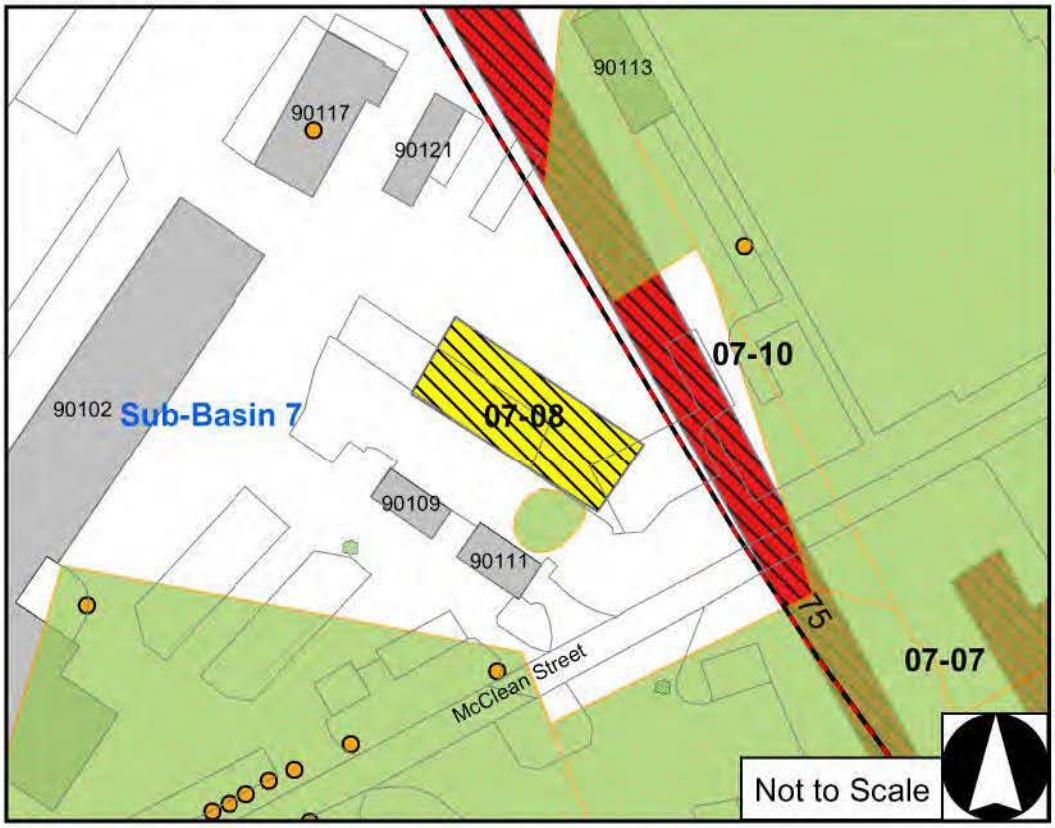
EA Projects- Alternative Sitings

- 07-07
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



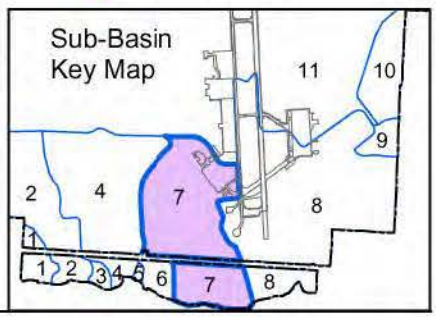


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

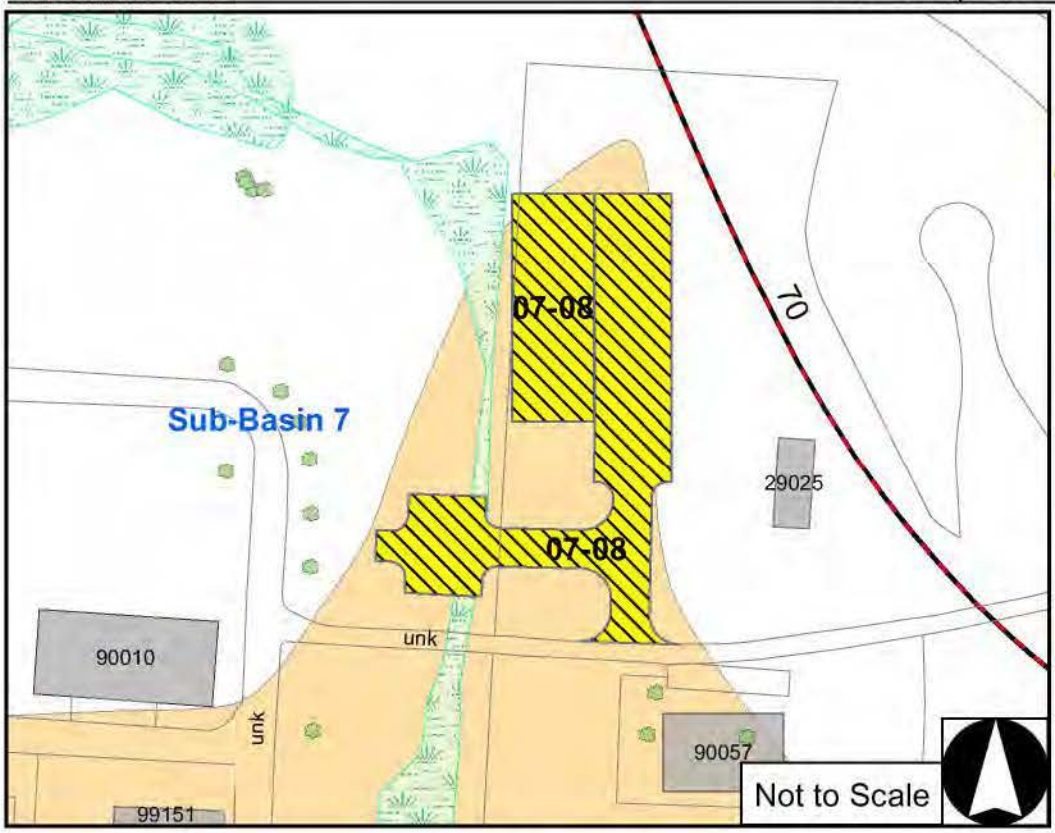
EA Projects
- 07-08
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-08	
Project Title	Vehicle Operations Administration Facility	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV033004	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	8,111.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	21.8 sq. ft. OT-43
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	McClean Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-08	
Project Title	Vehicle Operations Administration Facility	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV033004	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	7,934.0	
Square Footage of Parking Lot or Roadway Improvement	18,268.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	899.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	Category 5- 23,456 sq. ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Unknown

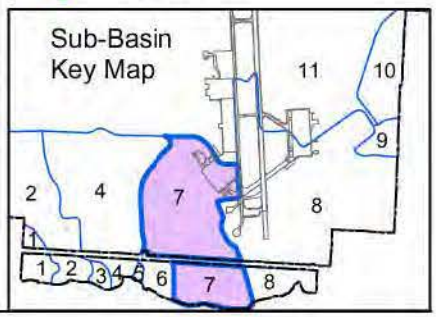
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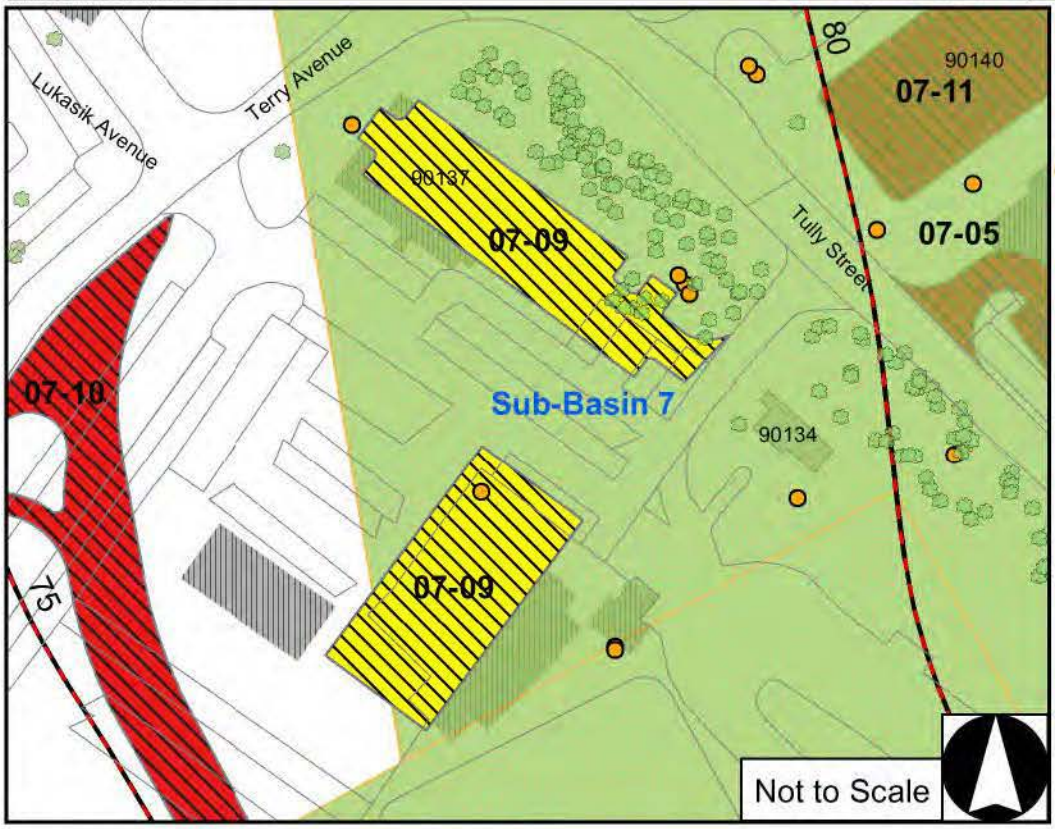
EA Projects- Alternative Sitings

- 07-08
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

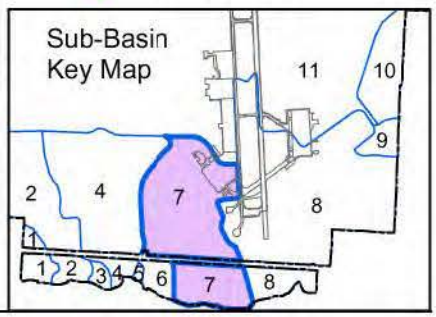
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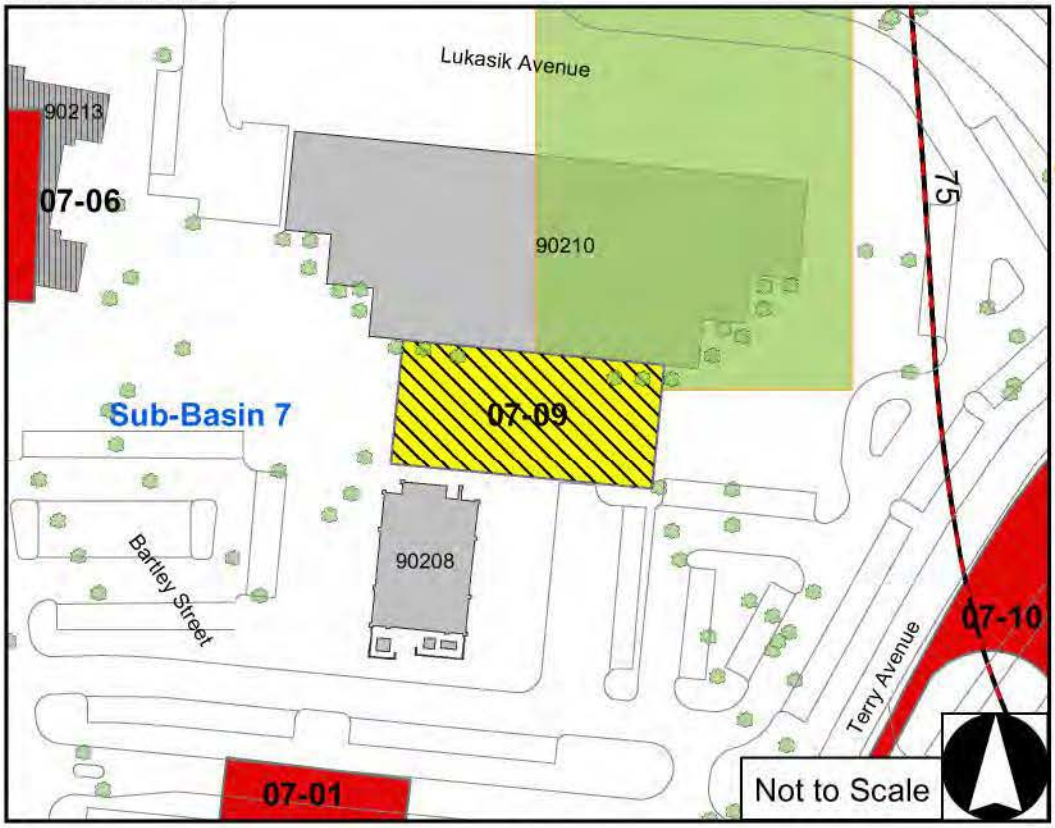
EA Projects
- 07-09
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-09	
Project Title	SOF Maintenance Operations Squadron Facility	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV963008	
Project Type	New	
Demolition Linkage	Building 90137	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	13,965.0	
Square Footage of Parking Lot or Roadway Improvement	14,038.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	26,590.1 sq. ft. ST-123
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	7
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street





Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-09	
Project Title	SOF Maintenance Operations Squadron Facility	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV963008	
Project Type	New	
Demolition Linkage	Building 90137	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	13,965.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	1,649 sq. ft. ST-126
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	4
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Terry Avenue

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

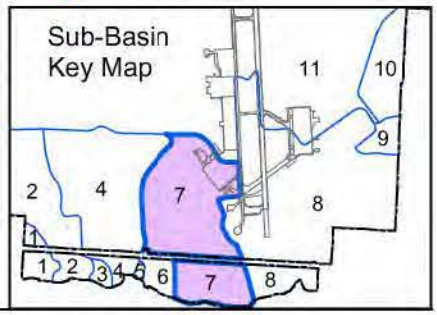
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EA Projects- Alternative Sitings

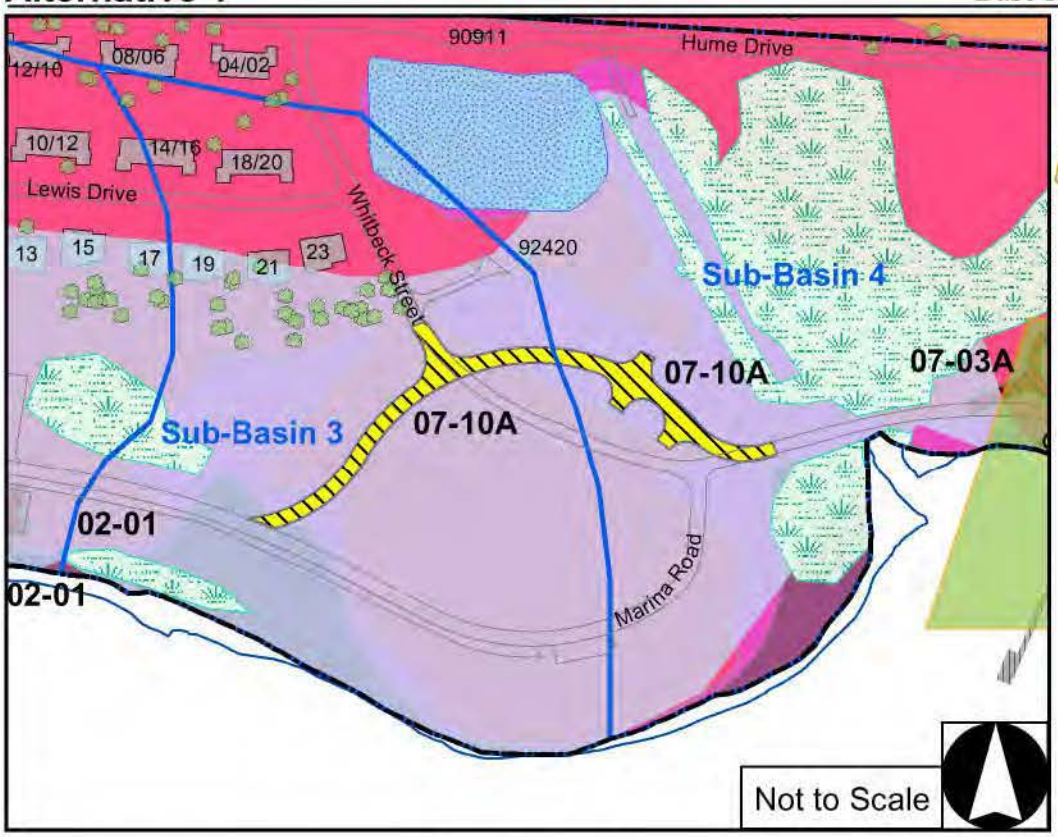
- 07-09
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Base Roadway Improvements	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993011	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	15,409.9 (SB3)/ 13,034.3 (SB4&5)	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	15,409.9 (SB3), 13,034.3 (SB4&5)
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	3, 4&5
Storm Surge Category	sq.ft. by category	Category 1, 2, 3 and higher- (422.7), (17,673), (28,494.1) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Accompanied Housing/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Whitbeck Street/ 1-Marina Road

AIR FORCE SPECIAL OPERATIONS COMMAND

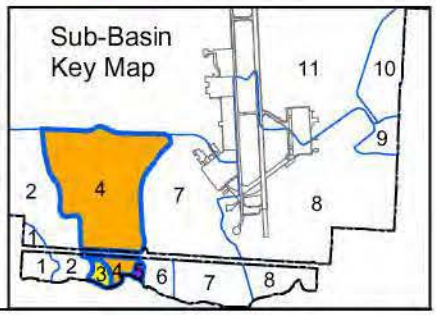
ANY TIME, ANY PLACE

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

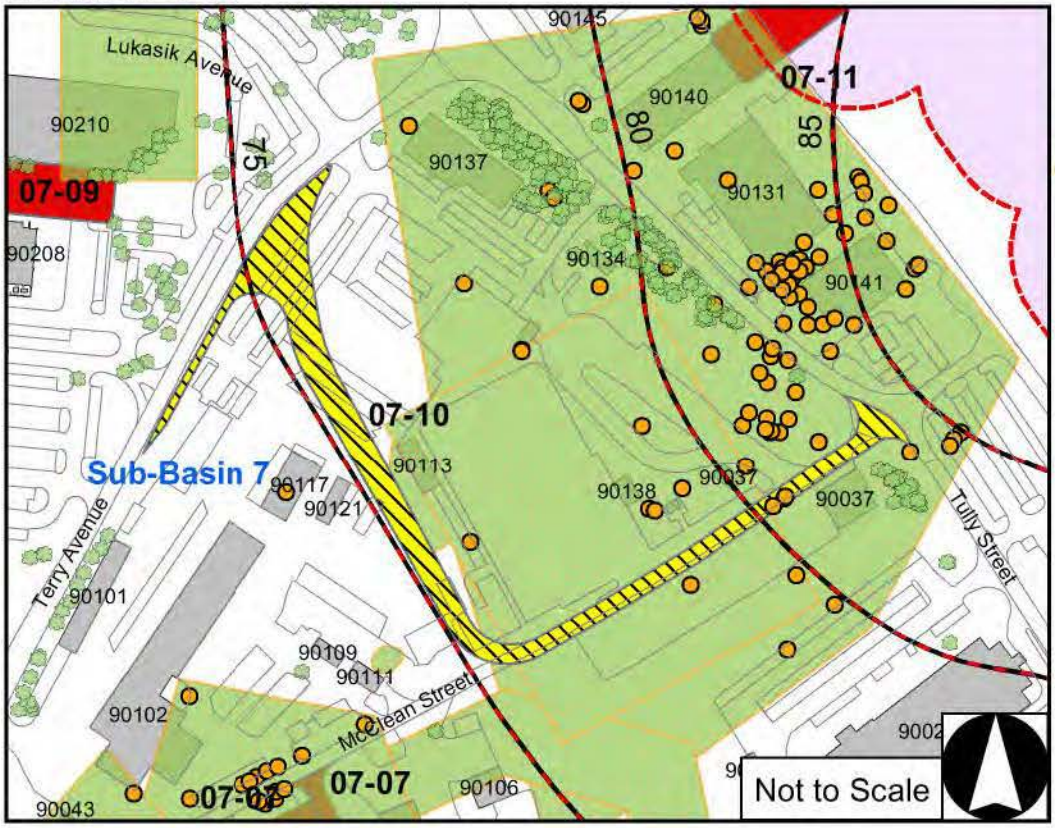
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EA Projects
- 07-10
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Alternative 2



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Base Roadway Improvements	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993011	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	62,519.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	9,140 sq. ft. ST-123- 4,259 sq. ft. SS-122- 1,713 sq. ft. ST-68
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Operations & Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Terry Avenue/ 1-Tully Street

AIR FORCE SPECIAL OPERATIONS COMMAND

ANY TIME ANY PLACE

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

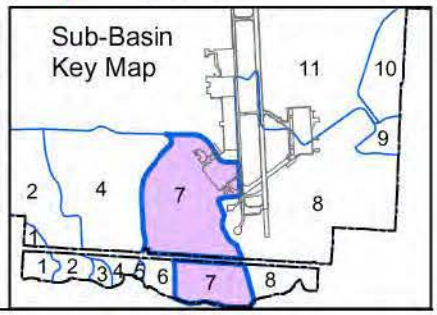
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EA Projects- Alternative Sitings

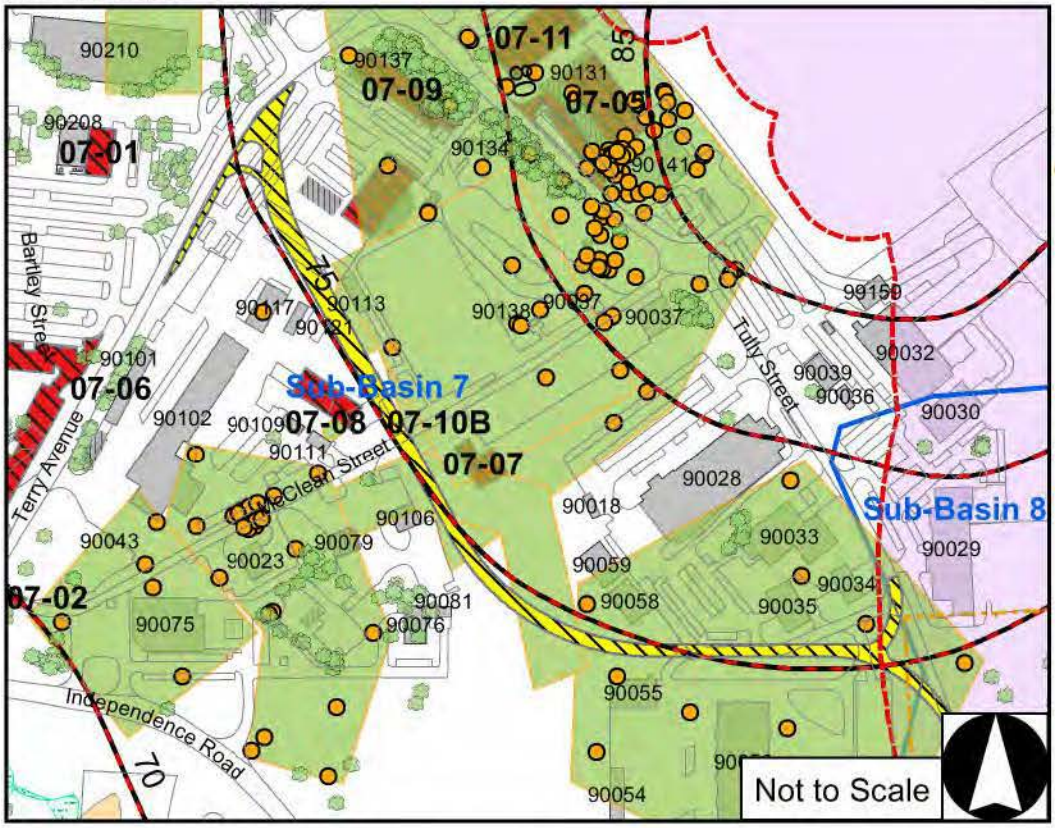
- 07-10
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Base Roadway Improvements	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993011	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	80,883 (SB7)/ 4,878.2 (SB8)	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	23,621.3 sq. ft. LF-20 (SB7); 9,701.2 sq. ft. SD-189 (SB7); 2,944.7 sq. ft. ST-123 (SB7); 4,255 sq. ft. SS-122 (SB7); 4,334.5 sq. ft. LF-20 (SB8)
Q/D Clear Zone	Source	Airfield Stand-Off 5,169.8 sq. ft. (SB7) Airfield Stand-Off 4,878.2 sq. ft. (SB8)
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7&8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Open Space/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Terry Avenue/ 2-Tully Street

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

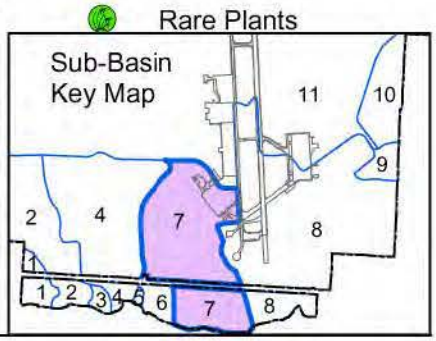
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EA Projects

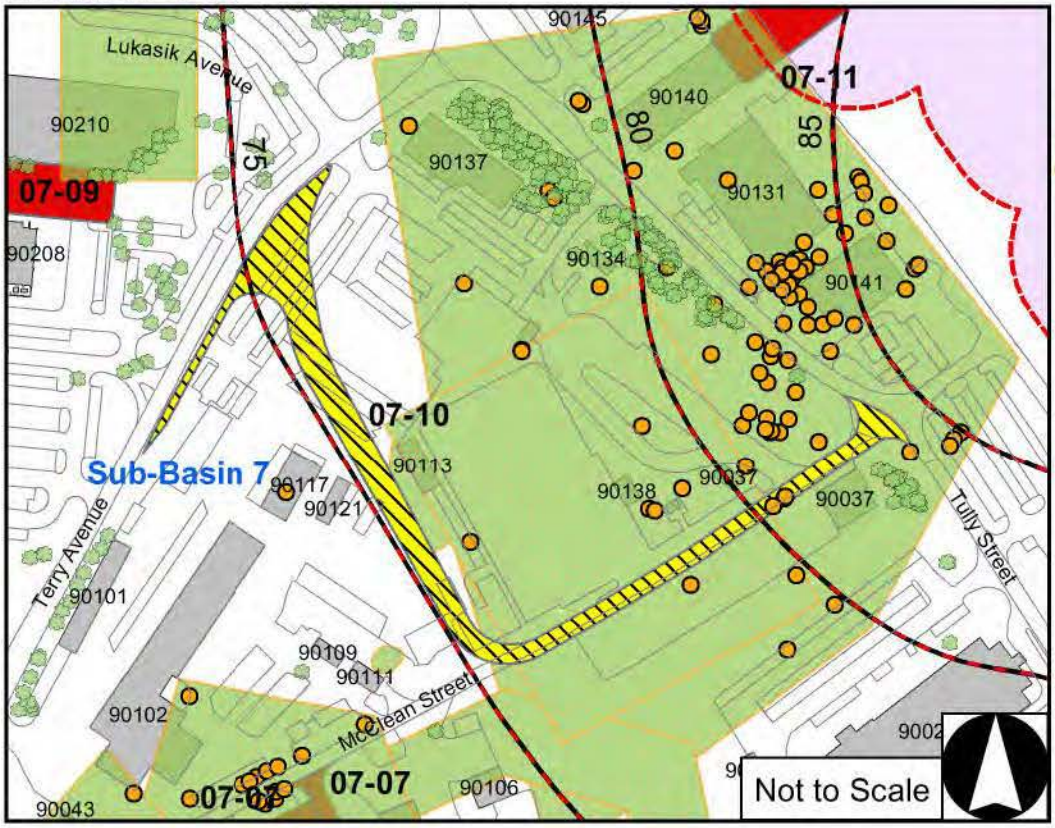
- 07-10B
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Alternative 2



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Base Roadway Improvements	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993011	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	62,519.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	9,140 sq. ft. ST-123- 4,259 sq. ft. SS-122- 1,713 sq. ft. ST-68
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Operations & Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Terry Avenue/ 1-Tully Street

AIR FORCE SPECIAL OPERATIONS COMMAND

ANY TIME ANY PLACE

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

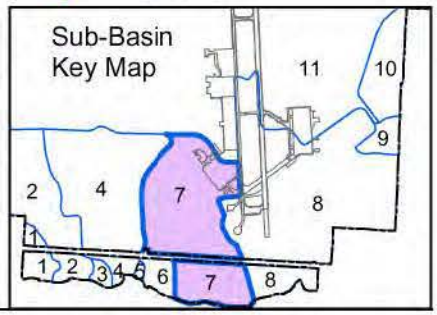
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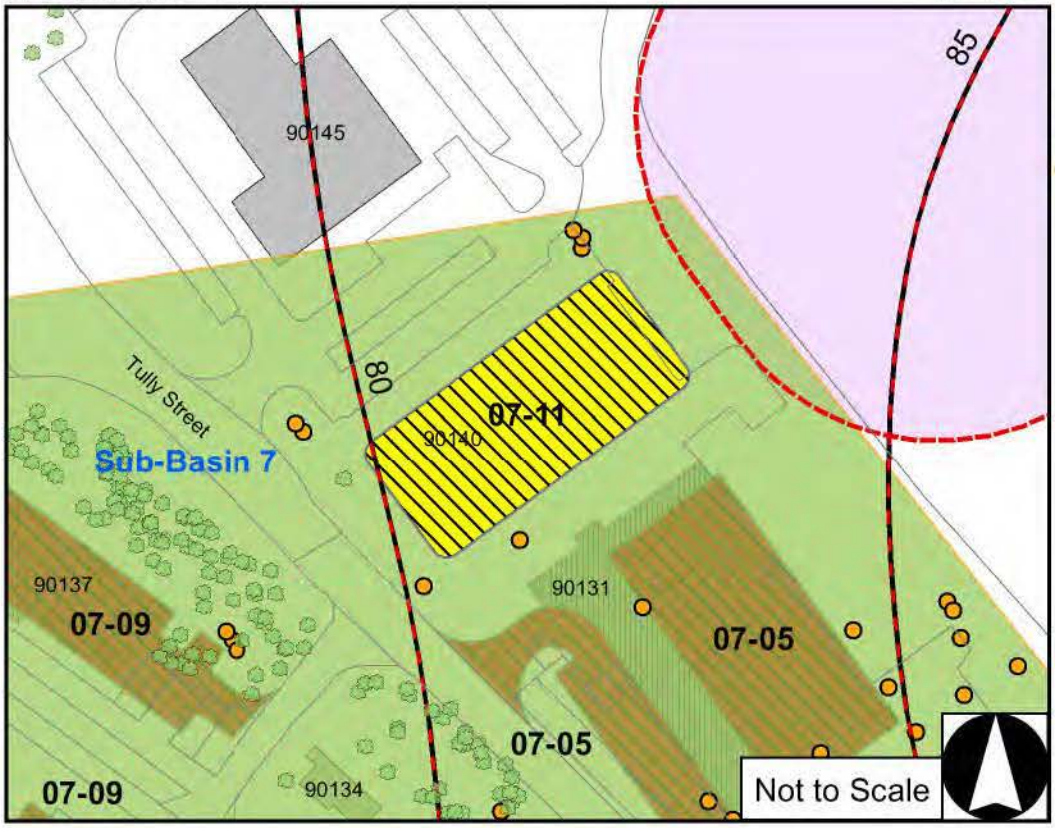
EA Projects- Alternative Sitings

- 07-10
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

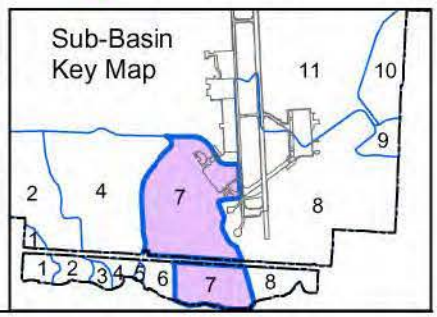
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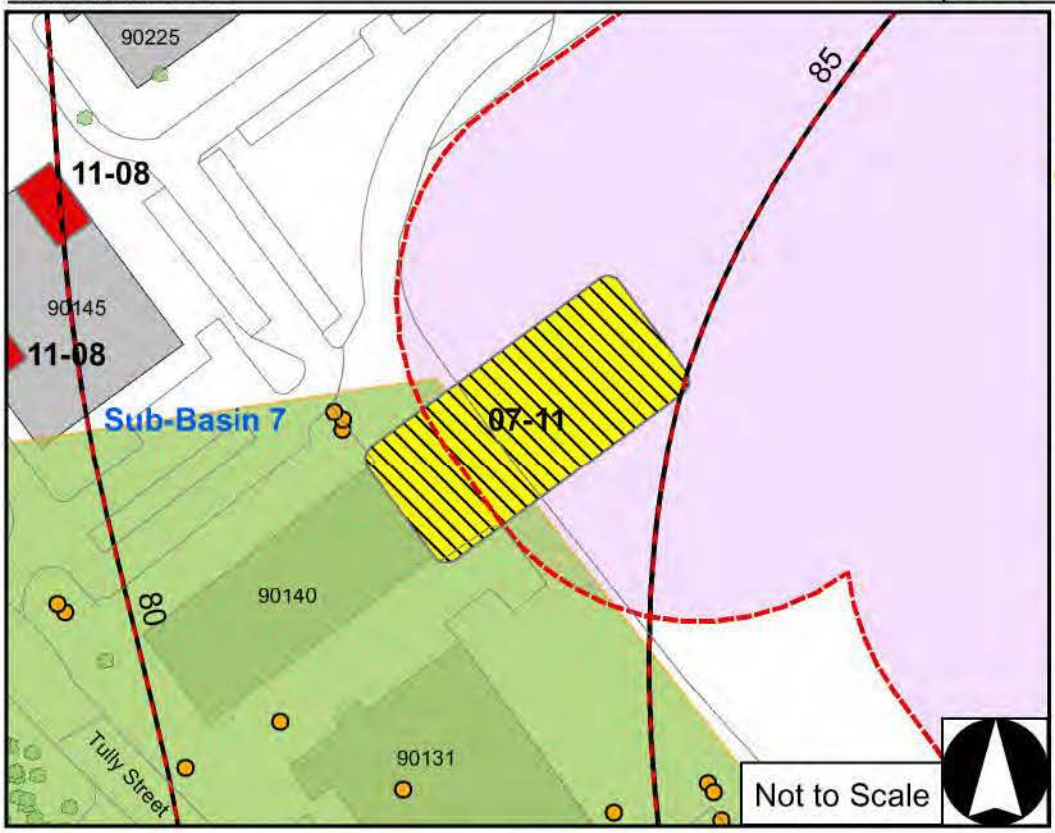
EA Projects
- 07-11
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
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Storm Surge Category
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- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Squadron Operations Facility 6 SOS	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV993033	
Project Type	New	
Demolition Linkage	Building 90140	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	18,716.3	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	18,716.3 sq. ft. ST-123
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

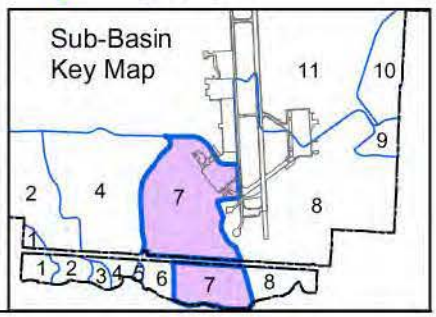
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EA Projects- Alternative Sitings

- 07-11
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
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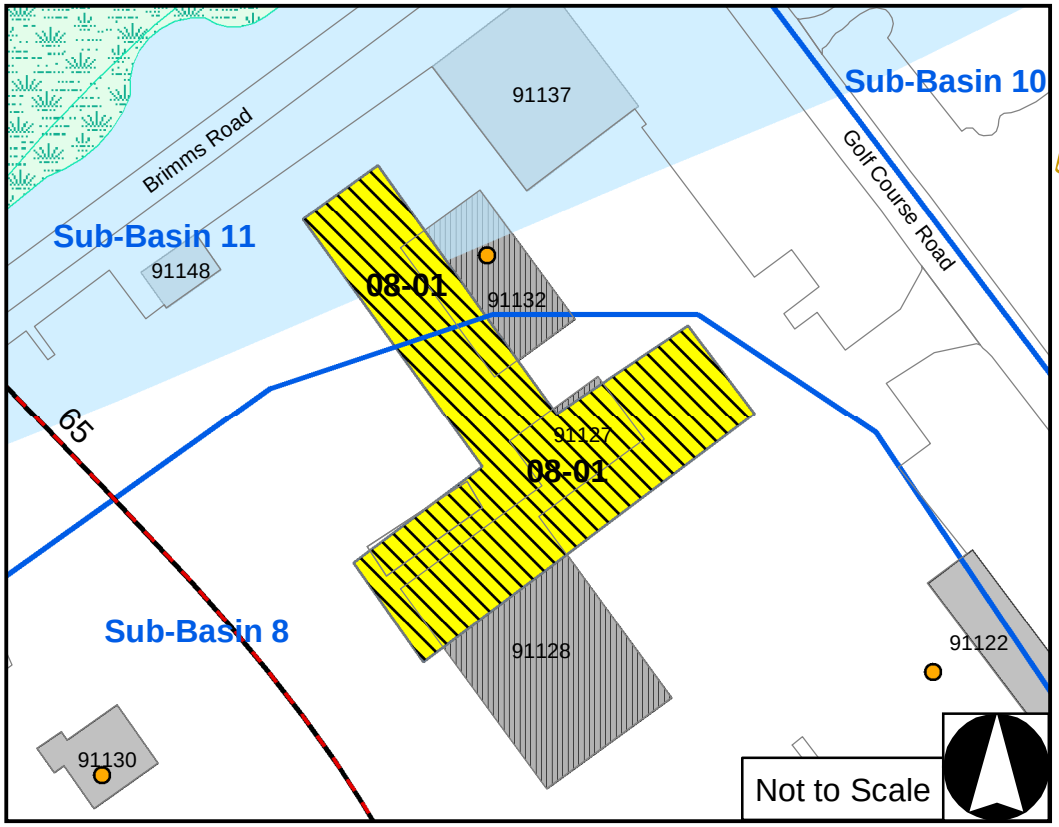
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	07-10	
Project Title	Squadron Operations Facility 6 SOS	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV993033	
Project Type	New	
Demolition Linkage	Building 90140	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	18,716.3	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	6,570 sq. ft. ST-123
Q/D Clear Zone	Source	14,261 sq. ft. Airfield and Aircraft Stand-Off
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

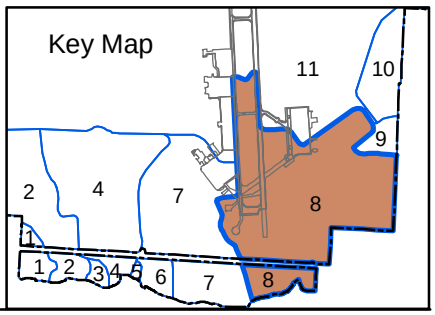


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

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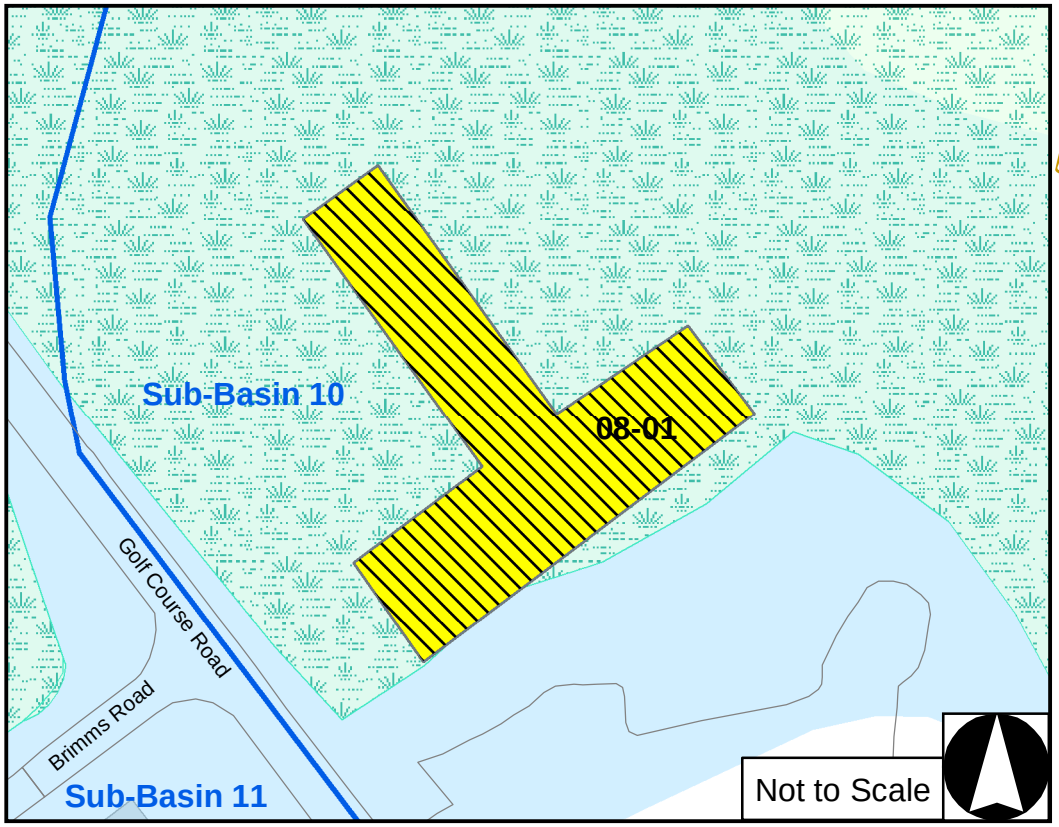
EA Projects
- 08-01
- Other EA Projects
- Installation Boundary
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- AICUZ Noise Contours
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- 100-year Floodplain
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Storm Surge Category
- Category 1
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- Stormwater Ponds
- Monitoring_Wells
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- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-01	
Project Title	RED HORSE Vehicle Maintenance Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV003009	
Project Type	New	
Demolition Linkage	Buildings 91127, 91128 & 91132	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	25,818.8 (SB8), 6,677.5 (SB11)	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	4,167.8 (SB11)
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8 & 11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Brimms Road/ Golf Course Road



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-01	
Project Title	RED HORSE Vehicle Maintenance Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV003009	
Project Type	New	
Demolition Linkage	Buildings 91127, 91128 & 91132	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	32,496.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

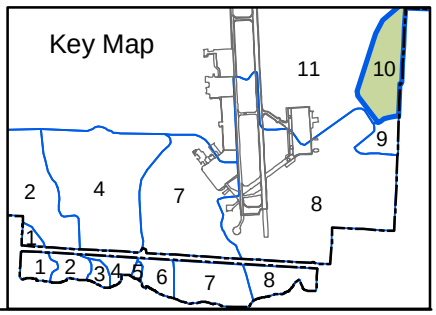
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	32,496.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	32,380.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	10
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Golf Course Road

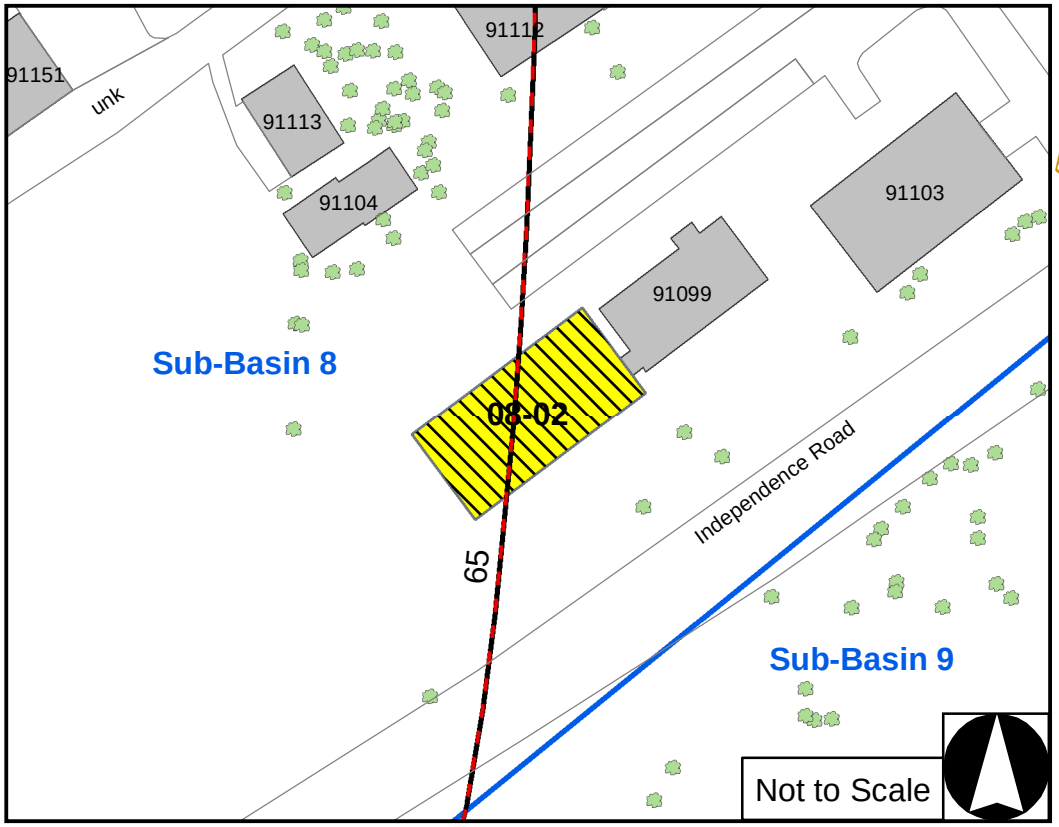
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings
- 08-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
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- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

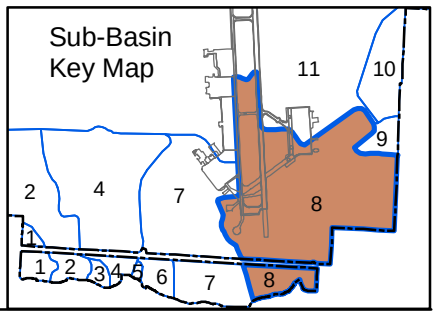
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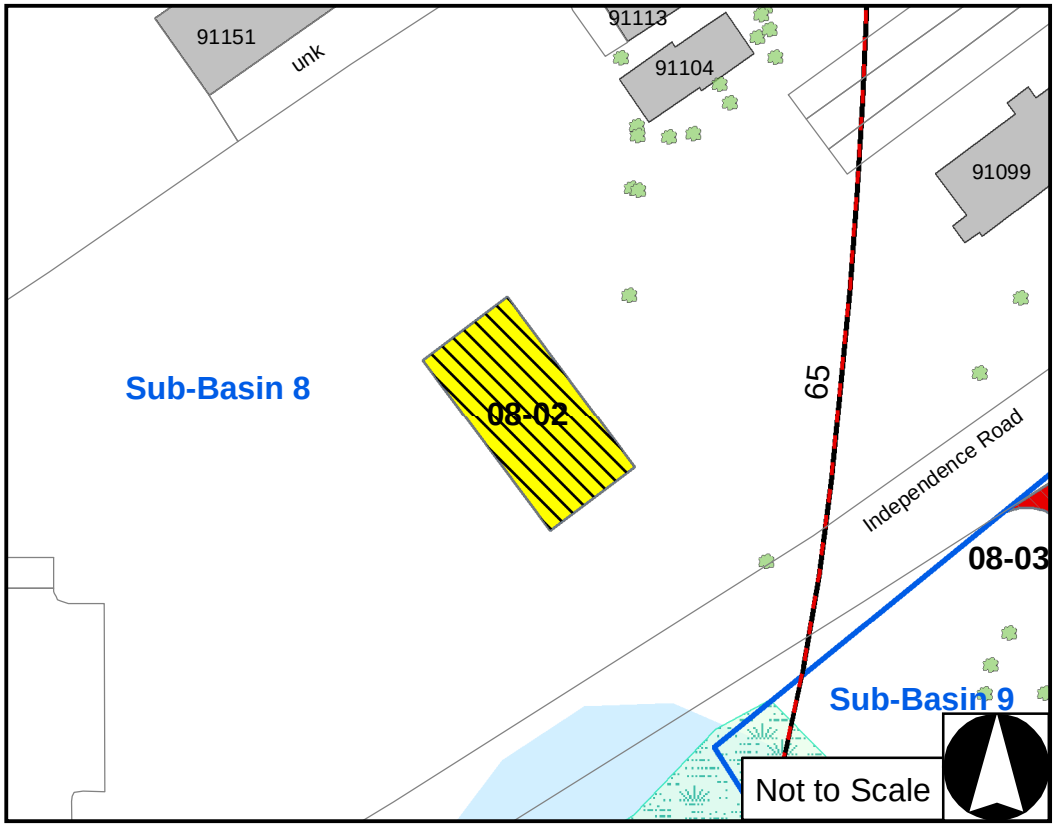
EA Projects
- 08-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-02	
Project Title	RED HORSE Mobility and Training Facility (823 RHS)	
Fiscal Year	FY08	
Funding Source	BA01	
Project Number	FTEV023005	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	9,566.7	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-02	
Project Title	RED HORSE Mobility and Training Facility (823 RHS)	
Fiscal Year	FY08	
Funding Source	BA01	
Project Number	FTEV023005	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	9,566.7	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

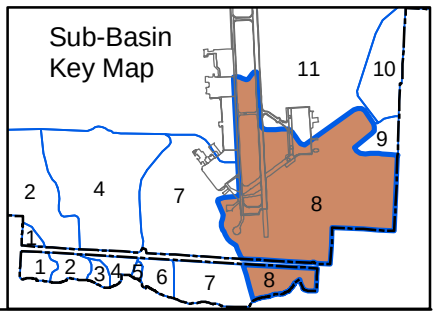
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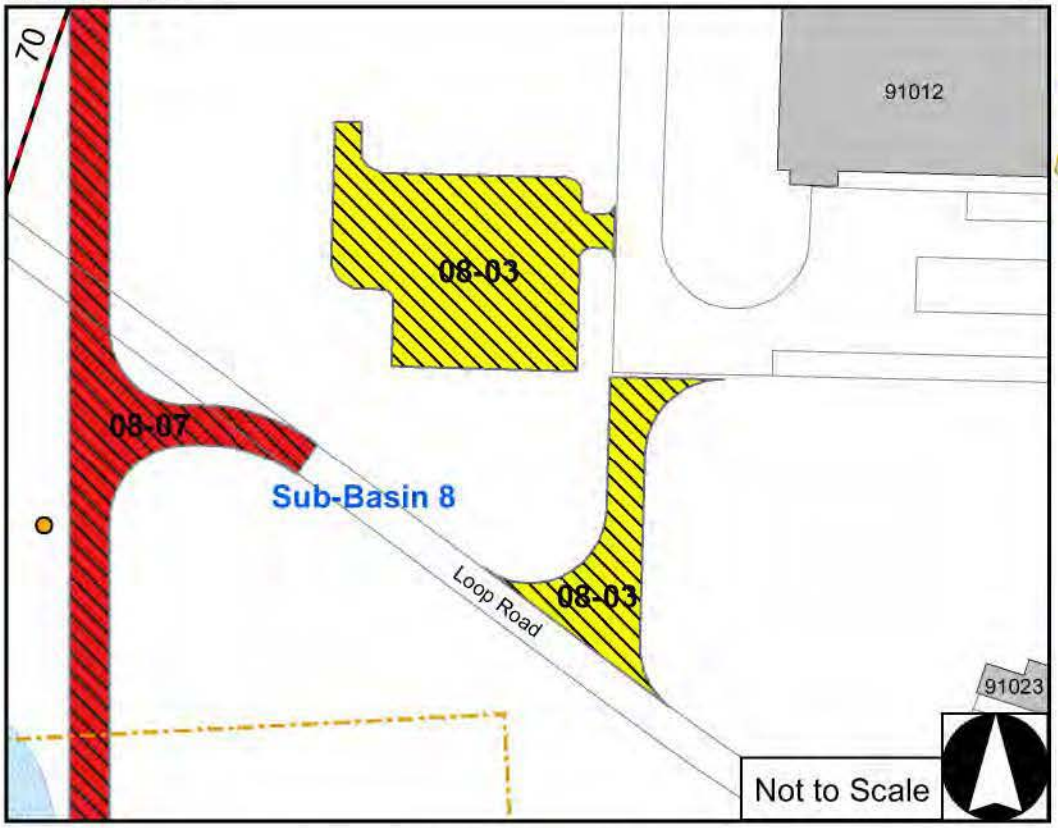
EA Projects- Alternative Sitings

- 08-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
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- 100-year Floodplain
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Storm Surge Category

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Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-03	
Project Title	Shoppette Facility, East Side	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV005004	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	19,328.0	
Square Footage of Parking Lot or Roadway Improvement	7,344.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Loop Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

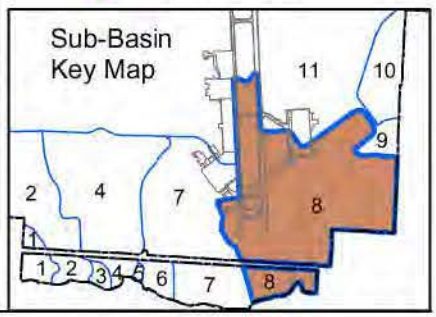
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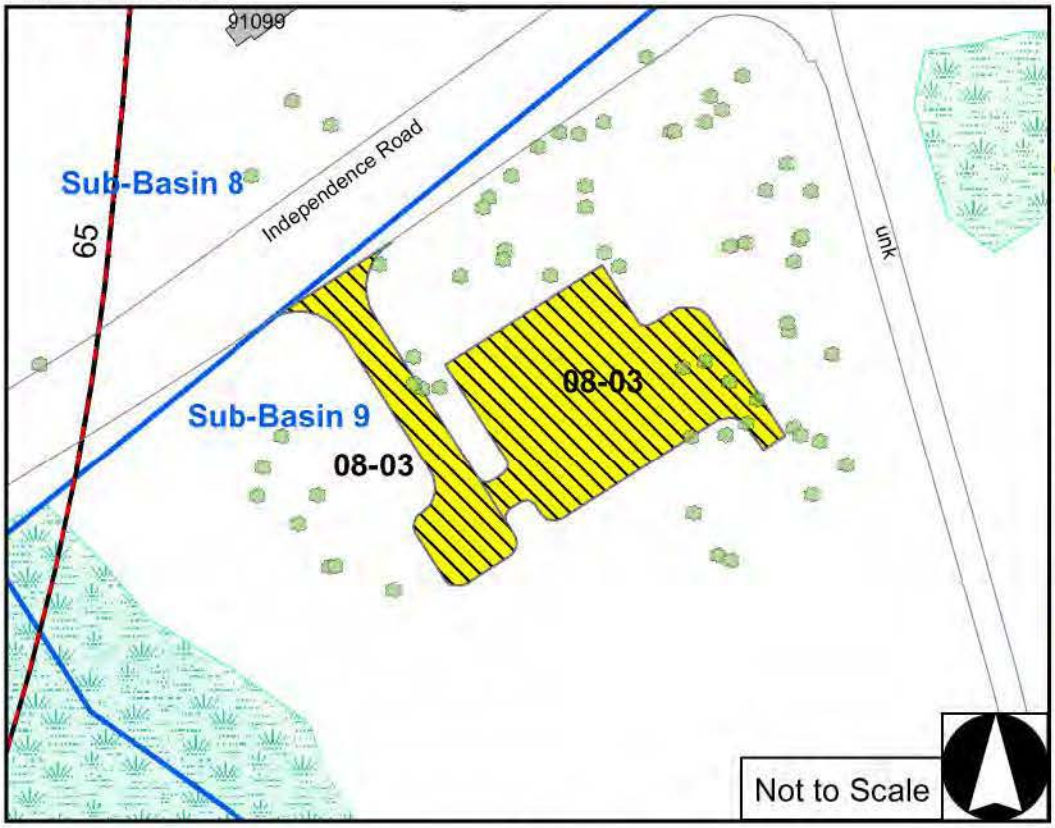
EA Projects

- 08-03
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-03	
Project Title	Shoppette Facility, East Side	
Fiscal Year	FY10	
Funding Source	NAF	
Project Number	FTEV005004	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	19,328.0	
Square Footage of Parking Lot or Roadway Improvement	7,283.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	7
Surface Water Sub-Basin	Sub-basin number	9
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Independence Road

AIR FORCE SPECIAL OPERATIONS COMMAND

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

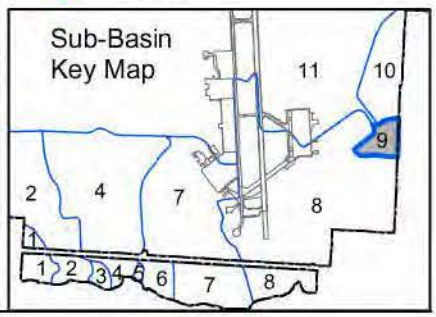
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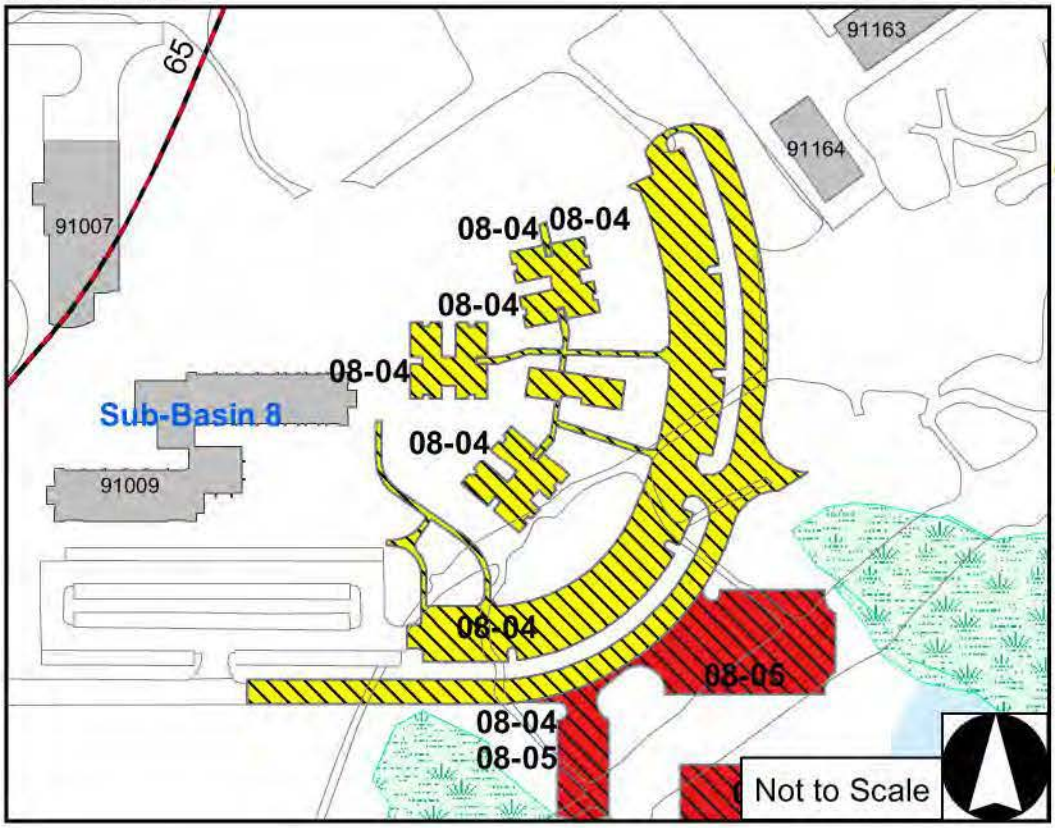
EA Projects- Alternative Sitings

- 08-03
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-04	
Project Title	Construct Eastside Dormitory (144 Person)	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993013	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	20,501.0	
Square Footage of Parking Lot or Roadway Improvement	78,379.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Loop Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

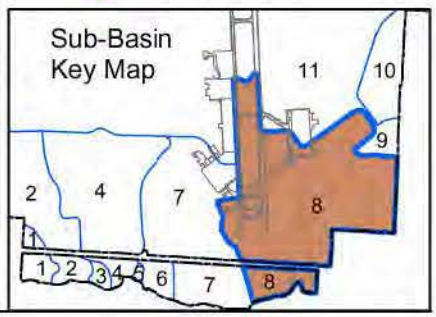
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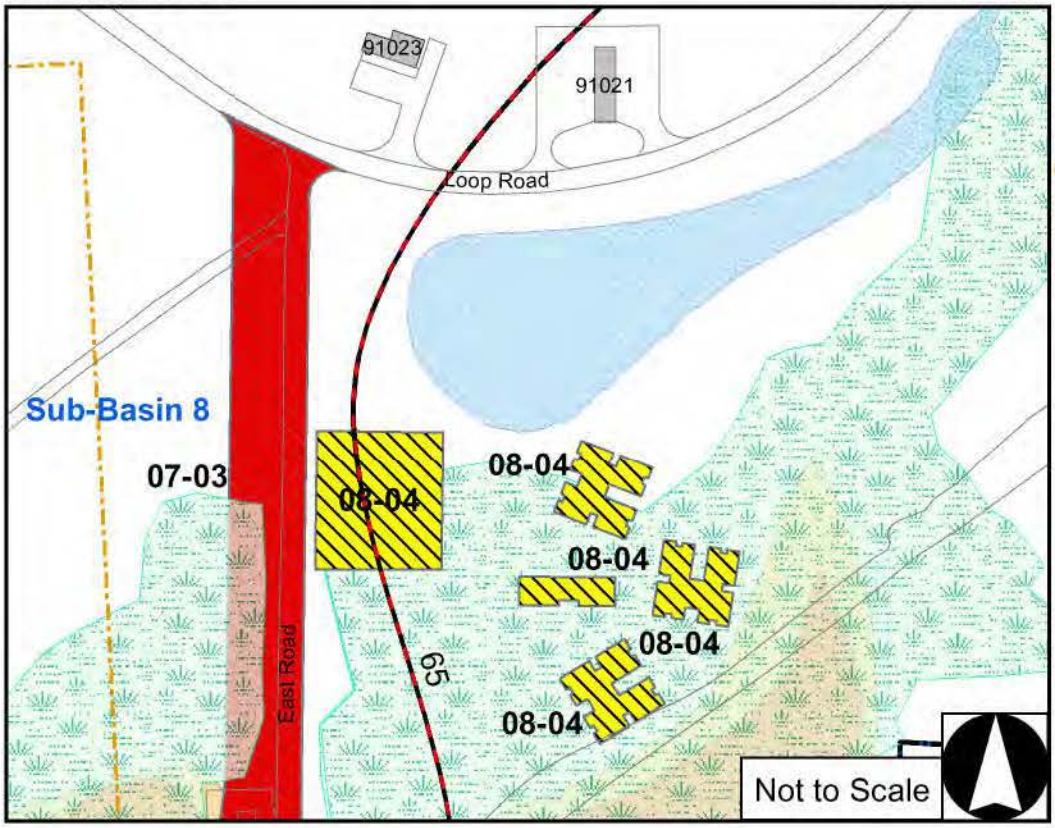
EA Projects

- 08-04
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

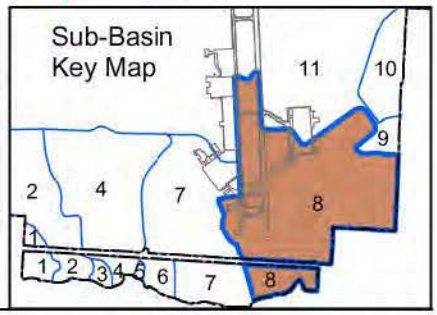
- 08-04
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

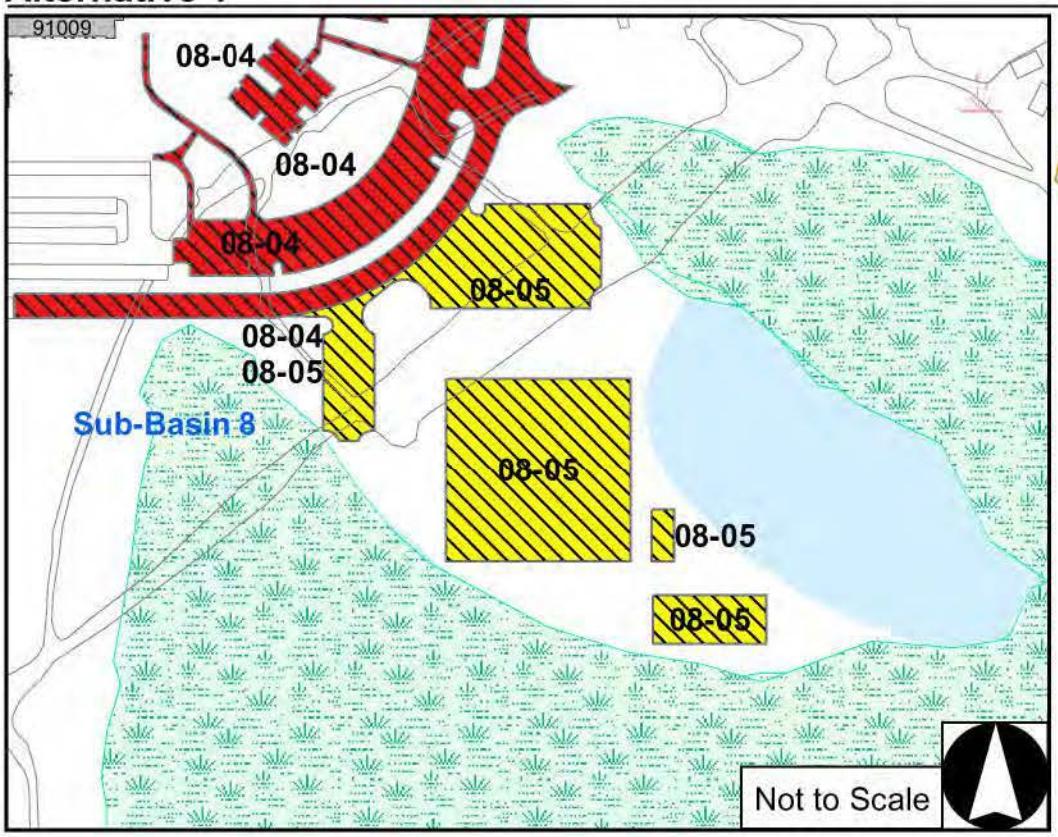
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-04	
Project Title	Construct Eastside Dormitory (144 Person)	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV993013	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	20,501.0	
Square Footage of Parking Lot or Roadway Improvement	20,638.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	29,894.2
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- East Road





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

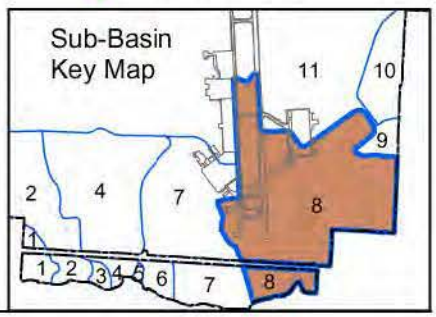
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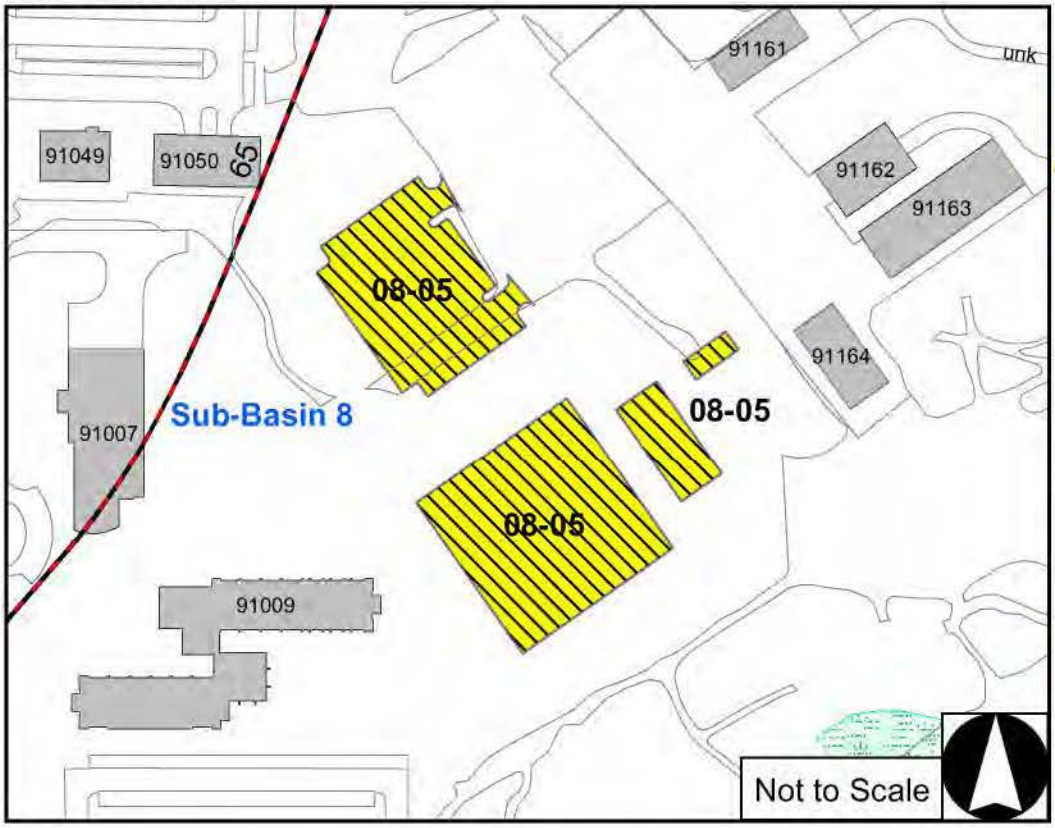
EA Projects
- 08-05
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-05	
Project Title	East side Fitness Center	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV003023	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	47,858.4	
Square Footage of Parking Lot or Roadway Improvement	28,256.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-New Road Project #99-3013





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

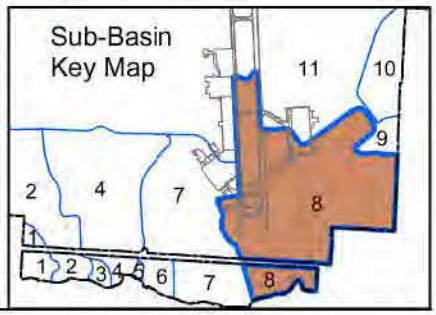
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EA Projects- Alternative Sitings

- 08-05
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

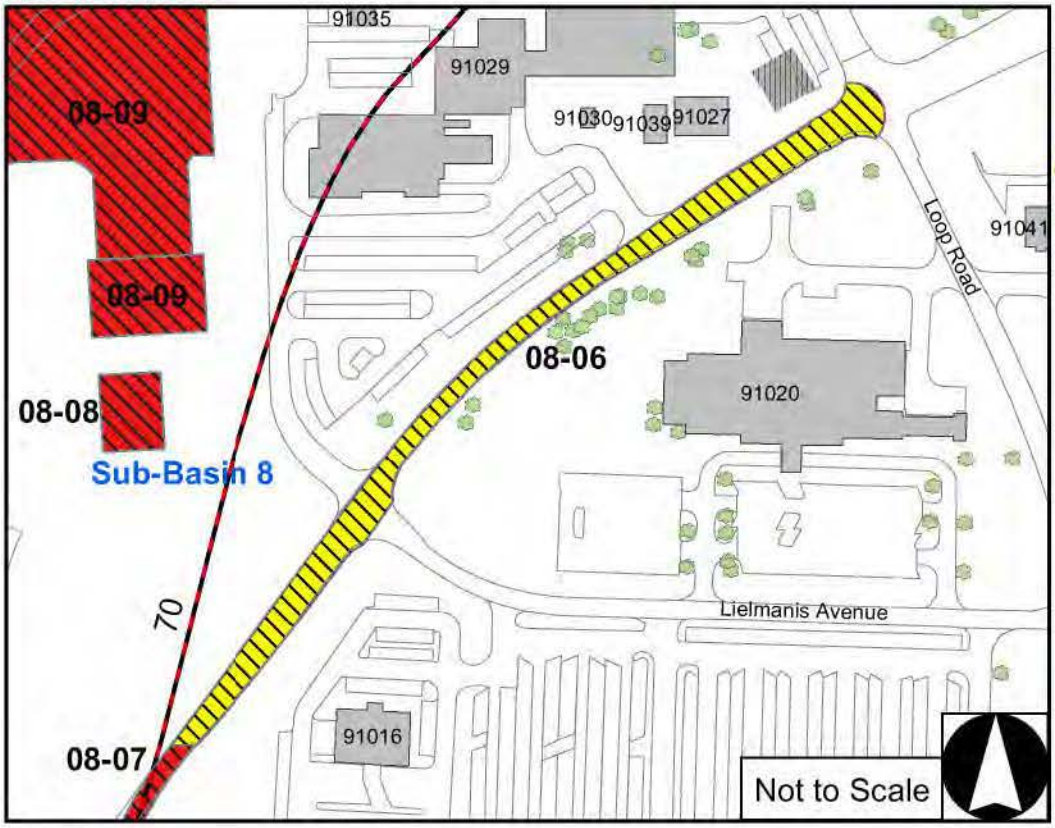
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-05	
Project Title	Eastside Fitness Center	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV003023	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	47,858.4	
Square Footage of Parking Lot or Roadway Improvement	29,899.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Commercial/ Unaccompanied Housing
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Loop Road

Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-06	
Project Title	Widen Independence Road	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV033013	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	42,307.2	

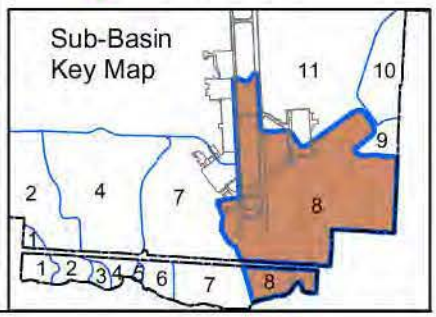
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Medical/Open Space/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road/ 1- Loop Road

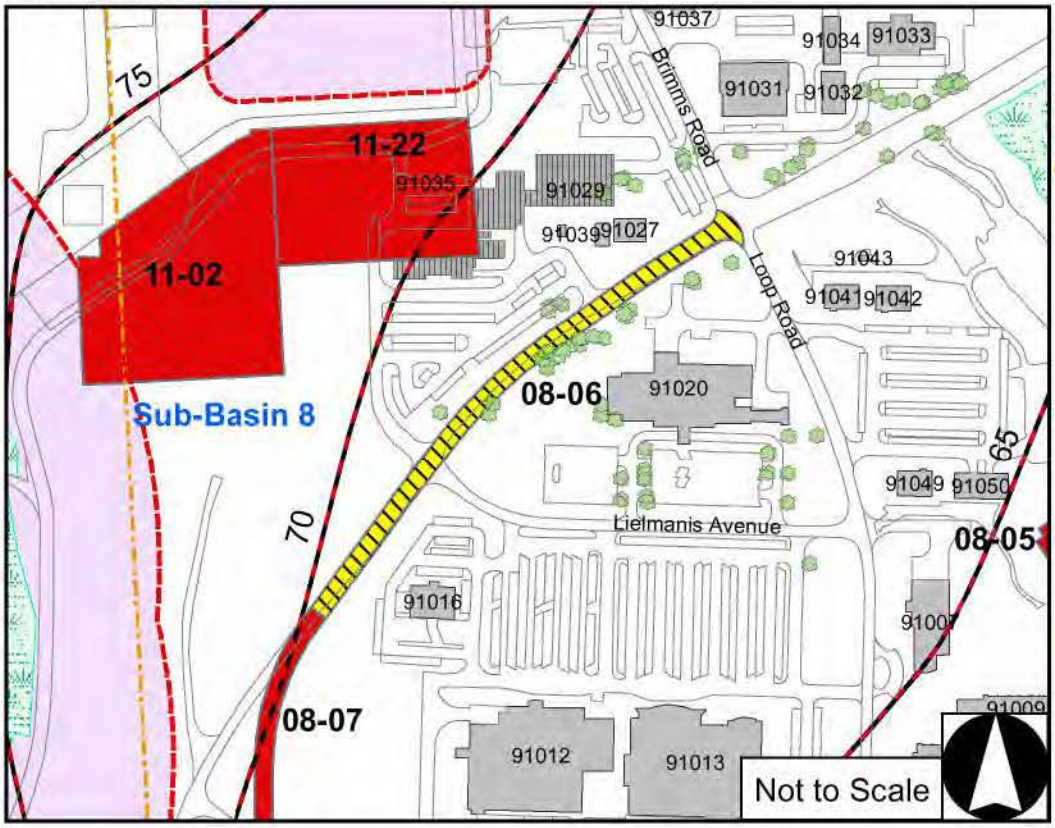
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 08-06
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-06	
Project Title	Widen Independence Road	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV033013	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	51,589.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	10
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road/ 1- Loop Road

AIR FORCE SPECIAL OPERATIONS COMMAND

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

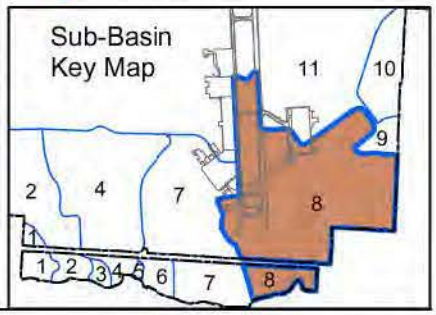
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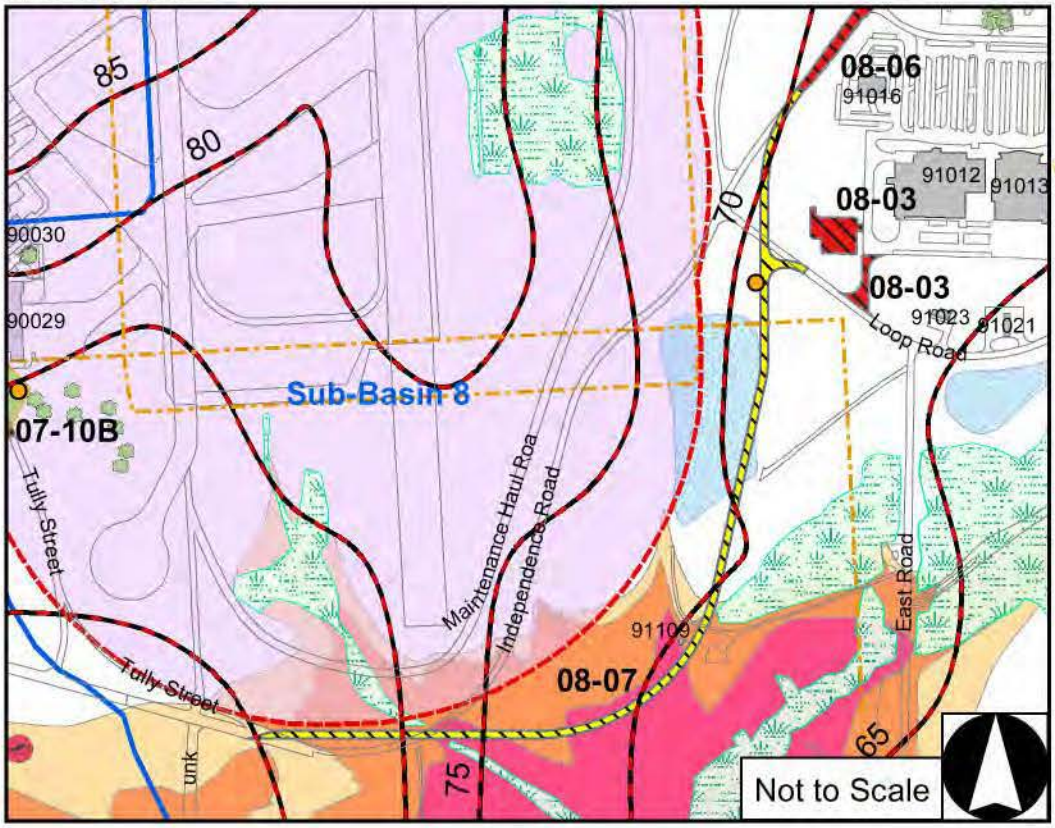
EA Projects- Alternative Sitings

- 08-06
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

Legend

EA Projects

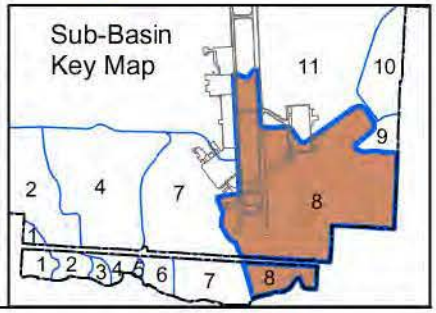
- 08-07
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

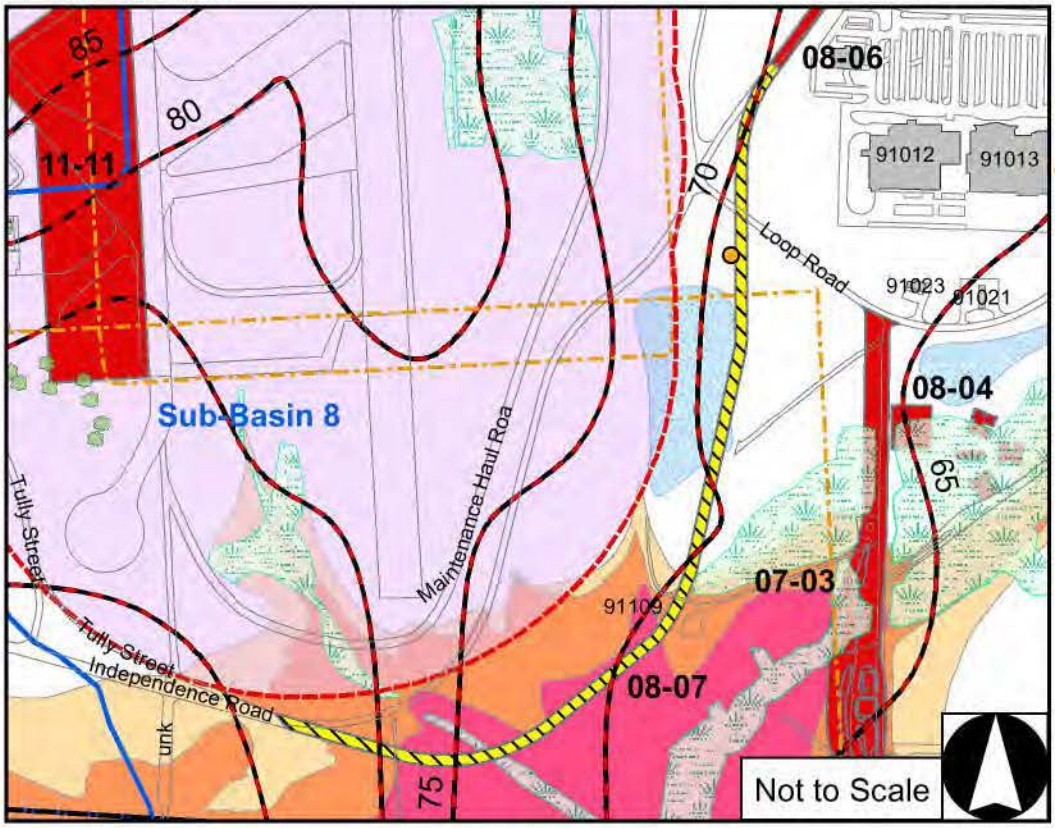
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-07	
Project Title	AFLD Waiver, Alter Independence Road	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV033018	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	97,810.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (18,642), (43,139.7), (46,137.4) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road/ Loop Road 1



Alternative 2



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-07	
Project Title	AFLD Waiver, Alter Independence Road	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV033018	
Project Type	Improvement	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	140,622.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	1,555.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	Category 3, 4, 5- (39,750), (62,687), (67,887) sq.ft.
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road/ Loop Road 1

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

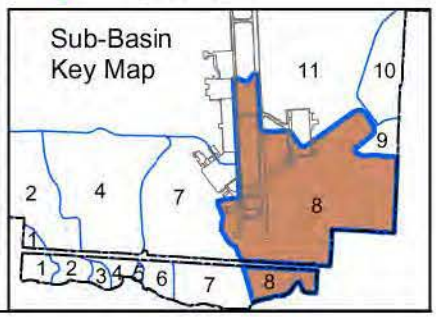
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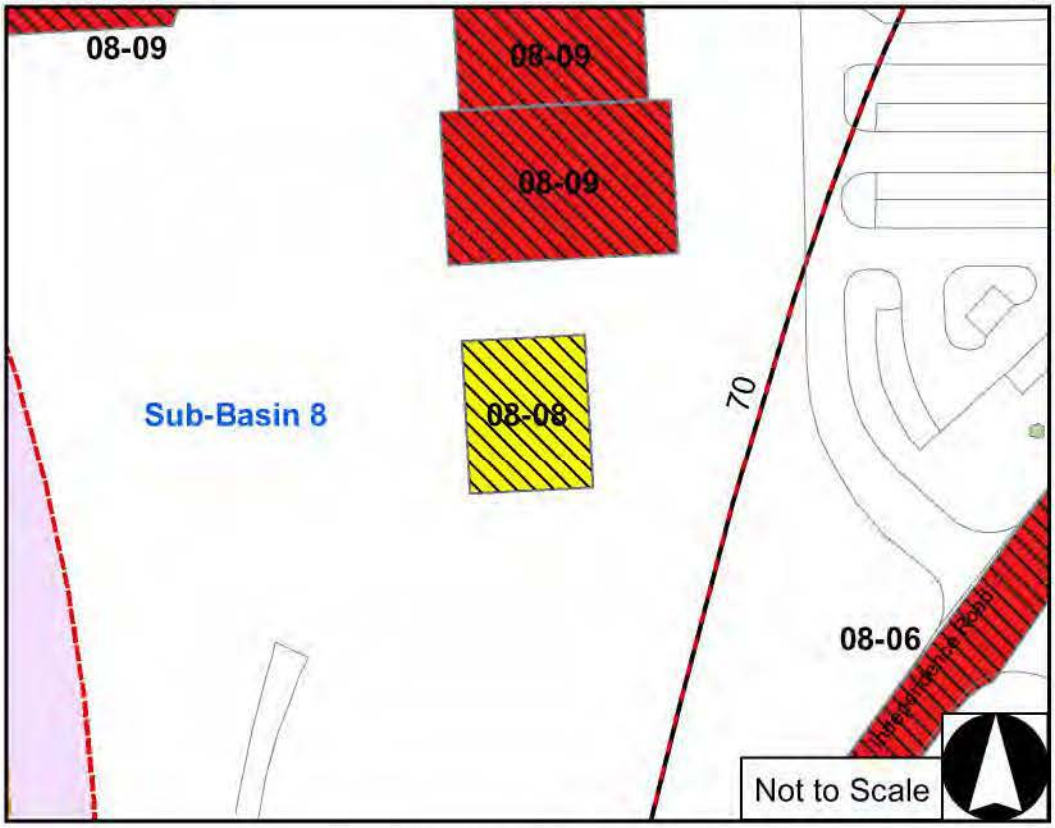
EA Projects- Alternative Sitings

- 08-07
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-08	
Project Title	SOF UAV Squadron Operations Facility	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043011	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	8,000.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Independence Road

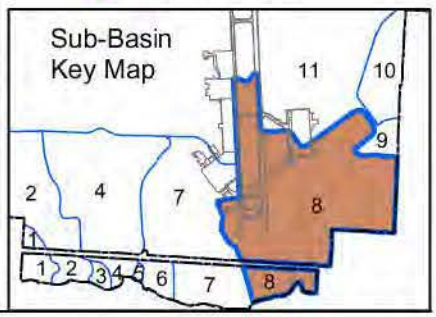
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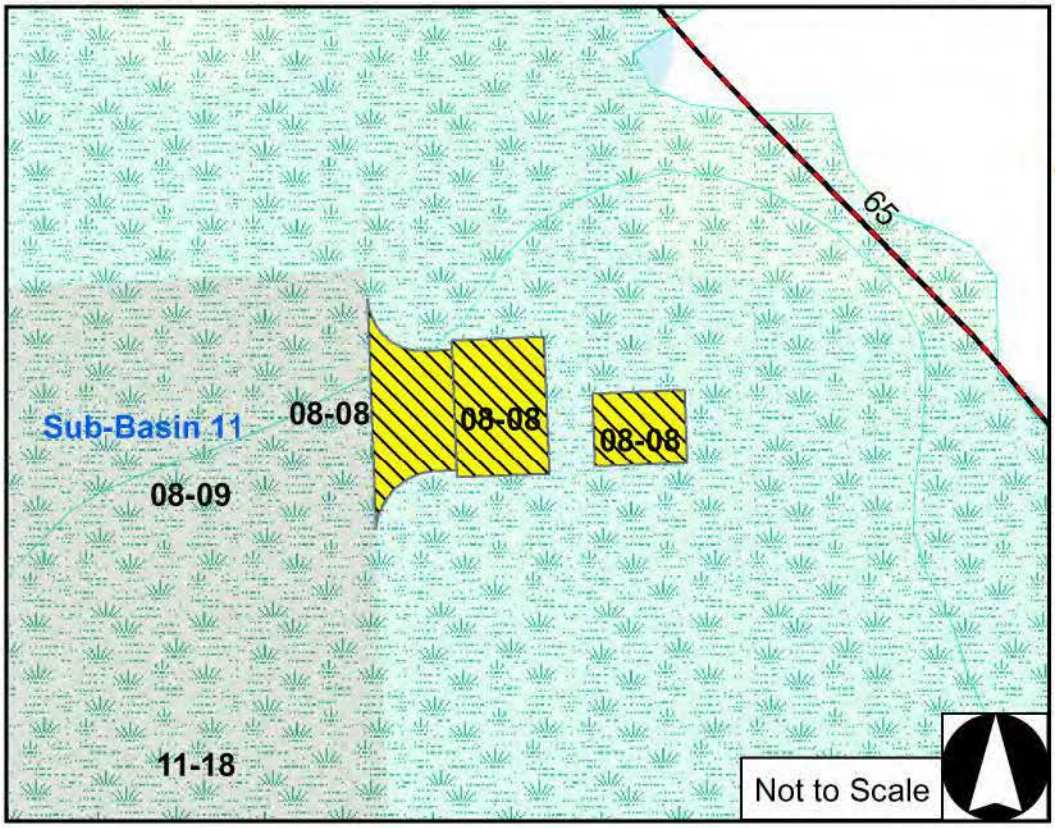
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 08-08
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

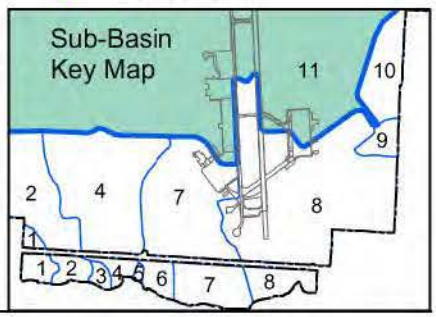
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EA Projects- Alternative Sitings

- 08-08
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

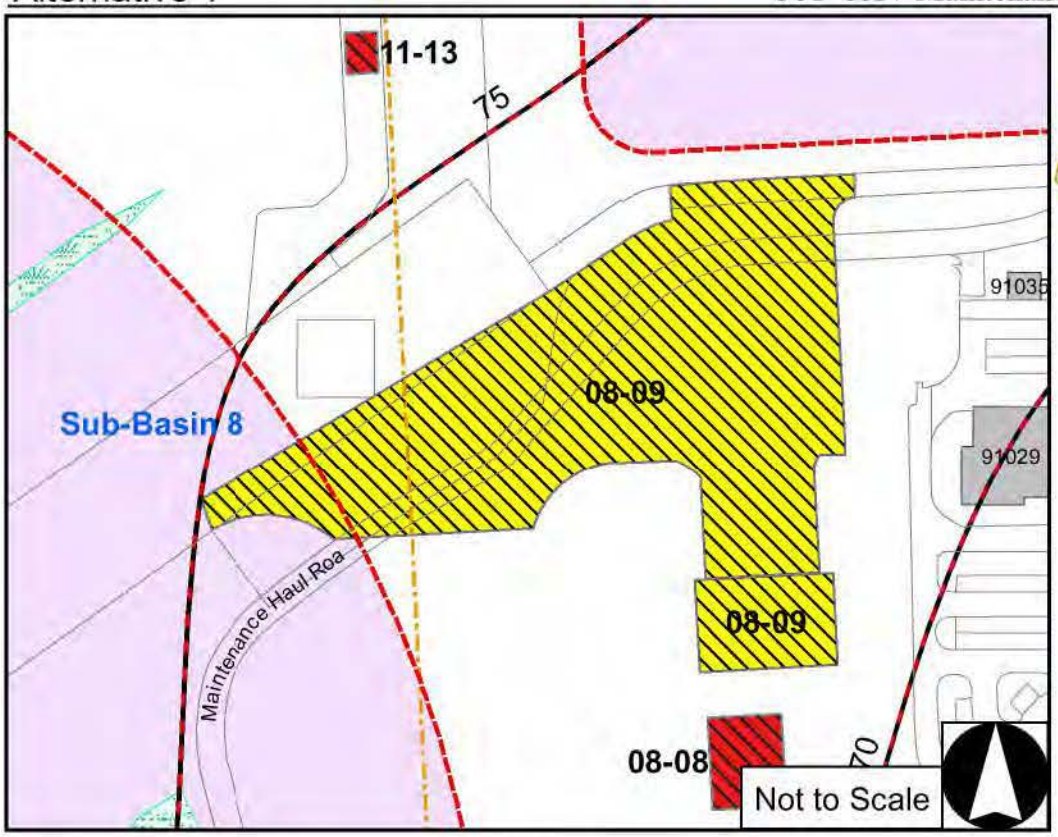
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-08	
Project Title	SOF UAV Squadron Operations Facility	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043011	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	23,000.0	
Square Footage of Parking Lot or Roadway Improvement	13,586.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	23,000.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	36,496.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	New Aircraft parking Apron- Project # 08-09



Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-09	
Project Title	SOF UAV Maintenance Hangar/Parking Apron	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043012	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	15,000.0	
Square Footage of Parking Lot or Roadway Improvement	157,523.2	

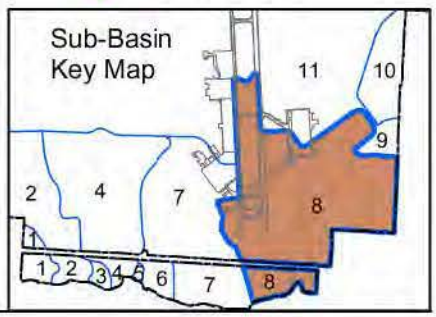
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	Airfield Stand-Off: 8,815.9 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Maintenance Haul Road

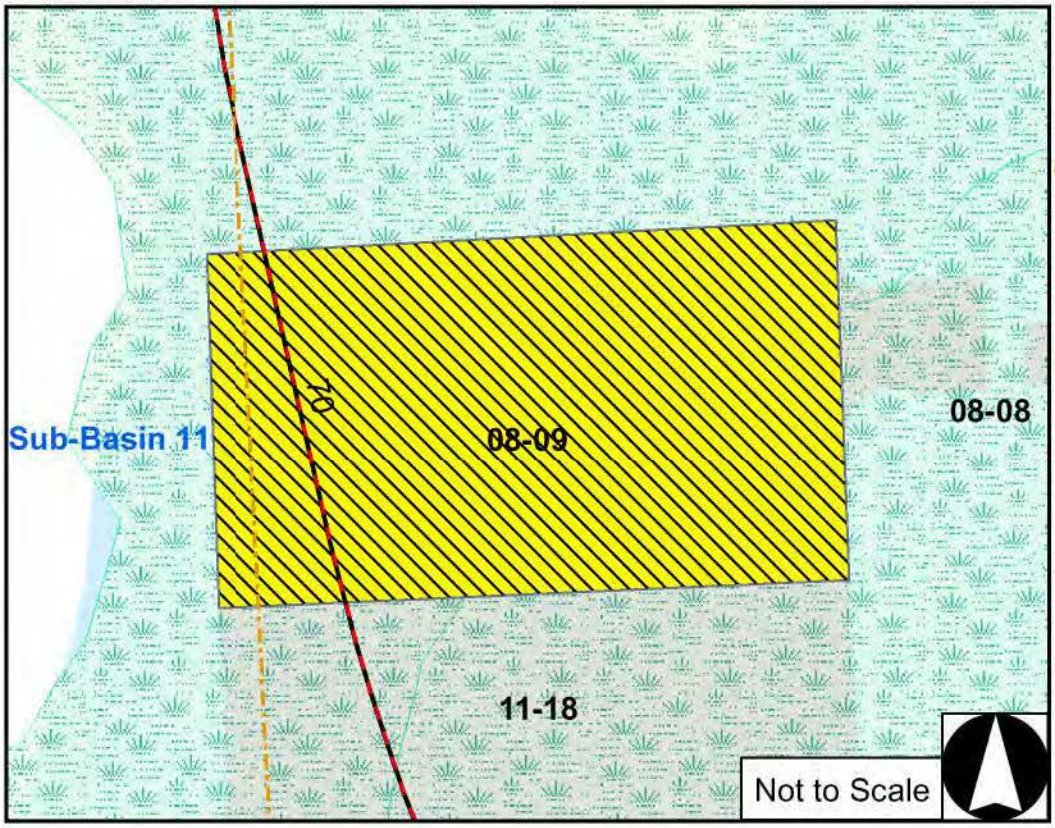
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 08-09
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	08-09	
Project Title	SOF UAV Maintenance Hangar/Parking Apron	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043012	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	15,000.0	
Square Footage of Parking Lot or Roadway Improvement	368,605.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	383,605.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	383,605.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Maintenance Haul Road

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

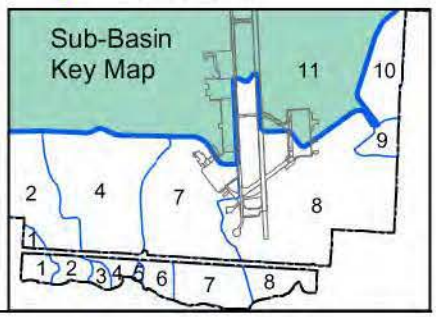
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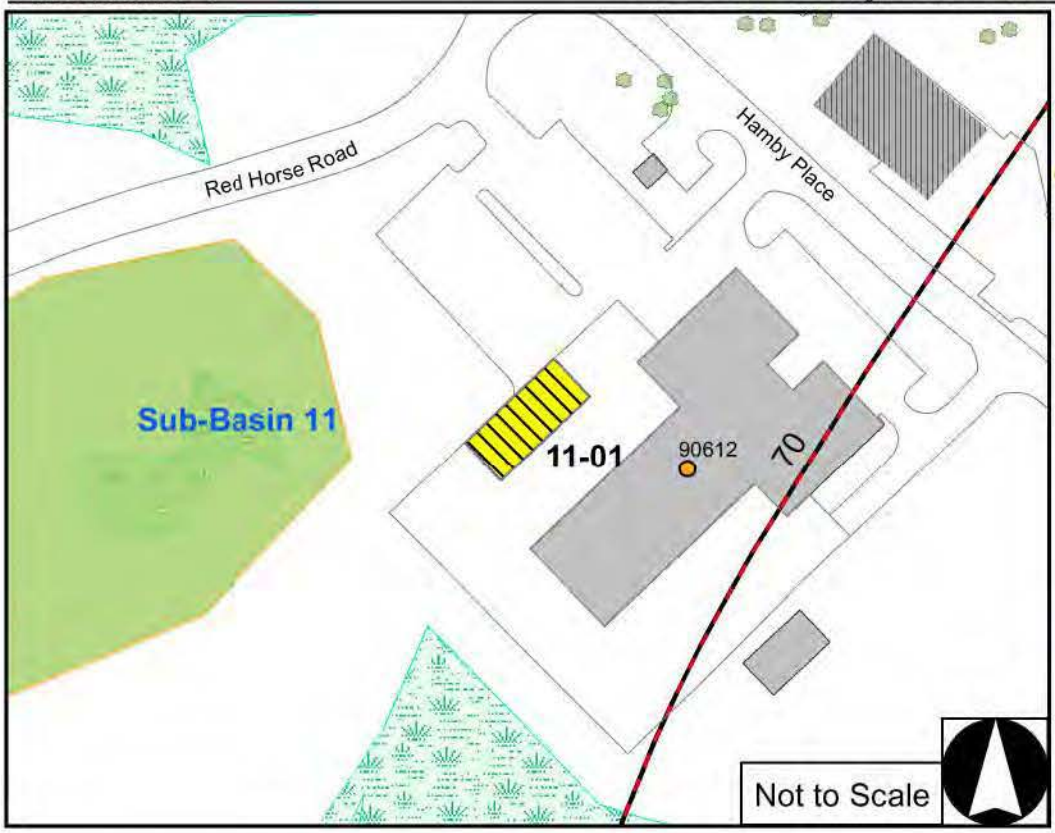
EA Projects- Alternative Sitings

- 08-09
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
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- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
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Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

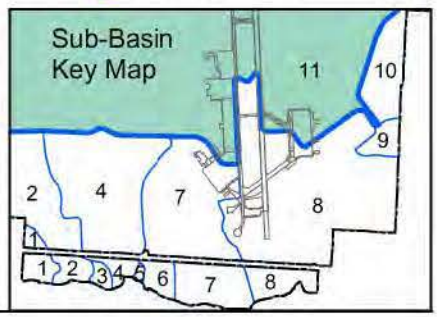
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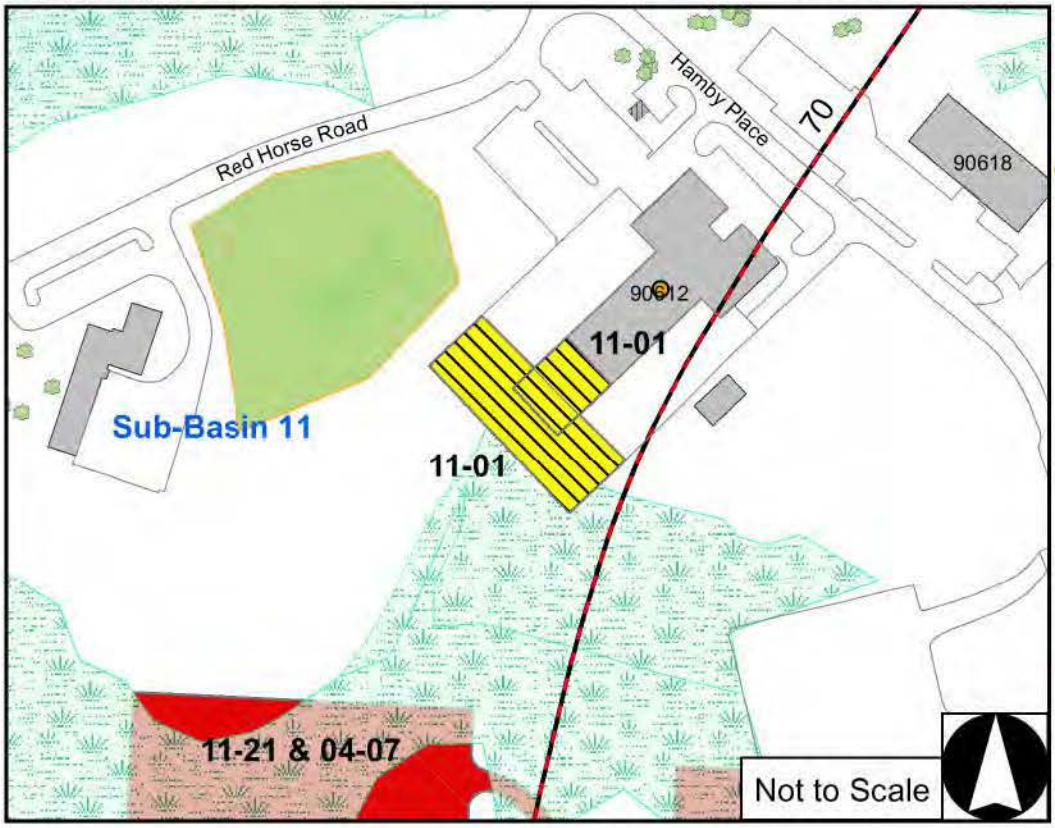
EA Projects
- 11-01
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
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Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-01	
Project Title	Construct Workbays at Auto Hobby Shop, Building 90612	
Fiscal Year	FY05	
Funding Source	NAF	
Project Number	FTEV045002	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	2,720.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Hamby Place





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

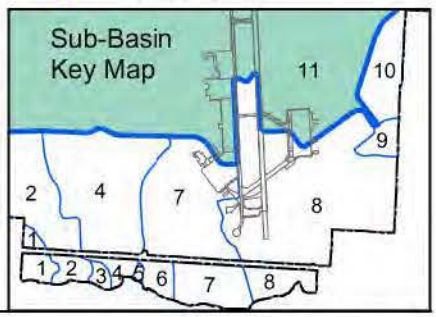
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EA Projects- Alternative Sitings

- 11-01
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
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- Sub-Basins

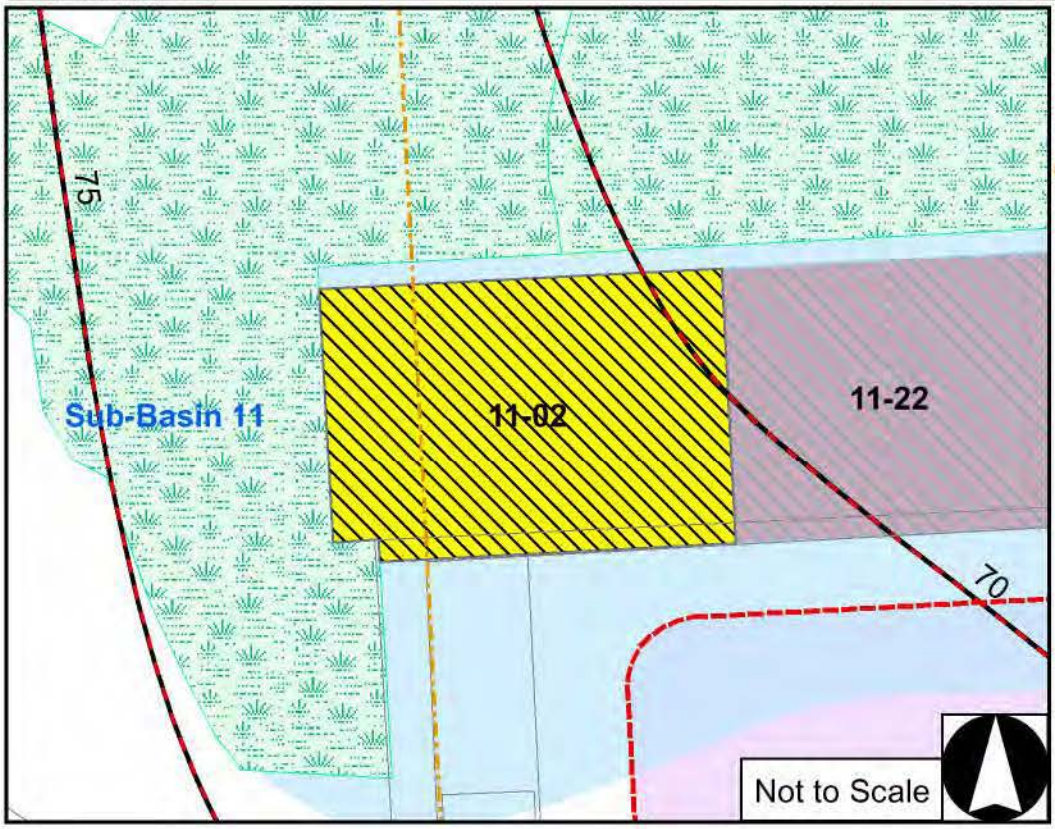
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-01	
Project Title	Construct Workbays at Auto Hobby Shop, Building 90612	
Fiscal Year	FY05	
Funding Source	NAF	
Project Number	FTEV045002	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	5,624.0	
Square Footage of Parking Lot or Roadway Improvement	15,676.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	6,605.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Community Commercial/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Hamby Place



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-02	
Project Title	Fill/Clear Wetlands, Helicopter Landing Pad	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV03-1049	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	130,078.6	

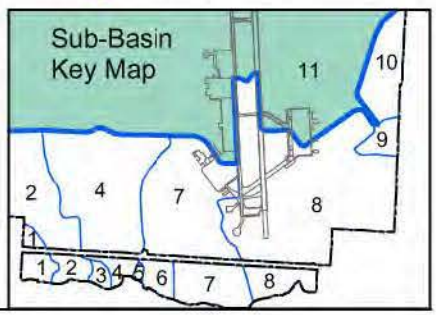
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	130,078.6
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	136,388.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Air Safety Zone/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None

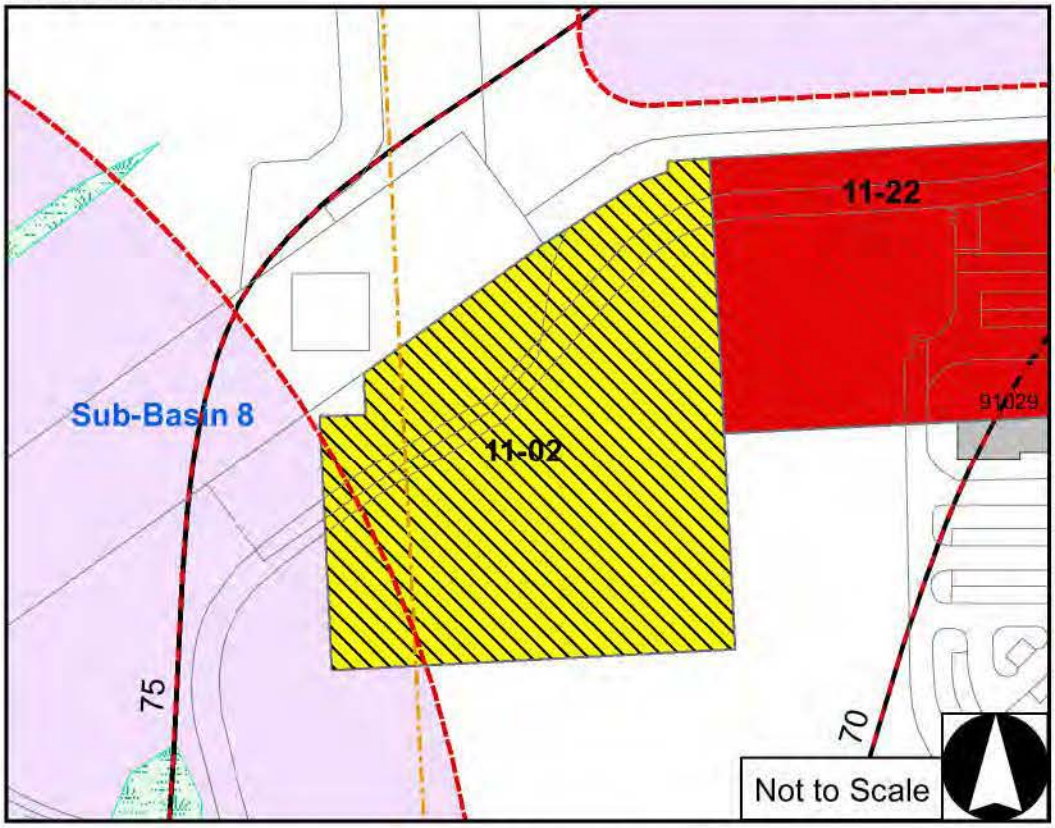
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-02
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

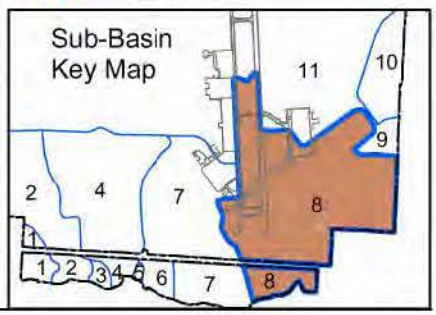
Legend

EA Projects- Alternative Sitings

- 11-02
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

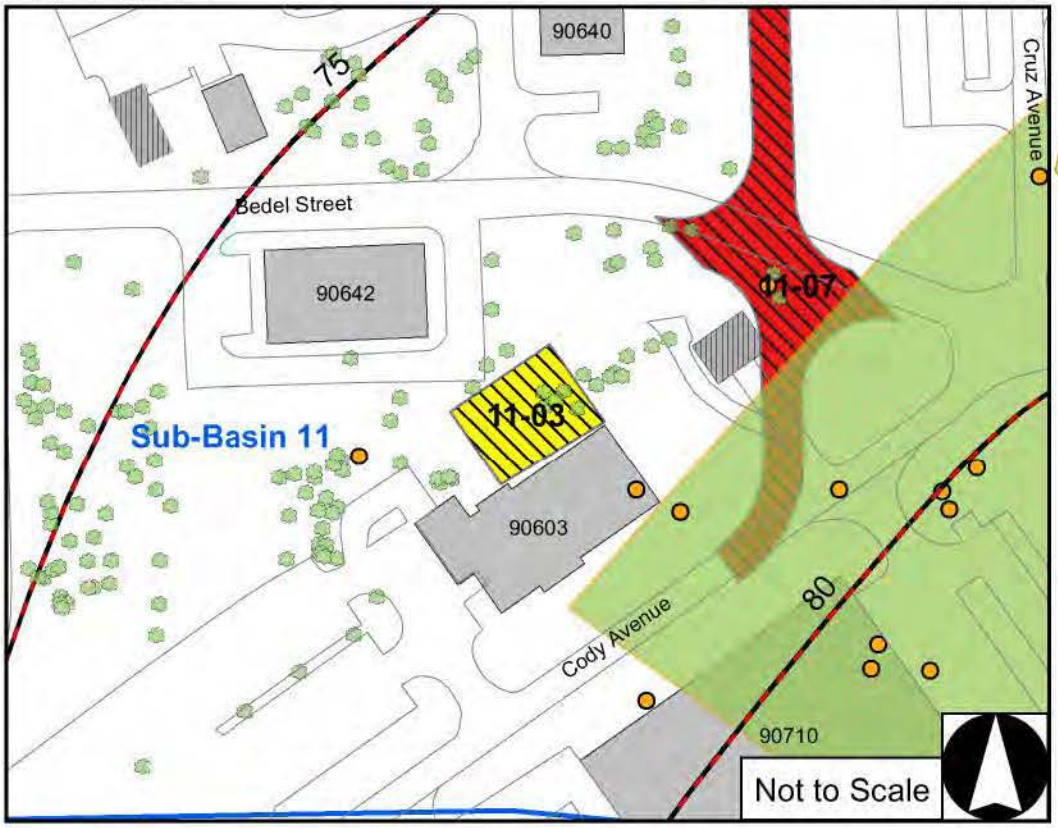
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-02	
Project Title	Fill/Clear Wetlands, Helicopter Landing Pad	
Fiscal Year	FY06	
Funding Source	BA01	
Project Number	FTEV03-1049	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	130,078.6	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	Airfield and Aircraft Stand-off- 14,442 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Air Safety Zone/ Airfield/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Maintenance Haul Road



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

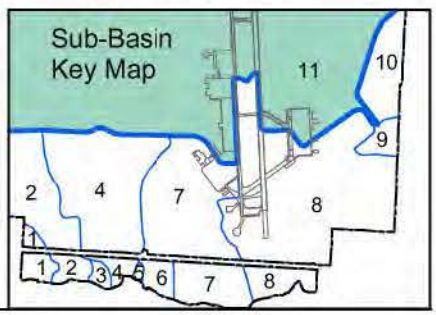
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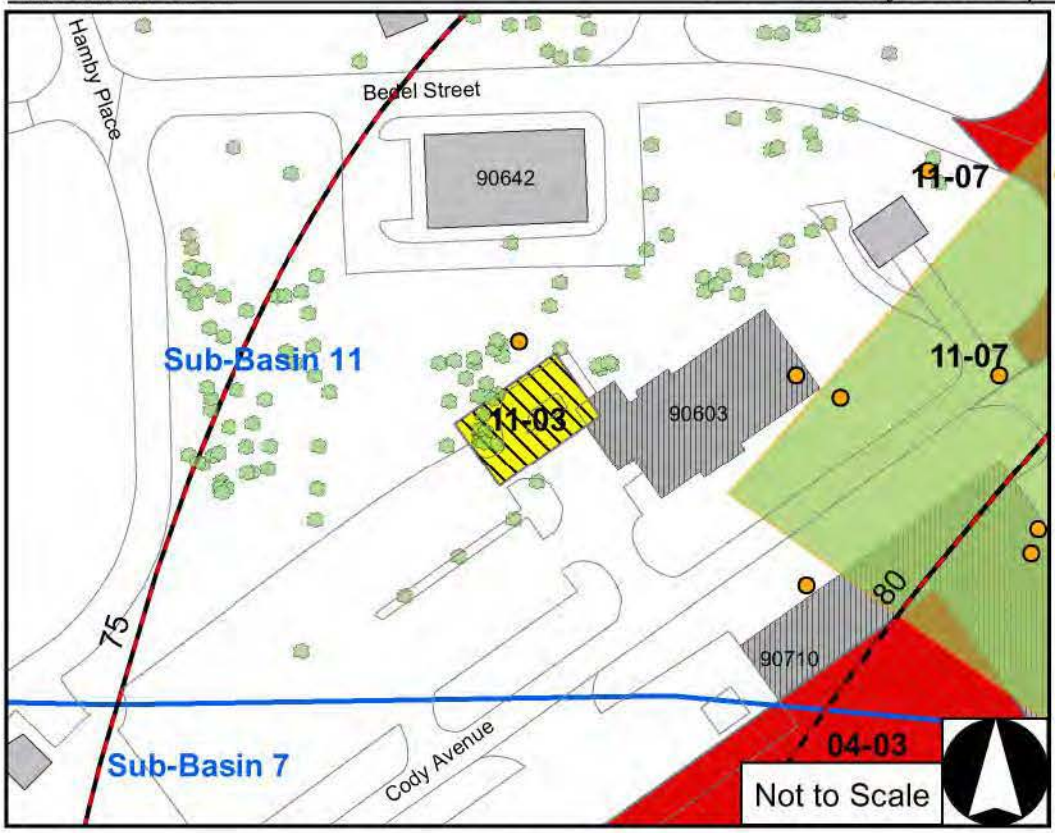
EA Projects
- 11-03
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-03	
Project Title	ADAL Security Forces Operations (Current Mission)	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV943001	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	4,698.8	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	6
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Cody Avenue





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-03	
Project Title	ADAL Security Forces Operations (Current Mission)	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV943001	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	4,000.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	8
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Cody Avenue

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

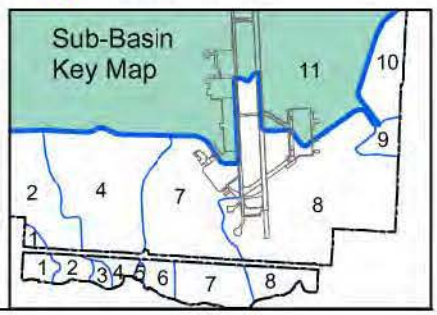
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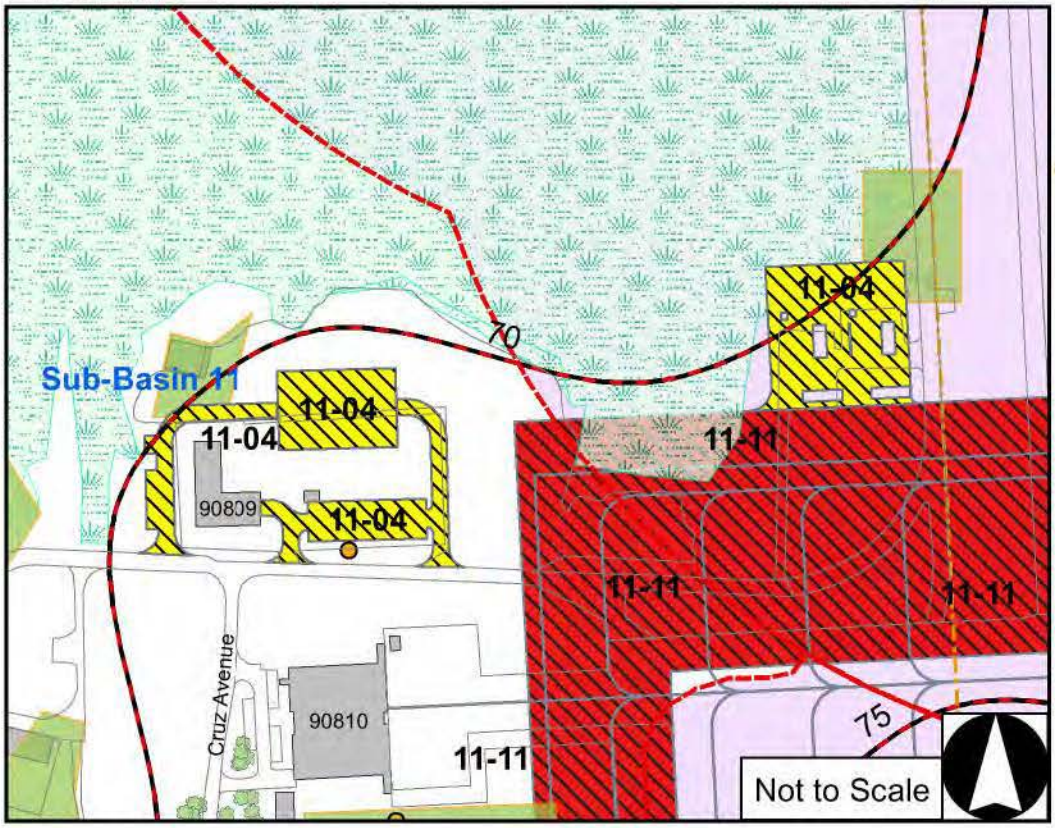
EA Projects- Alternative Sitings

- 11-03
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



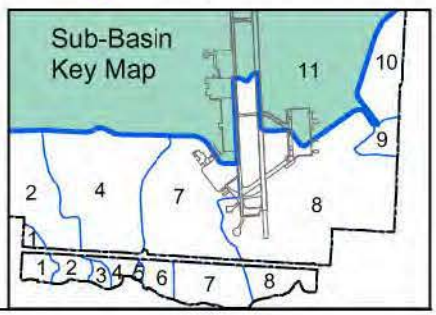


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

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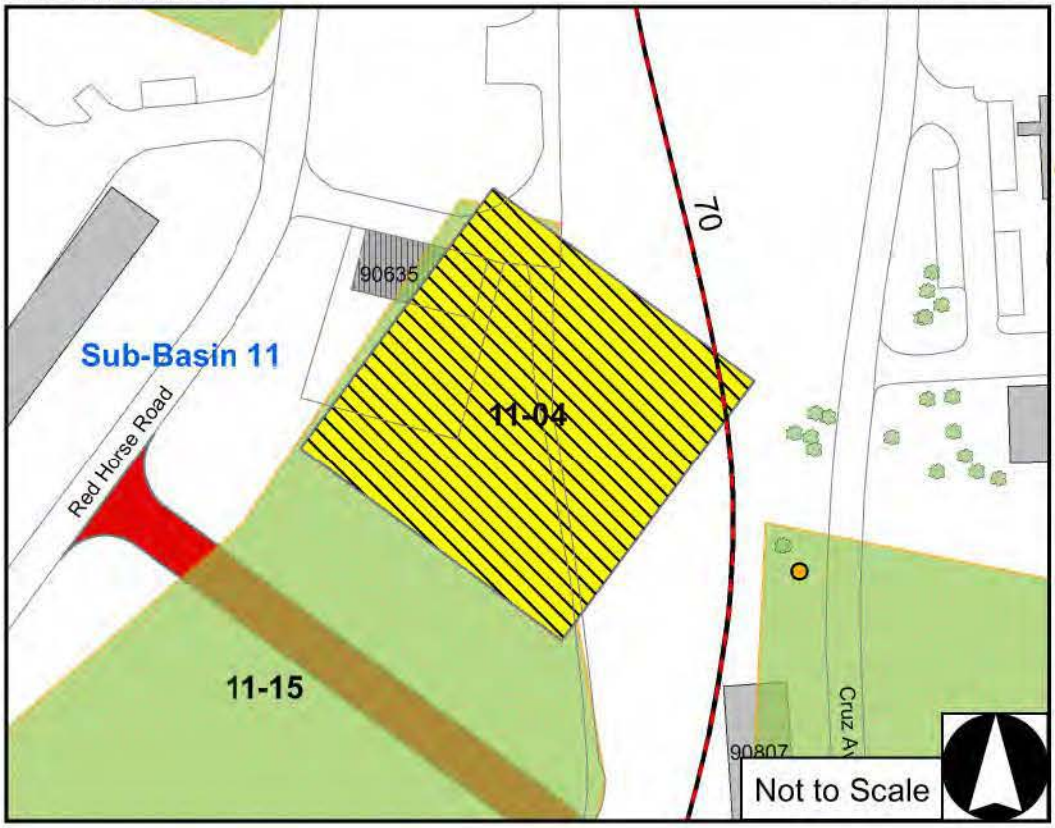
EA Projects
- 11-04
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-04	
Project Title	SOF Engine Maintenance and Storage Shop	
Fiscal Year	FY07	
Funding Source	MFP-11	
Project Number	FTEV973006	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	21,600.0	
Square Footage of Parking Lot or Roadway Improvement	75,329.4	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	6,755.6
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	5,048.3 sq. ft. SS-130 & 132
Q/D Clear Zone	Source	1,250 ft Stand-Off- 41,814.2 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	3-Red Horse Road



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

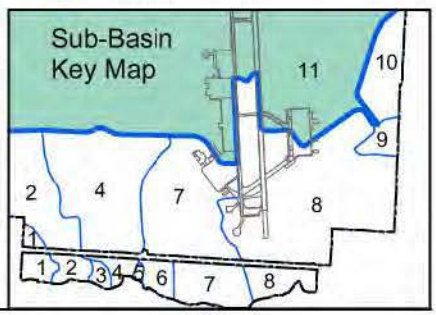
- 11-04
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

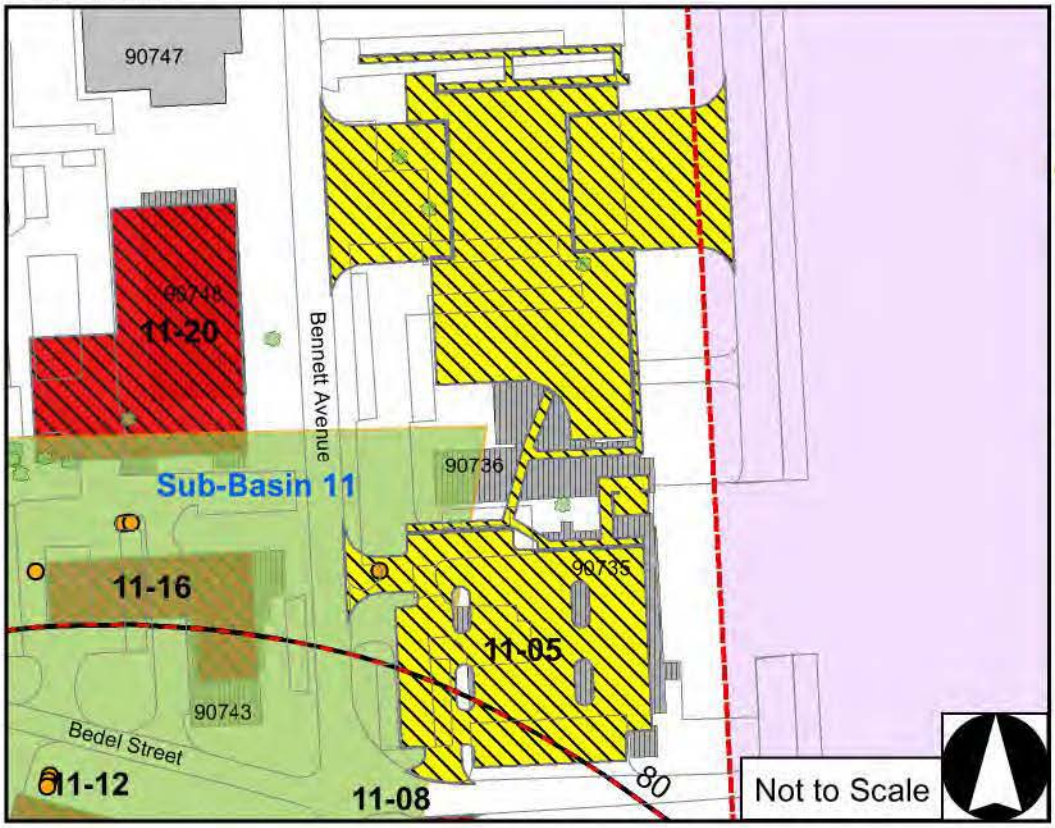
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-04	
Project Title	SOF Engine Maintenance and Storage Shop	
Fiscal Year	FY07	
Funding Source	MFP-11	
Project Number	FTEV973006	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	44,521.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	26,508 sq. ft. LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	New Road- Project # 11-15



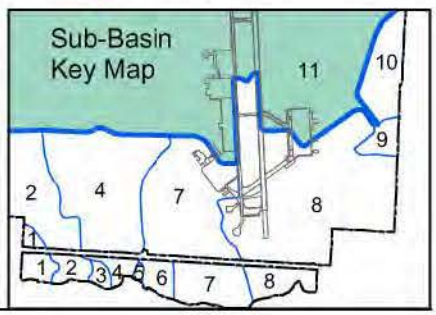


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

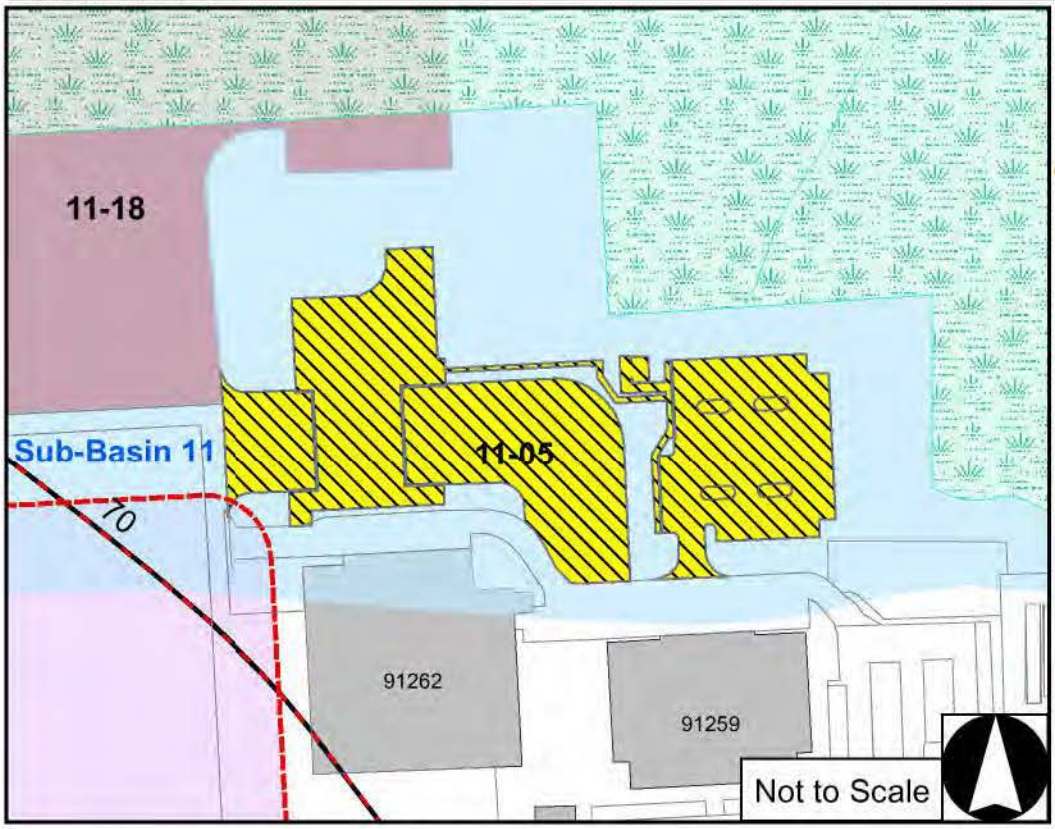
EA Projects
- 11-05
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-05	
Project Title	Fire Crash/Rescue Station	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV973018	
Project Type	New	
Demolition Linkage	Buidings 90735, 90736, 90737, 90739 & 90749	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	32,863.1	
Square Footage of Parking Lot or Roadway Improvement	66,451.1	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	8,897.7 sq. ft. SS-125
Q/D Clear Zone	Source	Airfield Stand-Off 3,266.5 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	3
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Airfield/ Operations Maintenance/ Community Commercial/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2-Benett Avenue/ 1-Bedel Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-05	
Project Title	Fire Crash/Rescue Station	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV973018	
Project Type	New	
Demolition Linkage	Buidings 90735, 90736, 90737, 90739 & 90749	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	32,863.1	
Square Footage of Parking Lot or Roadway Improvement	87,019.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	120,329.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	Helicopter Runway Stand-Off- 45 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Operations Maintenance/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Brimms Road

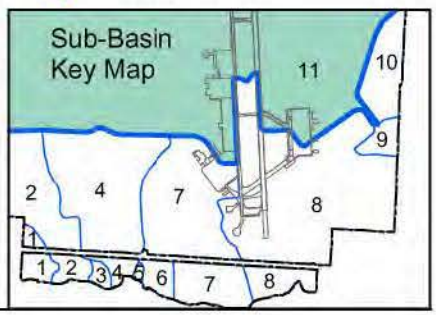
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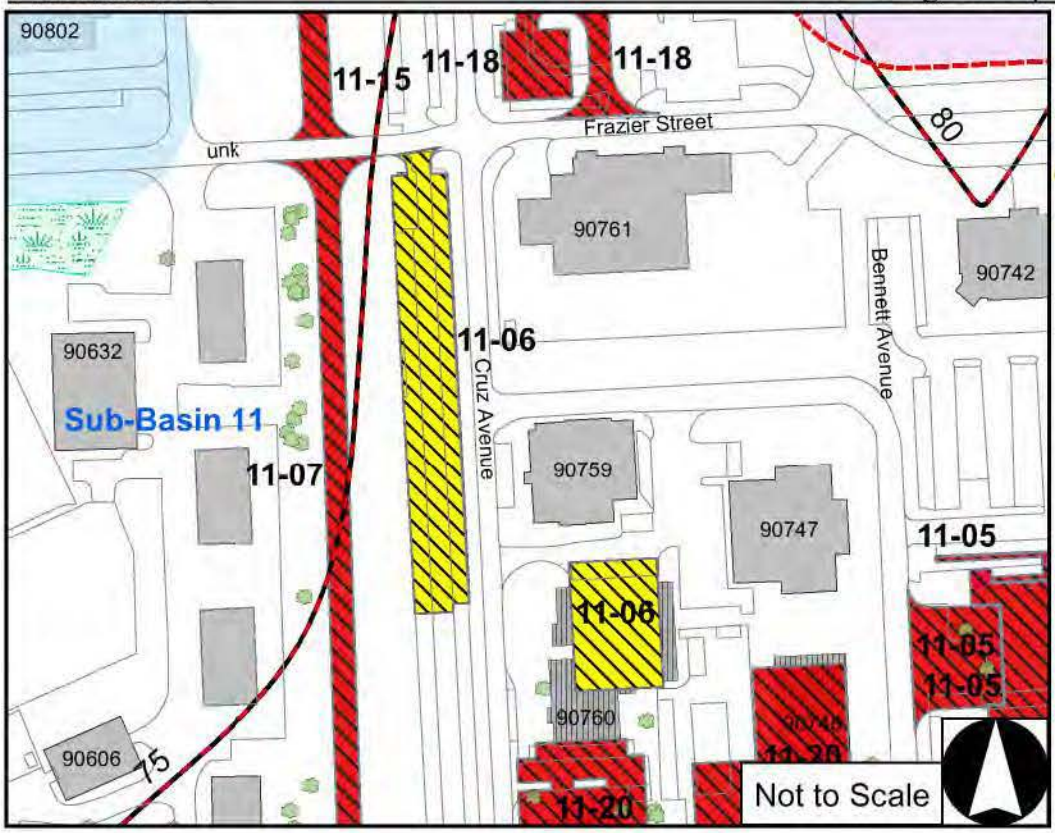
EA Projects- Alternative Sitings

- 11-05
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-06	
Project Title	25th Intelligence Squadron Operations Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV013021	
Project Type	New	
Demolition Linkage	Buildings 90758, 90760 & 90763	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	13,300.0	
Square Footage of Parking Lot or Roadway Improvement	29,232.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Community Commercial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Frazier Street/ Cruz Avenue

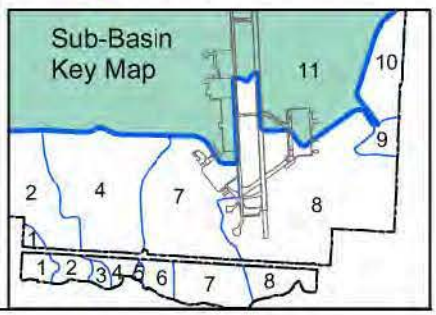
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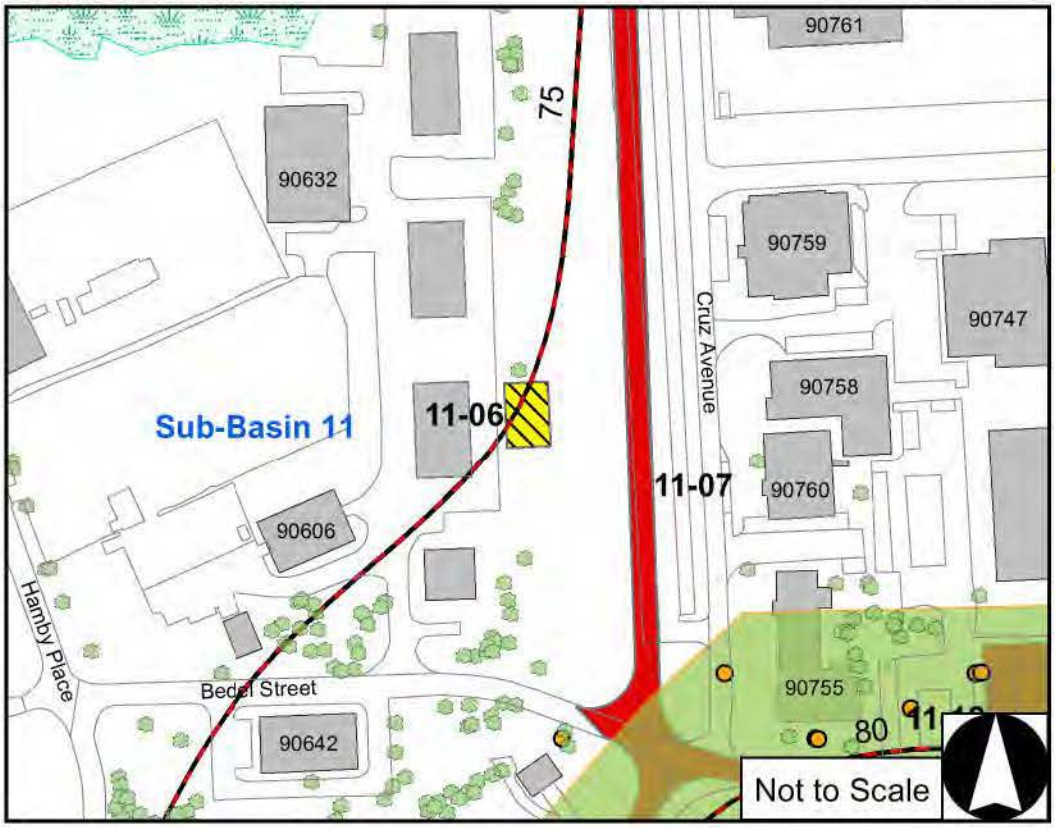
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-06
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-06	
Project Title	25th Intelligence Squadron Operations Facility	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV013021	
Project Type	New	
Demolition Linkage	Buildings 90758, 90760 & 90763	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,325.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	New Road- Project # 11-07

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

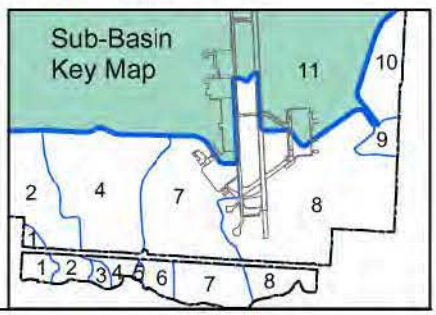
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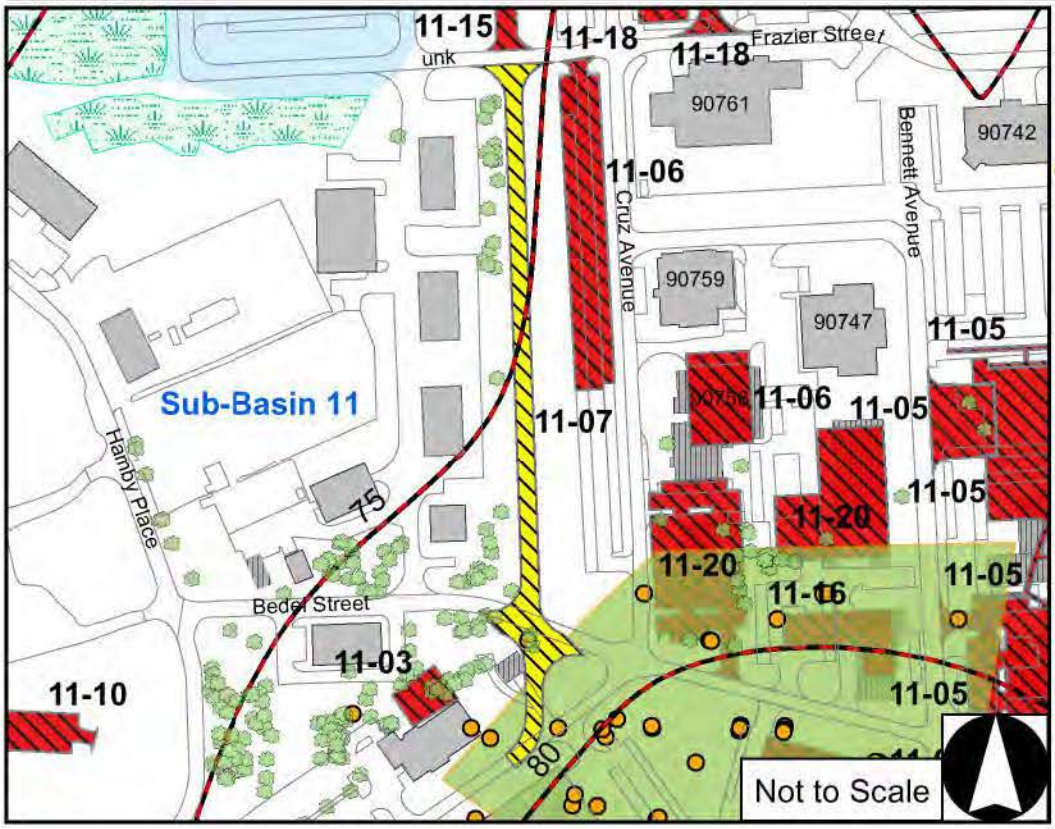
EA Projects- Alternative Sitings

- 11-06
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-07	
Project Title	Realign Cruz Avenue	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033014	
Project Type	New	
Demolition Linkage	Building 90604	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	34,149.5	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	4,687.8 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	4
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Frazier Street/ 2- Bedel Street/ 1- Cody Avenue

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

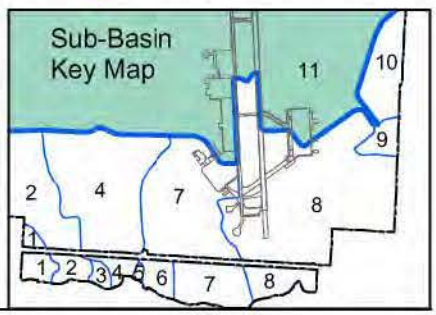
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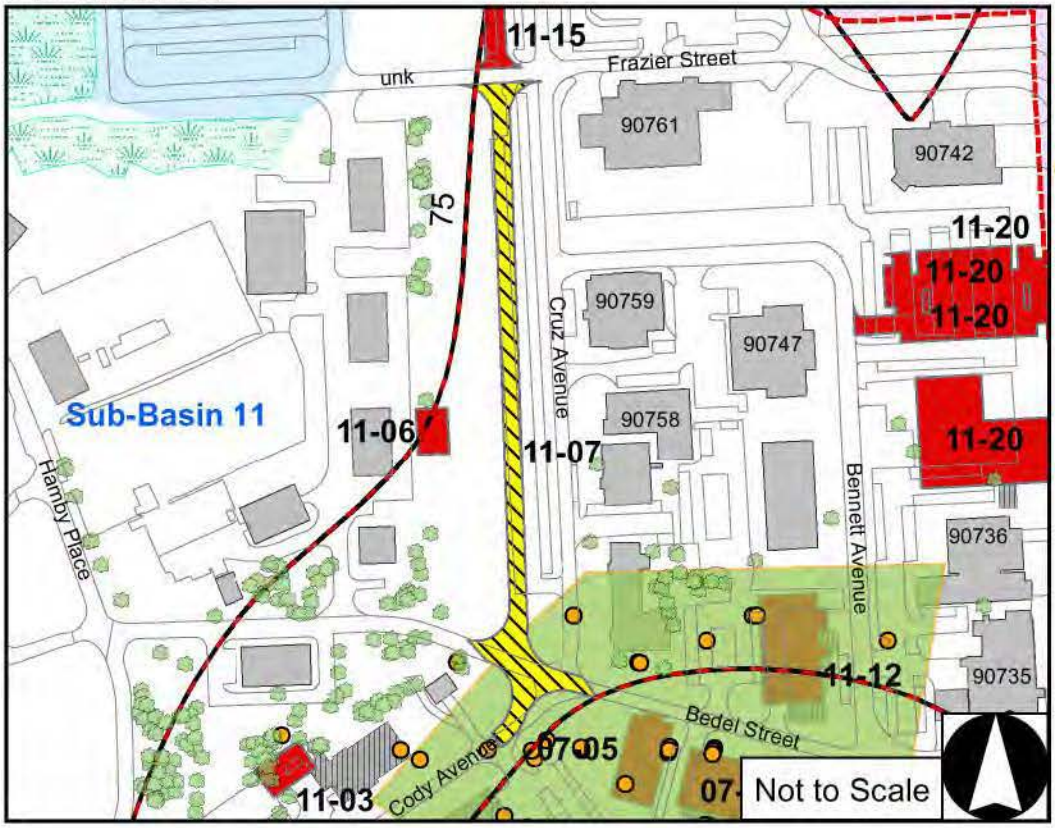
EA Projects

- 11-07
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-07	
Project Title	Realign Cruz Avenue	
Fiscal Year	FY07	
Funding Source	BA01	
Project Number	FTEV033014	
Project Type	New	
Demolition Linkage	Building 90604	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	33,712.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	8,948 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Frazier Street/ 2- Bedel Street/ 1- Cody Avenue

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

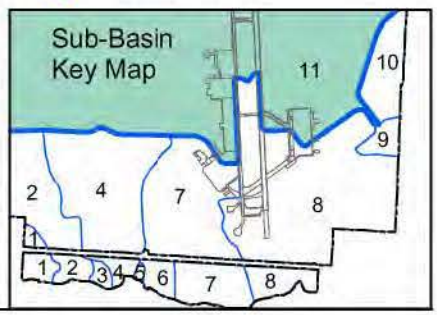
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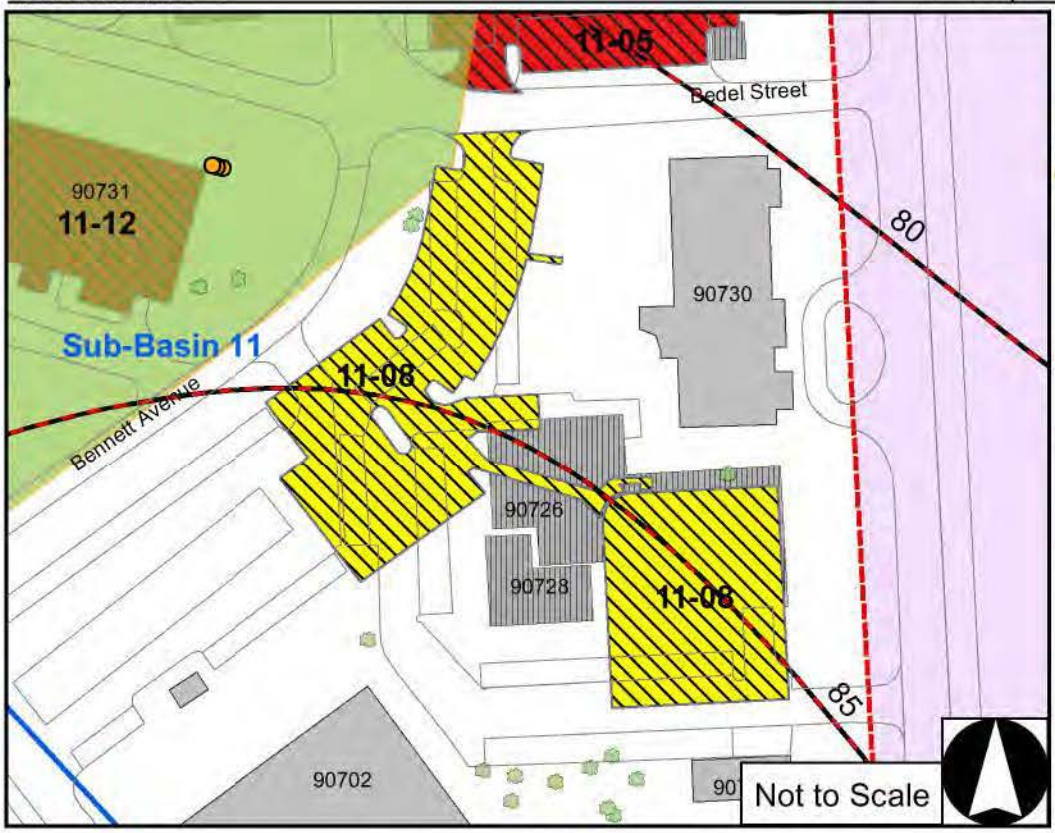
EA Projects- Alternative Sitings

- 11-07
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



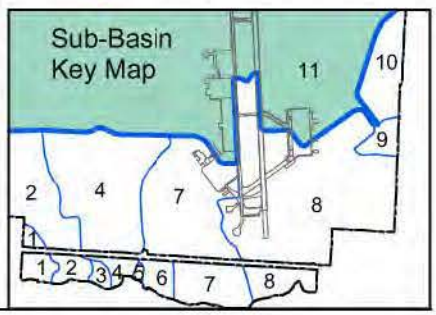


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

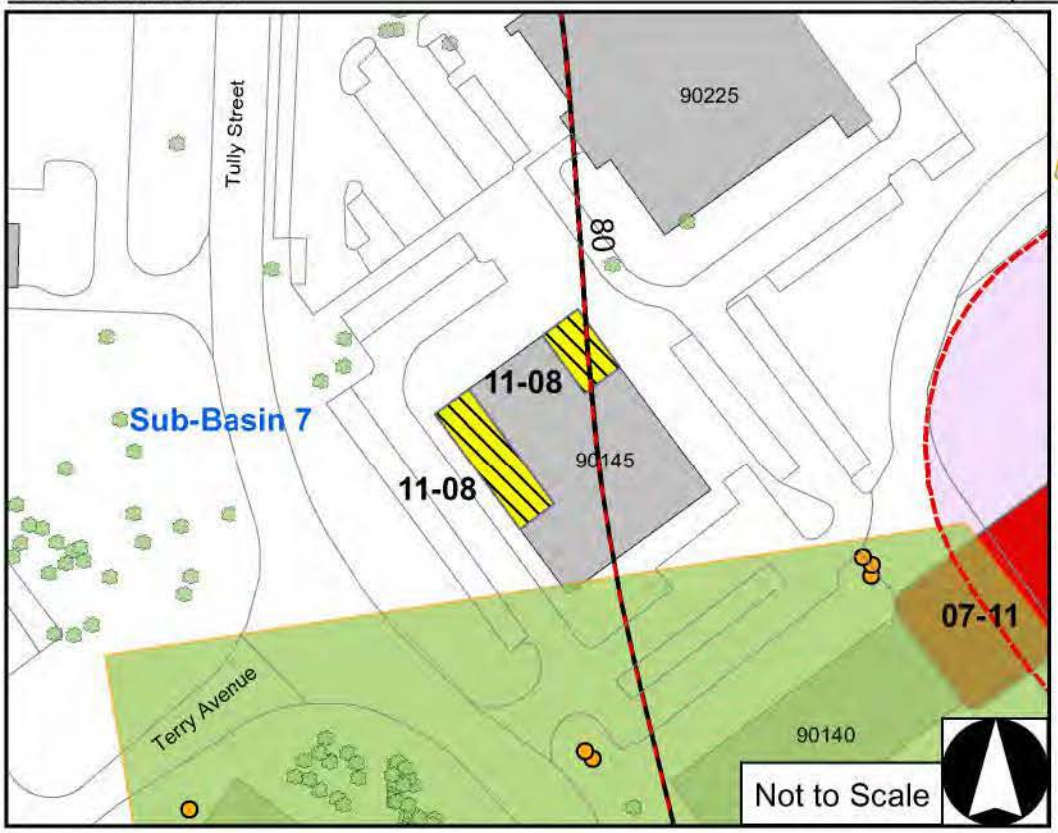
EA Projects
- 11-08
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-08	
Project Title	SOF Squadron Operations, Tallon II	
Fiscal Year	FY07	
Funding Source	MFP-11	
Project Number	FTEV043005	
Project Type	New	
Demolition Linkage	Buildings 90726 & 90728	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	15,903.0	
Square Footage of Parking Lot or Roadway Improvement	25,888.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	56.4 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Feet from Potable Water Well	within 200 ft (y/n)	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Bedel Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

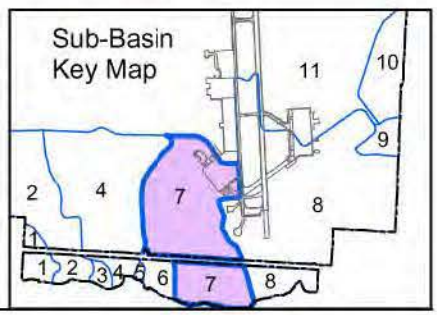
- 11-08
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

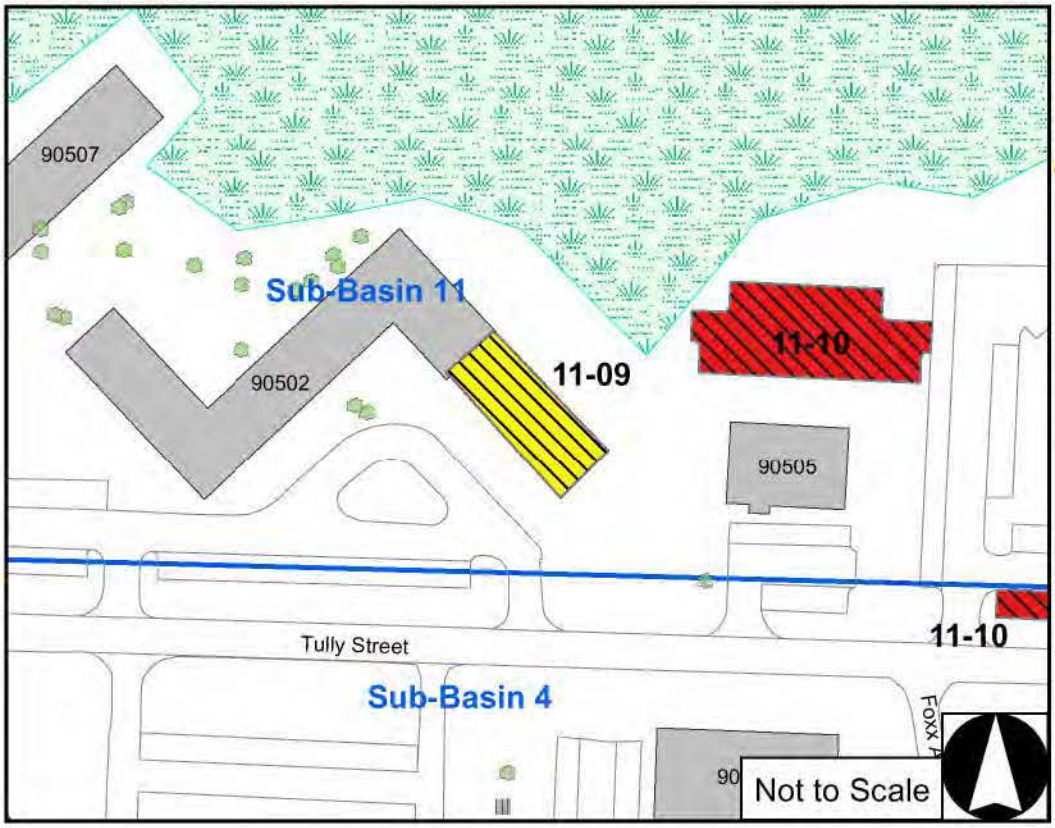
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-08	
Project Title	SOF Squadron Operations, Talon II	
Fiscal Year	FY07	
Funding Source	MFP-11	
Project Number	FTEV043005	
Project Type	New	
Demolition Linkage	Buildings 90726 & 90728	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,901.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	7
Storm Surge Category	sq.ft. by category	N
Feet from Potable Water Well	within 200 ft (y/n)	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-09	
Project Title	Addition to Visiting Quarters	
Fiscal Year	FY08	
Funding Source	BA01	
Project Number	FTEV023010	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	332	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	4,592.7	
Square Footage of Parking Lot or Roadway Improvement	0.0	

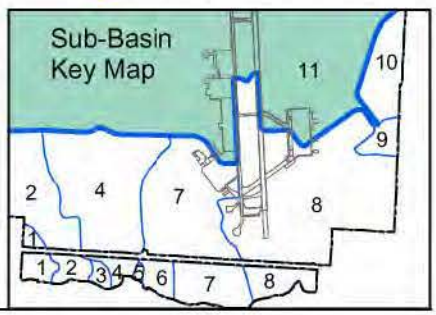
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

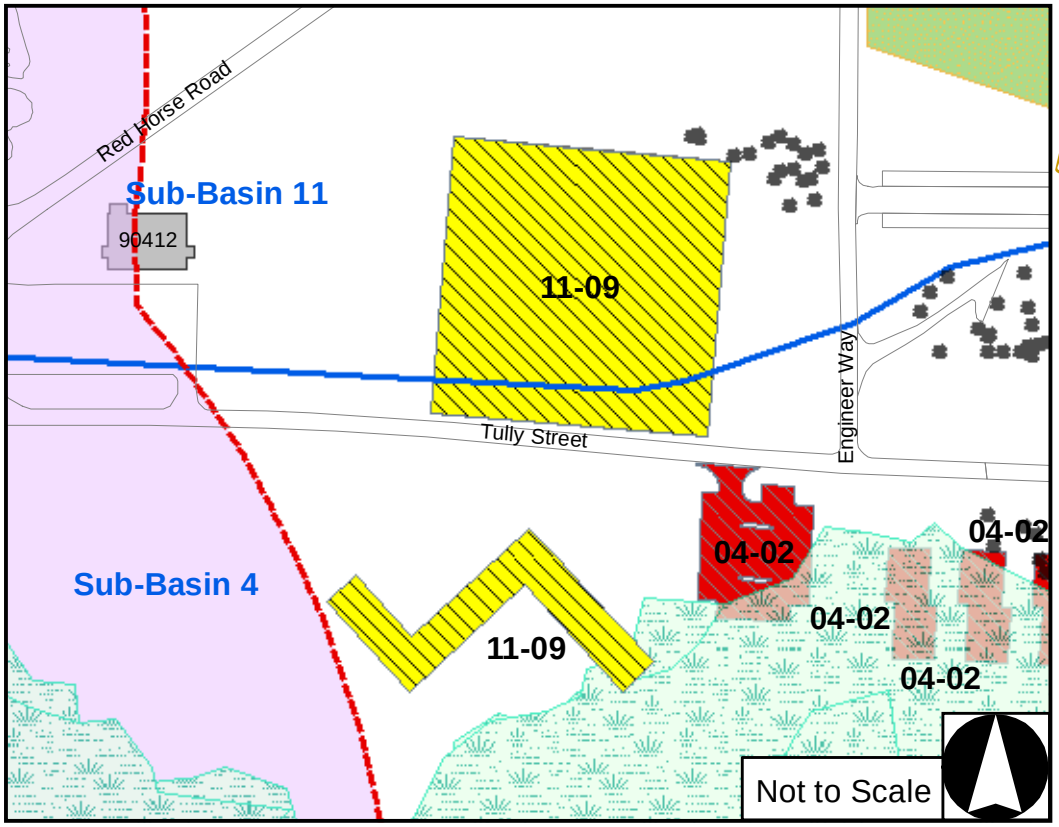
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-09
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
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- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

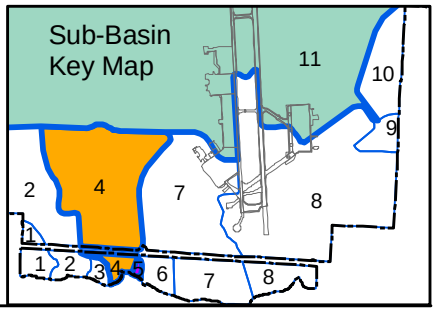
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EA Projects- Alternative Sitings

- 11-09
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

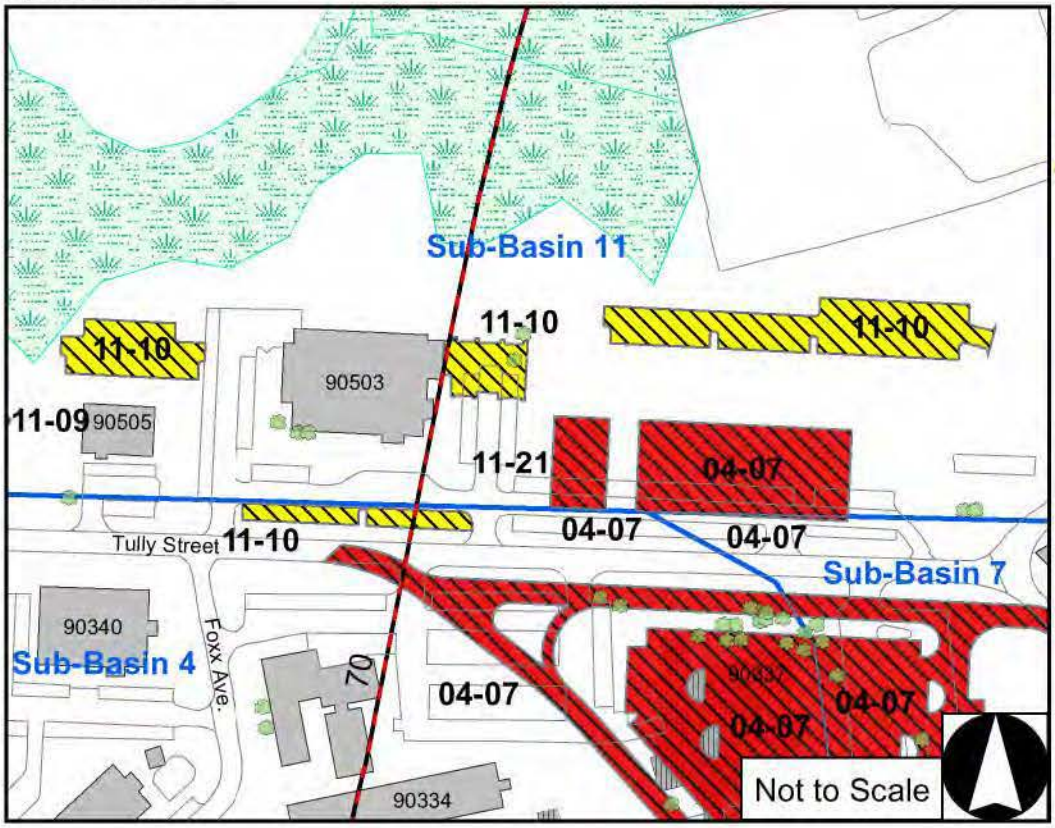
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-09	
Project Title	Addition to Visiting Quarters	
Fiscal Year	FY08	
Funding Source	BA01	
Project Number	FTEV023010	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	332	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	19,935 (SB 4)	
Square Footage of Parking Lot or Roadway Improvement	13,462 sq. ft. (SB 4)/ 76,538 sq. ft. (SB 11)	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	1,264.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Tully Street

Alternative 1



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-10	
Project Title	ADAL USAFSOS Facility	
Fiscal Year	FY09	
Funding Source	BA01	
Project Number	FTEV023013	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	13,094.0 (SB11)	
Square Footage of Parking Lot or Roadway Improvement	4,579.8 (SB4)/ 19,018.0 (SB11)	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administrative/ Industrial/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

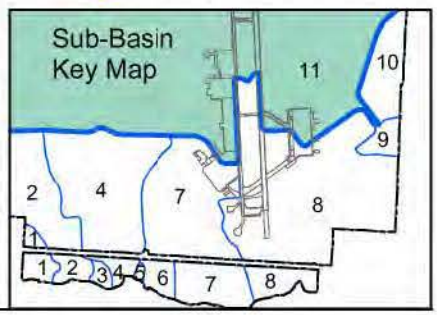
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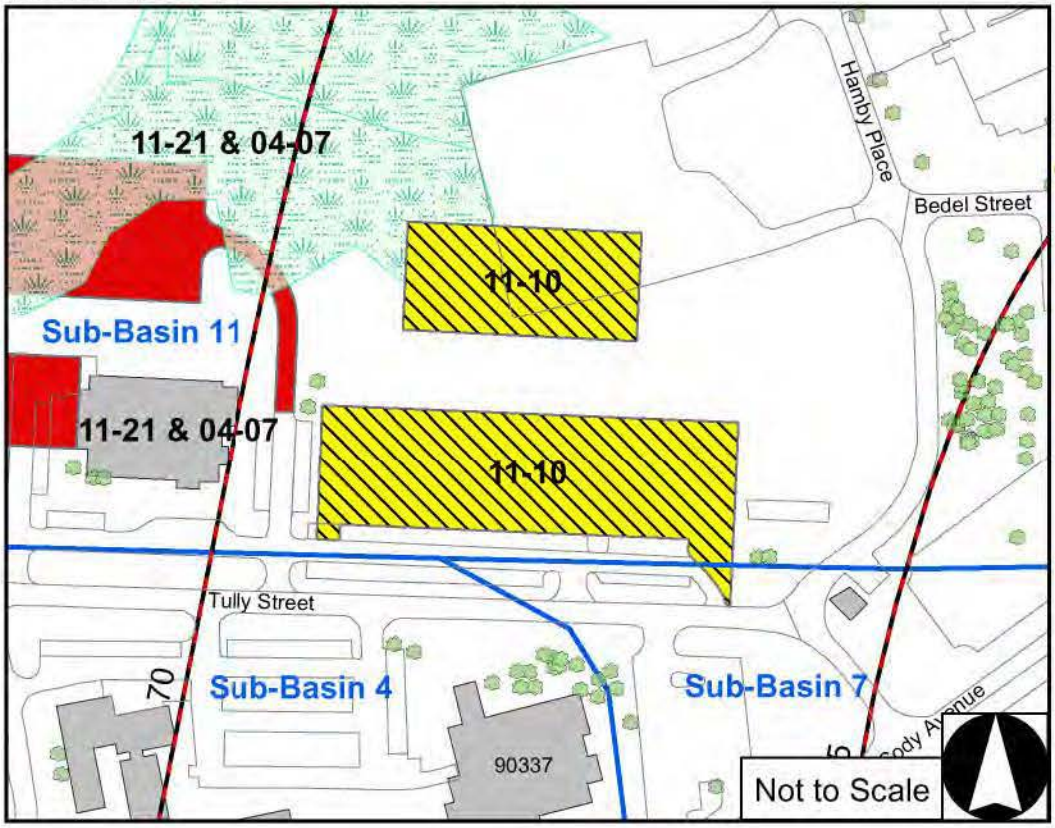
EA Projects

- 11-10
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

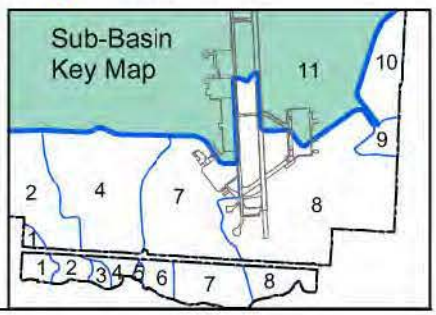
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EA Projects- Alternative Sitings

- 11-10
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
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- Q/D Arcs
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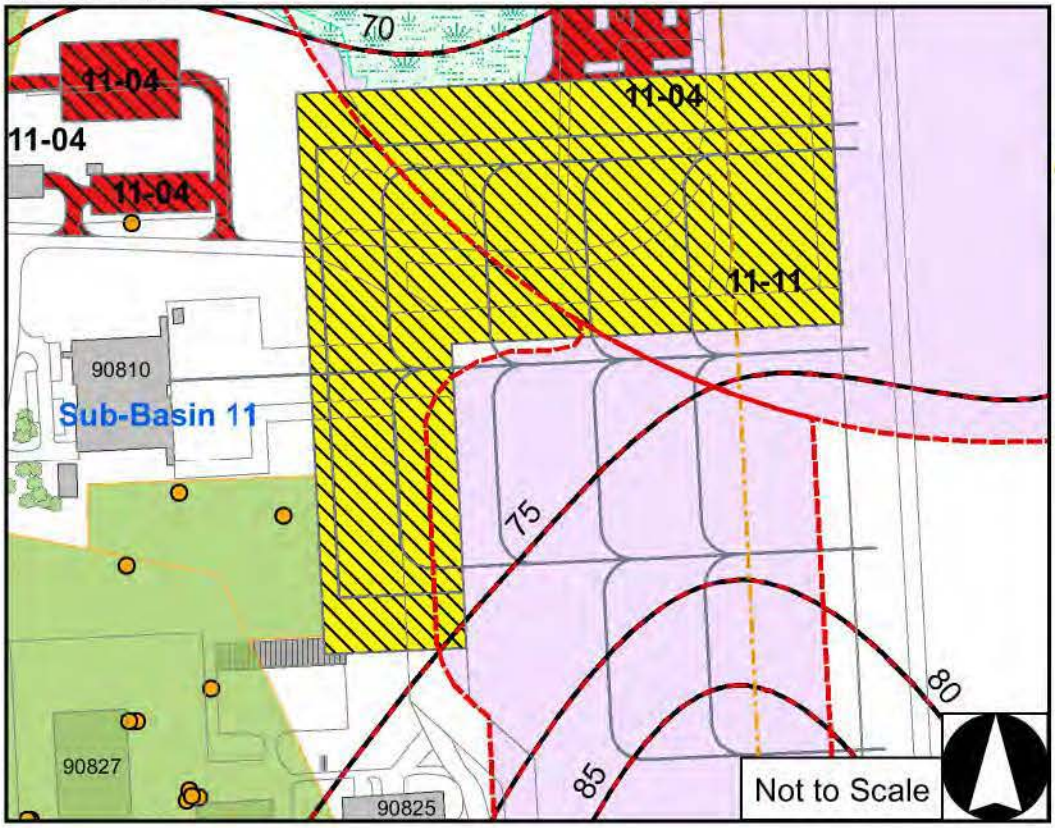
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-10	
Project Title	ADAL USAFSOS Facility	
Fiscal Year	FY09	
Funding Source	BA01	
Project Number	FTEV023013	
Project Type	Addition	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	29,793.0	
Square Footage of Parking Lot or Roadway Improvement	61,055.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	6,869.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street

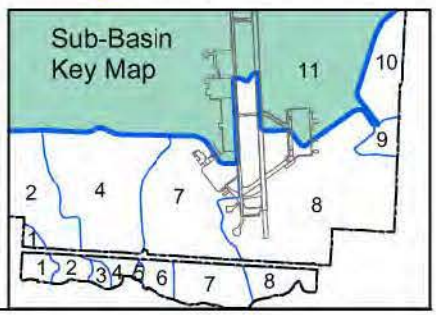


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

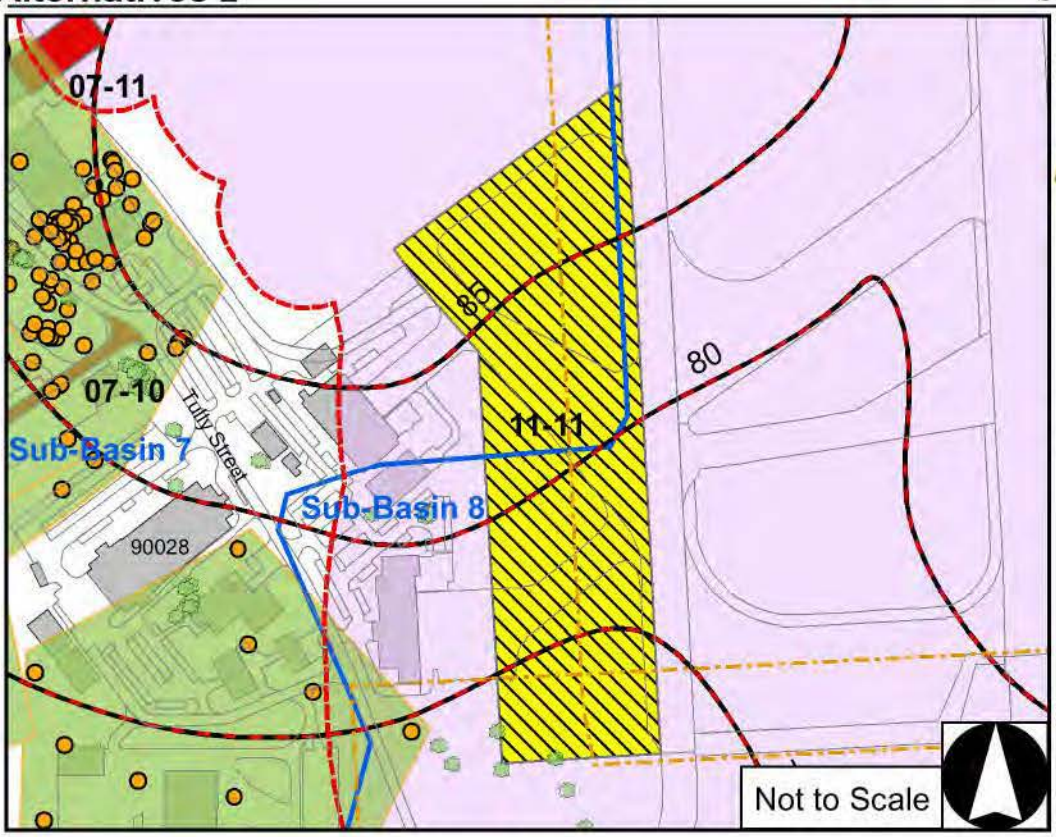
EA Projects
- 11-11
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
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Storm Surge Category
- Category 1
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- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-11	
Project Title	SOF C-130 Aircraft Apron	
Fiscal Year	FY09	
Funding Source	MFP-11	
Project Number	FTEV043004	
Project Type	New	
Demolition Linkage	Building 90823	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	416,459.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	21,074.3
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	7,618.7 sq. ft. ST-217
Q/D Clear Zone	Source	1250 ft Standoff 226,665.1 sq. ft. Airfield Stand-Off 20,819.8 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Red Horse Road



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

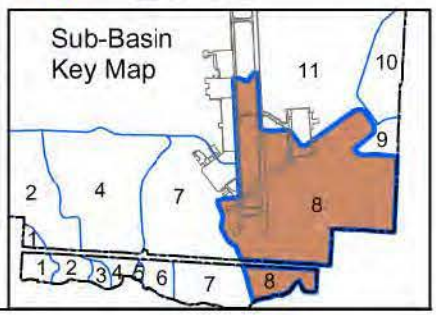
- 11-11
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

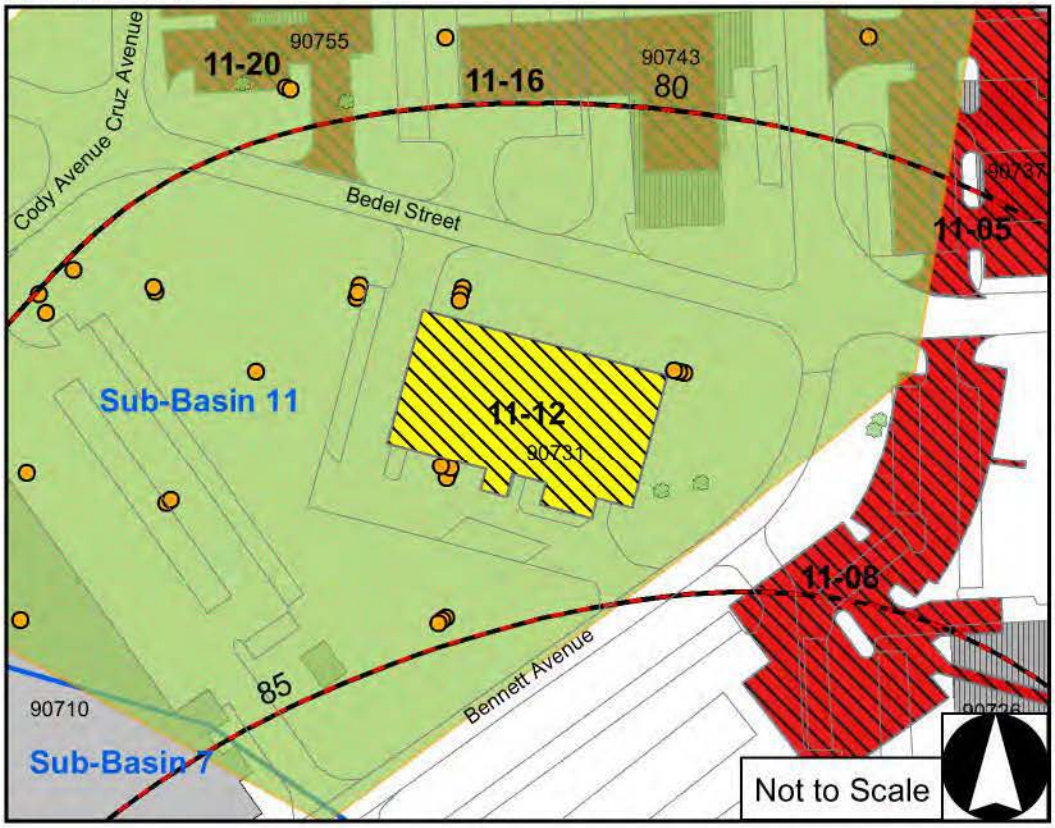
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-11	
Project Title	SOF C-130 Aircraft Apron	
Fiscal Year	FY09	
Funding Source	MFP-11	
Project Number	FTEV043004	
Project Type	New	
Demolition Linkage	Building 90823	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	499,644.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	Airfield Stand-Off- 499,644 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	7
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Operations Maintenance/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-12	
Project Title	SOF Survival Equipment Shop	
Fiscal Year	FY09	
Funding Source	MFP-11	
Project Number	FTEV043007	
Project Type	New	
Demolition Linkage	Building 90731	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	15,516.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	15,516 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Bennett Avenue/ Bedel Street

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

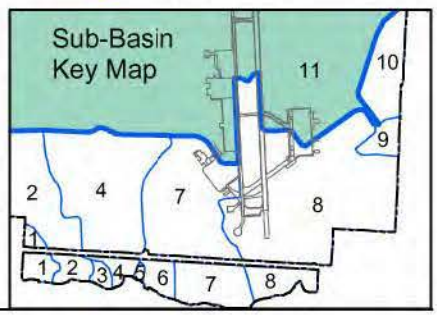
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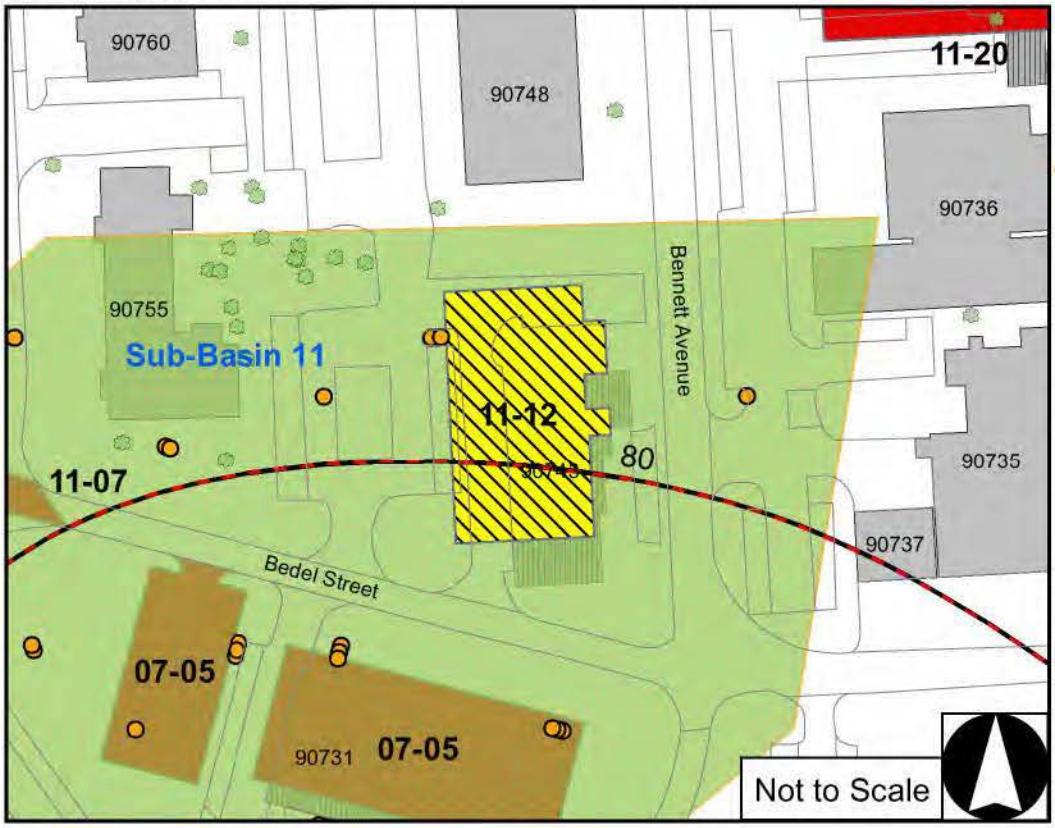
EA Projects

- 11-12
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-12	
Project Title	SOF Survival Equipment Shop	
Fiscal Year	FY09	
Funding Source	MFP-11	
Project Number	FTEV043007	
Project Type	New	
Demolition Linkage	Building 90731	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	15,516.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	15,516 sq. ft. SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Bennett Avenue/ Bedel Street

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

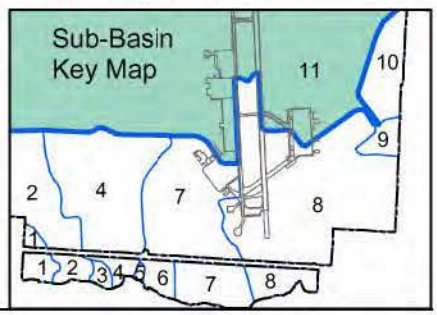
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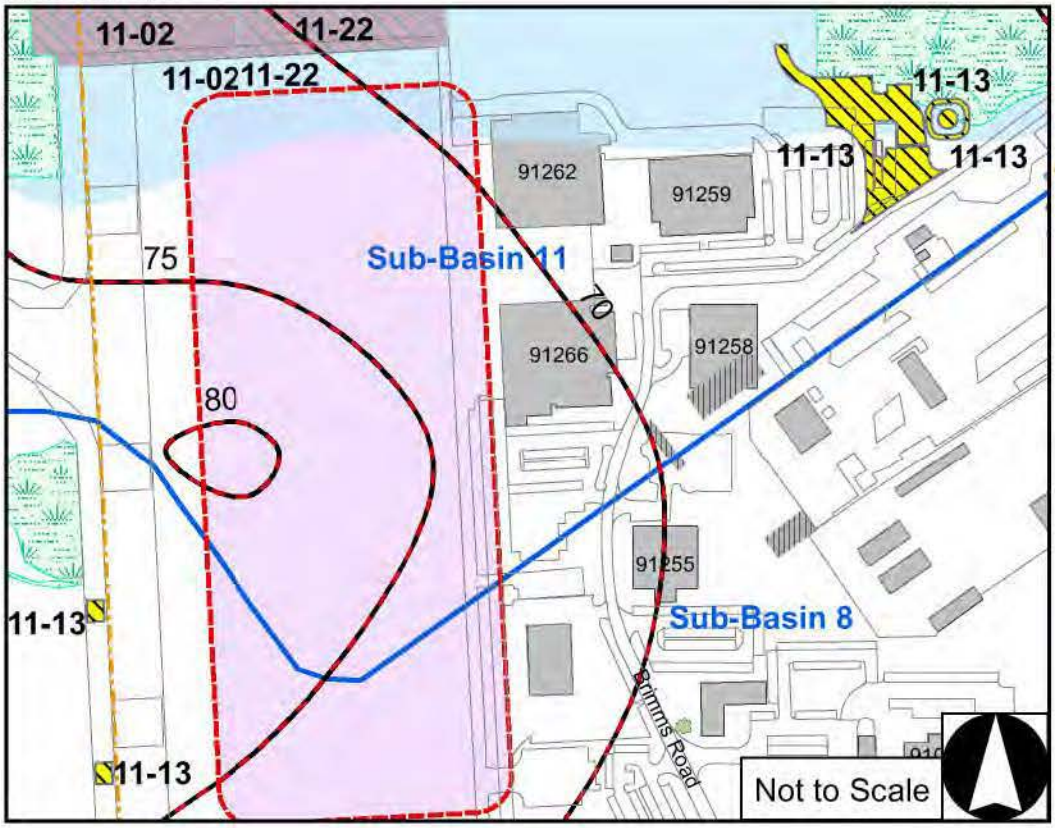
EA Projects- Alternative Sitings

- 11-12
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
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Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-13	
Project Title	Hydrant Fueling System	
Fiscal Year	FY10	
Funding Source	DLA	
Project Number	FTEV973016	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Linear Footage	10,000.0	
Square Footage of Building Footprint	3,150.0	
Square Footage of Parking Lot or Roadway Improvement	44,657.3	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	27,128.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	4,760.7
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	Y
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Brimms Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

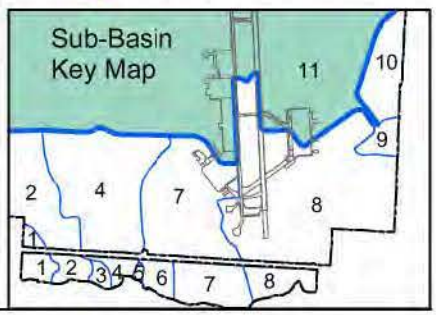
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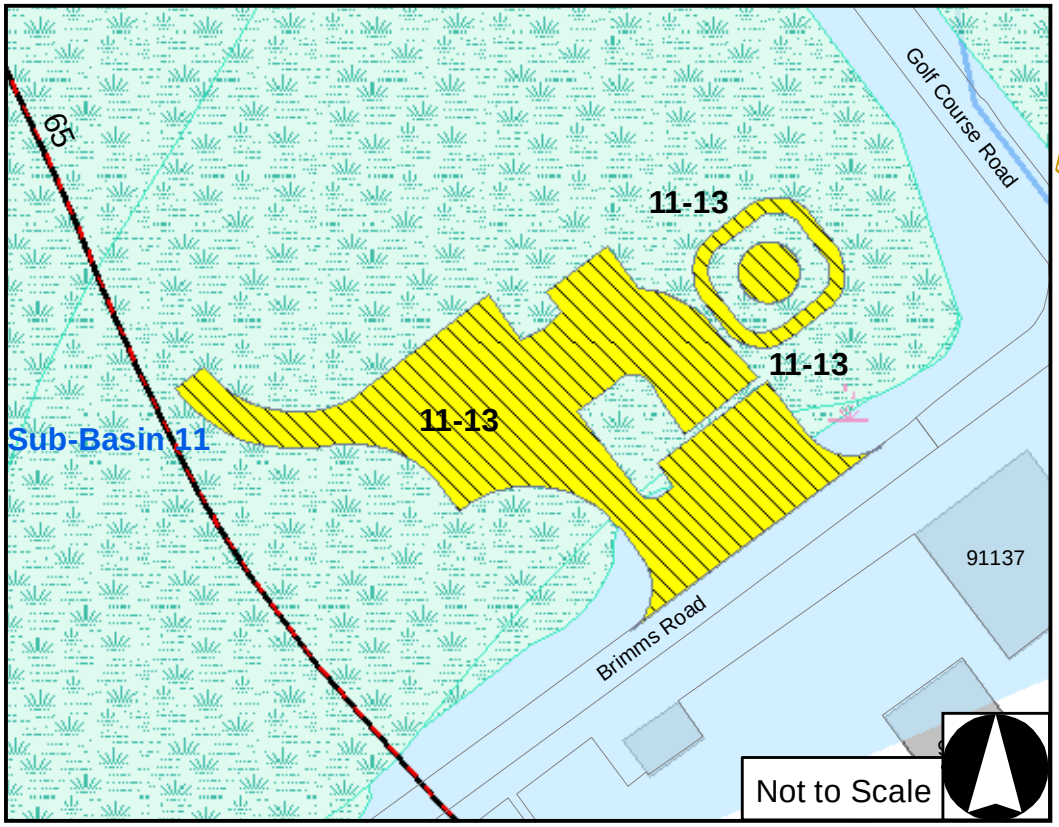
EA Projects

- 11-13
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-13	
Project Title	Hydrant Fueling System	
Fiscal Year	FY10	
Funding Source	DLA	
Project Number	FTEV973016	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	3,919.0	
Square Footage of Parking Lot or Roadway Improvement	36,031.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	39,661.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	33,529.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	N
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	Y
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Brimms Road

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

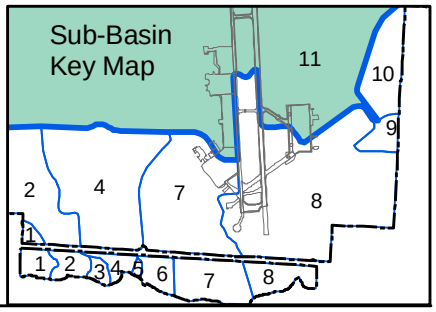
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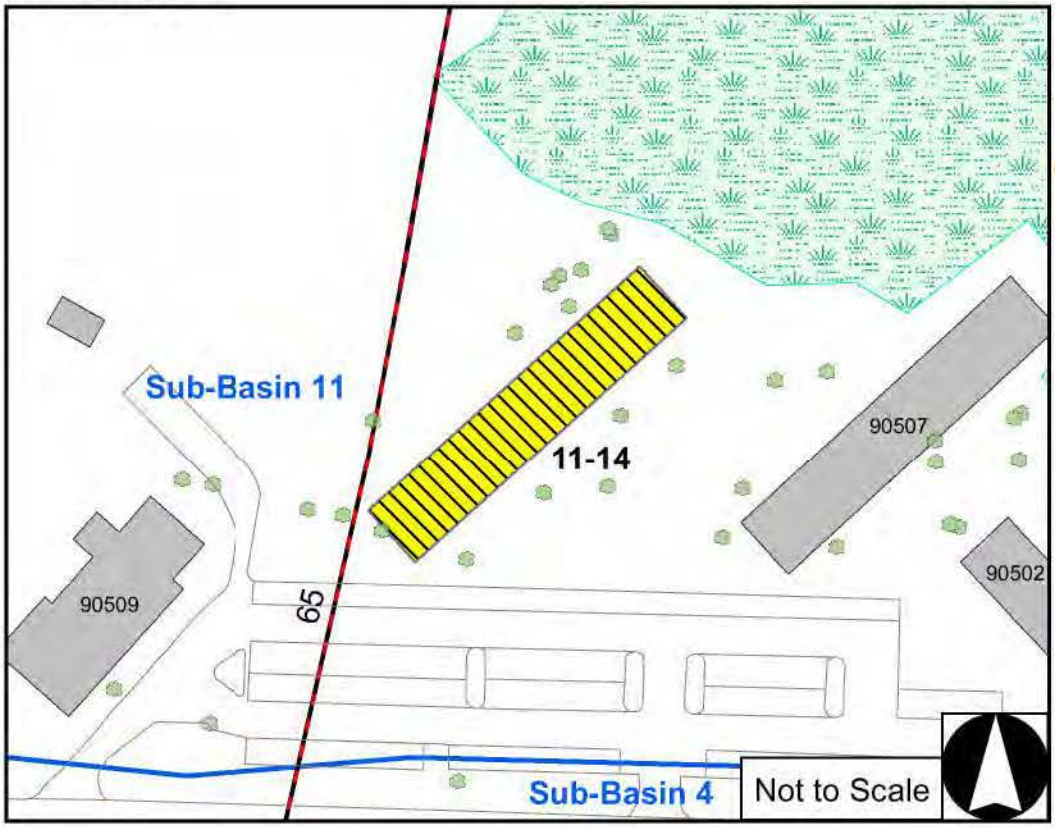
EA Projects- Alternative Sitings

- 11-13
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



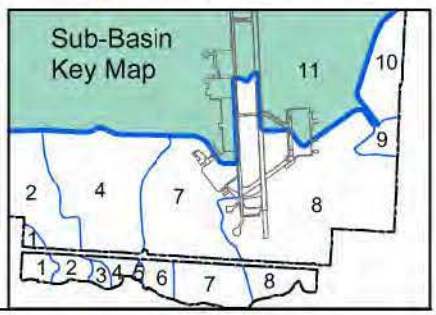


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

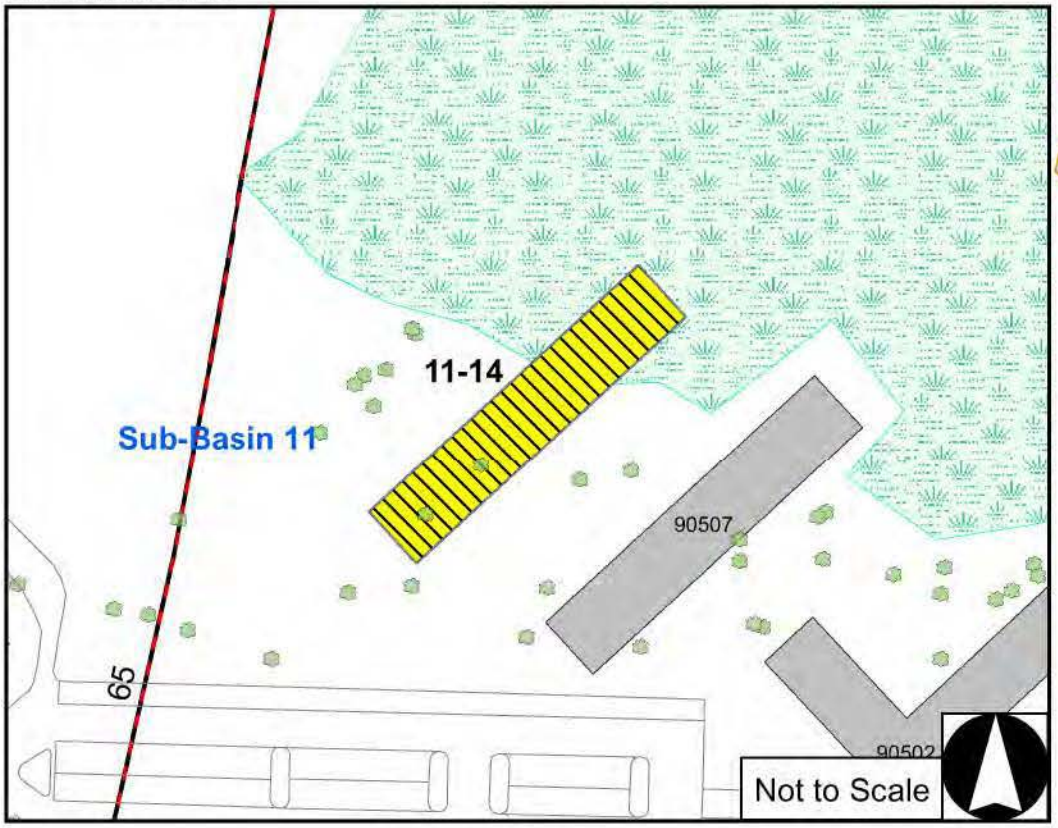
EA Projects
- 11-14
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-14	
Project Title	Visiting Officers Quarters	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV033006	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	40	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,913.3	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects- Alternative Sitings

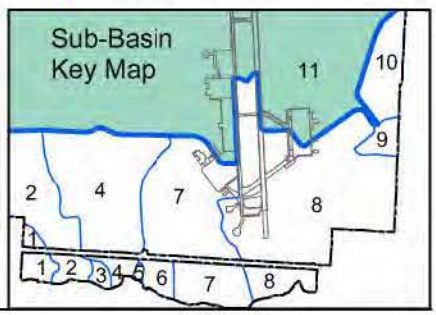
- 11-14
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
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- 100-year Floodplain
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- Q/D Arcs
- Wetlands
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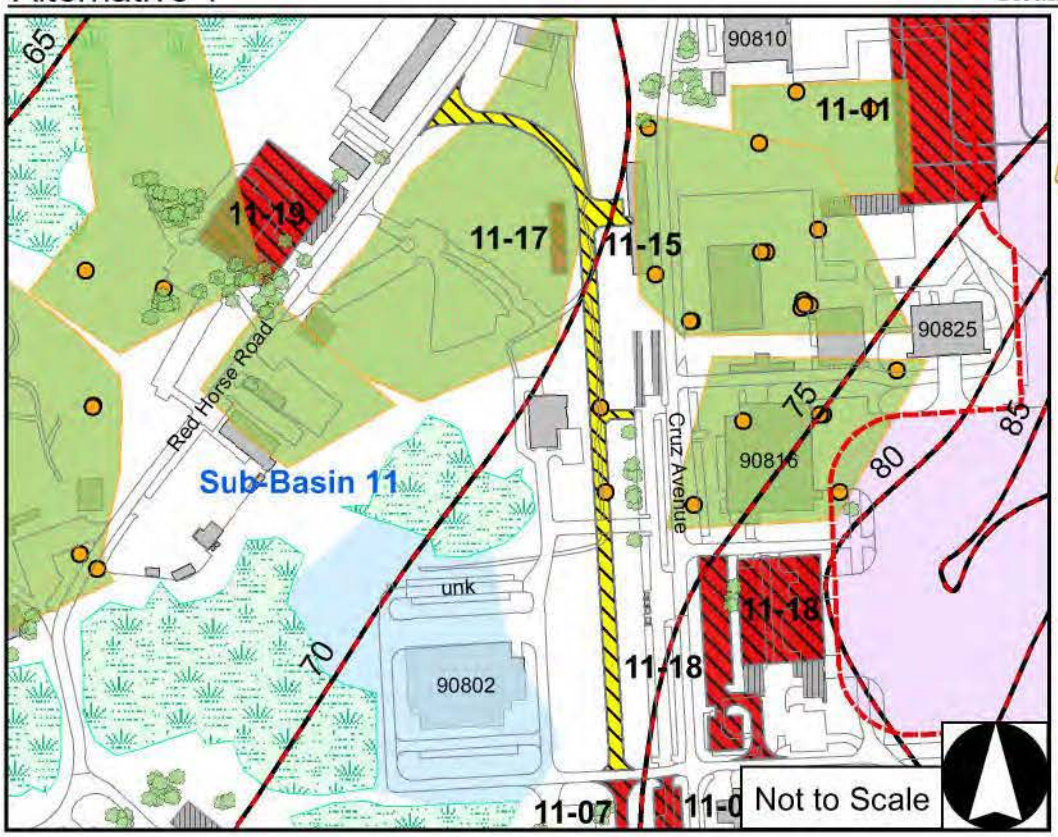
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-14	
Project Title	Visiting Officers Quarters	
Fiscal Year	FY10	
Funding Source	BA01	
Project Number	FTEV033006	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities	Y	
Working Population	40	
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,913.3	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	3,831.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	2
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street



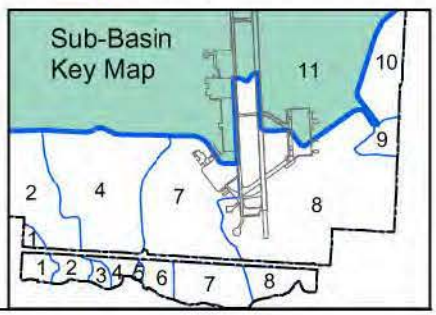


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-15
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

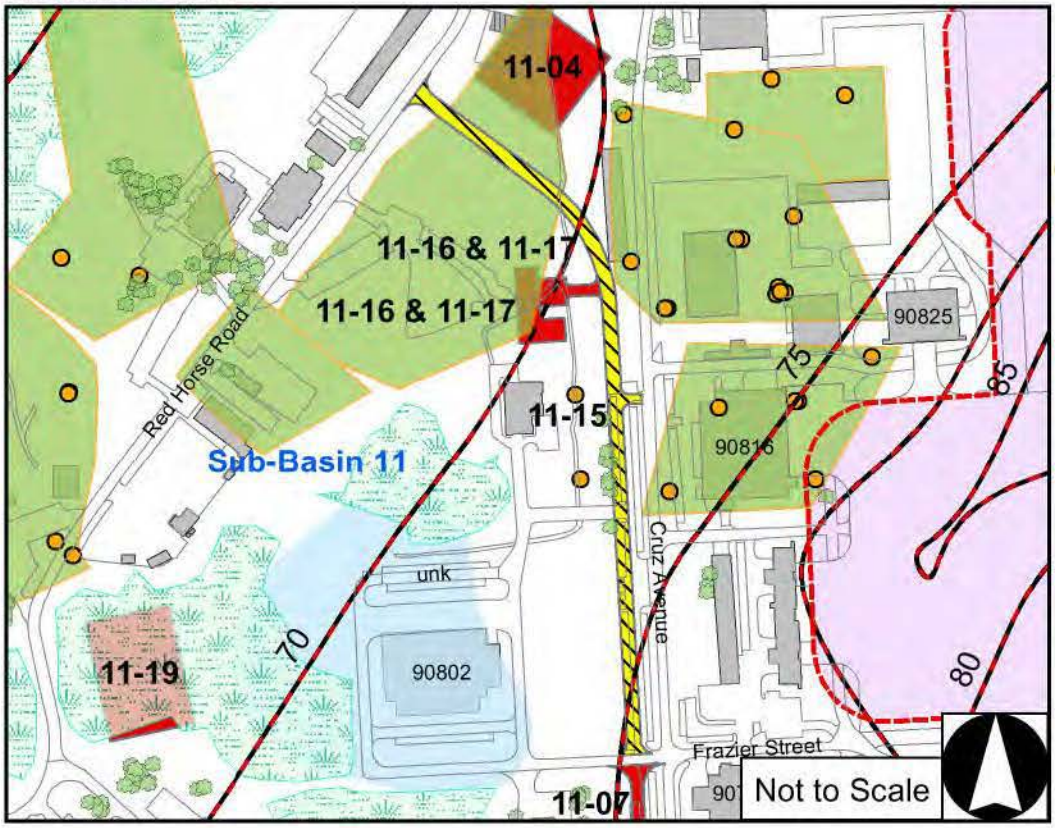
Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-15	
Project Title	Realign Cruz Avenue Phase 2	
Fiscal Year	FY10	
Funding Source	MILCON BA01	
Project Number	FTEV033015	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	57,457.5	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	8,837.2 sq. ft. LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Red Horse Road/ 1- Frazier Street

Alternative 2



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-15	
Project Title	Realign Cruz Avenue Phase 2	
Fiscal Year	FY10	
Funding Source	MILCON BA01	
Project Number	FTEV033015	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	52,421.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	9,917 sq. ft. LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Red Horse Road/ 1- Frazier Street

AIR FORCE SPECIAL OPERATIONS COMMAND

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

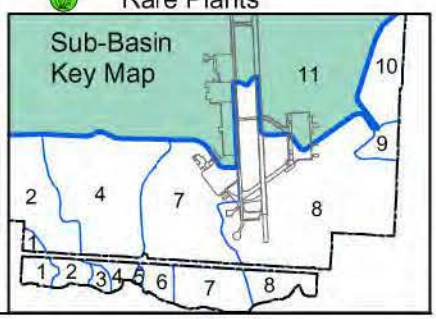
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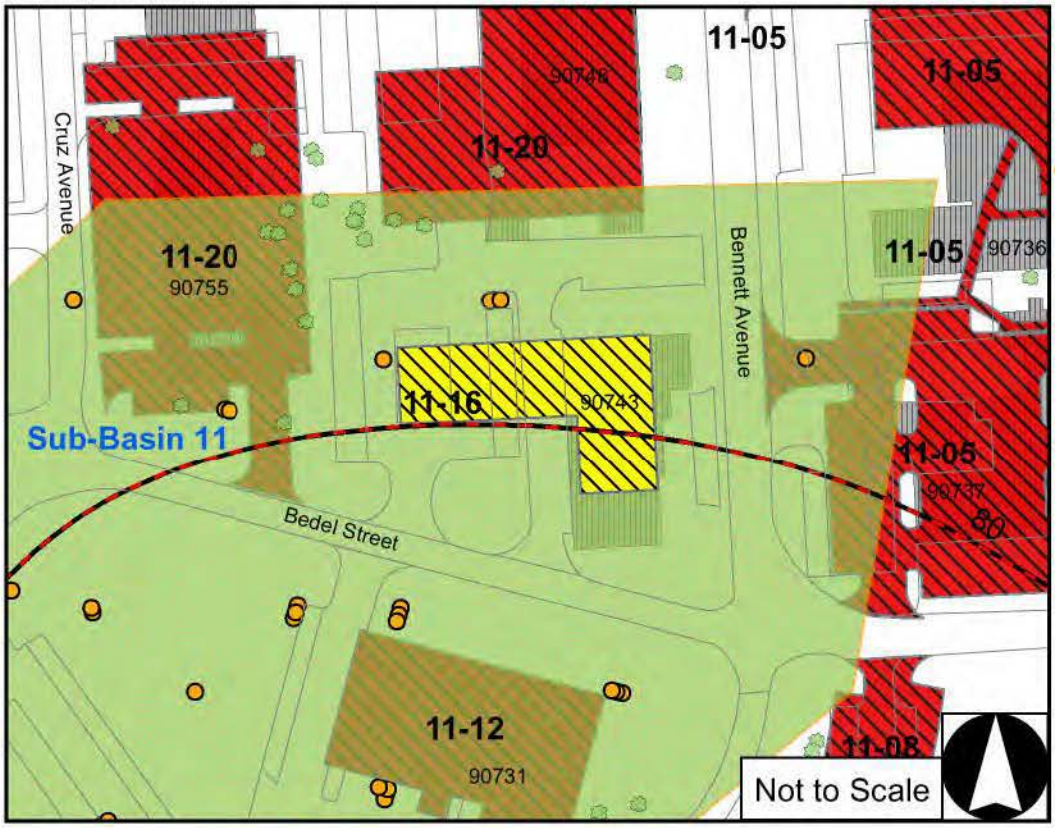
EA Projects- Alternative Sitings

- 11-15
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-16	
Project Title	SOF DASH-21 Maintenance Facility	
Fiscal Year	FY10	
Funding Source	MFP-11	
Project Number	FTEV043008	
Project Type	New	
Demolition Linkage	Buidling 90743	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,836.1	
Square Footage of Parking Lot or Roadway Improvement	0.0	

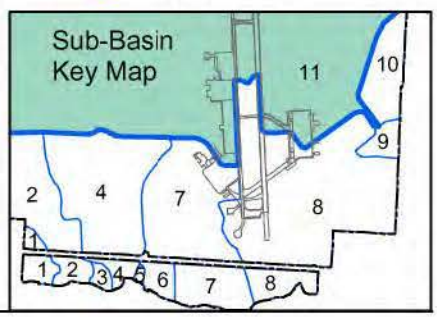
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	10,836.1 sf SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance/ Industrial
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Bennett Avenue/ Bedel Street

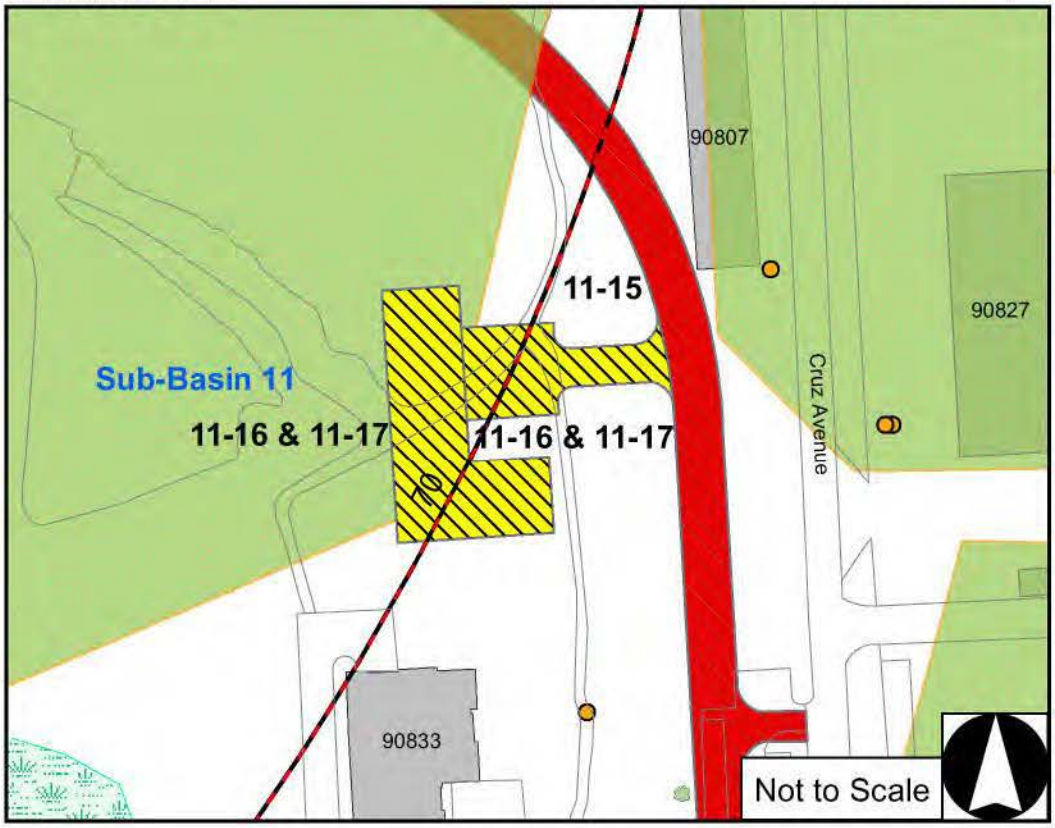
Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-16
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
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Storm Surge Category
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Environmental Assessment
Hurlburt Field
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Legend

EA Projects- Alternative Sitings

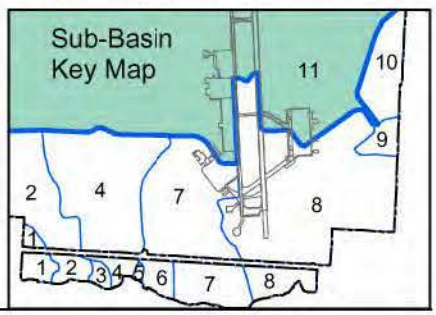
- 11-16 & 11-17
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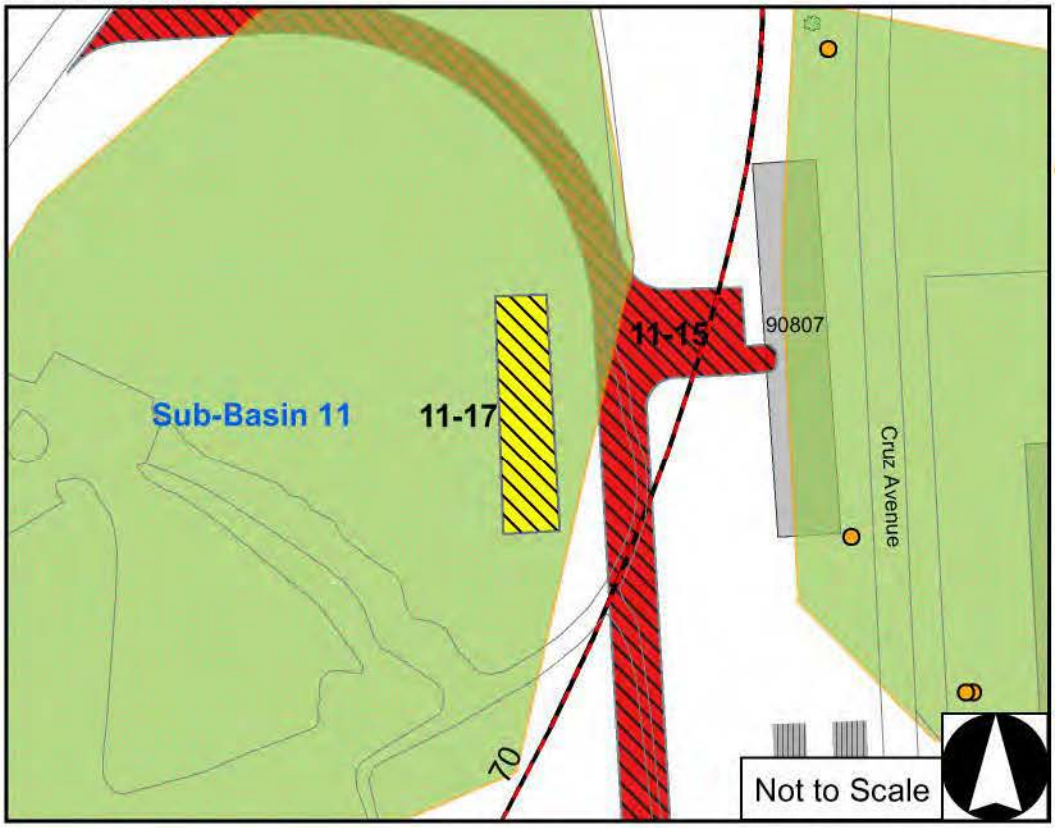
Storm Surge Category

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Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-16 & 11-17	
Project Title	SOF DASH-21 Maintenance Facility & Maintenance Storage Facility	
Fiscal Year	FY10	
Funding Source	MFP-11	
Project Number	FTEV043008 & FTEV 04-3009	
Project Type	New	
Demolition Linkage	Buidling 90743	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,836.0	
Square Footage of Parking Lot or Roadway Improvement	5,589.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	6,386 sq. ft. LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- New Road- Project # 11-15



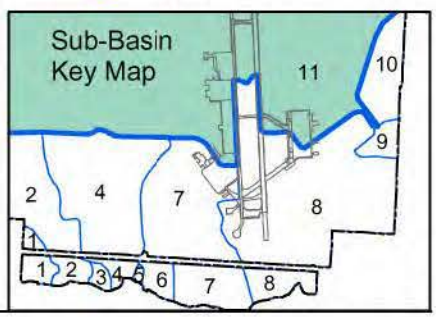


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

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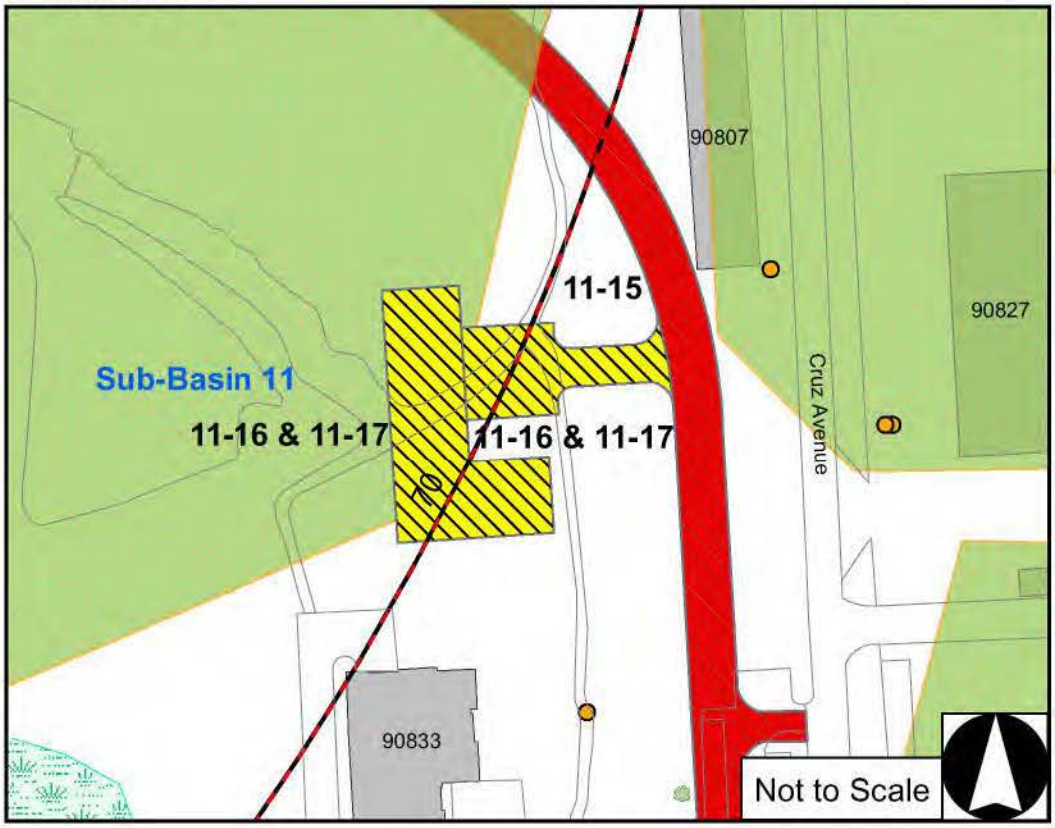
EA Projects
- 11-17
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Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-17	
Project Title	SOF Maintenance Storage Facility	
Fiscal Year	FY10	
Funding Source	MFP-11	
Project Number	FTEV043009	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	5,413.3	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	5,413.3 sf LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	New Road Project #03-3015



Environmental Assessment
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Legend

EA Projects- Alternative Sitings

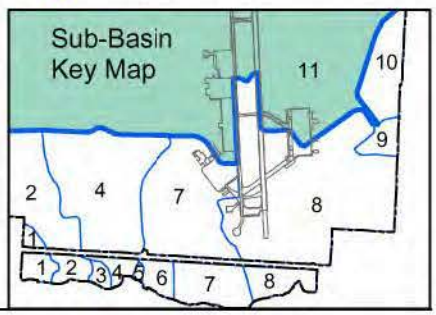
- 11-16 & 11-17
- Other Alternative Sitings
- Installation Boundary
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- Demolitions
- AICUZ Noise Contours
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Storm Surge Category

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- Stormwater Ponds
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- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-16 & 11-17	
Project Title	SOF DASH-21 Maintenance Facility & Maintenance Storage Facility	
Fiscal Year	FY10	
Funding Source	MFP-11	
Project Number	FTEV043008 & FTEV 04-3009	
Project Type	New	
Demolition Linkage	Buidling 90743	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	10,836.0	
Square Footage of Parking Lot or Roadway Improvement	5,589.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	6,386 sq. ft. LF-19
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- New Road- Project # 11-15





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-18	
Project Title	SOF C-130 Talon II Maintenance Hangar	
Fiscal Year	FY11	
Funding Source	MFP-11	
Project Number	FTEV043010	
Project Type	New	
Demolition Linkage	Buildings 90812 & 90815	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	41,062.8	
Square Footage of Parking Lot or Roadway Improvement	31,270.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfield/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1-Frazier Street

Environmental Assessment

Hurlburt Field

Hurlburt Field, Florida

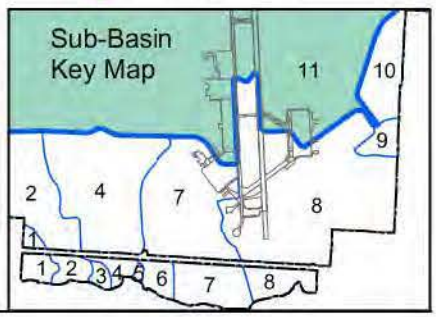
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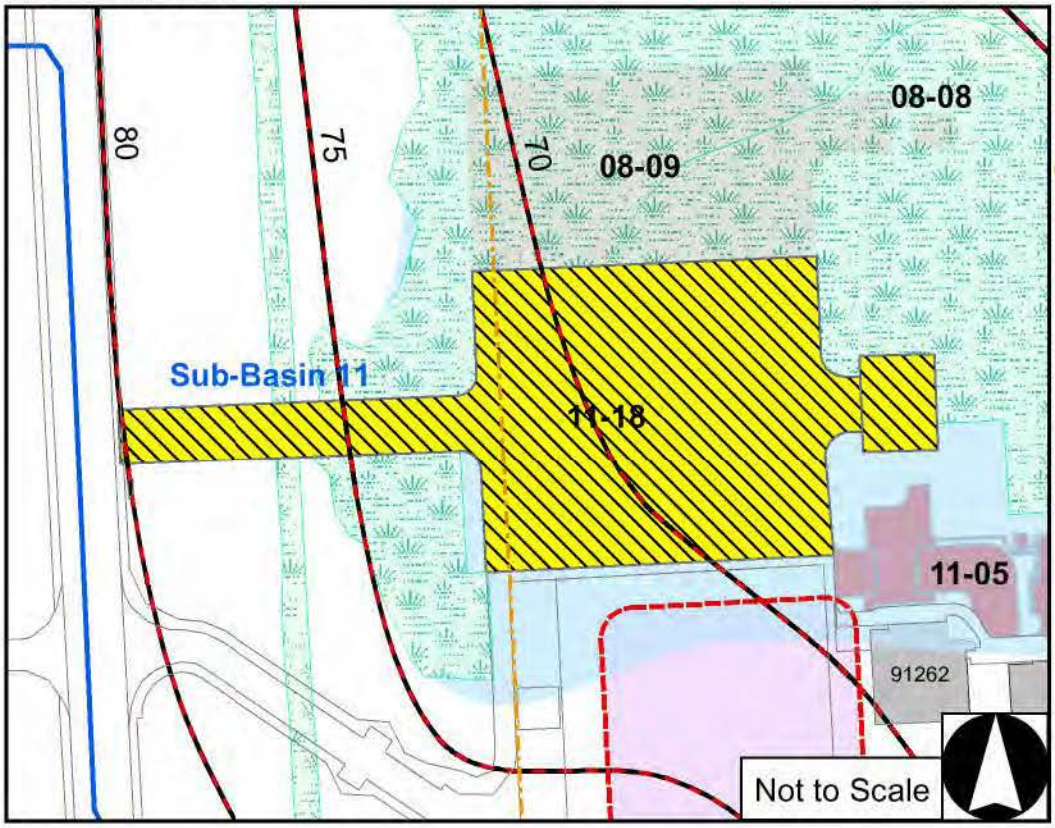
EA Projects

- 11-18
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
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Storm Surge Category

- Category 1
- Category 2
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- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-18	
Project Title	SOF C-130 Talon II Maintenance Hangar	
Fiscal Year	FY11	
Funding Source	MFP-11	
Project Number	FTEV043010	
Project Type	New	
Demolition Linkage	Buildings 90812 & 90815	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	41,063.0	
Square Footage of Parking Lot or Roadway Improvement	721,608.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	691,101.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	446,560.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Air Safety Zone/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Bennett Avenue/ Bedel Street

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

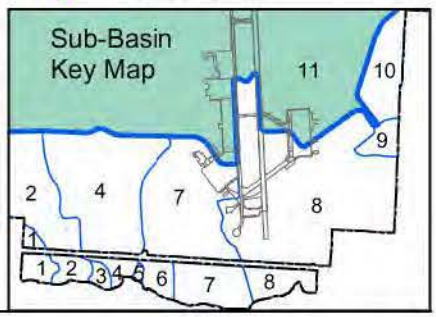
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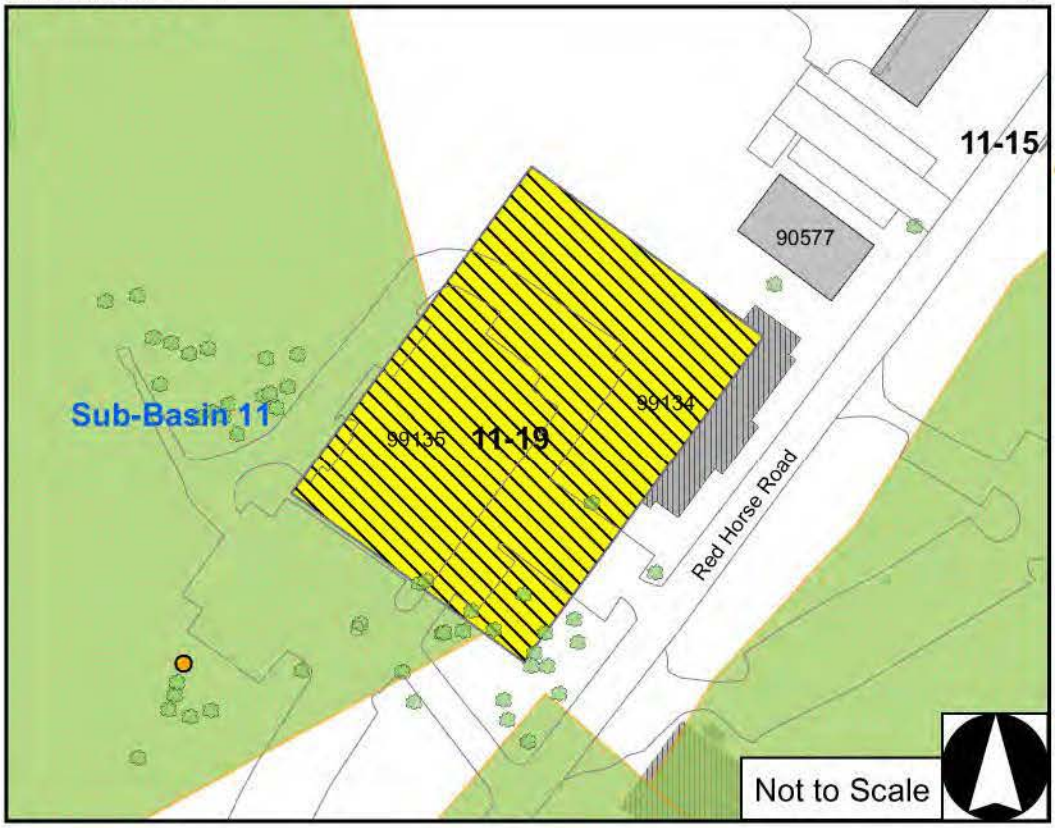
EA Projects- Alternative Sitings

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- Other Alternative Sitings
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Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

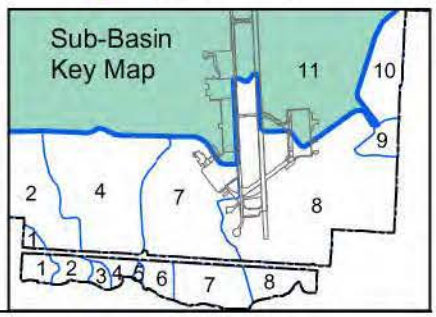
Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-19	
Project Title	Squadron Operations Facility. 18 FLTS	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV963012	
Project Type	New	
Demolition Linkage	Buildings 99134 & 99135	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	49,380.6	
Square Footage of Parking Lot or Roadway Improvement	0.0	

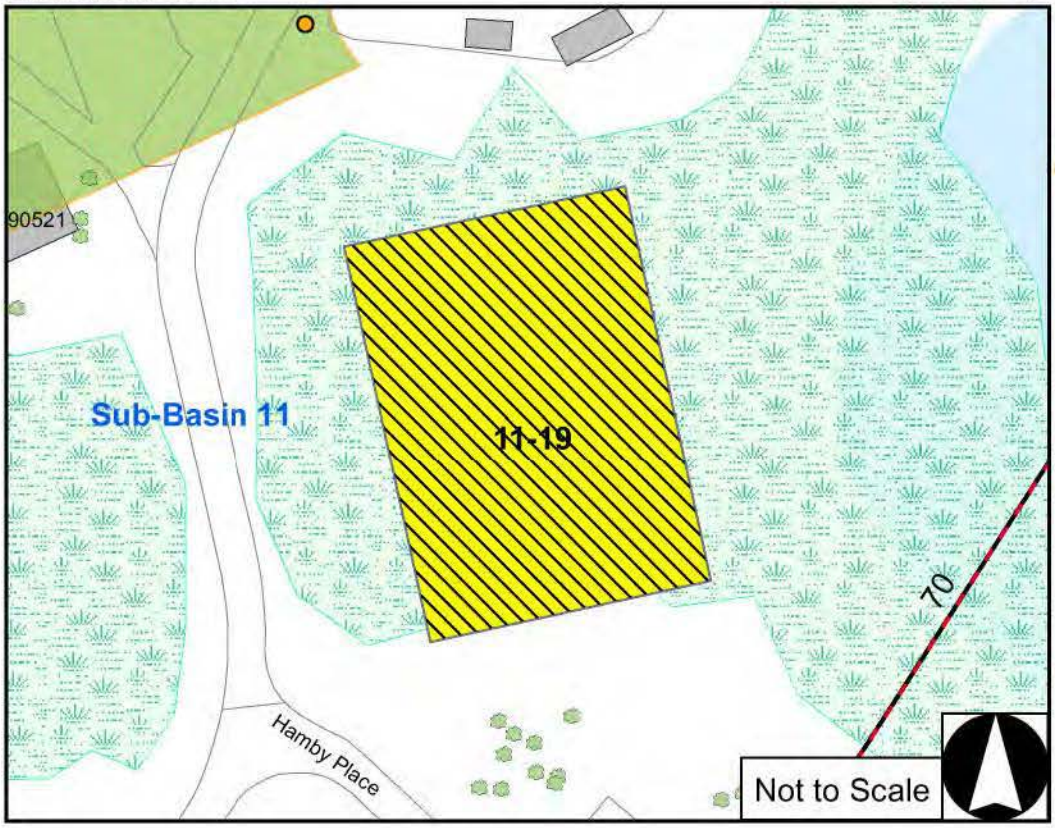
Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	13,881.3 sf SD-212
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	6
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Industrial/ Open Space/ Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Red Horse Road

Legend

EA Projects
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Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-19	
Project Title	Squadron Operations Facility. 18 FLTS	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV963012	
Project Type	New	
Demolition Linkage	Buildings 99134 & 99135	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	49,380.6	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	46,930.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Red Horse Road

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

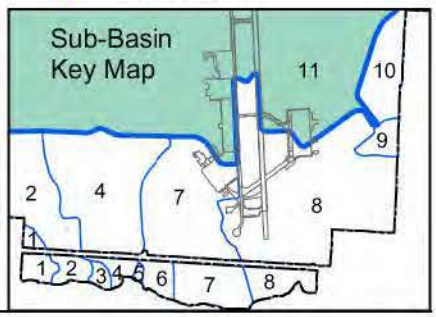
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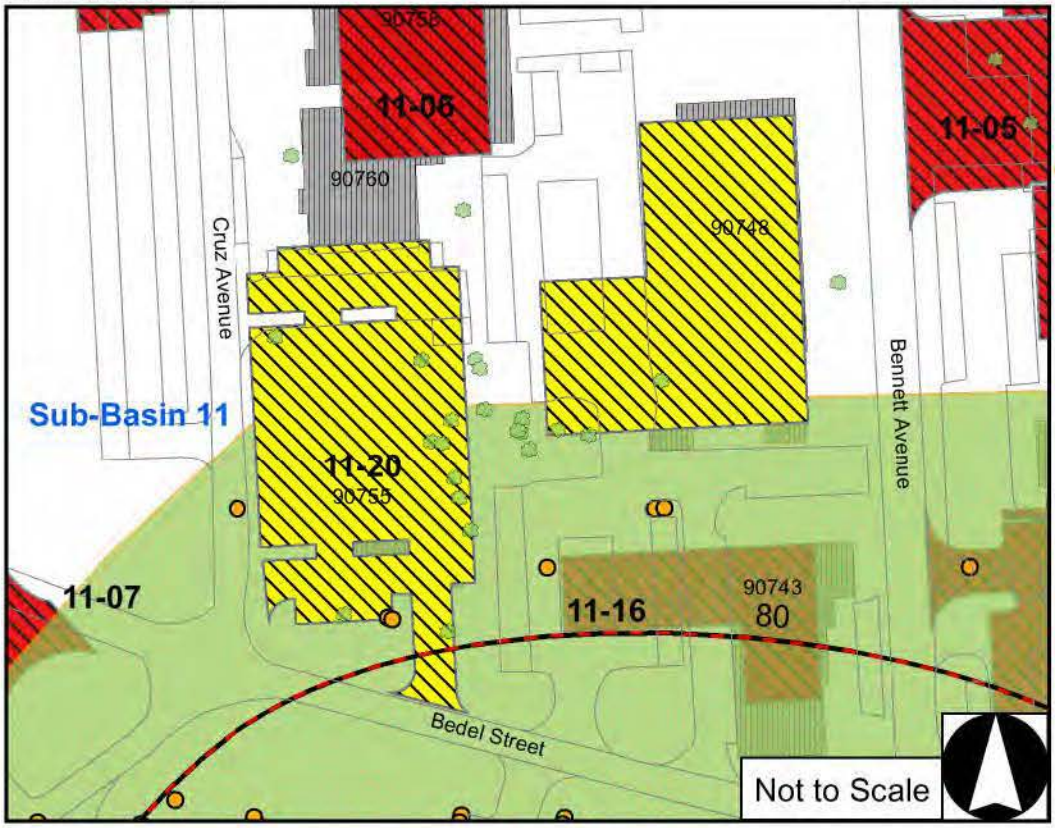
EA Projects- Alternative Sitings

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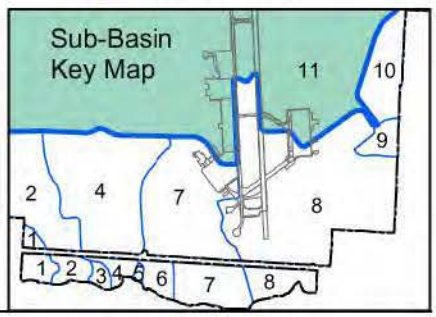


Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

Legend

EA Projects
- 11-20
- Other EA Projects
- Installation Boundary
- Existing Structures
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- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-20	
Project Title	Operations Group/Operations Plans Facility	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV973009	
Project Type	New	
Demolition Linkage	Buildings 90748 & 90755	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	27,000.0	
Square Footage of Parking Lot or Roadway Improvement	32,768.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	22,432 sf SS-125
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	12
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Administration/ Industrial/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	2- Cruz Avenue/ 1-Bedel Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

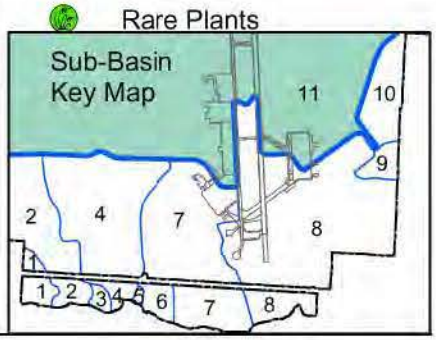
Legend

EA Projects- Alternative Sitings

- 11-20
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

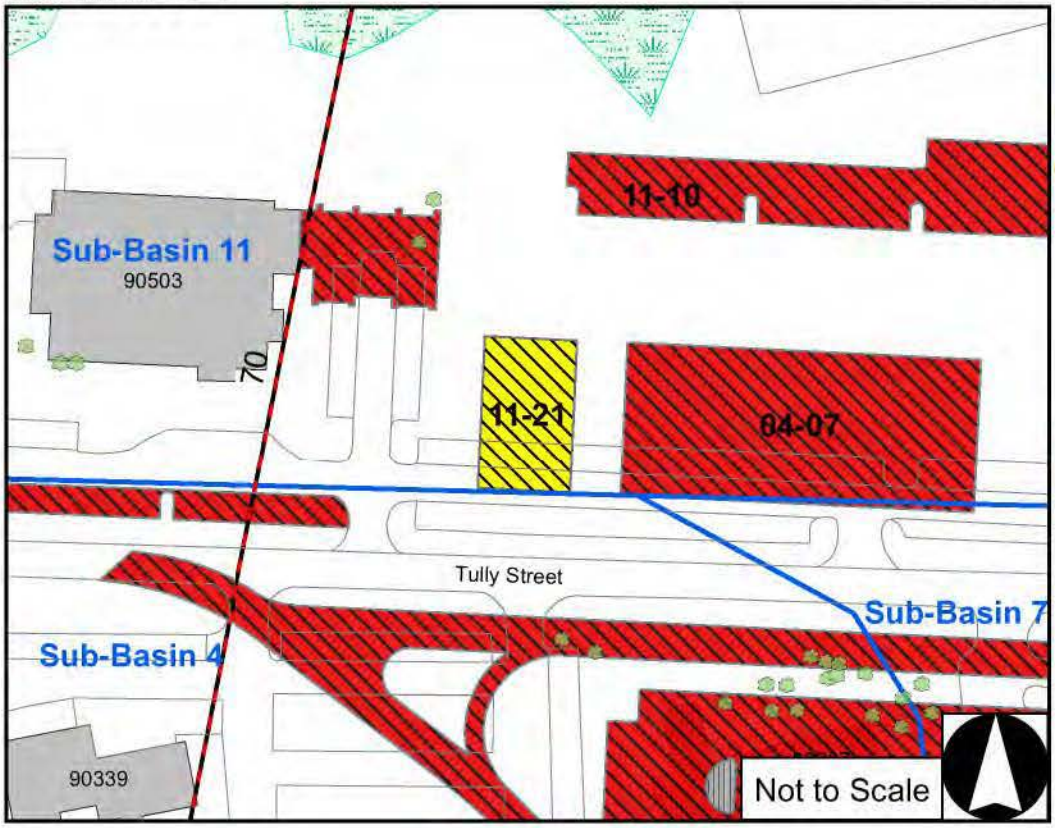
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-20	
Project Title	Operations Group/Operations Plans Facility	
Fiscal Year	FY12	
Funding Source	BA01	
Project Number	FTEV973009	
Project Type	New	
Demolition Linkage	Buildings 90748 & 90755	
Availability of On-site Utilities	Y	
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	27,000.0	
Square Footage of Parking Lot or Roadway Improvement	33,117.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	Airfield Stand-Off- 79 sq. ft.
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	1
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	1- Bennett Avenue



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

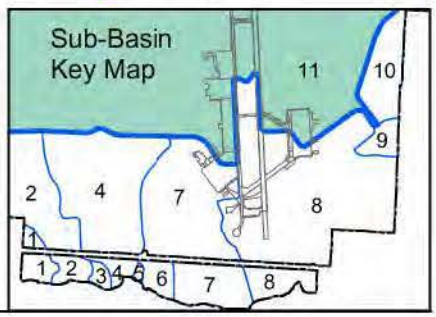
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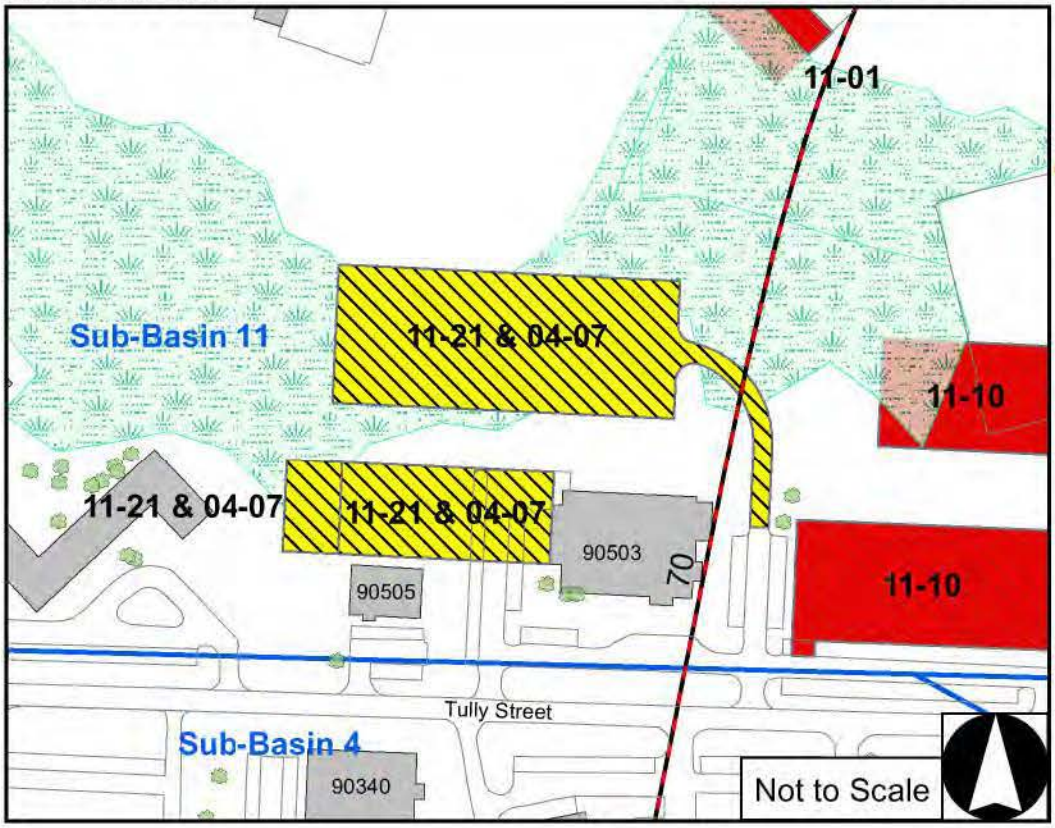
EA Projects
- 11-21
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-21	
Project Title	SOF JSOU Headquarters Facility, Phase 2	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV023014	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	6,000.0	
Square Footage of Parking Lot or Roadway Improvement	0.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street





Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

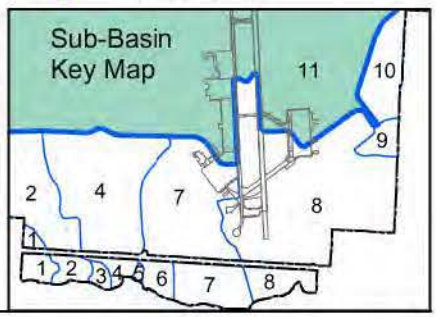
Legend

EA Projects- Alternative Sitings

- 11-21 & 04-07
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

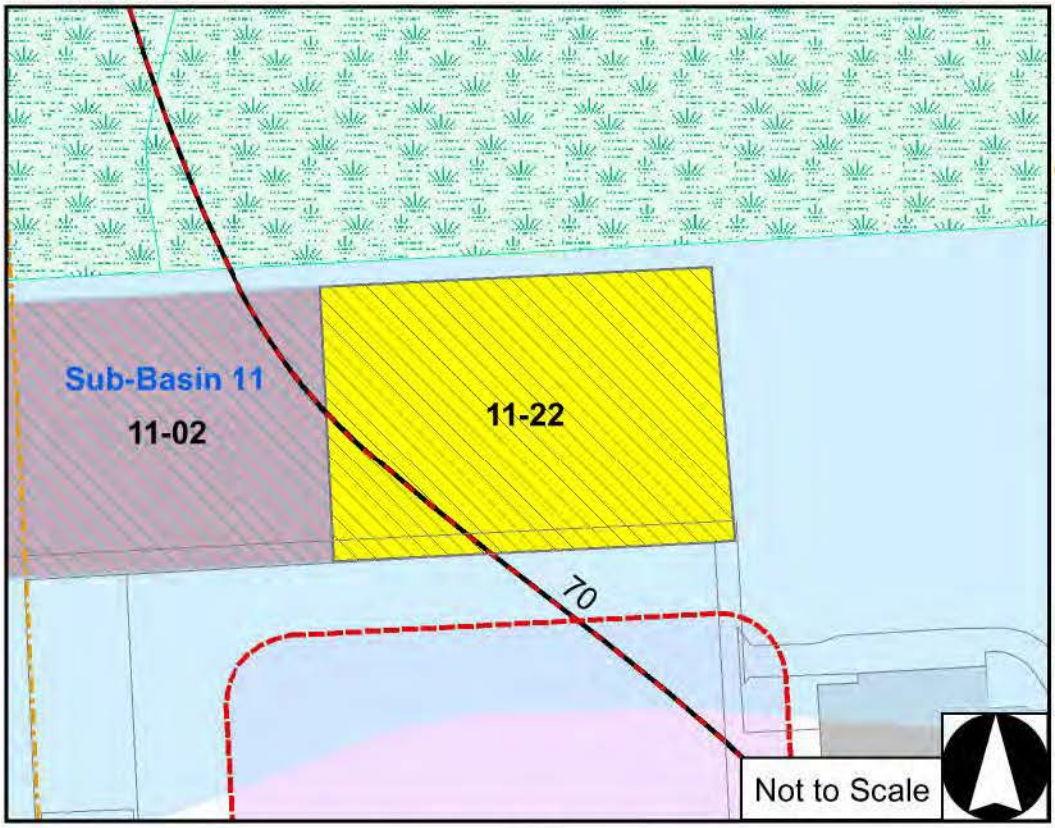
Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-21 & 04-07	
Project Title	SOF JSOU Headquarters Facility, Phase 2 & 3	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV023014	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	29,000.0	
Square Footage of Parking Lot or Roadway Improvement	60,769.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	43,066.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	N
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Outdoor Recreation
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	Tully Street



Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

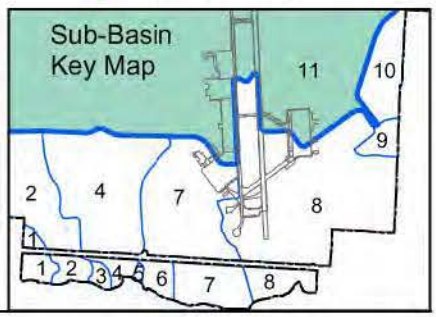
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EA Projects
- 11-22
- Other EA Projects
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants

Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-22	
Project Title	SOF CV-22 Aircraft Parking Apron	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043014	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	129,223.6	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	129,223.4
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	11
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfleid/ Open Space
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None





Impacts by Project		
1391 Information	**Description**	
EA Project Number	11-22	
Project Title	SOF CV-22 Aircraft Parking Apron	
Fiscal Year	FY12	
Funding Source	MFP-11	
Project Number	FTEV043014	
Project Type	New	
Demolition Linkage	None	
Availability of On-site Utilities		
Working Population		
Impervious Surface Area	**Square Footage**	
Square Footage of Building Footprint	0.0	
Square Footage of Parking Lot or Roadway Improvement	129,728.0	

Site Characteristics	Quantity or Identifier	Description
Floodplain Impacts	sq.ft.	0.0
Un-permitted Wetland Impacts	sq.ft.impacted and not covered under existing permits	0.0
Permitted Wetland Impacts	sq.ft. impacted and covered under existing permits	0.0
RTE Habitat	sq.ft.	0.0
Cultural Resources	NRHP site #	0.0
IRP	IRP or AOC #	0.0
Q/D Clear Zone	Source	0.0
AICUZ	within 65db contour	Y
Tree Removal (>6"dbh)	total number requiring removal	0
Surface Water Sub-Basin	Sub-basin number	8
Storm Surge Category	sq.ft. by category	N
Pre-Construction Permit Issues	list - NPDES, PTC, etc	N
Hazardous Materials	future satellite accum. pt. (y/n)	Y
Air Emissions	permit modification required (y/n)	N
Compatibility with Adjacent Land Uses	surrounding land use designations from Land Use Plan	Airfleid/ Operations Maintenance
Adjacent Streets/ Intersections	# curb cuts on __ streets to access facility	None

Environmental Assessment
Hurlburt Field
Hurlburt Field, Florida

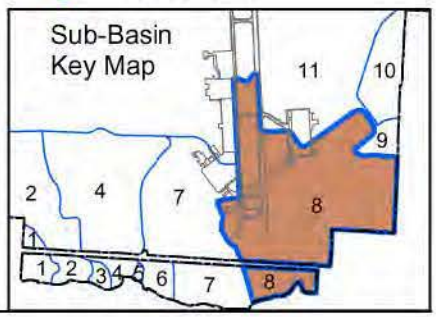
Legend

EA Projects- Alternative Sitings

- 11-22
- Other Alternative Sitings
- Installation Boundary
- Existing Structures
- Demolitions
- AICUZ Noise Contours
- Airfield Clear Zone
- 100-year Floodplain
- IRP Sites
- Q/D Arcs
- Wetlands
- Sub-Basins

Storm Surge Category

- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- Stormwater Ponds
- Monitoring_Wells
- Trees
- Exotic Plants
- Rare Animals
- Rare Plants



Appendix C
DD Form 1391s



APPENDIX C
DD FORM 1391S

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1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL SECURITY FORCE OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	730-835	FTEV943001	1,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
ADAL SECURITY FORCES OPERATIONS				1,343
ADDITION	SM	536	1,655	(887)
ALTERATIONS	SM	622	720	(448)
ANTITERRORISM FORCE PROTECTION	SM	1,158	7	(8)
SUPPORTING FACILITIES				365
UTILITIES	LS			(100)
SITE IMPROVEMENTS	LS			(35)
PAVEMENTS	LS			(85)
COMMUNICATION SYSTEM	LS			(145)
SUBTOTAL				1,708
CONTINGENCY (5.0 %)				85
TOTAL CONTRACT COST				1,793
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				102
TOTAL REQUEST				1,896
TOTAL REQUEST (ROUNDED)				1,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(110.0)

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, and sloped metal roof. Functional areas include administration, guardmount, conference, locker and shower rooms, and a temporary holding cell. Alter interior of existing facility to accomodate addition. Comply with DoD force protection requirements per unified facilities criteria.

Air Conditioning: 30 Tons

11. REQUIREMENT: 1,851 SM ADEQUATE: 693 SM SUBSTANDARD: 622 SM

PROJECT: ADAL Security Forces Operations. (Current Mission).

REQUIREMENT: This project is required to provide space for administration functions, guardmount and conference room, lockers and shower rooms due to increases from 80 to 223 personnel. In addition, 60 Army National Guard personnel have been deployed to Hurlburt Field to augment security forces in support of Global War on Terrorism. Comply with DoD force protection requirements per unified facilities criteria.

CURRENT SITUATION: The existing facility was constructed in 1979 for 80 personnel. There is insufficient space in the existing facility for administrative personnel, guardmount or locker/shower rooms to accommodate the increases in unit manning. Daily guardmount briefings and squadron training compete for the same 400 SF training room. In addition, lack of holding cells have forced the security personnel to use office space to separate witnesses from suspects. Due to lack of space, the security forces analysis section is operating out of temporary space away from the operations facility.

IMPACT IF NOT PROVIDED: Security forces will continue to be operate in a poorly configured and inadequately sized facility. As the additional personnel are assigned to the unit, this will further decline the morale and performance of these personnel.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL SECURITY FORCE OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	730-835	FTEV943001	1,900

ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicates only one-option meets operational requirements. Base Civil Engineer: Jeffrey L. Pitchford, Lt Col, 850-884-7701. Addition: 536 SM = 5,768 SF; Alterations: 622 SM = 6,693 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL SECURITY FORCE OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	730-835	FTEV943001	1,900

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2006	15%
* (d) Date 35% Designed	15-SEP-05
(e) Date Design Complete	15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	114
(b) All Other Design Costs	57
(c) Total	171
(d) Contract	150
(e) In-house	21

(4) Construction Contract Award	06 DEC
(5) Construction Start	07 JAN
(6) Construction Completion	07 DEC

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
SYSTEM FURNITURE	3400	2007	50
COMMUNICATION EQUIPMENT	3400	2007	60

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	TEMPORARY LIVING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	740-457	FTEV953013	1,950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				1,430
TEMPORARY LIVING FACILITY	SM	1,300	1,100	(1,430)
SUPPORTING FACILITIES				320
UTILITIES	LS			(80)
PAVEMENTS	LS			(80)
SITE IMPROVEMENTS	LS			(80)
DEMOLITION	LS			(80)
SUBTOTAL				1,750
CONTINGENCY (5.0 %)				88
TOTAL CONTRACT COST				1,838
SUPERVISION, INSPECTION AND OVERHEAD (6.0 %)				110
TOTAL REQUEST				1,948
TOTAL REQUEST (ROUNDED)				1,950

10. Description of Proposed Work: Construct a 24 unit Temporary Living Facility (TLF) with kitchenettes, service unit/linen room, and storage/utility room. Includes asphalt drive and parking area, landscaping, concrete sidewalks, demolition of Bldgs 90344 & 90345, utilities and all necessary support. Provide individual heating and airconditioning for each unit.
Air Conditioning: 36 Tons

11. REQUIREMENT: 1,324 SM ADEQUATE: 24 SM SUBSTANDARD: 0 SM

PROJECT: Construct Temporary Living Facility.

REQUIREMENT: This facility is required to provide temporary living quarters for incomimg and outbound families at this location.

CURRENT SITUATION: There are currently 24 TLF units at Hurlburt Field. Temporary off-base living quarters are non-existant in the Fort Walton Beach area during the tourist season, May through September, which is the same period that TLFs are in highest demand. Contract quarters are extremely limited to supplement on-base transient quarters. During the tourist season, the average hotel/motel room exceeds $60.00 per day for a family of four, creating an extreme burden on a typical Air Force family. Most hotels/motels are considered inadequate for families due to location and economic factors. Not only do the rates vary during the tourist season,but travel time is also increased. The hotels/motels that are 20 minutes away in the off season, may require 30-40 minutes travel time during the tourist season due to congestion and limited access. The Fort Walton Beach area is designated a "high cost of living" area during the summer season. The Canadian tourist flow into this area in the winter months has been increasing about 10 percent per year in the past few years. Indications are that this area will soon have a summer and winter tourist season. Long-range projections indicate that hotel/motel rooms will not be able to support military family PCS to this

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE TEMPORARY LIVING FACILITY	
5. PROGRAM ELEMENT	6. CATEGORY CODE 740-457	7. PROJECT NUMBER FTEV953013	8. PROJECT COST ($000) 1,950

area in the next five years. There are no suitable private facilities conducive to government leasing within 30 minutes of Hurlburt Field.

IMPACT IF NOT PROVIDED: The lack of sufficient temporary living facilities to support PCS families to and from Hurlburt Field is having a negative impact on mission performance. If this TLF is not provided we can expect military personnel morale to continually regress.

1. COMPONENT	FY 2006 PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MEI-REALIGN O'NEILL AVENUE/INSTALL TRAFFIC LIGHTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	851-147	FTEV962010	EEIC 529 413.0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				311.5
CLEARING	LS			(5.0)
FILL AND COMPACT	CY	3,500	25	(87.5)
CULVERTS AND HEADWALLS	LS			(18.0)
PRIME COAT AND ASPHALT PAVEMENT	SY	3,000	10	(30.0)
STRIPING	LS			(1.0)
TRAFFIC LIGHTS	LS			(110.0)
METAL POLES AND CONTROL SYSTEMS	LS			(60.0)
SUPPORTING FACILITIES				15.0
RELOCATE UTILITIES	LS			(15.0)
SUBTOTAL				326.5
PROFIT AND OVERHEAD (26.5 %)				86.5
TOTAL FUNDED COST				413.0
UNFUNDED COST (10 %)				41.3
TOTAL REQUEST				454.3

10. Description of Proposed Work: Clear area, fill and compact base material, install culverts and headwalls, prime coat and place 2" asphalt pavement. Install traffic signals at intersection of Independence Road and O'Neill/Terry Avenues. Includes metal poles, cross arms, control system, semi-actuated detectors in pavement and pedestrian pushbuttons. Includes relocation of utilities and pavement striping as required.

11. Requirement: As Required.

PROJECT: Realign O'Neill Avenue at the intersection of Terry Avenue and Independence Road and install traffic signals.

REQUIREMENT: This project is required to provide a ninety degree intersection with Terry Avenue and Independence Road. It will provide a left turn lane onto Independence Road to eliminate an unsafe condition that causes traffic backups during rush hours. Traffic signals are required at this new intersection to permit safe and efficient traffic flow.

CURRENT SITUATION: Currently the intersections of O'Neill Avenue and Terry Avenue with Independence Road are only 300 feet apart. Due to heavy traffic on Independence Road personnel making a left turn from O'Neill Avenue have a difficult time merging onto Independence Road safely.

IMPACT IF NOT PROVIDED: Without this project this intersection will continue to be unsafe, contributing to traffic backups and a potential accident site.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF MAINTENANCE OPERATIONS SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV963008	4,850

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF MAINTENANCE OPERATION SQD FACILITY				3,834
MAINTENANCE OPERATIONS SQD FACL (28394 SF)	SM	2,638	1,446	(3,815)
FORCE PROTECTION @ 0.5% OF STRUCTURE	LS			(19)
SUPPORTING FACILITIES				530
UTILITIES	LS			(150)
PAVEMENTS	LS			(160)
SITE IMPROVEMENTS	LS			(120)
COMMUNICATIONS	LS			(100)
SUBTOTAL				4,364
CONTINGENCY (5.0 %)				218
TOTAL CONTRACT COST				4,582
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				261
TOTAL REQUEST				4,843
TOTAL REQUEST (ROUNDED)				4,850
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(450.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloping metal roof. Functional areas include administrative areas, classrooms, quality assurance, analysis and maintenance operations areas. Includes utilities, parking and all other support. Force protection includes structural reinforcement of exterior walls and tempered glass windows

Air Conditioning: 70 Tons

11. REQUIREMENT: 6,840 SM ADEQUATE: 4,202 SM SUBSTANDARD: 0 SM

PROJECT: Construct a Maintenance Operations Squadron Facility. (Replacement & Deficit Solution)

REQUIREMENT: This project is required to provide an adequate facility for the Maintenance Operations Squadron command section and orderly room, maintenance operations, maintenance training, Logistics Group quality assurance and the base master technical order (TO) library. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The Maintenance Operations Squadron functions and maintenance operations functions are located in facilities with totally inadequate space. The quality assurance and maintenance training functions are located in inadequate office space in the main hangar. The training function is expanding, which will require larger classroom space. No other facility exists that could be used or converted for these requirements. The training functions are located in three facilities, inadequate in size and configuration.

IMPACT IF NOT PROVIDED: The Maintenance Operations Squadron will continue to be housed in inadequate facilities which will affect the morale and productivity of the personnel.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF MAINTENANCE OPERATIONS SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV963008	4,850

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1024, "Standard Facility Requirements." All known alternative options were considered during the development of this project. No other options could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6, Joint Use was considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF MAINTENANCE OPERATIONS SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV963008	4,850

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started

(b) Parametric Cost Estimates used to develop costs — YES

* (c) Percent Complete as of 01 JAN 2011

* (d) Date 35% Designed

(e) Date Design Complete

(f) Energy Study/Life-Cycle analysis was/will be performed — NO

(2) Basis:

(a) Standard or Definitive Design - — NO

(b) Where Design Was Most Recently Used -

(3) Total Cost (c) = (a) + (b) or (d) + (e): — ($000)

(a) Production of Plans and Specifications

(b) All Other Design Costs

(c) Total

(d) Contract

(e) In-house

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORK STATION	3400	2010	450

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 18 FLTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV963012	7,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF SQ OPS FAC (18 FLTS)				5,761
SQUADRON OPERATIONS FACILITY (44,715 SF)	SM	4,154	1,380	(5,733)
FORCE PROTECTION @ 0.5% STRUCTURE COST	LS			(29)
SUPPORTING FACILITIES				1,008
UTILITIES	LS			(290)
SITE IMPROVEMENTS	LS			(212)
PAVEMENTS	LS			(218)
DEMOLITION/ASBESTOS REMOVAL (BLDG 90343)	SM	1,053	84	(88)
COMMUNICATION SYSTEM	LS			(200)
SUBTOTAL				6,770
CONTINGENCY (5.0 %)				338
TOTAL CONTRACT COST				7,108
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				405
TOTAL REQUEST				7,513
TOTAL REQUEST (ROUNDED)				7,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(440.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, masonry walls and sloped metal roof. Functional areas include administration, planning and briefing areas to plan, conduct and report on developmental, qualification and operational testing, as well as the development of flight crew tactics for HQ AFSOC's fixed wing, vertical lift and tilt-rotor aircraft systems. Includes demolition of one building, utilities, parking and all other necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered glass windows. Air Conditioning: 112 Tons

11. REQUIREMENT: 17,091 SM ADEQUATE: 12,937 SM SUBSTANDARD: 1,053 SM

PROJECT: Construct a Squadron Operations Facility (Current Mission).

REQUIREMENT: A combined test facility for the 18th Flight Test Squadron (18 FLTS), Detachment 1 of the 46th Operations Group (Det 1, 46 OG) and HQ AFSOC/XPTT to plan, brief, conduct and report on developmental, qualification and operational testing of all Air Force Special Operations aircraft. The building design must address unique facility requirements such as classified Local Area Network, classified cells for data processing, data analysis, tactics development, mission planning, as well as briefing rooms certified for classified briefings. An industrial shop and equipment storage space is required for combined airborne instrumentation flight. The new building design needs to incorporate the common needs of two squadrons (18 FLTS and Det 1, 46 OG) as well as HQ AFSOC/XPTT and the peculiar needs of the Tactics Development Flight, Airborne Instrumentation Flight, Flight Operations Center, Life Support Shop and Data Management offices. Standard office space is required for unit commanders and their support staffs to conduct command and squadron duties. An auditorium is required for large-scale

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 18 FLTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV963012	7,500

briefings and Tactics Development conferences and conference rooms are needed for commander's staff meetings, Test Readiness Reviews and Test Planning Working Group meetings. Force protection will be incorporated IAW Installation Force Protection Guidance.

CURRENT SITUATION: The existing squadron operations facilities currently being used are inadequate for the expanded size of the 18 FLTS. The squadron is spread between three buildings, making day-to-day squadron operations extremely difficult and delaying the accomplishment of the aircraft test mission. The squadron was forced to lease office and storage space downtown to prevent additional overcrowding. Transition from downtown offices while conducting flight test operations causes delays with test planning, equipment and personnel transition times and test execution, which ultimately reduces operational availability of low density, high demand SOF aircraft. Not having adequate environmentally controlled shop/shelf space means exposing expensive, unique electronic equipment to Florida's high-humidity environment. This induces and accelerates component corrosion and deterioration of equipment and shipping containers. Being forced to use off-base storage also means that additional man-hours are consumed when transporting to temporary storage. Shop space for the instrumentation flight is also totally inadequate. There are no facilities on base that could be improved or converted for this requirement.

IMPACT IF NOT PROVIDED: The lack of an adequate combined test operations facility for the 18 FLTS, Det 1, 46 OG and HQ AFSOC/XPTT, will prolong testing, hinder communications, and finally delay critical test results to multiple ACAT I programs and to Special Operations forces training and fighting worldwide. The lack of such a facility will seriously hamper the USAF's and DoD's efforts to conduct combined developmental and operational testing that maximizes the use of scarce assets and test ranges. Using dilapidated facilities costs the organizations time and money in research, planning, instrumentation, execution and reporting on tests with direct impact on combat capability. Continued use of the old facilities requires piecemeal, and costly repairs and updating of electrical systems, heating and air conditioning, communication technology like SIPRNET connections, security improvements and satellite links used for testing. Being forced to rent space downtown for storage is a waste of money better used for direct testing support. Sensitive electronic equipment critical to test data collection will incur increased rates of damage from excessive transportation and handling, as well as from increased exposure to high humidity. Failure of these systems during testing will cause loss of data. They will have to be replaced and missions re-flown, increasing the operational down time of the aircraft. The bottom line is that the test organizations are wasting prodigious amounts of time, money and keeping AFSOC's LD/HD critical assets in a test status and delaying the fielding of new and upgraded weapon systems to the warfighter by being forced to use outdated, overcrowded and over utilized facilities.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A Certificate of Exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 18 FLTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV963012	7,500

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6, Joint use construction has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 18 FLTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV963012	7,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	30-DEC-04
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	01-APR-05
(e) Date Design Complete	01-SEP-05
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	503
(b) All Other Design Costs	247
(c) Total	750
(d) Contract	563
(e) In-house	187

(4) Construction Contract Award	05 NOV
(5) Construction Start	06 JAN
(6) Construction Completion	07 JAN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORK STATIONS	3400	2007	440

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF ENGINE MAINTENANCE AND STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-157	FTEV973006	8,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF ENGINE MAINTENANCE AND STORAGE FACILITY				5,597
ENGINE MAINT & STRG SHOP (44,260 SF)	SM	4,112	1,351	(5,556)
FORCE PROTECTION	LS			(41)
SUPPORTING FACILITIES				2,062
UTILITIES	LS			(352)
PAVEMENTS	LS			(361)
SITE IMPROVEMENTS	LS			(255)
RELOCATE ENGINE TEST STANDS	LS			(444)
COMMUNICATION SYSTEM	LS			(133)
DEMOLITION	LS			(295)
ASBESTOS/LEAD PAINT ABATEMENT	LS			(222)
SUBTOTAL				7,658
CONTINGENCY (5.0 %)				383
TOTAL CONTRACT COST				8,041
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				458
TOTAL REQUEST				8,500
TOTAL REQUEST (ROUNDED)				8,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(935)

10. Description of Proposed Construction: Concrete foundation and floor slab, structural steel frame, masonry walls and sloping metal roof. Includes fire suppression, access road, removal of concrete and earth mound, relocation of engine test stands and all necessary support. Demolish one building (B/90131) for a total of 2418 SM and one structure (firing-in-buttress). Includes minimum DoD force protection standards.

Air Conditioning: 110 Tons

11. REQUIREMENT: 4,409 SM ADEQUATE: 297 SM SUBSTANDARD: 2,418 SM

PROJECT: Construct an aircraft engine inspection and repair shop combined with an aircraft accessories repair shop (Replacement/Deficit Solution).

REQUIREMENT: An adequate facility is required to inspect, repair, maintain and store aircraft engines, propellers, various stands, racks and kits to support the SOF aircraft at Hurlburt Field and other locations. This facility is also required to house the 16 CRS Accessories Flight which performs disassembly, inspection, repair, and storage of aircraft accessories and components to support the SOF aircraft at Hurlburt Field and other locations. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: The existing facility provides only about half of the space required to adequately support engine inspection and repair operations. The engine shop was built in the mid 1950's, added to in 1992, but is still severely undersized and cannot support the additional workload generated by the beddown of SOF aircraft at Hurlburt

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF ENGINE MAINTENANCE AND STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-157	FTEV973006	8,500

Field. There are no facilities on base that can be altered to accommodate this function. The 16 CRS Accessories Flight is currently occupies 5,000sf of space in building 90700 (Eason Hangar) and storage space in other various facilities on base. A common walkway passes directly through the existing high pressure test stand area of the Accessory Flight. Make shift work areas such as this create dangerous work environments and effects the morale of these highly skilled military personnel performing mission critical maintenance work.

IMPACT IF NOT PROVIDED: Vital equipment and supplies will continue to deteriorate prematurely from outside storage. Inadequate material controls will persist and excessive maintenance time will result due to inability to issue parts in a timely manner. No other storage facilities are available to solve this space deficiency. This problem is compounded by the requirement to maintain and repair other worldwide SOF engine assets and associated equipment.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701. 4,112 SM = 44,260 SF
Anti-terrosism/force protection measures will be included in accordance with the Unified Facilities Criteria (UFC) 4-010-01, DoD Minimum Anti-Terrorism Standards for Buildings dated 8 October 2003, and updates as applicable. This project will comply with U. S. Army Corps of Engineers Technical Instruction 800-01, dated 20 July 1998 or later, and the Installation Design Guide.

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components. N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF ENGINE MAINTENANCE AND STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-157	FTEV973006	8,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 310

(4) Construction Contract Award 06 DEC

(5) Construction Start 07 FEB

(6) Construction Completion 08 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2008	481
COMMUNICATIONS EQUIPMENT	3400	2008	454

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	IMPROVE WATER SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	842-245	FTEV973008	3,550

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
IMPROVE WATER DISTRIBUTION				2,665
WATER DISTRIBUTION MAINS	M	3,650	423	(1,544)
WATER TANK, 250 KG	EA	1	*********	(1,121)
SUPPORTING FACILITIES				545
UTILITIES	LS			(246)
PAVEMENTS	LS			(187)
FIRE HYDRANTS	EA	20	5,600	(112)
SUBTOTAL				3,210
CONTINGENCY (5.0 %)				160
TOTAL CONTRACT COST				3,370
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				192
TOTAL REQUEST				3,563
TOTAL REQUEST (ROUNDED)				3,550

10. Description of Proposed Construction: Install a 250,000 gallon elevated steel tank, install 10 inch PVC water maines, including fire hydrants and valves. Includes paverment repair, utilities relocation and other necessary support.

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

PROJECT: Improve water distribution system (Current Mission).

REQUIREMENT: An additional elevated base water tank and associated distribution system is required to provide adequate fire protection, to meet peak flow demand and to correct environmental problems.

CURRENT SITUATION: Increased water consumption has resulted from base population growth and mission expansion. The existing base water distribution system is inadequate to meet current peak flow demands for both consumption and fire protection. Additionally, the current system has a problem meeting Safe Drinking Water Act (SDWA) criteria for lead and copper. The new system must bring the base's potable water into compliance with SDWA, eliminate several dead end water mains, and eliminate some old asbestos cement water pipes.

IMPACT IF NOT PROVIDED: The water distribution system will continue to be inadequate, exposing the base to water shortages and possible fire protection risks.

ADDITIONAL: There is not criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Standard Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850-884-7701.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project and does

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	IMPROVE WATER SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	842-245	FTEV973008	3,550

not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	IMPROVE WATER SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	842-245	FTEV973008	3,550

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	06-JUL-04
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	35%
* (d) Date 35% Designed	01-JAN-06
(e) Date Design Complete	08-JUL-05
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	141
(b) All Other Design Costs	94
(c) Total	235
(d) Contract	176
(e) In-house	59

(4) Construction Contract Award	05 OCT
(5) Construction Start	05 DEC
(6) Construction Completion	07 JAN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	OPERATIONS GROUP/OPERATIONS PLANS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-454	FTEV973009	5,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF OPS GROUP/OPERATIONS PLANS FACL				3,675
OPERATIONS/SPECIAL PLANS FACL (19600 SF)	SM	1,820	1,254	(2,282)
COMMAND/SUPPORT STAFF (11060 SF)	SM	1,030	1,254	(1,292)
FORCE PROTECTION (0.5%)	LS			(18)
SUSTAINABILITY CONSTRUCTION @ 5%	LS			(83)
SUPPORTING FACILITIES				1,180
UTILITIES/SITE IMPROVEMENTS	LS			(480)
PAVEMENTS	LS			(240)
DEMOLITION/ASBESTOS REMOVAL	SM	1,952	95	(185)
LEASE RELOCATABLE BUILDING	SM	1,030	150	(155)
COMMUNICATIONS SYSTEM	LS			(120)
SUBTOTAL				4,855
CONTINGENCY (5.0 %)				243
TOTAL CONTRACT COST				5,097
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				291
TOTAL REQUEST				5,388
TOTAL REQUEST (ROUNDED)				5,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(500.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and metal roof. Commander's and administrative offices, plans offices, crypto and WWMCS rooms, briefing, testing and equipment rooms. Includes a leased temporary facility, demolition of two buildings, utilities, parking and all other support. Force protection includes structural reinforcement of exterior walls and tempered insulated glass windows.

Air Conditioning: 268 Tons

11. REQUIREMENT: 83,932 SM ADEQUATE: 53,272 SM SUBSTANDARD: 2,500 SM

PROJECT: Construct an Operations Group/Operations Support Squadron Facility. (Current Mission)

REQUIREMENT: This project is required to provide an adequate facility for the 16th Operations Group Command, Training and Operations Plans functions. A modern, secure facility is needed for effective command and control of the wing's resources. A secure special plans facility is needed to plan and conduct clandestine special operations. This project will consolidate the functions in one facility. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The Operations Group and Operations Support Squadron are currently housed in facilities that are inadequate in size and function. These functions are now in four buildings spread throughout the base.

IMPACT IF NOT PROVIDED: The Operations Group and Operations Support Squadron will

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	OPERATIONS GROUP/OPERATIONS PLANS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-454	FTEV973009	5,400

continue to be housed in inadequate facilities which will affect the morale and productivity of the personnel. The special plans function will be unable to take on some missions due to lack of space and security. The 16 Operations Group will continue to operate in inadequate facilities spread throughout the base.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, " Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. Base Civil Engineer: Jeffery L. Pitchford, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6, Joint Use construction has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	OPERATIONS GROUP/OPERATIONS PLANS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-454	FTEV973009	5,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started

(b) Parametric Cost Estimates used to develop costs — YES

* (c) Percent Complete as of 01 JAN 2011

* (d) Date 35% Designed

(e) Date Design Complete

(f) Energy Study/Life-Cycle analysis was/will be performed — NO

(2) Basis:

(a) Standard or Definitive Design - — NO

(b) Where Design Was Most Recently Used -

(3) Total Cost (c) = (a) + (b) or (d) + (e): — ($000)

(a) Production of Plans and Specifications

(b) All Other Design Costs

(c) Total

(d) Contract

(e) In-house

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2010	500

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	HYDRANT FUELING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	121-115	FTEV973016	17,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
HYDRANT FUELING SYSTEM				14,462
HYDRANT FUELING SYSTEM (76 LITERS/SEC)	OL	4	284,000	(1,136)
FORCE PROTECTION @.5% OF STRUCTURE	LS			(8)
TRANSFER FUEL PIPELINE	LF	10,000	258	(2,580)
STORAGE TANKS (2-10 MBBL)	BL	20,000	54	(1,080)
DISTRIBUTION PUMP HOUSE (2400 GPM) 4456 SF	SF	4,456	586	(2,611)
BULK STORAGE PUMP HOUSE (1200 GPM) 1000 SF	SF	1,000	1,020	(1,020)
FILLSTANDS	EA	2	205,500	(411)
HYDRANT LOOP AND PIPING	LF	6,200	807	(5,003)
FILLSTAND PIPING	LF	1,000	612	(612)
SUPPORTING FACILITIES				1,187
UTILITIES	LS			(931)
OPERATIONS FACILITY	SF	1,000	256	(256)
SUBTOTAL				15,649
CONTINGENCY (5.0 %)				782
TOTAL CONTRACT COST				16,431
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				937
TOTAL REQUEST				17,368
TOTAL REQUEST (ROUNDED)				17,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(527.0)

10. Description of Proposed Construction: Type III constant pressure JP-8 hydrant fuel system in compliance with current Air Force and American Petroleum Institute (API) standards. Supported by two 10 MMBL, above ground fuel storage tanks with concrete containment berms, isolation valves, drains and all other compliance appurtenances. Construct a 1,200 gpm bulk storage transfer pumphouse and a 2,400 gpm distribution pumphouse with current safety/emergency features, oil-water separators, backup generators, product recovery systems, and receipt filter separators with product flow meters and associated hardware. Construct dual truck fill stand island equipped with spill containment, emergency shut-off switches/current safety features, and pumphouse control room with microprocessor controls protected in an area adjacent to hydrant outlets to establish fuel servicing safety zones with paved road for accessibility of refueling equipment and fire protection units/personnel. Includes piping loop connecting receipt lines to existing bulk storage facilities located in the bulk fuel storage area to enable hydrant stock replenishment, and commercial/miliatry truck offloading headers to facilitate secondary receipt mode. Includes utilities, cathodic protection and leak detection systems.

Air Conditioning: 3 Tons

11. REQUIREMENT: 2,400 GM ADEQUATE: 0 GM SUBSTANDARD: 0 GM

PROJECT: Install 4- outlet Type III hydrant fueling system to comply with paragraph

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	HYDRANT FUELING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	121-115	FTEV973016	17,500

3.3 of AFH 32-1084 This project complies with DPG & deliberate planning factors. A separate classified page outlining references & specifics (marked with an asterisk*) is available at the Air Force SCP.

REQUIREMENT: MISSION: STRATEGIC: Immediate deployment for AFSOC low-density, high-demand resources tasked for joint operations identified in DPG and multiple CONPLANs/OPLANs. Primary Forward Area Refueling Point unit; C-130 series aerial refueling, gunship support, commando solo and psychological operations; pararescue and combat air control; short notice humanitarian missions; shipboard naval operations; unconventional warfare, counter proliferation, direct action, special reconnaissance, civil affairs, combating terrorism, foreign internal defense and information operations. Supports ACC associate unit, 823rd Red Horse Squadron in ready to deploy status. GWOT/OIF missions originated directly from Hurlburt. MISSION SUCCESS: MODERATE: This project will increase fuel throughput capability by 100% from the two additional fillstands, reduce ground refueling time by 80%, and provide adequate fuel supply for wide-body traffic using the hydrant outlets. Additional fuel storage capacity will sustain IMP POS/BPWRS* requirement. Compliance with DPG & deliberate planning factors will definitely increase probability of mission success. COMMAND PRIORITY:COMPLIES WITH NATIONAL GUIDANCE*, DPG, and is AFSOC's #1 priority project for fueling support infrastructure. INFRASTRUCTURE: NO FACILITY. Facility is required, but increased demand with MDS conversion to CV-22 and bottleneck at existing fillstands during wide-body aircraft deployment preparation time constraints will result in mission failure. Currently average 210 MH-53 fuel servicings per month; expect 196 CV-22 fuel servicings per month; up to 300% fuel requirement increase; can only service three CV-22's per R-11 refueler vice four MH-53's; will increase turn time. At least one-year lag time for current refueling unit validation process to catch up to CV-22 transition, however, the bottleneck at the existing fillstands will negate increased number of fuel trucks under OPLAN time constraints. PROJECT TYPE: FUEL HANDLING.

CURRENT SITUATION: Hurlburt is authorized only nine R-11 refueling units. One truck is normally dedicated to JP-5 support for MH-53 shipboard operations. Upon receipt of deployment orders, our fleet of 17 MH-53s immediately requires two dedicated defuel units for teardown preparations and airlift to the AOR. This represents an increase of 300% in defuel requirements. The potential strongly exists where Hurlburt Field is left with only 7 refueling units (77%), after converting the JP-5 unit to JP-8 service, to support 30-40 home station aircraft as well as a steady flow of wide-bodies to airlift deploying MH-53s, support equipment, and personnel. There is no alternative means of fuel delivery other than by truck. The two fillstands are not capable of turning trucks in time to meet wide-body aircraft fuel and ground time deliberate planning factors, and the bulk storage system does not meet IMP reserve requirements. A bottleneck develops at the JP-8 fillstands after the first turn of two trucks which takes 60 minutes; thereafter, the time increases to upwards of 75 minutes. Futhermore, ability to service deploying C-130's will be extremely limited. Average response time will climb to several hours, depending on wide-body fuel needs. Ordering more R-11's is not the answer since existing parking space is at a premium both in the fuel yard and on the east ramp. Assigned fuels personnel may be required to simultaneously deploy on arriving aircraft. The hydrant system will minimize the impact of that potential. In recent months, OIF aircraft were diverted due to our refueling situation. This is unacceptable

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	HYDRANT FUELING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	121-115	FTEV973016	17,500

during CONPLAN/OPLAN support.

IMPACT IF NOT PROVIDED: Hurlburt Field cannot meet existing deliberate plans or increased future GWOT mission requirements with present refueling and storage capability. Mission degradation will increase exponentially as CV-22 MDS conversion begins in FY07. AFSOC operates in the joint operations realm on a daily basis with a large presence in GWOT/OIF regions. Lack of timely and adequate fuel support will result in mission-crippling domino effect for joint SOF response to CINC/Combatant Commander orders.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been performed. CONPLANs must be considered in Hurlburt Field's project considerations.* ECONOMIC BENEFITS: The hydrant fueling system will reduce the recurring cost of providing fuel to the East Apron by truck considerably. The proposed system will pay for itself by the end of the seventh year. Reduce refueling time by 75% (hydrant vice truck servicing); reduce East Ramp servicing response time by 90%; simultaneously refuel two wide-body aircraft or four small-bodied aircraft; increase fuel pumping capability by 400% based on 2400 GPM hydrant system, four times faster than one fuel truck can pump; provide uninterruped C-130 ramp support with remaining R-11 trucks; reduce traffic congestion on East Ramp; meet MDS conversion requirements; become self-sufficient in POS/BPWRS storage ability; AFSOC will comply with DPG/OPLAN MTW fuel requirements and CINC expectations of SOF. ENVIRONMENTAL CRITERIA: Project has no impact on environmental compliance issues. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	HYDRANT FUELING SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	121-115	FTEV973016	17,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-MAY-07
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2009	35%
* (d) Date 35% Designed	01-JAN-08
(e) Date Design Complete	15-AUG-08
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,000
(b) All Other Design Costs	600
(c) Total	1,600
(d) Contract	
(e) In-house	
(4) Construction Contract Award	08 DEC
(5) Construction Start	09 FEB
(6) Construction Completion	10 MAY

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2010	20
R-12 FUEL CARTS (4)	3400	2010	507

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	FIRE CRASH/RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	130-142	FTEV973018	6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
FIRE CRASH/RESCUE STATION				4,123
FIRE STATION	SM	3,040	1,350	(4,104)
ANTITERRORISM FORCE PROTECTION	SM	3,040	6	(19)
SUPPORTING FACILITIES				1,275
COMMUNICATION SYSTEM	LS			(170)
UTILITIES	LS			(350)
PAVEMENTS	LS			(400)
SITE IMPROVEMENTS	LS			(150)
OIL/WATER SEPARATOR	EA	1	34,000	(34)
DEMOLITION	SM	3,055	56	(171)
SUBTOTAL				5,398
CONTINGENCY (5.0 %)				270
TOTAL CONTRACT COST				5,668
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				323
TOTAL REQUEST				5,991
TOTAL REQUEST (ROUNDED)				6,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(115.0)

10. Description of Proposed Construction: Foundation and floor slab, masonry walls, steel frame and sloping metal roof. Functional areas include admin space, bunk, locker, fitness, conference, alarm, dayroom, kitchen, extinguisher maint, storage, oil/water separator, and vehicle bays. Includes utilities pavement and all other support. Comply with DoD force protection requirements per unified facilities criteria. Demolish four facilities (3,055 SM).

Air Conditioning: 105 Tons

11. REQUIREMENT: 3,040 SM ADEQUATE: 0 SM SUBSTANDARD: 3,055 SM

PROJECT: Construct a fire crash/rescue station. (Current Mission).

REQUIREMENT: This project is required to provide an adequate crash/rescue operation, located on the flight line to protect 56 permanently assigned and 13 additional C-130 aircraft schedule to arrive in FY07.

CURRENT SITUATION: The existing wood frame structure built in 1956 is inadequate and poorly configured to support 72 personnel and 16 pieces of major fire protection equipment. In addition, the mechanical, and electrical systems are old and antiquated and and can not be economically upgraded. The mechanical system does not provide adequate heating/cooling to fireman's quarters and the administrative office areas. The electrical system is insufficient to support existing loads. Electrical circuit breaker are reset frequently due to high demands of office computers and equipments. In the vehicle bay area, the concrete floor is sinking due to age of concrete floor slab and heavy weight of new fire protection equipment.

IMPACT IF NOT PROVIDED: Firemen will continue to operate in a facility that is poorly

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE FIRE CRASH/RESCUE STATION	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 130-142	7. PROJECT NUMBER FTEV973018	8. PROJECT COST ($000) 6,000

configured and with deteriorated structural, mechanical, and electrical systems. This will impact the morale and well being of the personnel working under such conditions.

ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done, it indicates only one-option meets operational requirements. A certificate of exception has been prepared. BASE CIVIL ENGINEER:: Jeffrey L. Pitchford, Lt Col, (850) 884-7701. Fire Station: 3,040 SM = 32,710 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis, however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	FIRE CRASH/RESCUE STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	130-142	FTEV973018	6,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	30-APR-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2006	15%
* (d) Date 35% Designed	15-SEP-05
(e) Date Design Complete	15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	360
(b) All Other Design Costs	180
(c) Total	540
(d) Contract	450
(e) In-house	90
(4) Construction Contract Award	06 DEC
(5) Construction Start	07 JAN
(6) Construction Completion	08 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORK STATION	3400	2007	55
COMMUNICATION EQUIPMENT	3400	2007	60

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AIRMAN LEADERSHIP SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-815	FTEV973019	3,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
AIRMAN LEADERSHIP SCHOOL				2,019
FORCE PROTECTION/ANTITERRORISM (.5%)	LS			(9)
AIRMAN LEADERSHIP SCHOOL (13,770 SF)	SM	1,280	1,500	(1,920)
SUSTAINABILITY CONSTRUCTION (5%)	LS			(90)
SUPPORTING FACILITIES				769
UTILITIES	LS			(120)
PAVEMENTS	LS			(135)
SITE IMPROVEMENTS	LS			(140)
COMMUNICATION SYSTEM	LS			(150)
DEMOLITION (6,632 SF)	SM	616	120	(74)
RELOCATE SOFTBALL FIELD	LS			(150)
SUBTOTAL				2,788
CONTINGENCY (5.0 %)				139
TOTAL CONTRACT COST				2,927
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				167
TOTAL REQUEST				3,094
TOTAL REQUEST (ROUNDED)				3,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(240.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloping metal roof. Functional areas include seminar rooms, auditorium, learning resource center, administrative offices, instructor offices and lounges. Includes utilities, parking, site improvements and demolition of one facility (616 SM). Includes minimum DoD interim force protection standards.

Air Conditioning: 35 Tons

11. REQUIREMENT: 1,280 SM ADEQUATE: SM SUBSTANDARD: 616 SM

PROJECT: Airman Leadership School (Current Mission)

REQUIREMENT: An energy efficient, properly configured Airman Leadership School building is required. This facility will house adminstrative offices, seminar rooms, auditorium, learning resource center/heritage room, instructor offices and instructor and student lounges. The new facility will provide a proper educational environment. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: Currently the airman leadership school is operating out of a 1950's vintage church facility that has been converted to meet minimum requirements. This facility is inadequately sized, poorly configured and costly to maintain. One facility will be demolished as a result of this project for a total of 616 SM.

IMPACT IF NOT PROVIDED: Without this project the Airman Leadership School will continue to operate out of an old, inadequate facility. Student and staff growth will be limited to space availability, therefore course expansion and subject improvement will be delayed.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AIRMAN LEADERSHIP SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-815	FTEV973019	3,100

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: Jeffrey L. Pitchford, Lt Col, 850/884-7701. Airman Leadership School: 1296 SM = 13,958 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AIRMAN LEADERSHIP SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-815	FTEV973019	3,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2010	
* (d) Date 35% Designed	
(e) Date Design Complete	
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2008	215
REWIRED WORKSTATIONS	3400	2008	25

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN ROADS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV993011	5,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				2,304
REALIGN ROADS	LS			(2,304)
SUPPORTING FACILITIES				2,304
UTILITIES	LS			(768)
PAVEMENTS	LS			(768)
SITE IMPROVEMENTS	LS			(768)
SUBTOTAL				4,608
CONTINGENCY (10.0 %)				461
TOTAL CONTRACT COST				5,069
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				289
TOTAL REQUEST				5,358
TOTAL REQUEST (ROUNDED)				5,400

10. Description of Proposed Construction: Realign intersections, widen roads, construct new roads and extend existing roads. Work includes demolition of structures, relocation of utilities, refuge lanes, curb and gutters, base work, cut and fill, new driveway accesses from side streets. Includes utilities/lift station relocation, demolition and all necessary support.

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

PROJECT: Improve base road network.

REQUIREMENT: Base road network improvements are needed to support the increased traffic flow which has resulted from Congressionally supported Speciail Operations Forces (SOF) revitalization. Additionally, Okaloosa County has constructed a new 4 lane corridor to the base's east entrance but traffic flow is constricted at the gate since only two lanes currently exist. The lack of adequate refuge lanes and signalization result in significant traffic delays during rush hour. These delays require the use of personnel to direct traffic in order to prevent gridlock.

CURRENT SITUATION: The existing road system was constructed in the 1950's and was designed for a base population of between 2000 to 3000 personnel. Base population has tripled since then and the Community Center has been moved to the east side of the base with no improvements to the basic road system. The new east side Community Center consists of a 76,000 SF Commissary, a 52,000 SF AAFES Shopping Center and a 35,000 SF Clinic which have attracted many retired and active duty patrons and increased traffic flow dramatically. The present road network cannot support the increased traffic flows. Traffic flow through both entrances reduces from four lanes to two lanes, thus creating bottlenecks at the entrances. Congestion and delays occur during normal duty hours. Traffic counts have increased by 22 percent at the Main gate and over 190 percent at the East gate since the SOF build up has occurred. The intersection at Bartley and O'Neil Avenue must have traffic safety improvements done to support existing base development. Existing level of service on Cody and Independence Road is "F", traffic flow is near gridlock during peak periods. The Base Comprehensive Plan Traffic Master Plan

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE REALIGN ROADS	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 851-147	7. PROJECT NUMBER FTEV993011	8. PROJECT COST ($000) 5,400

identifies these two roads as deficient and in need of realignment.

IMPACT IF NOT PROVIDED: Traffic will continue to back up on at the various intersetion due to increased traffic. Traffic will continue to back up on various roads due to a lack of adequate left turn lanes. SOF mission delays will occur on base because of inadequate roads and poor access.

ADDITIONAL: Thre is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Instruction 32-1924, "Standard Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN ROADS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV993011	5,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	04-AUG-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	35%
* (d) Date 35% Designed	01-JAN-07
(e) Date Design Complete	04-AUG-06
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award	06 OCT
(5) Construction Start	06 DEC
(6) Construction Completion	08 JAN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN ROADS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV993011	5,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				2,304
REALIGN ROADS	LS			(2,304)
SUPPORTING FACILITIES				2,304
UTILITIES	LS			(768)
PAVEMENTS	LS			(768)
SITE IMPROVEMENTS	LS			(768)
SUBTOTAL				4,608
CONTINGENCY (10.0 %)				461
TOTAL CONTRACT COST				5,069
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				289
TOTAL REQUEST				5,358
TOTAL REQUEST (ROUNDED)				5,400

10. Description of Proposed Construction: Realign intersections, widen roads, construct new roads and extend existing roads. Work includes demolition of structures, relocation of utilities, refuge lanes, curb and gutters, base work, cut and fill, new driveway accesses from side streets. Includes utilities/lift station relocation, demolition and all necessary support.

11. REQUIREMENT: LS ADEQUATE: LS SUBSTANDARD: LS

PROJECT: Improve base road network.

REQUIREMENT: Base road network improvements are needed to support the increased traffic flow which has resulted from Congressionally supported Speciail Operations Forces (SOF) revitalization. Additionally, Okaloosa County has constructed a new 4 lane corridor to the base's east entrance but traffic flow is constricted at the gate since only two lanes currently exist. The lack of adequate refuge lanes and signalization result in significant traffic delays during rush hour. These delays require the use of personnel to direct traffic in order to prevent gridlock.

CURRENT SITUATION: The existing road system was constructed in the 1950's and was designed for a base population of between 2000 to 3000 personnel. Base population has tripled since then and the Community Center has been moved to the east side of the base with no improvements to the basic road system. The new east side Community Center consists of a 76,000 SF Commissary, a 52,000 SF AAFES Shopping Center and a 35,000 SF Clinic which have attracted many retired and active duty patrons and increased traffic flow dramatically. The present road network cannot support the increased traffic flows. Traffic flow through both entrances reduces from four lanes to two lanes, thus creating bottlenecks at the entrances. Congestion and delays occur during normal duty hours. Traffic counts have increased by 22 percent at the Main gate and over 190 percent at the East gate since the SOF build up has occurred. The intersection at Bartley and O'Neil Avenue must have traffic safety improvements done to support existing base development. Existing level of service on Cody and Independence Road is "F", traffic flow is near gridlock during peak periods. The Base Comprehensive Plan Traffic Master Plan

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN ROADS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV993011	5,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	04-AUG-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	35%
* (d) Date 35% Designed	01-JAN-07
(e) Date Design Complete	04-AUG-06
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award	06 OCT
(5) Construction Start	06 DEC
(6) Construction Completion	08 JAN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	DORMITORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	FTEV993013	9,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
DORMITORY (144 RM)				6,601
DORMITORY	SM	4,752	1,375	(6,534)
ANTITERRORISM FORCE PROTECTION	SM	4,752	14	(67)
SUPPORTING FACILITIES				1,810
UTILITIES	LS			(775)
PAVEMENTS	LS			(650)
SITE IMPROVEMENTS	LS			(350)
COMMUNICATION SYSTEM	LS			(35)
SUBTOTAL				8,411
CONTINGENCY (5.0 %)				421
TOTAL CONTRACT COST				8,831
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				503
TOTAL REQUEST				9,334
TOTAL REQUEST (ROUNDED)				9,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(550.0)

10. Description of Proposed Construction: A three-story facility with reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath/kitchen-room modules, laundry rooms, storage, lounge areas, site preparation, and all other supporting facilities. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows.

Air Conditioning: 450 Tons Grade Mix: E1-E4 144

11. REQUIREMENT: 1,719 RM ADEQUATE: 1,128 RM SUBSTANDARD: 0 RM

PROJECT: Construct a dormitory. (Current Mission)

REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. This project is in accordance with the Air Force Dormitory Master Plan. Comply with DoD new Unified Facilities Criteria, "DoD Minimum Antiterrorism Standards for Buildings."

CURRENT SITUATION: The base has insufficient facilities to accommodate the unaccompanied enlisted personnel housing. Local rentals and utilities are so expensive that enlisted personnel cannot afford to live in off base housing. There are no existing facilities on base that could be converted or improved to the new 1+1 standard.

IMPACT IF NOT PROVIDED: Adequate living quarters will continue to be unavailable resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Lowered morale will contribute to retention difficulties for the Air Force.

ADDITIONAL: This project meets the criteria/scope specified in the new uniform barracks

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	DORMITORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	FTEV993013	9,300

construction standard known as "one-plus-one" established by OSD. All known alternatives were considered during the development of this project. No other option could meet the mission requirements. Therefore, no economic analysis was needed or performed. FY 2002 Unaccompanied Housing RPM conducted: $508K. FY 2003 Unaccompanied Housing RPM conducted: $225K. Future Unaccompanied Housing RPM requirements (estimated): FY04: $230K; FY05: $235K; FY06. BASE CIVIL ENGINEER: Michael E. Dejarnette, Lt Col, (850) 884-7701. Dormitory: 4,752 SM = 51,132 SF.

JOINT USE CERTIFICATION: Mission requirements, opertional considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	DORMITORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	721-312	FTEV993013	9,300

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-APR-03
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2004	35%
* (d) Date 35% Designed	01-OCT-03
(e) Date Design Complete	15-AUG-04
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	YES
(b) Where Design Was Most Recently Used -	EGLIN
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	372
(b) All Other Design Costs	232
(c) Total	604
(d) Contract	511
(e) In-house	93
(4) Construction Contract Award	04 DEC
(5) Construction Start	05 JAN
(6) Construction Completion	00 JUL

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2005	550

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	505 COMMAND CONTROL WING HDQUARTERS/EXERCISE CONTROL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV993031	24,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
505 CCW HEADQUARTERS/EXERCISE CONTROL COMPLEX				16,725
EXERCISE CONTROL FACILITY	SM	6,750	1,775	(11,981)
WING HEADQUARTERS	SM	2,664	1,750	(4,662)
ANTITERRORISM/FORCE PROTECTION	LS			(82)
SUPPORTING FACILITIES				4,606
UTILITIES	LS			(1,482)
PAVEMENTS	LS			(612)
SITE IMPROVEMENTS	LS			(1,620)
DEMOLITION	SM	5,887	51	(300)
COMMUNICATION SYSTEM	LS			(312)
ASBESTOS REMOVAL/LEAD PAINT ABATEMENT	SM	1,538	52	(80)
ELEVATORS	EA	2	100,000	(200)
SUBTOTAL				21,332
CONTINGENCY (5.0 %)				1,067
TOTAL CONTRACT COST				22,398
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				1,277
TOTAL REQUEST				23,675
TOTAL REQUEST (ROUNDED)				24,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(6,385.0)

10. Description of Proposed Construction: Construct new Wing Headquarters and Exercise Control Squadron facilities, composed of reinforced concrete foundation and floor slab, masonry walls and sloping metal roof. Includes utilities, pavements, site improvements and all other necessary support. Force protection includes reinforced exterior walls and fully laminated windows. The project requires demolition of three buildings for a total of 5,887 SM.

Air Conditioning: 253 Tons

11. REQUIREMENT: 19,867 SM ADEQUATE: 10,453 SM SUBSTANDARD: 0 SM

PROJECT: Construct a new Wing Headquarters and Exercise Control/Consolidated Sensitive Compartmented Information Facility (SCIF). (Current Mission)

REQUIREMENT: The CSAF directed the 505th Command and Control Wing to centralize all existing and new command and control systems into a cohesive, state of the art system that will modernize, streamline and improve command and control techniques throughout the Air Force. The Air Operations Center (AOC) was declared a Weapons System and the reengineered 505th CCW has gone from hosting annual Blue Flag exercises, conducting several associated courses with 26 missions, to conducting ten annual flag type exercises, with more than 60 missions and 28 annual in-residence courses. The rise of Joint National Training Capability and Joint Training Transformation Initiative will substantially increase the ops tempo, size and requirements for the 505th EXS and will

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	505 COMMAND CONTROL WING HDQUARTERS/EXERCISE CONTROL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV993031	24,000

expand requirements to support multiple simultaneous events. These will include Army Warfighters, Navy Battle Group In-Port Exercise and JTF EXS and 6 Blue Flags a year. The substantial and increasing role of Distributed Mission Operations will require M&S support to enable near-continuous distributed training events. Major exercises require several events in which architectures are built, tested and sustained well prior to the exercise. As we go to 24 hour exercises, USAFE and PACAF will increasingly rely on the 505th for Modeling and Simulation (M&S) reachback. This represents over a 300% increase in new training and mission requirements in the last four years. The unit now conducts initial qualification training for individuals who have orders to any AF Command and Control Center (AOC,JAOC, CAOC, etc) in the world so that upon completion of Mission Qualification training they can receive their special experience identifier. The 505 CCW is charged by OSD with Air Tasking Order (ATO) interoperability training for all DoD. All four services now send students to the C2 Warrier School for process and application training in support of the Joint Force Air Component Commander. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: This is the final phase of a two part MILCON program designed to efficiently reconfigure all associated command and classified functions into two centralized facilities to eliminate severe facility space shortages. Existing exercise facility, headquarters group and SCIF functions do not have sufficient or properly configured space or support control systems to satisfactory accomplish their dynamically expanding missions. These functions share a 50 year old, BOMARC hangar which has been modified and renovated over the past years to support numerous other purposes. This facility has numerous inefficient split-level heating and ventilation support systems and insufficient supporting power systems. Presently, command, control and SCIF functions are scattered in half a dozed other facilities, resulting in lost efficiency and wasted man-hours. The existing secure compartmental/program level informational area is severely limited and forces the relocation of classified courses and seminars to other installations with larger cleared areas. During SCIF related battle staff exercises and training class scenarious over twenty personnel must work out of areas designed to support a maximum of five to six operators. SCIF training seminars have had to be indefinitely postponed because the existing SCIF is not large enough or is overscheduled to meet higher priority requirements. The unit requires a SCIF four times larger than is presently provided. The wing has been forced to continually borrow Eglin AFB facilities and temporary lease a large number of trailers to meet new expanded exercise requirements. The unit will not be able to meet escalating projected mission objectives. Three facilities and a total area of 5887 SM will be demolished.

IMPACT IF NOT PROVIDED: The Air Force will not have sufficient properly trained command and control specialists to accomplish our primary mission. Only 40% of the current and projected student load will be exercised and trained. We will continue to waste valuable man-hours temporarily leasing and setting up trailers with temporary communications and computer systems, and then reconfiguring the support systems to support as many exercises, experiments and students as possible. The exercise squadron will not be able to accomplish related missions such as PACAF Blue Flag, or USAF Blue Flag, as well as Simulator Exercises (SIM EX) and Focus Lens Asian exercises and others. We will not be able to conduct SCIF level activities associated with Homeland Security, CSAF directed SAP/SAR programs, command and control courses in Joint Search/Rescue, Space Basics,

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	505 COMMAND CONTROL WING HDQUARTERS/EXERCISE CONTROL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV993031	24,000

Space Advanced, Community College Accreditation, AIA/AMC/AFSPACE/ANG/ESC/AETC/Army/Navy Detachment Integration unless this project is approved.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. This project is the second phase of a two-phased MILCON program to develop a facility program that will meet the expanded mission of the 505 CCW so that the Air Force/Armed Forces can fight and win decisively in a minimum of time and with minimum losses. Base Civil Engineer: Lt Col William A. Kolakowski, Phone 850/884-7701. (Wing Headquarters/ Exercise Control Complex: 9414 SM = 101,295 SF).

JOINT USE CERTIFICATION: Mission Requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	505 COMMAND CONTROL WING HDQUARTERS/EXERCISE CONTROL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV993031	24,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-04
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2007	15%
* (d) Date 35% Designed	15-AUG-05
(e) Date Design Complete	15-AUG-06
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,251
(b) All Other Design Costs	834
(c) Total	2,085
(d) Contract	1,564
(e) In-house	521
(4) Construction Contract Award	07 DEC
(5) Construction Start	08 FEB
(6) Construction Completion	10 AUG

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2009	4,500
PREWIRED WORKSTATIONS	3400	2009	1,660
COMMUNICATION EQUIPMENT	3400	2009	225

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 6 SOS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV993033	5,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-06
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	100%
* (d) Date 35% Designed	01-OCT-06
(e) Date Design Complete	01-OCT-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	167
(b) All Other Design Costs	82
(c) Total	249
(d) Contract	187
(e) In-house	62

(4) Construction Contract Award

(5) Construction Start 08 JAN

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORK STATION	3400	2008	300

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPS, 6 SOS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV993033	5,500

IMPACT IF NOT PROVIDED: Lack of an adequate squadron operations facility will adversely impact the 6 SOS operations at Hurlburt Field.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet criteria scope specified in Air Force Handbook 32-1084, "Standard Facility Requirments." All known alternative options were considered during the development of this project. No other options could meet the mission requirements; therefore, no economic analysis was needed or performed. Base Civil Engineer: Jeffery L. Pitchford, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6, Joint Use construction has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	740-884	FTEV993036	7,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
CHILD DEVELOPMENT CENTER				6,020
CHILD DEVELOPMENT CENTER (38,082 SF)	SM	3,538	1,625	(5,749)
ANTITERRORISM/FORCE PROTECTION (.5%)	LS			(28)
SUSTAINABILITY CONSTRUCTION (5%)	LS			(242)
SUPPORTING FACILITIES				1,135
UTILITIES	LS			(400)
PAVEMENTS	LS			(290)
SITE IMPROVEMENTS	LS			(285)
COMMUNICATION SYSTEM	LS			(160)
SUBTOTAL				7,155
CONTINGENCY (5.0 %)				358
TOTAL CONTRACT COST				7,513
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				428
TOTAL REQUEST				7,941
TOTAL REQUEST (ROUNDED)				7,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(130.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloping metal roof. Functional areas include core administration area, staff support area, facility support area and child care areas. Includes utilities, paving and all other necessary support. Includes minimum DoD interim force protection standards.

Air Conditioning: 95 Tons

11. REQUIREMENT: 5,442 SM ADEQUATE: 1,904 SM SUBSTANDARD: 0 SM

PROJECT: Construct a Child Development Center. (Current Mission)

REQUIREMENT: Hurlburt Field has the third largest military population in the Air Force with over 7,000 military assigned in addition to 650 Civil Service employees. Currently 180 families are waiting to receive affordable, childcare in a quality AF Child Care Center. Additional space is required to accommodate infants 6 weeks to 12 months, pre toddlers 13-24 months, toddlers 25-36 months, and preschoolers 3-5 years. Additional space is also needed to accommodate hourly care, part-day preschool, and care while spouses seek employment, volunteers, and short-term care requirements. The total number of childcare spaces required to meet the needs of the Hurlburt Field Community is 400. Demolotion of inadequate family housing units and clearing of site for Child Development Center will be accomplished by Privatization Developer. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: The existing childcare facility's capacity is 172. The facility was constructed in 1982 and the facility was renovated in 1994 that included an addition. Frequent reccurring problems with the HVAC, plumbing, moisture, and moldy odor, lead to costly repairs, unhealthy environment, and moving children. Families have to find care

1. COMPONENT AIR FORCE	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE CHILD DEVELOPMENT CENTER	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-884	7. PROJECT NUMBER FTEV993036	8. PROJECT COST ($000) 7,900

in substandard facilities off base and have to pay higher rates because they do not have access to the sliding fee scale. Families using AF Family Child Care homes prefer the subsidized fees in the child development center.

IMPACT IF NOT PROVIDED: The 180 Air Force families will have to use public child care facilities located off-base in the surrounding Ft. Walton Beach, Niceville, Shalimar and Navarre communities. Off-base child care facilities are more expensive and will require additional driving time each day which will have an economic impact to each family as well as extending the time away from home each day which will affect the quality of life for assigned personnel and their families.

ADDITIONAL: This project meets the criteria/scope specified in the new Unified Facilities Criteria 4-740-14, "Child Development Centers." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: Lt Col, Jeffrey L. Pitchford, (850) 884-7701. Child Development Center: 3,538 SM = 38,082 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available basis"; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	740-884	FTEV993036	7,900

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2010	
* (d) Date 35% Designed	
(e) Date Design Complete	
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PLAYGROUNG EQUIPMENT	3400	2008	130

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MUNITIONS DELIVERY ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	851-147	FTEV003001	3,600

project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this installation. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MUNITIONS DELIVERY ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	851-147	FTEV003001	3,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started

(b) Parametric Cost Estimates used to develop costs — YES

* (c) Percent Complete as of 01 JAN 2011

* (d) Date 35% Designed

(e) Date Design Complete

(f) Energy Study/Life-Cycle analysis was/will be performed — NO

(2) Basis:

(a) Standard or Definitive Design - — NO

(b) Where Design Was Most Recently Used -

(3) Total Cost (c) = (a) + (b) or (d) + (e): — ($000)

(a) Production of Plans and Specifications

(b) All Other Design Costs

(c) Total

(d) Contract

(e) In-house

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VEHICLE MAINTENANCE FACILITY (823 RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	214-425	FTEV003009	7,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
VEHICLE MAINTENANCE FACILITY				4,225
VEHICLE MAINTENANCE FACILITY	SM	3,031	1,380	(4,183)
ANTITERRORISM/FORCE PROTECTION	SM	3,031	14	(42)
SUPPORTING FACILITIES				2,052
UTILITIES	LS			(400)
PAVEMENTS	SM	17,150	45	(772)
SITE IMPROVEMENTS	SM	19,250	15	(289)
DEMOLITION	SM	2,600	104	(270)
ASBESTOS ABATEMENT	SM	1,200	140	(168)
COMMUNICATION SUPPORT	LS			(79)
TEMPORARY FACILITY	LS			(74)
SUBTOTAL				6,277
CONTINGENCY (5.0 %)				314
TOTAL CONTRACT COST				6,591
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				376
TOTAL REQUEST				6,967
TOTAL REQUEST (ROUNDED)				7,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(175.0)

10. Description of Proposed Construction: Reinforced concrete foundation, pre-engineered steel frame walls, standing seam metal roof, overhead crane, hydraulic lifts, utilities, fire detection/protection, oil/water separator, fuel spill containment area, pavements, site improvements, landscaping and demolition of three facilities (2,600 SM). Includes minimum DoD force protection standards.

Air Conditioning: 140 Tons

11. REQUIREMENT: 3,818 SM ADEQUATE: 818 SM SUBSTANDARD: 2,600 SM

PROJECT: Construct Vehicle Maintenance Facility (Current Mission).

REQUIREMENT: Provide a facility to maintain special purpose heavy construction equipment and general purpose vehicles vital to the RED HORSE mission. Facility will be configured to provide 10 drive through maintenance bays capable of servicing two vehicles at once. One bay must be capable of servicing 80' tractor trailors, two bays will possess hydraulic lifts, and two bays will possess an overhead crane system. Two bays must be equipped to handle tracked vehicles, and possess special loading rails and tool access floor systems. Facility will include exterior and interior compressed air stations, an interior vehicle exhaust system, a fuel spill containment system, mechanical shop ventilation, battery and parts storage areas, and administrative support areas complete with HVAC. Construction phasing will be required. A temporary facility is required to house the vehicle maintenance function during construction. The vehicle maintenance complex is restricted in space so the new facility will go on the footprint of the existing facility. Temporary utilities to support temporary structures are

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE VEHICLE MAINTENANCE FACILITY (823 RHS)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 214-425	7. PROJECT NUMBER FTEV003009	8. PROJECT COST ($000) 7,000

required. Must comply with minimum DoD force protection standards.

CURRENT SITUATION: The vehicle maintenance functions currently operate from three substandard facilities. The primary facility was constructed in 1967 as a temporary helicopter hangar and retrofitted in 1974 for RED HORSE use. All infrastructure systems require immediate replacement. The facility does not properly ventilate harmful fumes and violates current life and industrial safety standards. The lighting, electrical, and heating systems are inadequate. The floor slabs are cracked and uneven, resulting in poor drainage and spill control. The roofs leak and have been patched so many times they need to be replaced. All the doors are out of alignment and are severely deteriorated. The exterior of the facility lacks adequate environmental containment equipment, and as such runs the risk of hazardous spills and environmental fines and penalties. The existing facilities are poorly configured and do not efficiently meet mission requirements. Due to these adverse conditions, personnel are often forced to work outside in extreme temperatures. Consolidating vehicle maintenance activities will improve mission capability by increasing worker efficiency and free valuable real estate for other critical uses. Workers will gain the space and equipment necessary for the safe and professional work environment needed to meet RED HORSE mobility requirements. RED HORSE has seen vehicle fleet growth of approximately 16 vehicles due to the incorporation of airborne operations. The 823rd RED HORSE is also the pilot unit for testing new vehicles and equipment which require additional space for analysis, training and maintenance activities. In addition, they are authorized to acquire "special capaiblity" equipment, known as "X-reg" equipment that accounts for approximately 110 additional items requiring maintenance.

IMPACT IF NOT PROVIDED: Personnel will continue to be subjected to hazardous working conditions, and environmental risks will go unabated. With the expansion of the RED HORSE vehicle fleet and the continued use of oversized pieces of equipment, more mechanics will be forced to work outside in extreme temperatures with reduced accessibility to tools and parts. With the continued facility deterioration and simultaneous vehicle fleet growth, both in size and number, it will become increasingly difficult to satisfactorily perform safe, proper, and efficient maintenance necessary to meet vital mission requirements.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Jeffrey L. Pitchford; 850-884-7701. (Vehicle Maintenance Facility: 3,000 SM = 32,280 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VEHICLE MAINTENANCE FACILITY (823 RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	214-425	FTEV003009	7,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	15-APR-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2006	15%
* (d) Date 35% Designed	01-AUG-05
(e) Date Design Complete	01-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	384
(b) All Other Design Costs	192
(c) Total	576
(d) Contract	480
(e) In-house	96
(4) Construction Contract Award	07 JAN
(5) Construction Start	07 FEB
(6) Construction Completion	08 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2006	175

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	EAST SIDE FITNESS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	740-674	FTEV003023	9,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
EAST SIDE FITNESS CENTER				6,830
GYMNASIUM (50,000 SF)	SM	4,645	1,463	(6,796)
FORCE PROTECTION (.5%)	LS			(34)
SUPPORTING FACILITIES				1,434
UTILITIES	LS			(372)
PAVEMENTS	LS			(348)
SITE IMPROVEMENTS	LS			(244)
DEMOLITION (39,249 SF)	SM	3,646	129	(470)
SUBTOTAL				8,264
CONTINGENCY (5.0 %)				413
TOTAL CONTRACT COST				8,677
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				495
TOTAL REQUEST				9,172
TOTAL REQUEST (ROUNDED)				9,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(600.0)

10. Description of Proposed Construction: Construct a new 4,645 SM facility of concrete masonry walls with steel trusses and joist, concrete slab and footings. Functional areas include lobby, admin support, locker rooms, group exercise, fitness equipment spaces, racquetball courts, and a Health & Wellness Center (HAWC) with all necessary support. Antiterrorism force protection measures to include reinforced exterior walls and fully tempered glass windows.

Air Conditioning: 125 Tons

11. REQUIREMENT: 8,487 M2 ADEQUATE: 2,874 M2 SUBSTANDARD: 3,636 M2

PROJECT: Construct East Side Fitness Center. (Current Mission).

REQUIREMENT: Because of the mission at Hurlburt Field, physical fitness is a top priority for the active duty personnel. Hurlburt also hosts four ACC flag exercises throughout the year and students at the Joint Special Operations University and the USAF Special Operations School. Consequently the fitness centers are heavily utilized and at times overcrowded. The hours of operation for these facilities have been increased to 20 hours per day to help alleviate the overcrowded conditions.

CURRENT SITUATION: Within the next five years Hurlburt Field will increase in population due to the increase of missions. It is estimated that approximately 1,635 active duty military personnel will impact the base population. Hurlburt Field will be constructing three new domitory facilities on the east side of the base to accommodate the increase in mission and personnel. At present there exists a small dining/fitness center on the east side of the base. This 1,373 SM fitness center is not adequate to support the personnel on the East Side and the CSAF directed physical training program. The current location of the HAWC within the Commando Fitness Center is not ideal. The HAWC areas are not contained within a suite, the functional areas are undersized, and

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE EAST SIDE FITNESS CENTER	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER FTEV003023	8. PROJECT COST ($000) 9,200

some functional areas do not exist.

IMPACT IF NOT PROVIDED: Facilities will not be in place to suppport the new mission beddown of CV-22 in concert with AFSOC's concept of operations on Hurlburt Field. Synchronization of this work is crucial to AFSOC's ability to support the US Special Operations mission. Personnel at Hurlburt Field will be forced to use overcrowded fitness facilities, productivity will be lost, disrupting mission essential work accomplishment. This will adversely impact morale, welfrare, and retention of personnel which play a vital role in sustaining overall mission readiness.

ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide" as well as Air Force Handbook 32-1084 "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col , 850-884-7701. Fitness center: 4,645 SM = 50,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	EAST SIDE FITNESS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	740-674	FTEV003023	9,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-02
(b) Parametric Cost Estimates used to develop costs	
(c) Percent Complete as of 01 JAN 2011	100 %
(d) Date 35% Designed	01-OCT-02
(e) Date Design Complete	01-OCT-03
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	2
(b) All Other Design Costs	0
(c) Total	2
(d) Contract	0
(e) In-house	2

(4) Construction Contract Award

(5) Construction Start 04 JAN

(6) Construction Completion

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EXERCISE EQUIPMENT	3400	2010	600

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SHOPPETTE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
64239	740-383	FTEV005004	490

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				81
SHOPPETTE FACILITY	SM	90	900	(81)
SUPPORTING FACILITIES				369
UTILITIES	LS			(78)
PAVEMENTS	LS			(88)
SITE IMPROVEMENTS	LS			(79)
GAS DISPENSING	LS			(124)
SUBTOTAL				450
CONTINGENCY (5.0 %)				23
TOTAL CONTRACT COST				473
SUPERVISION, INSPECTION AND OVERHEAD (4.3 %)				20
TOTAL REQUEST				493
TOTAL REQUEST (ROUNDED)				490
UNFUNDED DESIGN				(60)
EXCLUDED EQUIPMENT				(466)

10. Description of Proposed Work: Permanent, non-combustible facility including concrete slab, masonry walls, sloping metal roof, above ground gasoline storage tanks and gasoline dispensers with vapor recovery. Exterior support includes utilities, services, communications, paving, walks and storm drainage.

Air Conditioning: 39 Tons

11. REQUIREMENT: 2,100 SM ADEQUATE: 1,300 SM SUBSTANDARD: 0 SM

PROJECT: Construct Shoppette (AAFES PN).

REQUIREMENT: This project is required to provide a Shoppette and gas dispensing facility with above ground tanks on the east side of Hurlburt Field to meet the demand for services due to the continued growth at Hurlburt Field.

CURRENT SITUATION: Present Service Station cannot meet the current demand for the increased base population. There is no facility on the east side of Hurlburt and all Hurlburt Field personnel must travel an already congested roads to service their vehciles. The existing Shoppette/Class Six facilities on the west side is to small with no room for expansion.

IMPACT IF NOT PROVIDED: Failure to construct this project will impact unfavorably on the AAFES ability to provide adequate service to active and retired military and their dependents-contributing to low morale. Failure will also reduce potential supplemental funds for the Morale, Welfare and Recreation (MWR) Programs.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	25 INFORMATION OPERATIONS SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-456	FTEV013021	6,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
25 IO SQUADRON FACILITY				5,201
SQUADRON OPERATIONS (24,330 SF)	SM	2,260	1,299	(2,936)
SCIF SPACE (9,744 SF)	SM	905	2,478	(2,243)
FORCE PROTECTION/ANTITERRORISM	LS			(22)
SUPPORTING FACILITIES				945
UTILITIES	LS			(81)
PAVEMENTS	LS			(135)
SITE IMPROVEMENTS	LS			(24)
DEMOLITION	SM	1,324	104	(138)
ASBESTOS/LEAD PAINT REMOVAL	SM	1,324	125	(166)
COMMUNICATION SYSTEM (C4)	LS			(297)
MODULAR FACILITY (5,000 SF)	SM	465	225	(105)
SUBTOTAL				6,146
CONTINGENCY (5.0 %)				307
TOTAL CONTRACT COST				6,453
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				368
TOTAL REQUEST				6,821
TOTAL REQUEST (ROUNDED)				6,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(447.0)

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, split faced reinforced concrete block exterior walls, steel frame and sloping metal roof. Functional areas include administration, operations, training, fabrication shops, storage and security measures. Includes utilities, parking, demolition of two buildings (1324 SM), lease of a modular facility and all necessary support. Force protection includes reinforced exterior walls and fully laminated windows.

Air Conditioning: 60 Tons

11. REQUIREMENT: 2,260 SM ADEQUATE: 0 SM SUBSTANDARD: 852 SM

PROJECT: Construct 25th Information Operations Squadron Facility (Current Mission).

REQUIREMENT: The 25th Information Operations Squadron (25 IOS) has a 2,260 SM (24,330 SF) space requirement for 102 personnel that includes a command section, administrative space, one mission floor, a flightline maintenenace shop, aircrew life support section, multiple training and language labs, engineering and equipment fabrication shops, material and equipment storage, and Sensitive Compartmented Information (SCI) workspace in support of classified missions and Electronic Systems Security Assessments (ESSA). A consolidated facility is needed to provide greater efficiency of operations for the 25 IOS threat assessment mission in support of the Air Intelligence Agency (AIA), the 16th Special Operations Wing (SOW), and the HQ Air Force Special Operations Command (AFSOC). Force protection will comply with minimum DoD standards.

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE 25 INFORMATION OPERATIONS SQUADRON FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-456	7. PROJECT NUMBER FTEV013021	8. PROJECT COST ($000) 6,800

CURRENT SITUATION: The 25 IOS has various functions spread throughout three separated facilities. According to the 2004 Infrastructure and Facilities Assessment Team visit, all 25 IOS occupied facilities are degraded. A 2001 HQ AFCEE space design study determined a 1,265 SM (13,606 SF) deficit by FY03. In addition, the 25 IOS currently has a 787 SM (8,463 SF) office space deficit which only allots 28% of the space needed for normal operations, as well as the majority of the work areas having 80% less than the required standard per AFH 32-1084. This shortage of space coupled with the physical separation of the three facilities drastically hampers operational efficiency and impacts day-to-day mission completion. This mission provides combat aircrew defense to all combat aircraft in the AFSOC inventory by integrating all source intelligence, electronic combat and electronic security for Special Operations Forces (SOF).

IMPACT IF NOT PROVIDED: Increase in mission combat hours, storage requirements, and personnel have far exceeded the space availability in the existing facilities. Failure to provide the 25 IOS a consolidated facility will continue to degrade its ability to provide, maintain and sustain support to combat aircraft, and will also increase maintenance costs for degraded and separated facilities. This scenario will result in inadequate mission, training and intelligence support to the Air Force, AFSOC, ACC, AIA, National Security Agency and deployed locations worldwide.

ADDITIONAL: This project meets the criteria/scope of Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing the project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet the mission requirements. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF; Phone 850-884-7701. (AIO Operations: 2,260 SM = 24,330 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	25 INFORMATION OPERATIONS SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-456	FTEV013021	6,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2006	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
NETWORK EQUIPMENT	3400	2009	142
PREWIRED WORKSTATIONS	3400	2009	305

DRAFT 1

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CONSOLIDATED CLUB

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	740-615	FTEV015007	7,915

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
CONSOLIDATED CLUB				5,694
CONSOLIDATED CLUB (23,417 SF)	SM	2,176	2,591	(5,638)
ANTITERRORISM/FORCE PROTECTION	LS			(56)
SUPPORTING FACILITIES				1,452
UTILITIES	LS			(465)
PAVEMENTS	LS			(581)
SITE IMPROVEMENTS	LS			(290)
COMM	LS			(116)
SUBTOTAL				7,146
CONTINGENCY (4.7 %)				336
TOTAL CONTRACT COST				7,482
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				426
TOTAL REQUEST				7,908
TOTAL REQUEST (ROUNDED)				7,915
UNFUNDED DESIGN				(254)
UNFUNDED FF&E				(513)
OTHER APPROPRIATION (NON-ADD)				(115)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(223)

10. Description of Proposed Work: Concrete foundation and floor slab, masonry walls, steel structure and sloped metal roof. Functional areas will include kitchen, dining rooms, lounges and ballrooms, bathrooms and office areas. Includes utilities, landscaping, equipment and all other necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows. Air Conditioning: 200 Tons

11. REQUIREMENT: 4,179 SM ADEQUATE: 2,039 SM SUBSTANDARD: 1,874 SM

PROJECT: Construct Consolidated Club.

REQUIREMENT: This project is required to improve the operation of the existing consolidated NCO/Officer's Club by replacing it with a new, more functionally efficient consolidated club facility. This can be best accomplished by constructing a new consolidated open mess for all military personnel, dependent spouses and retirees ideally located on Santa Rosa Sound. This facility will be used for combined official functions including shared dining and lounge facility operations. An efficient consolidated facility will allow large group functions to be held on base rather than leasing space off base, which cost approximately $500,000 per year. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The two existing open messes are located 3/4 of a mile apart. Neither one is large enough to handle the necessary military functions. There are no eating facilities on base to adequately serve transient personnel that come to Hurlburt

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CONSOLIDATED CLUB

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	740-615	FTEV015007	7,915

Field. There are an estimated number of 18,000 persons per year that cannot be accommodated at special functions due to limited space in both clubs. The existing consolidated club does not have a dining room large enough to handle necessary military functions. The age, number of past additions/alteration, and needed repairs to the existing facility, along with the existing configuration of the consolidated club does not make it economically feasible to renovate or add square footage to the existing footprint to gain the necessary space.

IMPACT IF NOT PROVIDED: The Hurlburt Field club system will continue to operate inefficiently due to lack of space and substandard facilities for hosting joint activities. The cost of operating will increase without added benefits to the club members. Revenue will continue to be lost because large functions are not being booked and programs are not held or limited in scope.

ADDITIONAL: The demolition of one facility, Bldg 90910 shall be accomplished by the companion O&M project FTEV 001123A, Demolish Collocated Club, $115K.

A Project Validation Analysis has been prepared comparing alternatives for new construction, revitalization, leasing and status quo operations. Based on the present values and benefits of the respective alternative, new construction was found to be cost effective over the life of the project.

Key Milestones: Design Start - 24 Jun 04; 65% Design - 1 Jul 05; 100% Design - Sep 05; Award - Mar 06; Construction Complete - Sep 07

I have reviewed this document and certify it is complete and accurate. I have validated the project's primary classification. It has been coordinated with the user and other appropriate agencies and approved by the Installation Commander.

WILLIAM A. KOLAKOWSKI, Lt Col, USAF
Base Civil Engineer
(850) 884-7701

DRAFT 1

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CONST OUTDOOR RECREATION CENTER, 16 SVS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000) EEIC 529
27576	740-672	FTEV021001	0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				1
MWR SUP/NAF C-STOR	SM	1	1,000	(1)
SUPPORTING FACILITIES				0
SUBTOTAL				1
TOTAL CONTRACT COST				1
TOTAL REQUEST				1
TOTAL REQUEST (ROUNDED)				0
NAF Variable				(0)

%)

10. Description of Proposed Work:

11. REQUIREMENT: 0 ADEQUATE: 0 SUBSTANDARD: 0

IMPACT IF NOT PROVIDED: To provide office space, classrooms, and checkout and storage space for Equipment Checkout and Paintball. Outside storage are is needed to store portable equipment such as gas and charcoal grills. Inside storage is needed for tents, camp stoves, sleeping bags, coolers, canopies, etc.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	RED HORSE MOBILITY AND TRAINING FACILITY (823 RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-621	FTEV023005	2,050

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
RED HORSE MOBILITY & TRAINING FACILITY				1,432
TECHNICAL TRAINING CLASSROOM	SM	1,000	1,422	(1,422)
FORCE PROTECTION	LS			(10)
SUPPORTING FACILITIES				394
UTILITIES	LS			(94)
PAVEMENTS	LS			(135)
SITE IMPROVEMENTS	LS			(24)
DEMOLITION	SM	613	104	(64)
ASBESTOS ABATEMENT	SM	613	125	(77)
SUBTOTAL				1,826
CONTINGENCY (5.0 %)				91
TOTAL CONTRACT COST				1,917
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				109
TOTAL REQUEST				2,026
TOTAL REQUEST (ROUNDED)				2,050
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(225.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls, and sloping metal roof. Functional areas include a multipurpose classroom, presentation area, conference room, physical training area, and breakroom. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows. Includes all utilities, demolition of a 613 SM facility, and all other necessary support.

Air Conditioning: 27 Tons

11. REQUIREMENT: 1,000 SM ADEQUATE: 0 SM SUBSTANDARD: 613 SM

PROJECT: RED HORSE Mobility and Training Facility (823 RHS) (Current Mission).

REQUIREMENT: Project is required to provide a multipurpose indoor training facility to conduct SORTS reportable and other necessary readiness and professional training for over 400 squadron personnel. This facility is essential to the RED HORSE mobility mission, which mandates unit members are able to deploy on a 12-hour notice. Troops will be assembled here for recalls, bag inspections, predeparture briefings, and other mobility activities. The facility is also needed to support the squadron fitness program and for use as a hurricane shelter for base recovery teams. To support this use, showers and lockers will be provided in the restrooms. One facility, Building 91105, for a total of 613 SM, will be demolished with this project. Force protection measures will be incorporated IAW USAF Installation Force Protection Guide.

CURRENT SITUATION: The existing wood-sided facility (613 SM) was constructed in 1974 as a temporary facility and is no longer adequate to suit the mission. It will be demolished as part of this project. The ACC Commander described this facility as among

1. COMPONENT AIR FORCE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE RED HORSE MOBILITY AND TRAINING FACILITY (823 RHS)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 171-621	7. PROJECT NUMBER FTEV023005	8. PROJECT COST ($000) 2,050

the worst in the Air Force. The building is not large enough to provide training and deployment operations for a 400-person squadron. Over 25 percent of unit personnel must stand along the walls or outside the doors during mass briefings and other large gatherings. The facility does not meet current fire safety codes, ADA standards, or Air Force design criteria. The HVAC and lighting are insufficient, and the plumbing needs to be replaced. The roof leaks near the entrances, and all the doors are deteriorated and need to be replaced. There are no other facilities that can be used or converted for this function.

IMPACT IF NOT PROVIDED: Without this project, RED HORSE personnel will continue to be cramped into a leaky, poorly lit facility with inadequate heat or air conditioning. The building will continue to be excessively hot in the summer and cold in the winter. Inadequate facility size will continue to force over 100 students to stand during training and deployment briefings. Training effectiveness will continue to suffer, as students are unable to hear, see, or concentrate on the instructor due to these adverse learning conditions. All of these factors combined will result in reduced readiness and jeopardize critical mission response times.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Base Civil Engineer: Lt Col William A. Kolakowski, Phone 850/884-7701. (RED HORSE Mobility and Training Facility: 1,000 SM = 10,760 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	RED HORSE MOBILITY AND TRAINING FACILITY (823 RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	171-621	FTEV023005	2,050

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-06
(b) Parametric Cost Estimates used to develop costs	
(c) Percent Complete as of 01 JAN 2007	100%
(d) Date 35% Designed	01-OCT-06
(e) Date Design Complete	01-OCT-07
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	106
(b) All Other Design Costs	52
(c) Total	158
(d) Contract	120
(e) In-house	38

(4) Construction Contract Award

(5) Construction Start 08 JAN

(6) Construction Completion

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2009	225

DRAFT 1

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	RELOCATE OUTDOOR TRAINING AREA (RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	179-371	FTEV023007	90

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				73
TNG AID	SM	1	73,404	(73)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				88
TOTAL CONTRACT COST				88
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				6
TOTAL REQUEST				94
TOTAL REQUEST (ROUNDED)				90

10. Description of Proposed Construction:

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	RELOCATE OUTDOOR TRAINING AREA (RHS)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	179-371	FTEV023007	90

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2008	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADD TO VISITING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV023010	2,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
ADD TO VISITING QUARTERS				1,924
ADDITION (24 ROOMS)	SM	1,060	1,800	(1,908)
ANTITERRORISM FORCE PROTECTION	SM	1,060	15	(16)
SUPPORTING FACILITIES				620
UTILITIES	LS			(250)
PAVEMENTS	LS			(200)
SITE IMPROVEMENTS	LS			(150)
COMMUNICATION SYSTEM	LS			(20)
SUBTOTAL				2,544
CONTINGENCY (5.0 %)				127
TOTAL CONTRACT COST				2,671
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				152
TOTAL REQUEST				2,823
TOTAL REQUEST (ROUNDED)				2,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(132)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloped metal roof. Rooms to have combination living/bedroom with bath and support space for housekeeping equipment and storage. Includes utilities, parking and all other necessary support. Comply with DOD force protection requirements per unified facilities criteria.

Air Conditioning: 29 Tons

11. REQUIREMENT: 320 RM ADEQUATE: 133 RM SUBSTANDARD: 108 RM

PROJECT: Construct an addition to Visiting Quarters. (Current Mission).

REQUIREMENT: This project is required to provide adequate living quarters to accommodate transient personnel at Hurlburt Field. HQ AFSOC is located at Hurlburt Field drawing large numbers of officers, NCO's and civilian visitors to the installation. Additionally, the installation is home for the 16th Special Operations Wing, the Air Force Command and Control and Innovation Group (AFC2TIG) and the Special Operations School that conduct numerous training exercises and host numerous mission rehearsals. These activities produce a demand of 355 rooms per day. A Needs Assessment Study completed in August 2003 determined that the requirement for on-base visiting quarters (VQ) is 320 rooms per day (90% of demand). This project will reduce the requirement by adding 24 rooms to Building 90502 which was originally configured to support an addition of this size.

CURRENT SITUATION: Hurlburt Field has a shortage of 187 adequate rooms to accommodate visiting officers and non-commissioned officers. Since 1998, the occupancy rate has consistently been 93%. During peak periods, the lack of adequate on-base quarters forces approximately 150 persons per night to find lodging off-base. The availability and cost of off-base quarters fluctuates dramatically because of the local tourist based

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADD TO VISITING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV023010	2,800

economy. On average, the cost for the base to support personnel in off-base contract quarters exceeds $1 million per year. Personnel deferred to contract quarters are forced to drive between 10-30 miles from the base. Depending on traffic conditions, travel time from these locations can take between 20-45 minutes.

IMPACT IF NOT PROVIDED: Transient personnel will continue to be housed off-base at a cost exceeding $1 million per year. Forced use of off-base quarters will have an adverse affect on training and mission rehearsal activities and will degrade morale, productivity and career satisfaction of transient personnel.

ADDITIONAL: This project meets the criteria/scope specified in and Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options (status quo, leasing, new construction) indicates there is only one option that will effectively meet the operational, statutory, and security criteria of functions required. Consequently, a full economic analysis was not performed. A Certificate of exception has been prepared. Base Civil Engineer: Lt Col William A. Kolakowski, Phone 850-884-7701. 1,060SM = 11,400SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available " basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADD TO VISITING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV023010	2,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 66

(4) Construction Contract Award 07 DEC

(5) Construction Start 08 JAN

(6) Construction Completion 08 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2007	132

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MISSION PLANNING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-284	FTEV023011	7,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
MISSION PLANNING FACILITY				4,369
MISSION PLANNING FACILITY	SM	2,230	1,950	(4,349)
ANTITERRORISM/FORCE PROTECTION	SM	2,230	9	(20)
SUPPORTING FACILITIES				2,650
PAVEMENTS	LS			(650)
SITE IMPROVEMENTS	LS			(450)
UTILITIES	LS			(1,400)
COMMUNICATION	LS			(150)
SUBTOTAL				7,019
CONTINGENCY (5.0 %)				351
TOTAL CONTRACT COST				7,369
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				420
TOTAL REQUEST				7,790
TOTAL REQUEST (ROUNDED)				7,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,100)

10. Description of Proposed Construction: Reinforced concrete slab and foundation, structural steel framing, exterior load-bearing masonry walls and masonry veneer, light gauge metal interior framing and sloped standing seam metal roofing. Functional areas include an Auditorium, Senior Meeting Room, Briefing/Conference Rooms, a Pre-function lobby area, distinguished visitor lobby, D/V breakroom, audio/visual support, administrative areas, restrooms, mechanical, electrical and storage spaces also included. Includes utilities, pavements, site improvements and all other support. Comply with DoD force protection requirements per unified facilities criteria.
Air Conditioning: 60 Tons

11. REQUIREMENT: 14,878 SM ADEQUATE: 12,648 SM SUBSTANDARD: 177 SM

PROJECT: Mission Planning Center. (Current Mission)

REQUIREMENT: An adequate facility is required to host up to 600 USAF, AFSOC, USSOCOM and Joint Unit personnel in a single auditorium for high-level classified and unclassified meetings and briefings. Provide four (4) additional 50-person briefing rooms; the facility will host concurrent meetings and briefings. Provisions for hosting Distinguished Visitors and a 90-person capacity Senior Meeting Room are required. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: Currently, Hurlburt Field has no single facility to accommodate large numbers of Air Force, AFSOC, USSOCOM and Joint Unit personnel for high-level classified and unclassified planning meetings and briefings. AFSOC must compete within the private sector market and economy to locate, schedule and lease large-capacity meeting facilities in the local metropolitan Ft. Walton Beach / Destin area. Locally available off-base facilities, which may be unavailable at critical times, cannot routinely provide adequate (secure) meeting facilities for sensitive classified

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MISSION PLANNING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-284	FTEV023011	7,800

briefings and meetings. These venues also do not provide adequate Force Protection measures for military personnel attending such events. Scheduling and conducting such functions in private-sector locations becomes extremely difficult and exposes large gatherings of military personnel to unacceptable risks. Since security measures to conduct a classified briefing in an unsecured area are so involved and manpower intensive, this precludes most classified conferences from being held off base.

IMPACT IF NOT PROVIDED: AFSOC will continue to rely on the availability of private-sector facilities, and pay market rates for the use of such facilities. In situations in which secure briefings must be conducted, meetings will be cancelled or delayed until adequate meeting facilities become available.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Jeffrey L. Pitchford, Phone 850-884-7701. Mission Planning Facility: 2230 SM = 24,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MISSION PLANNING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-284	FTEV023011	7,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 390

(4) Construction Contract Award 07 JAN

(5) Construction Start 07 FEB

(6) Construction Completion 08 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2008	1,100

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL USAFSOS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV023013	2,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
ADAL USAF SOS FACILITY				1,779
ADD TO USAFSOS FACILITY	SM	1,109	1,600	(1,774)
FORCE PROTECTION @ 0.5% OF STRUCTURE	LS			(5)
SUPPORTING FACILITIES				750
UTILITIES	LS			(150)
SITE IMPROVEMENTS	LS			(150)
PAVEMENTS	LS			(400)
COMMUNICATION SYSTEM	LS			(50)
SUBTOTAL				2,529
CONTINGENCY (5.0 %)				126
TOTAL CONTRACT COST				2,656
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				151
TOTAL REQUEST				2,807
TOTAL REQUEST (ROUNDED)				2,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(175.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloped metal roof. Functional areas include command suite, academic office space, secure seminar- styled classrooms, bathrooms and supplies areas. Includes utilities, parking and all other necessary support. Force protection includes structural reinforcement of exterior walls and fully insulated glass windows.

Air Conditioning: 60 Tons

11. REQUIREMENT: 12,503 SM ADEQUATE: 11,394 SM SUBSTANDARD: SM

PROJECT: Construct a Joint Special Operations University/USAF Special Operations School Facility (Current Mission).

REQUIREMENT: Construct a 650 SM energy efficient, properly configured addition to the JSOU/USAFSOS building. This facility will house the command suite, academic office space and seminar-styled secure classrooms. Unforeseen demand for SOF courses and academic programs has steadily increased both JSOU and USAFSOS manning beyond that originally programmed. Additionally, the development of SOF-specific Information Operations, Command and Control, PSYOP, Space Operations and Executive and Strategic level courses has increased the need for secure, seminar-styled classrooms and secure workspaces. Requirement for this project is unforeseen and cannot wait for the next MILCON program. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: The existing building is inadequate for the expanded faculty, staff and student body of the JSOU/USAFSOS programs. The initial JSOU beddown concept was to share with the already established USAFSOS program at Hurlburt Field, FL. This was a temporary solution that worked satisfactorily as the JSOU staff built to full strength. There are no facilities on base that could be improved or converted for this requirement.

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL USAFSOS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV023013	2,800

IMPACT IF NOT PROVIDED: Lack of adequate administrative and secure academic space will adversely impact the mission of the Joint Special Operations University. JSOU will be forced to continue use of temporary building to house faculty and staff. Staff growth will be limited to space availability provided in this structure which will be exceeded on or about FY04. Planned course expansion and SOF subject improvements, primarily for courses requiring secure SCIF classrooms, will be delayed. This shortfall in critical education availability will degrade overall SOF capability and limit its ability to adjust to new global threats and evolving USSOCOM missions supporting the Global War on Terrorism.

ADDITIONAL: This project does not meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, it does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. This project has not been identified in any previous MILCON and cannot wait for the next MILCON program because of emerging requirements. Commander, USSOCOM directed the establishment of JSOU in October 2000 with the intent of housing it in the USAFSOS facility. Rapid growth of both educational commitments and faculty size to meet mission directives was beyond that originally envisioned. Base Civil Engineer: Lt Col Jeffrey L. Pitchford, 850/884-7701.

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL USAFSOS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	141-454	FTEV023013	2,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	13-JAN-07
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2008	35%
* (d) Date 35% Designed	14-JAN-08
(e) Date Design Complete	25-AUG-08
(f) Energy Study/Life-Cycle analysis was/will be performed	NO
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0
(4) Construction Contract Award	09 JAN
(5) Construction Start	09 FEB
(6) Construction Completion	10 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
SYSTEM FURNITURE	3400	2004	175

DRAFT 1

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF-JSOU HQ FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-243	FTEV023014	20

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				1
HQ GROUP	SM	1	1,000	(1)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				16
TOTAL CONTRACT COST				16
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1
TOTAL REQUEST				17
TOTAL REQUEST (ROUNDED)				20

10. Description of Proposed Construction:

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF-JSOU HQ FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	610-243	FTEV023014	20

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2011	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

DRAFT 1

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOFJSOU EDU/LIBRARY TRNG CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	740-675	FTEV023015	20

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				0
BASE LIB	SM	1	155	(0)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				15
TOTAL CONTRACT COST				15
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1
TOTAL REQUEST				16
TOTAL REQUEST (ROUNDED)				20

10. Description of Proposed Construction:

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOFJSOU EDU/LIBRARY TRNG CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	740-675	FTEV023015	20

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2011	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	WEAPONS INSTRUCTOR COURSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	171-211	FTEV023016	2,540

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
WEAPONS INSTRUCTOR COURSE FACILITY				1,897
WEAPONS INSTRUCTOR COURSE FACILITY	SM	1,115	1,683	(1,877)
ANTITERRORISM/FORCE PROTECTION	SM	1,115	18	(20)
SUPPORTING FACILITIES				394
UTILITIES	LS			(200)
PAVEMENTS	LS			(25)
SITE IMPROVEMENTS	LS			(5)
ELEVATOR	EA	1	64,000	(64)
COMMUNICATION SUPPORT	LS			(100)
SUBTOTAL				2,291
CONTINGENCY (5.0 %)				115
TOTAL CONTRACT COST				2,405
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				137
TOTAL REQUEST				2,542
TOTAL REQUEST (ROUNDED)				2,540

10. Description of Proposed Construction: Concrete foundation, standing seam metal roof, split face concrete masonry wall, utilities, fire detection/protection, site improvements, pavements, landscaping, fencing, elevator, communication support, and all other necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows.
Air Conditioning: 250 Tons

11. REQUIREMENT: 1,115 SM ADEQUATE: 0 SM SUBSTANDARD: 0 SM

PROJECT: Construct Weapons Instructor Course (WIC) Facility. (New Mission)

REQUIREMENT: The Chief of Staff of the Air Force directed Headquarters Air Combat Command to become executive agent for the development of an Air Force Special Operations Weapons Instructor Course (AFSOC) at Hurlburt Field, Florida. The purpose of this school is to integrate all existing AFSOC-type weapon systems into a cohesive, state-of-the-art system that will modernize, streamline, and standardize all weapons command and control techniques throughout the Air Force Special Operations Command. The 16th Special Operations Wing does not possess sufficient facility space to support the efficient establishment of the school, necessitating the requirement to construct a new permanent facility.

CURRENT SITUATION: The AFSOC WIC Detachment (Det 3, United States Air Force Weapons School (USAF WS)) presently has limited personnel assigned and is initiating action to conduct condensed courses in five geographically separated, inadequately sized, and inefficiently configured areas. In FY05, the unit's strength will double and have a requirement to train approximately 25 students at any one time. The 16th Special Operations Wing has indicated that they do not have sufficient facility space to support the function. Det 3, USAF WS is developing a project to lease/purchase a modular

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	WEAPONS INSTRUCTOR COURSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	171-211	FTEV023016	2,540

complex so they can consolidate temporarily and train as many students as possible until the MILCON project described in this document is approved, and the new permanent facility has been constructed.

IMPACT IF NOT PROVIDED: The Detachment will only be able to present the Weapons Instructor Course to approximately 60% of the students that require the training. The Special Operations Command will not obtain all the properly trained, experienced weapons specialists needed to accomplish their primary mission in a timely manner. The Detachment will not be able to satisfactorily accomplish mission requirements.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Jeffrey L. Pitchford, (850) 884-7701. (Weapons Instructor Course Facility: 1,115 SM = 11,997 SF).

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	WEAPONS INSTRUCTOR COURSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	171-211	FTEV023016	2,540

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	03-MAY-04
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2005	15%
*	(d) Date 35% Designed	10-AUG-04
	(e) Date Design Complete	10-SEP-05
	(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	150
(b) All Other Design Costs	75
(c) Total	225
(d) Contract	188
(e) In-house	37

(4) Construction Contract Award	05 DEC
(5) Construction Start	06 FEB
(6) Construction Completion	07 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2006 PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	MEI-CLEAR/FILL WETLANDS, HELO LANDING APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	911-146	FTEV031049	EEIC 529 670.3

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
HELICOPTER LANDING APRON				527.3
CUT/CHIP MEDIUM TREES TO 12" DIAMETER	AC	5	3,560	(17.8)
GRUB STUMPS AND REMOVE	AC	5	2,000	(10.0)
COMMON FILL, DELIVER AND SPREAD	CY	78,200	6	(469.2)
SEEDING	AC	12	1,100	(13.2)
COMPACT FILL	SY	15,500	1	(17.1)
SUPPORTING FACILITIES				2.6
SILT FENCE	LF	2,600	1	(2.6)
SUBTOTAL				529.9
PROFIT AND OVERHEAD (26.5 %)				140.4
TOTAL FUNDED COST				670.3
UNFUNDED COST (10 %)				67.0
TOTAL REQUEST				737.3

10. Description of Proposed Work: Clear, grub, and fill approximately 12 acres of high quality forested wetlands. A 10-year permit requires that a certified project drawings signed/sealed by a PE to the Corps of Engineers at project conclusion. Project will require a state storm water permit for construction greater than one acre and require the development of a storm water pollution prevention plan to address control of sediments. Project will require inspections by a state certified storm water inspector weekly and after .5 inches of rainfall. Silt screens and other measures must be installed prior to work and maintained until final stabilization. Project must provide for final stabilization of the area with a uniform perennial vegetative cover with a density of at least 70% for all unpaved areas.

11. Requirement: As Required.

PROJECT: Clear, grub, and fill wetlands north of Helicopter Landing Apron.

REQUIREMENT: Due to the increased emphasis being placed on Air Force Special Operations, the 16th Special Operations Wing may plus up the number of aircraft assigned to the Wing. In addition, the conversion to the CV-22 aircraft requires the creation of a landing lane on the east apron to maintain flight safety. This will eliminate an existing Airfield Waiver.

CURRENT SITUATION: Current vegetation growth is in the aircraft flight clear zone and poses risk to aircraft and pilot. Also, all upland areas around the flight line have already been used for services that require quick access to the flight line.

IMPACT IF NOT PROVIDED: The increase in aircraft to support the special operations mission may result in a need for additional hanger space, an operations facility and an expansion of the flight line parking apron. Without this area, the mission will be severely impacted.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VEHICLE OPERATIONS ADMINISTRATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-121	FTEV033004	2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
VEHICLE OPERATIONS ADMINISTRATION FACILITY				1,824
VEHICLE OPERATIONS ADMIN FAC (13,870 SF)	SM	1,289	1,341	(1,729)
ANTITERRORISM/FORCE PROTECTION (0.5%)	LS			(9)
SUSTAINABILITY CONSTRUCTION (5%)	LS			(86)
SUPPORTING FACILITIES				776
UTILITIES	LS			(115)
PAVEMENTS	LS			(100)
SITE IMPROVEMENTS	LS			(100)
DEMOLITION	SM	952	106	(101)
COMMUNICATION SYSTEM	LS			(360)
SUBTOTAL				2,600
CONTINGENCY (5.0 %)				130
TOTAL CONTRACT COST				2,730
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				156
TOTAL REQUEST				2,885
TOTAL REQUEST (ROUNDED)				2,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(135.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls, and sloping metal roof. Functional areas include administrative areas, customer service, conference/training room, and driver's ready room/locker room. Includes utilities, parking, demolition of six buildings for a total of 952 SM and all other support. Includes minimum DoD interim force protection standards.

Air Conditioning: 35 Tons

11. REQUIREMENT: 1,289 SM ADEQUATE: 0 SM SUBSTANDARD: 952 SM

PROJECT: Construct an Administrative and Vehicle Operations Facility (Current Mission)

REQUIREMENT: This project is required to provide an adequate facility to support the 16th Special Operations Wing at Hurlburt Field. The 16th Transportation Squadron is an essential element of aircraft support. The squadron's mission is to ensure the best transportation service to their customers through worldwide passenger and cargo movement, while maintaining equipment and readiness. Force protection will comply with minimum DoD standards.

CURRENT SITUATION: The location of existing facilities does not follow a logical plan that accounts for the efficient operation of the larger transportation complex. These buildings are set at odd angles and do not relate well to adjacent facilities. Lack of a governing grid or siting guidelines has resulted in a lack of consistency. Several facilities have had piecemeal additions which interfere with the function of the paved area. Throughout the site several outdoor storage areas have given the complex a cluttered look. The clutter in some cases also interferes with the efficient use of

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE VEHICLE OPERATIONS ADMINISTRATION FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 610-121	7. PROJECT NUMBER FTEV033004	8. PROJECT COST ($000) 2,900

available space. Adequate space for administrative and vehicle operations exists within the complex, however, this space is not fully utilized and not organized for maximum efficiency. These functions are spread within seven small buildings varying in age from 18 to 43 years. The squadron commander is located in a metal building, 90205, which is outside the complex and not functionally located in close proximity to the vehicle operations functions. Six buildings will be demolished as a result of this project for total of 952 SM.

IMPACT IF NOT PROVIDED: The Administrative and Vehicle Operations will continue to be housed in inadequate facilities which will affect the morale and productivity of the personnel and thereby affect the efficient support of the mission of the 16th Special Operations Wing.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: Jeffrey L. Pitchford, Lt Col, 850-884-7701. Vehicle Operations Administration Facility: 1289 SM = 13,870 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VEHICLE OPERATIONS ADMINISTRATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-121	FTEV033004	2,900

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started

(b) Parametric Cost Estimates used to develop costs — YES

* (c) Percent Complete as of 01 JAN 2009

* (d) Date 35% Designed

(e) Date Design Complete

(f) Energy Study/Life-Cycle analysis was/will be performed — NO

(2) Basis:

(a) Standard or Definitive Design - — NO

(b) Where Design Was Most Recently Used -

(3) Total Cost (c) = (a) + (b) or (d) + (e): — ($000)

(a) Production of Plans and Specifications

(b) All Other Design Costs

(c) Total

(d) Contract

(e) In-house

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2008	135

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VISITING OFFICERS QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV033006	4,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
VISITING OFFICER QUARTERS (40 PN)				3,080
VOQ (21,000 SF)	SM	1,950	1,497	(2,919)
ANTITERRORISM/FORCE PROTECTION (0.5%)	LS			(15)
SUSTAINABILITY (5.0%)	LS			(146)
SUPPORTING FACILITIES				636
UTILITIES	LS			(195)
PAVEMENTS	LS			(212)
SITE IMPROVEMENTS	LS			(201)
COMMUNICATION SYSTEM	LS			(28)
SUBTOTAL				3,716
CONTINGENCY (5.0 %)				186
TOTAL CONTRACT COST				3,901
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				222
TOTAL REQUEST				4,124
TOTAL REQUEST (ROUNDED)				4,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(220)

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloped metal roof. Rooms to have combination living/bedroom with bath and support space for housekeeping equipment and storage. Includes utilities, parking and all other necessary support. Includes minimum DoD interim force protection standards.
Air Conditioning: 48 Tons

11. REQUIREMENT: 320 PN ADEQUATE: 277 PN SUBSTANDARD: 108 PN

PROJECT: Construct Visiting Quarters (Current Mission).

REQUIREMENT: This project is required to provide adequate living quarters to accommodate TDY personnel at Hurlburt Field. HQ AFSOC is located at Hurlburt Field drawing large numbers of officers, NCO's and civilian visitors to the installation. Additionally, the installation is home for the 16th Special Operations Wing, the Air Force Command and Control and Innovation Group (AFC2TIG) and the Special Operations School that conduct numerous training exercises and host numerous mission rehearsals. These schools and mission rehearsals bring a tremendous volume of transient personnel to the installation, generating a significant demand for temporary quarters. Force protection measures will comply with minimum DoD standards.

CURRENT SITUATION: Hurlburt Field has a severe shortage of adequate transient quarters available to accommodate visiting officers and non-commissioned officers. The lack of adequate on-base quarters forces transient personnel to find lodging off base. The availability and cost of off-base quarters fluctuates dramatically because of the local tourist based economy. During the tourist season adequate off-base quarters, at reasonable prices, are difficult or impossible to find within reasonable travel distance. The problem is further compounded by the increasing AFSOC air crew training

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VISITING OFFICERS QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV033006	4,100

requirements as new weapons systems are received.

IMPACT IF NOT PROVIDED: Large numbers of transient personnel, averaging 156 per night, will continue to be housed off-base, at a cost exceeding $1 million per year for contract quarters. Forced use of off-base quarters will have an adverse affect on training and mission rebearsal activities and will degrade morale, productivity and career satisfaction of transient personnel.

ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared.
Base Civil Engineer: Lt Col Jeffrey L. Pitchford, Phone 850-884-7701.
Visiting Officers Quarters: 1950 SM = 21,000SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	VISITING OFFICERS QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	724-417	FTEV033006	4,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS/APPLIANCES	3400	2008	220

DRAFT 1

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	WIDEN INDEPENDENCE ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851-147	FTEV033013	20

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				0
ROAD	SM	1	37	(0)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				15
TOTAL CONTRACT COST				15
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1
TOTAL REQUEST				16
TOTAL REQUEST (ROUNDED)				20

10. Description of Proposed Construction: Project extends the four-lane improvements to beyond the Credit Union/19SOS intersection.

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

PROJECT: Project extends the four-lane improvements to beyond the Credit Union/19SOS intersection.

REQUIREMENT: Project extends the four-lane improvements to beyond the Credit Union/19SOS intersection.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	WIDEN INDEPENDENCE ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851-147	FTEV033013	20

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2011	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN CRUZ AVENUE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV033014	2,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
REALIGN CRUZ AVENUE				1,150
REALIGN CRUZ AVENUE	LM	460	2,500	(1,150)
SUPPORTING FACILITIES				1,011
UTILITIES	LS			(450)
SITE IMPROVEMENTS	LS			(250)
DEMO BLDG 90604	SM	99	110	(11)
PARKING PAVEMENTS	LS			(300)
SUBTOTAL				2,161
CONTINGENCY (5.0 %)				108
TOTAL CONTRACT COST				2,269
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				129
TOTAL REQUEST				2,398
TOTAL REQUEST (ROUNDED)				2,400

10. Description of Proposed Construction: Demolish road and parking pavements, demolish curbs and sidewalks. Construct two lane asphalt road, including fill and compaction, culverts and retaining walls along existing ditch, curbs and sidewalks, sodding and striping. Includes relocation of electrical and water lines, 200 parking spaces and site improvements/mitigation as required.

11. REQUIREMENT: 460 LM ADEQUATE: 0 LM SUBSTANDARD: 460 LM

PROJECT: Realign Cruz Avenue. (Current Mission)

REQUIREMENT: This project is required to realign Cruz Avenue to provide adequate stand-off distances from existing and future planned facilities in support of the FY09 beddown of additional C-130 aircraft at Hurlburt Field. This project will provide better access and adequate parking spaces to facilities located on the north-west side of the flight line.

CURRENT SITUATION: Existing road and parking areas have deteriorated from age, poor drainage, and heavy traffic. Cruz Avenue is within 30 feet of existing and newly planned facilities and is too close to provide adequate force protection. Over 200 personnel and five existing facilities are at risk to include the Aerial Delivery facility, Base Photo Lab, Wing Operations Plans Flight, Air Intelligence Service facility, and the Maintenance Group Headquarters. In support of the C-130 beddown, a new C-130 hangar and squadron operations facility are scheduled to be constructed in FY09 between the flightline and Cruz Avenue and will be impacted unless this road is realigned.

IMPACT IF NOT PROVIDED: Existing road and parking areas will continue to deteriorate due to age, poor storm water runoff, and heavy traffic. Military and civilian personnel will continue to be exposed to inadequate force protection stand-off distances. Newly constructed facilities will also be impacted by the close proximity of Cruz Avenue.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN CRUZ AVENUE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV033014	2,400

1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Supporting facilities costs exceed 25% of the programmed amount due to the amount of pavement required to construct new parking areas and the relocation of above ground utilities underground. Base Civil Engineer: William A. Kolakowski, Lt Col, 850-884-7701. (Realign Cruz Avenue - 460 LM = 1,501 LF)

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this installation. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN CRUZ AVENUE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV033014	2,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	15-APR-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2006	15%
* (d) Date 35% Designed	15-SEP-05
(e) Date Design Complete	15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	144
(b) All Other Design Costs	72
(c) Total	216
(d) Contract	180
(e) In-house	36

(4) Construction Contract Award	06 DEC
(5) Construction Start	07 JAN
(6) Construction Completion	07 DEC

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN CRUZ AVENUE, PH 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV033015	2,650

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
REALIGN CRUZ AVENUE, PH2				674
REALIGN CRUZ AVENUE	LM	550	1,225	(674)
SUPPORTING FACILITIES				1,720
UTILITIES	LS			(350)
SITE IMPROVEMENTS	LS			(200)
CULVERTS	LS			(90)
RETAINING WALLS	LS			(480)
PAVEMENTS/CURBS/SIDEWALKS	LS			(600)
SUBTOTAL				2,394
CONTINGENCY (5.0 %)				120
TOTAL CONTRACT COST				2,513
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				143
TOTAL REQUEST				2,657
TOTAL REQUEST (ROUNDED)				2,650

10. Description of Proposed Construction: Demolish road and parking pavements, demolish curbs and sidewalks, install culverts and retaining walls. Construct a two lane asphalt road and parking, including fill and compaction, curbs and sidewalks, sodding and striping. Includes relocation of electrical and water lines and site inprovements/mitigation as required.

11. REQUIREMENT: 1,010 LM ADEQUATE: 460 LM SUBSTANDARD: 550 LM

PROJECT: Realign Cruz Avenue, Phase 2 (Current Mission).

REQUIREMENT: This project is required to relocate Cruz Avenue to provide adequate stand-off distances from existing and future planned facilities and to provide better access to facilities located on the north-west side of the flight line.

CURRENT SITUATION: Existing road and parking have deteriorated and are too close (30 FT) from existing and future planned facilities to afford adequate force protection.

IMPACT IF NOT PROVIDED: Existing road and parking will continue to deteriorate due to heavy traffic and poor storm water runoff. Personnel in existing and future planned facilities will be exposed to inadequate force protection stand-off distances.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850-884-7701.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this installation. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REALIGN CRUZ AVENUE, PH 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	851-147	FTEV033015	2,650

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2009	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SPECIAL TACTICS GROUP FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11830	610-243	FTEV033017	6,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF 720 STG HQ FACILITY				4,778
SPECIAL TACTICS GROUP FACILITY (29.650 SF)	SM	2,754	1,248	(3,437)
ADD FOR SCIF/VAULT (4728 SF)	SM	439	2,500	(1,098)
FORCE PROTECTION/ANTITERRORISM 0.5%	LS			(17)
SUSTAINABILITY @ 5%	LS			(227)
-	LS			(0)
SUPPORTING FACILITIES				1,050
UTILITIES	LS			(200)
PAVEMENTS	LS			(200)
SITE IMPROVEMENTS	LS			(200)
COMMUNICATION SYSTEM	LS			(200)
DESIGN-BUILD DESIGN COST	LS			(250)
SUBTOTAL				5,828
CONTINGENCY (5.0 %)				291
TOTAL CONTRACT COST				6,120
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				349
TOTAL REQUEST				6,469
TOTAL REQUEST (ROUNDED)				6,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(726)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, masonry walls and sloping metal roof. Functional areas include command section, logistics, operations, intelligence and plans. Includes utilities, parking, SCIF and vault areas with secure computer stations and all necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows.

Air Conditioning: 74 Tons

11. REQUIREMENT: 13,899 SM ADEQUATE: 10,706 SM SUBSTANDARD: 1,632 SM

PROJECT: Construct a Special Tactics Group Facility (Current Mission).

REQUIREMENT: This project is required to provide an adequate facility for the 720th Special Tactics Group (STG). The 720th STG has grown from an authorization of 40 to over 60 personnel and now includes the 720th Operations Support Squadron (OSS). Additional missions have been tasked to the Group to include Air Force Combat Control, Air Force Combat Weather, and the Advanced Skills Training school. Expanded support requirements associated with this growth have resulted in USSOCOM increasing Special Tactics personnel authorizations. This supplemental manpower generates an immediate need for additional operations space and supporting administrative areas. Additional space is also required for a SCIF, Operations Center, locker room, and mobility bay.

CURRENT SITUATION: The existing facility (a former clinic) is inadequately sized and poorly configured to support the units mission growth. Its mechanical and electrical

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SPECIAL TACTICS GROUP FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11830	610-243	FTEV033017	6,500

systems are antiquated and cannot be economically upgraded. Vehicle access to the current loading dock was cut off due to base Force Protection measures after 9-11. The SCIF/Operations Center cannot support the large number of personnel assigned who oversee the tasking of 8 Special Tactics Squadrons (based in six geographically separated locations) directly supporting the ongoing Global War on Terrorism. The facility also has no secure auditorium/conference room to sufficiently meet the Group¿s requirements.

IMPACT IF NOT PROVIDED: Special Tactics Forces will continue to operate in a poorly configured and inadequately sized facility with deteriorating mechanical and electrical systems. This will impact the morale and performance of these mission essential personnel working under such conditions.

ADDITIONAL: This project does meet the criteria/scope specified in Part II of Military Handbook 1190, " Facility Planning and Design Guide" and Air Force Handbook 32-1084,"Facility Requirements." Anti-terrorism/force protection measures will be included in accordance with the Unified Facilities Criteria (UFC) 4-010-01, DoD Minimum Anti-Terrorism Standards for Buildings, dated 8 October 2003, and updates as applicable. This project will comply with U.S. Army Corps of Engineers Technical Instruction 800-01, dated 20 July 1998 or later, and the Installation Design Guide. All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SPECIAL TACTICS GROUP FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11830	610-243	FTEV033017	6,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 174

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2010	488
COMMUNICATIONS EQUIPMENT	3400	2010	238

DRAFT 1

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AFLD WAIVER, ALTER INDEPENDENCE ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851-147	FTEV033018	20

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				0
ROAD	SM	1	37	(0)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				15
TOTAL CONTRACT COST				15
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1
TOTAL REQUEST				16
TOTAL REQUEST (ROUNDED)				20

10. Description of Proposed Construction: Relocates Independence Road, at south east corner of runway, to outside Primary Surface.

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

PROJECT: Relocates Independence Road, at south east corner of runway, to outside Primary Surface.

REQUIREMENT: Relocates Independence Road, at south east corner of runway, to outside Primary Surface.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AFLD WAIVER, ALTER INDEPENDENCE ROAD

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851-147	FTEV033018	20

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	
* (d) Date 35% Designed	
(e) Date Design Complete	
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

DRAFT 1

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOUNDSIDE VISITING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	724-417	FTEV033020	14,683

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOUNDSIDE BILLETING (120 PN)				10,314
120 PN BILLETING FACILITY (63,540 SF)	SM	5,903	1,730	(10,212)
FORCE PROTECTION	LS			(102)
SUPPORTING FACILITIES				2,981
UTILITIES	LS			(850)
PAVEMENTS	LS			(850)
SITE IMPROVEMENTS	LS			(850)
COMMUNICATION SYSTEM	LS			(431)
SUBTOTAL				13,295
CONTINGENCY (4.6 %)				612
TOTAL CONTRACT COST				13,907
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				793
TOTAL REQUEST				14,700
TOTAL REQUEST (ROUNDED)				14,683
UNFUNDED DESIGN				(1,250)
UNFUNDED FF&E				(1,200)
DESIGN MANAGEMENT				(250)

10. Description of Proposed Work: Concrete foundation and floor slab, steel frame, masonry and siding walls with sloped metal roof. Rooms to have combination living/bedroom with bath and support space for housekeeping equipment and storage. Includes utilities, parking and all other necessary support. Force protection includes structural reinforcement of exterior walls, landscaping, and tempered insulated glass windows.

Air Conditioning: 140 Tons

11. REQUIREMENT: 165 PN ADEQUATE: 45 PN SUBSTANDARD: 108 PN

PROJECT: Construct 120 PN (63,540 SF) Soundside Billeting Facility

REQUIREMENT: This project is required to provide adequate living quarters to accommodate TDY personnel at Hurlburt Field. HQ AFSOC is located at Hurlburt Field drawing large numbers of officers, NCO's and civilian visitors to the installation. Additionally, the installation is home for the 16th Special Operations Wing, the 505th Command and Control Wing and the Special Operations School that conduct numerous training exercises and host numerous mission rehearsals. These schools and mission rehearsals bring a tremendous volume of transient personnel to the installation, generating a significant demand for temporary quarters. Force protection measures will be incorporated IAW Installation Force Protection Guide. This proposed project will provide lodging for 120 persons.

CURRENT SITUATION: Hurlburt Field has a severe shortage of adequate transient quarters available to accommodate visiting officers and non-commissioned officers. The lack of

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOUNDSIDE VISITING QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	724-417	FTEV033020	14,683

adequate on-base quarters forces transient personnel to find lodging off base. The availability and cost of off-base quarters fluctuates dramatically because of the local tourist based economy. During the tourist season adequate off-base quarters, at reasonable prices, are difficult or impossible to find within reasonable travel distance. The problem is further compounded by the increasing AFSOC air crew training requirements as new weapons systems are received.

IMPACT IF NOT PROVIDED: Large numbers of transient personnel, averaging 156 per night, will continue to be housed off-base, at a cost exceeding $1 million per year for contract quarters. Forced use of off-base quarters will have an adverse affect on training and mission rehearsal activities and will degrade morale, productivity and career satisfaction of transient personnel.

ADDITIONAL: A Project Validation Analysis has been prepared comparing alternatives for new construction, revitalization, leasing and status quo operations. Based on the present values and benefits of the respective alternative, new construction was found to be cost effective over the life of the project. Although Appropriated Funds (APF) is the normal fund source for Visiting Quarters a waiver to fund source has been granted, which allows the use of Non-Appropriated Funds (NAF).

Key Milestones: Design Start - 24 Jun 04; 65% Design - 1 Jul 05; 100% Design - Sep 05; Award - Mar 06; Construction Complete - Sep 07

I have reviewed this document and certify it is complete and accurate. I have validated the project's primary classification. It has been coordinated with the user and other appropriate agencies and approved by the Installation Commander.

WILLIAM A. KOLAKOWSKI, Lt Col, USAF
Base Civil Engineer
(850) 884-7701

DRAFT 1

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	16TH CONTRACTING SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-243	FTEV033021	2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
CONTRACTING SQUADRON FACILITY				1,804
CONTRACTING SQUADRON	SM	1,200	1,425	(1,710)
FORCE PROTECTION/ANTITERRORISM (0.5%)	LS			(9)
SUSTAINABILITY CONSTRUCTION (5.0%)	LS			(86)
SUPPORTING FACILITIES				457
UTILITIES	LS			(100)
PAVEMENTS	LS			(110)
SITE IMPROVEMENTS	LS			(100)
COMMUNICATION SYSTEM	LS			(70)
DEMOLITION	SM	841	92	(77)
SUBTOTAL				2,261
CONTINGENCY (5.0 %)				113
TOTAL CONTRACT COST				2,374
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				135
TOTAL REQUEST				2,510
TOTAL REQUEST (ROUNDED)				2,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(200)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls and sloping metal roof. Functional areas include contracting section, customer service, contractor meeting spaces, training, bathrooms and base infrastructure, plans and programs and commodities sections. Includes utilities, pavements, demolition of one building and other necessary support. Includes minimum DoD force protection standards.

Air Conditioning: 32 Tons

11. REQUIREMENT: 11,989 SM ADEQUATE: 10,229 SM SUBSTANDARD: 1,549 SM

PROJECT: Construct a Contracting Squadron Facility.

REQUIREMENT: This project is required to provide an adequate facility for the 16th Contracting Squadron. This facility will provide separate areas for base personnel support and customer service/contractor areas.

CURRENT SITUATION: The existing contracting squadron facility is over 40 years old and is totally inadequate to support the contracting functions at Hurlburt Field. There are no facilities on base that could be used or modified for this requirement.

IMPACT IF NOT PROVIDED: The contracting squadron will continue to be housed in an inadequate facility which will affect the morale and productivity of personnel and thereby affect the efficient support of the mission of the 16th Special Operations Wing.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options to accomplish this project (status quo, renovation, upgrade/removal, new construction) was

1. COMPONENT AIR FORCE	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE 16TH CONTRACTING SQUADRON FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 610-243	7. PROJECT NUMBER FTEV033021	8. PROJECT COST ($000) 2,500

done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Enginner: William A. Kolakowski, Lt Col, USAF, 850-884-7701. Contracting Squadron Facility: 1200 SM = 12,831 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	16TH CONTRACTING SQUADRON FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-243	FTEV033021	2,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2010	
* (d) Date 35% Designed	
(e) Date Design Complete	
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):

	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid [illegible], cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2012	240

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AT/FP MAIN GATE/SOUNDSIDE ACCESS CONTROL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
28047	730-832	FTEV033022	6,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
MAIN GATE/SOUNDSIDE ACCESS CONTROL FACILITIES				2,946
GATE HOUSES/ID CHECK/OVERWATCH AREA	SM	342	3,362	(1,150)
ENTRY CONTROL/VEHICLE INSPECTION CENTER	SM	170	3,362	(572)
ACCESS GATES/BARRIER SYSTEMS	LS			(980)
SECURITY SYSTEM	LS			(245)
SUPPORTING FACILITIES				2,909
UTILITIES	LS			(750)
PAVEMENTS	LS			(1,750)
SITE IMPROVEMENTS	LS			(400)
DEMOLITION	SM	73	120	(9)
SUBTOTAL				5,855
CONTINGENCY (5.0 %)				293
TOTAL CONTRACT COST				6,147
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				350
TOTAL REQUEST				6,498
TOTAL REQUEST (ROUNDED)				6,500

10. Description of Proposed Construction: Concrete foundation and floor slab, masonry walls and sloping metal roof for an entry control/vehicle inspection center, ID check gate houses, a metal canopy over 3 lanes of traffic, guard booths, an overwatch area with shelter and a K-9 facility. Includes security system, utilities, pavements, crash beams, barriers, perimeter walls and all other necessary support. Demolish four buildings (73 SM).

Air Conditioning: 15 Tons

11. REQUIREMENT: 512 SM ADEQUATE: 0 SM SUBSTANDARD: 73 SM

PROJECT: AT/FP Main Gate/Soundside Entry Control Facilities. (Current Mission)

REQUIREMENT: This project is required to provide adequate vehicle entry control lanes and facilities for security personnel to properly conduct routine ID checks, visitor identification, and commercial vehicle inspection. The objective of the main gate and the soundside gate is to prevent unauthorized access to the base and maximize vehicular traffic flow both on-base and on US Highway 98; a 4-lane East-West thoroughfare that divides the main base from the soundside area located south of the main gate. This project is also required to support the increase of over 900 personnel associated with the beddown of additional C-130 aircraft at Hurlburt Field in FY06 and FY10.

CURRENT SITUATION: The existing entry control gates do not meet current DoD Antiterrorism/Force Protection Standards and Air Force Installation Entry Control Facility Design Guide criteria. Insufficient approach/queuing lanes and inadequate commercial vehicle inspection/holding areas at the main gate create 10-20 minute traffic delays and in some instances actual gridlock situations on US Highway 98. The soundside

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE AT/FP MAIN GATE/SOUNDSIDE ACCESS CONTROL	
5. PROGRAM ELEMENT 28047	6. CATEGORY CODE 730-832	7. PROJECT NUMBER FTEV033022	8. PROJECT COST ($000) 6,500

gate which currently guards the base marina and military family housing area is improperly configured to protect the consolidated club, mission planning facility, and lodging complex. A Hurlburt Field Main Gate Force Protection Study conducted in April 2003 determined the current gate configuration can only support 14,000 vehicles per day or 1,358 vehicles per hour. According to the report, the increase of personnel associated with the C-130 beddown and the growth in the surrounding area will require the main gate to support approximately 16,000 per day or 1,528 vehicles per hour. This project will meet this requirement. There are no alternate gate locations that can be accessed from US Highway 98 without creating more traffic problems.

IMPACT IF NOT PROVIDED: The increase of over 900 personnel will escalate the traffic congestion at the main gate and cause delays in excess of 10-20 minutes on US Highway 98. The risk of vehicular accidents will also increase. Existing and future facilities planned for the soundside area will remain unprotected and vulnerable to attack. Personnel near the gate and security personnel may be exposed to terrorist attacks.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicated there is only one option that will meet the operational requirement; therefore, no economic analysis was needed or performed. A certificate of exception is being prepared for this project. The supporting facilities cost exceeds 25% of the programmed amount due to the realignment of over 20,000 SM of pavement and the reconfiguration of the existing street lighting and electrical service distribution. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701. (Gate House - 328 SM = 3,529 SF; Vehicle Inspection Center - 170 SM = 1,829 SF)

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenents on this installation are benefited by this project.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	AT/FP MAIN GATE/SOUNDSIDE ACCESS CONTROL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
28047	730-832	FTEV033022	6,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	10-APR-05
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2006	15%
* (d) Date 35% Designed	10-SEP-05
(e) Date Design Complete	15-AUG-06
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	390
(b) All Other Design Costs	195
(c) Total	585
(d) Contract	520
(e) In-house	65

(4) Construction Contract Award	06 DEC
(5) Construction Start	07 JAN
(6) Construction Completion	08 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2006 PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADD TO FITNESS CENTER, 90517

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22176	740-674	FTEV041072	EEIC 529 732.4

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
ADD TO FITNESS CENTER, 90517				552.0
FITNESS CENTER	SF	6,000	92	(552.0)
SUPPORTING FACILITIES				27.0
CONTINGENCY (5%)	LS			(27.0)
SUBTOTAL				579.0
PROFIT AND OVERHEAD (26.5 %)				153.4
TOTAL FUNDED COST				732.4
UNFUNDED COST (10 %)				73.2
TOTAL REQUEST				805.7

10. Description of Proposed Work: Construct a 6000 SF addition of concrete masonry walls, steel frame, concrete footings and slab and sloping metal roof. Functional areas include group exercise room, locker rooms and child play area.

Air Conditioning: 15 Tons

11. Requirement: 36940 SF Adequate: 30940 SF Substandard: 39249 SF

PROJECT: Construct Addition to Fitness Center, 90517.

REQUIREMENT: Because of the mission at Hurlburt Field, physical fitness is a top priority for active duty personnel. Hurlburt also hosts four ACC flag exercises throughout the year and students at the Joint Special Operations University and the USAF Special Operations School. Consequently the fitness centers are heavily utilized and at times overcrowded. The hours of operation for these facilities have been increased to 20 hours per day to help alleviate the overcrowded conditions.

CURRENT SITUATION: The current fitness centers do not have adequate group exercise rooms, locker rooms and lack a child play area. The fitness centers are not adequate to support the number of military, dependent and retired personnel and cannot support the CSAF directed physical training program.

IMPACT IF NOT PROVIDED: Personnel at Hurlburt Field will be forced to use overcrowded fitness facilities, productivity will be lost, disrupting mission essential work accomplishment. This will adversely impact morale, welfare and retention of personnel which play a vital role in sustaining overall mission readiness.

DRAFT 1

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REFUELING VEHICLE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	214-467	FTEV043000	1,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
REFUELING VEHICLE MAINTENANCE FACILITY				1,090
REFUELING VEHICLE SHOP	SM	395	2,615	(1,033)
FORCE PROTECTION/ANTITERRORISM (0.5%)	LS			(5)
SUSTAINABILITY CONSTRUCTION (5.0%)	LS			(52)
SUPPORTING FACILITIES				420
UTILITIES	LS			(100)
PAVEMENTS	LS			(115)
SITE IMPROVEMENTS	LS			(100)
COMMUNICATION SYSTEM	LS			(75)
DEMOLITION	SM	287	105	(30)
SUBTOTAL				1,510
CONTINGENCY (5.0 %)				75
TOTAL CONTRACT COST				1,585
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				90
TOTAL REQUEST				1,676
TOTAL REQUEST (ROUNDED)				1,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(25)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls and sloping metal roof. Functional areas include maintenance work area, mechanical and ventilation rooms, office, supplies and parts storage, toilet and tool storage. Includes utilities, pavements, demolition of one metal building and all other necessary support. Includes minimum DoD force protection standards.
Air Conditioning: 12 Tons

11. REQUIREMENT: 395 SM ADEQUATE: 0 SM SUBSTANDARD: 287 SM

PROJECT: Construct a Refueling Vehicle Maintenance Facility.

REQUIREMENT: This project is required to provide an adequate facility to service and repair refueling vehicles. AFOSH STD 127-20 prohibits servicing and repairing fuel servicing tank units and hydrant hose trucks in maintenance shops with other vehicles; therefore, regulations require a separately sited maintenance and repair facility.

CURRENT SITUATION: The existing refueling vehicle maintenance facility is over 40 years old and is totally inadequate to support the refueler fleet at Hurlburt Field. There are no facilities on base that could be used or modified for this requirement.

IMPACT IF NOT PROVIDED: The refueling vehicle maintenance shop will continue to be housed in an inadequate facility which will affect the morale and productivity of the personnel and thereby affect the efficient support of the mission of the 16th Special Operations Wing.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options to

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REFUELING VEHICLE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	214-467	FTEV043000	1,700

accomplish this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850-884-7701. Refueling Vehicle Maintenance Facility: 395 SM = 4250 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	REFUELING VEHICLE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	214-467	FTEV043000	1,700

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2009	25

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 AIRCRAFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	113-321	FTEV043004	6,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
C-130 AIRCRAFT APRON				4,718
AIRCRAFT APRON	SM	45,470	70	(3,183)
PAVED SHOULDER	SM	1,170	34	(40)
BASE FOR CONCRETE HDD ZONE A	SM	45,470	32	(1,455)
AIRFIELD MARKINGS	LS			(40)
SUPPORTING FACILITIES				835
CLEAR/EXCAVATE	SM	45,470	17	(773)
WATER LINE	LS			(62)
SUBTOTAL				5,553
CONTINGENCY (5.0 %)				278
TOTAL CONTRACT COST				5,830
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				332
TOTAL REQUEST				6,163
TOTAL REQUEST (ROUNDED)				6,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(399.0)

10. Description of Proposed Construction: Clear, excavate, place base material and 12 inch concrete pavement. Includes asphalt shoulder, water line for fire protection and all other necessary support.

11. REQUIREMENT: 546,420 SM ADEQUATE: 490,950 SM SUBSTANDARD: 0 SM

PROJECT: Construct C-130 Aircraft Parking Apron.

REQUIREMENT: This project is required to provide additional parking for C-130 aircraft that are scheduled to be based at Hurlburt Field within the next five years. Space is required for loading, unloading, servicing and fueling.

CURRENT SITUATION: Existing aircraft parking apron is not adequate for the beddown of additional AC-130 and MC-130 aircraft scheduled for Hurlburt Field. There is no aircraft pavement that could be used or converted for this requirement.

IMPACT IF NOT PROVIDED: Without this project there will be inadequate space on Hurlburt Field to accept future aircraft. Physical separation will adversely affect mission preparation and execution because of impacts on communications and logistic support.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Planning Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Standard Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicated there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: William A. Polakowski, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 AIRCRAFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	113-321	FTEV043004	6,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2008	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2010	98
COMMUNICATIONS	3400	2010	301

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 AIRCRAFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	113-321	FTEV043004	6,200

installation are benefited by this project.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPERATIONS, TALON II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV043005	5,982

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF SQUADRON OPERATIONS, TALON II				4,149
SQUADRON OPERATIONS	SM	3,000	1,376	(4,128)
FORCE PROTECTION @ 0.5% STRUCTURE COST	LS			(21)
SUPPORTING FACILITIES				1,241
UTILITIES	LS			(350)
PAVEMENTS	LS			(364)
COMMUNICATION SYSTEM	LS			(232)
SITE IMPROVEMENTS	LS			(295)
SUBTOTAL				5,390
CONTINGENCY (5.0 %)				269
TOTAL CONTRACT COST				5,659
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				323
TOTAL REQUEST				5,982
TOTAL REQUEST (ROUNDED)				5,982
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(726)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, masonry walls and sloped metal roof. Functional areas include administration, planning and briefing areas and storage areas for flying equipment for each crew member. Includes utilities, pavements and all other necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows.

Air Conditioning: 80 Tons

11. REQUIREMENT: 19,814 SM ADEQUATE: 16,814 SM SUBSTANDARD: 2,107 SM

PROJECT: Construct a Squadron Operations Facility, Talon II.

REQUIREMENT: An adequate facility is required to plan, brief and critique combat crews and direct flight operations. Administrative space is required for the commander and his staff to program and conduct mission briefings and other related command activities. Space is also required to care for, store and issue organizational gear and flying equipment. The size of this facility is based on 10 PAA aircraft. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The squadron operations facilities currently being used are inadequate for the additional Talon II aircraft and crews scheduled for Hurlburt Field. There are no facilities on base that could be used or converted for this requirement. Existing facilities only provide 85 percent of the required space.

IMPACT IF NOT PROVIDED: Lack of an adequate squadron operations facility will adversely impact the MC-130 operations and war readiness at Hurlburt Field.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Standard Facility

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPERATIONS, TALON II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV043005	5,982

Requirements." A preliminary analysis of reasomable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicated there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-r, Vol 2B, Chapter 6, Joint Use has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SQUADRON OPERATIONS, TALON II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	141-753	FTEV043005	5,982

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 300

(4) Construction Contract Award 06 DEC

(5) Construction Start 07 FEB

(6) Construction Completion 08 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed NO

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2008	289
COMMUNICATIONS EQUIPMENT	3400	2008	437

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF WEAPONS RELEASE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	215-552	FTEV043006	2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF WEAPONS & RELEASE SYSTEM SHOP				1,554
WEAPONS & RELEASE SYSTEM SHOP (17,500 SF)	SM	1,626	951	(1,546)
FORCE PROTECTION @ 0.5% STRUCTURE COST	LS			(8)
SUPPORTING FACILITIES				698
UTILITIES	LS			(150)
PAVEMENTS	LS			(140)
SITE IMPROVEMENTS	LS			(130)
COMMUNICATION SYSTEM	LS			(100)
DEMOLITION (13,030 SF)	SM	1,211	147	(178)
SUBTOTAL				2,252
CONTINGENCY (5.0 %)				113
TOTAL CONTRACT COST				2,365
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				135
TOTAL REQUEST				2,499
TOTAL REQUEST (ROUNDED)				2,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(312.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, masonry walls and sloping metal roof. Functional areas include gun and ejector unit cleaning room, maintenance offices, dispatch office, bench stock room and storage space for test equipment, spare gun systems and mobility equipment storage in addition to normal shop space. Includes utilities, pavements, demolition of one building and all necessary support. Force protection includes structural reinforcement of exterior walls and fully tempered insulated glass windows.

Air Conditioning: 44 Tons

11. REQUIREMENT: 1,858 SM ADEQUATE: 232 SM SUBSTANDARD: 1,211 SM

PROJECT: Construct a Weapons and Release System Shop.

REQUIREMENT: This project is required to provide an adequate facility for cleaning, overhaul and repair of aircraft weapons release and gun systems. Adequate space is also required for maintenance and dispatch offices, bench stock and test equipment storage, and mobility equipment storage. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The existing weapons and release systems shop currently being used is inadequate for the additional aircraft scheduled for Hurlburt Field. There are no facilities on base that could be used or converted for this requirement.

IMPACT IF NOT PROVIDED: Lack of an adequate weapons and release facility will adversely impact the AC-130 operations and war readiness at Hurlburt Field.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Standard Facility

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF WEAPONS RELEASE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	215-552	FTEV043006	2,500

Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: Jeffery L. Pitchford, Lt Col, USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6, Joint Use has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF WEAPONS RELEASE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	215-552	FTEV043006	2,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2007	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS	3400	2009	216
SYSTEMS FURNITURE	3400	2009	96

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SURVIVAL EQUIPMENT SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	218-852	FTEV043007	2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF - CONSTRUCT SURVIVAL EQUIPMENT SHOP				2,067
SURVIVAL EQUIPMENT SHOP	SM	1,460	1,409	(2,057)
FORCE PROTECTION@ 0.5% STRUCTURE COST	LS			(10)
SUPPORTING FACILITIES				524
UTILITIES	LS			(125)
PAVEMENTS	LS			(75)
SITE IMPROVEMENTS	LS			(75)
COMMUNICATIONS	LS			(130)
DEMOLITION	M2	929	128	(119)
SUBTOTAL				2,591
CONTINGENCY (5.0 %)				130
TOTAL CONTRACT COST				2,721
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				155
TOTAL REQUEST				2,876
TOTAL REQUEST (ROUNDED)				2,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(356.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel frame, masonry walls and sloping metal roof. Functional areas include personnel parachute inspection and packing room, parachute washing room and drying tower, sewing room, storage areas for survival equipment and flotation equipment, flotation room for inspection, inflation and repacking rubberized survival equipment, and chemical use room for cleaning components, repairing anti-exposure suites and gluing rubberized items. Includes utilities, pavements, site improvements, communications, force protection, and demolition of one building and all necessary support.

Air Conditioning: 40 Tons

11. REQUIREMENT: 1,460 SM ADEQUATE: 0 SM SUBSTANDARD: 929 SM

PROJECT: Construct Survival Equipment Shop

REQUIREMENT: This project is required to provide an adequate facility for packing, inspecting, washing, and drying personnel parachutes. Adequate space is also required for a sewing room, storage areas for survival equipment and flotation equipment, inspection, inflation and repacking of rubberized survival equipment and a chemical use room. Force protection measures will be incorporated IAW Installation Force Protection Guide.

CURRENT SITUATION: The current facility is over 50 years old and is to small to accomodate current and future mission requirements. There are no facilities on base that could be used or converted for this requirement.

IMPACT IF NOT PROVIDED: Lack of an adequate survival equipment shop will adversely impact the wings capability to supply aircraft crews with appropriate gear to do their mission. Thus, negatively impacting the readiness at Hurlburt Field.

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SURVIVAL EQUIPMENT SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	218-852	FTEV043007	2,900

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Standard Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Base Civil Engineer: William a. Kolakowski, Lt Col USAF, 850/884-7701.

JOINT USE CERTIFICATION: IAW DoD Financial Management Regulation 7000.14-R, Vol 2B, Chapter 6 Joint Use has been considered. Unilateral construction is recommended based on the special operations mission to be performed in this facility.

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF SURVIVAL EQUIPMENT SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	218-852	FTEV043007	2,900

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2008	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATIONS	3400	2010	258
COMMUNICATIONS	3400	2010	98

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF DASH-21 MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV043008	3,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
DASH-21 MAINTENANACE SHOP				2,099
AIRCRAFT SUPPORT SHOP	SM	1,394	1,427	(1,989)
FORCE PROTECTION/ANTITERRORISM (0.5%)	LS			(10)
SUSTAINABILITY CONSTRUCTION	LS			(99)
SUPPORTING FACILITIES				834
UTILITIES	LS			(200)
PAVEMENTS	LS			(215)
SITE IMPROVEMENTS	LS			(200)
COMMUNICATION SYSTEM	LS			(80)
DEMOLITION	SM	1,392	100	(139)
SUBTOTAL				2,933
CONTINGENCY (5.0 %)				147
TOTAL CONTRACT COST				3,079
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				176
TOTAL REQUEST				3,255
TOTAL REQUEST (ROUNDED)				3,250
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(470.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls and sloping metal roof. Functional areas include flight line assigned Dash-21 equipment, flight line vehicle parking, tool kit, tool room and bench stock, maintenance and storage of non-powered support equipment and locker space. Includes utilities, pavements, demolition of one metal building (1392 SM) and all other necessary support. Includes minimum DoD force protection standards.

Air Conditioning: 15 Tons

11. REQUIREMENT: 5,596 SM ADEQUATE: 4,202 SM SUBSTANDARD: 0 SM

PROJECT: Construct a Dash-21 Maintenance Facility.

REQUIREMENT: This project is required to provide an adequate facility for maintenance and storage of flight line assigned Dash-21 equipment and non-powered support equipment, including tool and bench stock storage and locker space. Force protection measures will be incorporated IAW Installation Force Protection Standards.

CURRENT SITUATION: The existing Dash-21 facility is over 40 years old and inadequate to support the mission of the 16th Special Operations Wing. The existing building, sited on the flight line, is also in the way of construction of a new, much needed C-130 maintenance hangar. There are no facilities on base that could be used or modified for this requirement.

IMPACT IF NOT PROVIDED: Without this project the base will not be able to adequately support the flying mission of the 16th SOW.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF DASH-21 MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV043008	3,250

1084, "Facility Requirements." A preliminary analysis of reasonable options (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850-884-7701. Dash-21 Maintenance Facility: 1394 SM = 15000 SF.

JOINT USE CERTIFICATION: Mission requirement, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USSOCOM	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF DASH-21 MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-154	FTEV043008	3,250

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2009	
* (d) Date 35% Designed	
(e) Date Design Complete	
(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2011	200
COMMUNICATIONS	3400	2011	270

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF MAINTENANCE STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	442-758	FTEV043009	1,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
AIRCRAFT MAINTENANCE STORAGE FACILITY				699
MAINTENANACE STORAGE	SM	870	800	(696)
FORCE PROTECTION/ANTITERRORISM (0.5%)	LS			(3)
SUPPORTING FACILITIES				287
UTILITIES	LS			(60)
PAVEMENTS	LS			(60)
SITE IMPROVEMENTS	LS			(50)
COMMUNICATION SYSTEM	LS			(30)
DEMOLITION	SM	870	100	(87)
SUBTOTAL				986
CONTINGENCY (5.0 %)				49
TOTAL CONTRACT COST				1,036
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				59
TOTAL REQUEST				1,095
TOTAL REQUEST (ROUNDED)				1,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(150.0)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls and sloping metal roof. Functional areas include storage of aircraft maintenance parts and materials, office space and bathroom facilities. Includes utilities, pavements, demolition of one metal building (870 SM) and all other necessary support. Includes minimum DoD force protection standards.
Air Conditioning: 6 Tons

11. REQUIREMENT: 23,784 SM ADEQUATE: 22,914 SM SUBSTANDARD: 870 SM

PROJECT: Construct an Aircraft Maintenance Storage Facility.

REQUIREMENT: This project is required to provide an adequate facility for storage and issue of parts and materials located near where aircraft maintenanace is being performed. Force protection measures will be incorporated IAW Installation Force Protection Standards.

CURRENT SITUATION: The existing maintenanace storage facility is in the way of construction of a new, much needed C-130 maintenance hangar. There are no facilities on base that could be used or modified for this requirement.

IMPACT IF NOT PROVIDED: Without this project the base will not be able to adequately support the flying mission of the 16th Special Operations Wing.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exceptiom has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850-884-7701. Maintenance Storage Facility: 870 SM = 9360 SF.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF MAINTENANCE STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	442-758	FTEV043009	1,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2009	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2011	100
COMMUNICATIONS	3400	2011	50

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-111	FTEV043010	9,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
SOF C-130 MAINTENANCE HANGAR				6,636
HIGH BAY HANGAR	SM	2,415	1,970	(4,758)
AIRCRAFT MAINTENANCE UNIT	SM	1,115	1,655	(1,845)
FORCE PROTECTION/ANTITERRORISM (0.05%)	LS			(33)
SUPPORTING FACILITIES				1,520
UTILITIES	LS			(390)
PAVEMENTS	LS			(425)
SITE IMPROVEMENTS	LS			(420)
COMMUNICATION SYSTEM	LS			(285)
SUBTOTAL				8,156
CONTINGENCY (5.0 %)				408
TOTAL CONTRACT COST				8,564
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)				488
TOTAL REQUEST				9,052
TOTAL REQUEST (ROUNDED)				9,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				([illegible])

10. Description of Proposed Construction: Reinforced concrete footings, foundation and floor slab, structural steel frame, insulated metal walls and roof, fire protection, ramp and taxiway improvements, utilities and all other [illegible]. Includes minimum DoD force protection standards.

Air Conditioning: 30 Tons

11. REQUIREMENT: SM ADEQUATE: SM SUBSTANDARD: SM

PROJECT: Construct a C-130 Aircraft Maintenance Hangar.

REQUIREMENT: An adequate facility, properly sized and configured, for aircraft maintenance, individually unique aircraft test and evaluation of aircraft systems, weapon systems and high-priority test programs. This facility will provide indoor aircraft jacking, flight control replacement, rigging and other required heavy maintenance. This hangar will also house support sections which include bench stock, tools, precision maintenance equipment lab (PMEL), avionics maintenance and a dedicated supply support unit. Mobility taskings necessitate the storage of war readiness kits close to the aircraft and maintenance area. Force protection measures will be incorporated IAW Installation Force Protection Standards.

CURRENT SITUATION: Individual aircraft maintenance facilities are adequate but too few. Specifically, there are only 2 aircraft maintenance hangars on base for 31 C-130 aircraft. An additional 7 C-130 aircraft are scheduled to be bedded down at Hurlburt Field by 2010. With these additional aircraft there will not be adequate hangar space on base to perform required periodic maintenance.

IMPACT IF NOT PROVIDED: Without this project the 16th Special Operations Wing's mission readiness will be degraded if there is not an adequate maintenance capability for C-130

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-111	FTEV043010	9,100

aircraft.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide." However, this project does meet the criteria/scope in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational requirement. A certificate of exception has been prepared. Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701. C-130 Aircraft Maintenance Hangar: 3530 SM = 38,000 SF.

JOINT USE CERTIFICATION: Mission requirement, operational considerations, and location are incompatible with use by other components.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SOF C-130 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11205	211-111	FTEV043010	9,100

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2010	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure adequate cost and executability.

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COLLATERAL EQUIPMENT	3400	2012	220
COMMUNICATIONS	3400	2012	300

DRAFT 1

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SUPPLY WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	442-758	FTEV043016	20

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				0
WHSE SUP&EQUIP BSE	SM	1	70	(0)
SUPPORTING FACILITIES				15
UTILITIES	LS			(5)
PAVEMENTS	LS			(5)
SITE IMPROVEMENTS	LS			(5)
SUBTOTAL				15
TOTAL CONTRACT COST				15
SUPERVISION, INSPECTION AND OVERHEAD (6.5 %)				1
TOTAL REQUEST				16
TOTAL REQUEST (ROUNDED)				20

10. Description of Proposed Construction: Construct new 20,158 SM supply warehouse.

11. REQUIREMENT: ADEQUATE: SUBSTANDARD:

PROJECT: Construct new 20,158 SM supply warehouse.

REQUIREMENT: Construct new 20,158 SM supply warehouse.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	SUPPLY WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	442-758	FTEV043016	20

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

	(a) Date Design Started	
	(b) Parametric Cost Estimates used to develop costs	YES
*	(c) Percent Complete as of 01 JAN 2009	
*	(d) Date 35% Designed	
	(e) Date Design Complete	
	(f) Energy Study/Life-Cycle analysis was/will be performed	NO

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	0
(b) All Other Design Costs	0
(c) Total	0
(d) Contract	0
(e) In-house	0

(4) Construction Contract Award

(5) Construction Start

(6) Construction Completion

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

DRAFT 1

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	FAMILY CAMPING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	750-611	FTEV045003	600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
FAMILY CAMPING FACILITY, PH 3				215
FAMCAMP	VP	24	2,922	(70)
SERVICE BUILDING	SM	50	2,600	(130)
PICNIC PAVILION	EA	1	15,000	(15)
SUPPORTING FACILITIES				320
SITE IMPROVEMENTS/ENVIRONMENTAL IMPACT	LS			(85)
ELECTRIC, WATER & SEWER SERVICE	LS			(95)
PAVEMENTS	SM	2,200	34	(75)
UPGRADE ELECTRIC SITE OUTLETS	LS			(50)
RELOCATE SITE SEWER CONNECTIONS	LS			(15)
SUBTOTAL				535
CONTINGENCY (5.0 %)				27
TOTAL CONTRACT COST				562
SUPERVISION, INSPECTION AND OVERHEAD (6.0 %)				34
TOTAL REQUEST				595
TOTAL REQUEST (ROUNDED)				600
UNFUNDED DESIGN				(60)
MANAGEMENT FEES (2.5%)				(15)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(49)

10. Description of Proposed Work: Concrete pads with water, sewer and electrical connections for each camping vehicle parking space. Includes a service building with toilets, lavatories, showers, service sink, washers and dryers and picnic pavilion. Pave access road, upgrade electrical site outlets at 19 sites and relocate site sewer connections at 26 sites of phase 1 of the FAMCAMP.

11. REQUIREMENT: 74 VP ADEQUATE: 50 VP SUBSTANDARD: 0 VP

PROJECT: Construct a 24 station Family Camping Facility.

REQUIREMENT: An adequate facility is required that will accommodate 24 recreational vehicles (RVs) with water, electricity , sewage disposal, a service building and a congreation (picnic) area. Individual sites must be selected and developed so as to retain the natural environment yet permit managerial observation and control. Selected sites of phase 1 of the FAMCAMP need to be upgraded to current standards.

CURRENT SITUATION: Hurlburt Field is located on US Highway 98 which is the major coastal route between the Texas gulf coast and the Florida peninsula. This, coupled with the warm southern climate, makes this area a prime location for vacationers who are in transit or desire to remain in the area for a few days. Only two similar government owned facilities exist within several hours of Hurlburt Field, therefore this project is needed to provide a connecting link with facilities outside this area. Utilization of

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL COMMAND POST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-913	FTEV043020	1,358

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
ADAL COMMAND POST				1,049
ALTER COMMAND POST (5,527 SF)	SM	513	200	(103)
SRC ADDITION (3,115 SF)	SM	290	3,245	(941)
FORCE PROTECTION/ANTITERRORISM (0.5%)	LS			(5)
SUPPORTING FACILITIES				175
PAVEMENTS	LS			(36)
SITE IMPROVEMENTS	LS			(24)
UTILITIES	LS			(46)
GENERATOR/UPS SYSTEM	LS			(69)
SUBTOTAL				1,224
CONTINGENCY (5.0%)				61
TOTAL CONTRACT COST				1,285
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				73
TOTAL REQUEST				1,358
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(100.0)

10. Description of Proposed Construction: Reinforced concrete foundation, masonry walls, concrete inner roof and sloping metal roof. Functional areas include Survival Recovery Center (SRC), Security Forces Control Center (SFCC) and Fire Station Control Center (FSCC). Alter exterior walls and roof of Command Post. Includes utilities, parking, communication system, back-up generator, UPS system and all necessary support. Comply with DoD force protection requirements per unified facilities criteria.

Air Conditioning: 20 KW.

11. Requirement: 1027 SM Adequate: 737 SM Substandard: 0 SM

PROJECT: Add/Alter Command Post. (Current Mission).

REQUIREMENT: This project is required to consolidate command and control operations of the 16th Special Operations Wing (SOW). As a result of Hurricane Ivan and its Category 4 winds (135+ mph), it was clearly evident the 16 SOW does not have adequate command and control ride-out facilities capable of withstanding a Category 4 Hurricane. Due to the structural limitations of the existing Command Post and other control centers, the Wing Commander was forced to relocate his senior staff to 4 separate facilities for Hurricane Ivan. This relocation placed 50 senior staff at personal risk and made command and control of preparatory/recovery efforts extremely difficult. Consolidating all these operations into the Command Post will significantly enhance the Battle Staff's ability to respond to crisis activities as they occur. It will provide the Wing Commander with immediate unrestricted access to his "on-call" Special Operations Command aircraft, emergency responders, 41 Unit Control Centers, higher headquarters, and local/state officials. This project was not included in a prior year MILCON program because this is the first time Hurlburt Field was directly impacted by such a significant natural disaster.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	ADAL COMMAND POST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27596	610-913	FTEV043020	1,358

CURRENT SITUATION: The existing Command Post was designed to sustain Category 3 hurricane winds (110 mph) and is inadequately sized to support additional operations. The other three operation centers (SRC, SFCC, FSCC) are currently located in geographically separated facilities that are only rated for Category 2 winds (90 mph). Collocation of these functions in a facility rated for 150+ mph winds will provide the Wing Commander and Battle Staff with instant access to these important resources, and allow them to more efficiently sustain and utilize the 16 SOW's full mission capabilities.

IMPACT IF NOT PROVIDED: Reduced communication capabilities between vital operation centers will continue to negatively impact response times to emergency situations and create potential risks to personnel and resources. If not provided, an opportunity to consolidate command and control of all organizations critical to maintaining the 16 SOW mission capability will be lost.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and is urgently required as evidenced by Hurricane Ivan's substantial damage to Hurlburt Field ($45M). Base Civil Engineer: William A. Kolakowski, Lt Col, USAF, 850/884-7701. Addition: 290 SM (3,115SF); Alterations: 513 SM (5,527SF).

JOINT USE CERTIFICATION: This facility not only manages AF Special Operation aircraft, but also U.S. Special Operations Command's (SOCOM) mission critical "on-call" assets.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	CONSTRUCT WORK BAYS AUTO HOBBY SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000) EEIC 529
	740-665	FTEV045002	230

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES				234
AUTO HOBBY SHOP MAINT. BAYS	SF	1,800	130	(234)
SUPPORTING FACILITIES				0
SUBTOTAL				234
TOTAL CONTRACT COST				234
TOTAL REQUEST				234
TOTAL REQUEST (ROUNDED)				230

10. Description of Proposed Work: Construct new 1800 SF building to provide six additional auto hobby shop bays. The building will be located adjacent to existing auto hobby shop maintenance bays. The building will be a corrugated metal building with standing seam metal roof. The proposed structure shall have electrical outlets, lighting, six overhead doors, two personel doors and an HVAC system.

11. Requirement: Adequate: Substandard:

PROJECT: Construct Work Bays Auto Hobby Shop

REQUIREMENT: The proposed sructure will be an 1800 SF building to provide six additional auto hobby shop bays. The proposed structure shall have electrical outlets, lighting, six overhead doors, two personel doors and an HVAC system

CURRENT SITUATION: The existing auto hobby shop size is inadequate for the base population. There are long customer lines both during the week as well as the weekend.

IMPACT IF NOT PROVIDED: If not provided, the quality of life for base personel will be impacted. Especially the younger enlisted troops who depend on the use of the shop to help cut down on auto maintenance costs.

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HURLBURT FIELD, FLORIDA	FAMILY CAMPING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
NAF	750-611	FTEV045003	600

privately owned facilities in this area is extermely high from April through September, with demand far exceeding availability. The existing FAMCAMP is often filled to capacity and campers are turned away on a daily basis resulting in loss of income.

IMPACT IF NOT PROVIDED: Failure to provide this facility would omit a most important link in the network of RV accommodations which the Air Force is now constructing throughout the United States. Without question this location would be used to the maximum extent throughout the year and provide a valuable service to our transit and vacationing Air Force families. The military community will continue to be denied recreational activities offered at other military installations of comparable size, thus affecting morale and retention of quality personnel.









