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MILITARY RELOCATION TO GUAM AND CNMI PROGRAMMATIC AGREEMENT (PA) MEMO #1

Project: P-230 GSE Shop/Shed, AV Armament/Life Supp & LOX Pad	Date: April 30, 2014
Project Location: Andersen Air Force Base (AAFB)	Prepared By: EV23
PROJECT DESCRIPTION:	
<p>This project originally involved construction of a one-story high-bay composite facility with the five separate components listed below; however, the Liquid Oxygen (LOX) Pad has since been removed from project specifications and will <i>not</i> be built.</p> <ul style="list-style-type: none"> a. Ground Support Equipment Maintenance Shop (GSE Shop) b. Ground Support Equipment Holding Shed (GSE Shed) c. Aviation Armament Shop (AV Armament) d. Aviation (AV) Life Support Systems Shop (AV Life Supp) e. Liquid Oxygen (LOX) Pad <p>The facility shall be concrete-framed with reinforced concrete or precast wall and roof components, and supported on concrete foundations. Structural and exterior architectural systems will be constructed with features appropriate for Guam's extremely demanding environment.</p> <p>The GSE Shop shall provide maintenance bay space for intermediate level maintenance of aircraft and provides functional space for paint and blast booths, tire repair, battery repair, parts and tool storage, and administrative space.</p> <p>The GSE Shed shall provide storage space to support the GSE Maintenance Shop and AV Armament Shop.</p> <p>The AV Armament Shop shall provide a work space for inspection and maintenance of Aviation Weapon Support Equipment (AWSE), including a dedicated space for ammunition stock records, production control, supply and tool storage, caged turret storage, equipment pool trailers, and administrative space.</p>	

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- 1** This PA Memo is required by Stipulation IV.E.2.a. of the PA as a means for interested members of the public to provide comments on the identification and evaluation of historic properties. Stipulation IV.E.1.b. of the PA requires the DoD to take into account comments received within 45 days of the date of the delivery of this PA memo to the SHPO and public notification via the CRI website.

The AV Life Support Systems Shop shall provide a work space for inspecting, repairing, and repacking of parachutes, flotation devices and other life support equipment, and also shall include a separately partitioned oxygen shop and administrative space.

Mechanical utilities shall include domestic and fire protection water distribution, plumbing, sanitary sewer, HVAC (heating, ventilation and air conditioning), compressed air system, and lube-oil system.

Electrical utilities shall include primary and secondary power, lighting, telecommunications, intercommunications/ public address, grounding, exterior area lighting, and electrical pad-mounted transformers. Information systems include basic telephone, computer network, fiber optic, cable television, security, fire alarm/detection/mass notification systems, and infrastructure.

Built-in equipment for the GSE Shop includes a bridge crane, built-in vehicle lifts, pre-fabricated paint and blast booths with industrial ventilation and dust collection systems, and oil-water separators. Built-in equipment for the AV Armament Shop includes a monorail crane, and a radon mitigation system shall be provided for the whole facility.

Project works include site preparation (site clearing, excavation, earthwork, and preparation for construction). The effort may also require seismic fault, geotechnical/geophysical and topographic surveys and munitions of explosive concern removal. Paving and site improvements include grading, drainage, concrete pavements for GSE staging and container storage, and asphalt concrete parking for approximately 30 government and privately owned vehicles.

Approximately 385 meters of airfield security fencing, including automated access points through the airfield flight line fence shall be provided. Access roadways, screen walls, curbs, sidewalks, trash enclosures, exterior signage, and grassing will also be provided.

P-230 was originally identified in the 2010 Final EIS (FEIS) for the military relocation to Guam and CNMI and Appendix E of the 2011 *Programmatic Agreement among the Department of Defense, the Advisory Council on Historic Preservation, the Guam State Historic Preservation Officer, and the Commonwealth of the Northern Mariana Islands State Historic Preservation Officer Regarding the Relocation to the Islands of Guam and Tinian* (the Undertaking). Accordingly, this memo presents information to allow interested members of the public to provide comments on the identification and evaluation of historic properties in the proposed project area (see Figure 1).

Andersen Air Force Base is one of the largest airfields in the US Air Force. It covers 6,275 ha (15,500 acres) and occupies a mostly flat, uplifted limestone plateau in the northern portion of the island of Guam. The Main Operations area in the eastern third of the base includes the main active

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airfield and an array of operations, maintenance and community support facilities, most of which are located along the South Ramp. The North Ramp area includes operations of the Navy's HSC-25, munitions storage in the former Strategic Command storage area, and parking apron space for contingency operations. The central third of the base is a Munitions Storage Area (MSA). The western third is Northwest Field, a WWII-era airfield that is currently used for fixed-wing aircraft, helicopter training, and various field exercises and bivouacs.

The total APE for P-230 is 16.83 acres (6 hectares).

IDENTIFICATION OF HISTORIC PROPERTIES:

Scope of DoD Identification Efforts

In planning for the Undertaking, the Department of Defense (DoD) first conducted a data gap analysis to determine the need for supplemental identification and evaluation surveys and then conducted those surveys. In consultation with the Guam State Historic Preservation Officer (SHPO), Advisory Council on Historic Preservation (ACHP), National Park Service (NPS) and some Concurring Parties, we have applied the results to the siting/lay down of individual projects to avoid and minimize effects to historic properties to the extent practical. DoD has provided documentation of these efforts to the Signatories and Invited Signatories via Appendices D and E of the Programmatic Agreement (PA).

DoD surveys and evaluations have focused on project-specific areas of potential effect (APE), defined consistent with 36 CFR §800.16(d) to include those portions of the island of Guam and Tinian subject to direct and indirect effects of projects included in the Undertaking, based on the July 2010 Final Environmental Impact Statement (FEIS) for the Guam and CNMI Military Relocation.

In addition to the archaeological and architectural surveys and evaluations, DoD has completed extensive archival research and oral history studies and interviews to identify traditional cultural properties, places, sacred sites, and culturally important natural resources such as the *nunu*, *da'ok*, *dukduk*, and *ifit* trees, and medicinal plants.

More specifically, the entirety of the P-230 APE has been subject to one or more of the historic property identification efforts listed in 36 CFR §800.4(b)(1), which may include background research, consultation, oral history interviews, sample field investigation and field survey. As such, results of identification and evaluation efforts for the P-230 APE are contained within the following primary studies of cultural and/or historic resources conducted prior to, or in support of the 2010 FEIS.

Davis, R. and L. Aguon

1983 *Andersen Air Force Base Central Compound Reconnaissance Survey*. Letter report prepared by Department of Parks and Recreation, Government of Guam, Agana.

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NAVFAC Pacific

2012 *Historic American Engineering Record, Andersen Air Force Base North Field, HAER No. GU-9*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-09-D-1960, Task Order 13 to SEARCH, Inc.

Yoklavich, A. and H. David Tuggle

2004a *Andersen Air Force Base Historic Survey*. Prepared for the Department of Navy under Contract F41624-97-D-8023/0078 to Earth Tech Global Environmental, Colton, CA.

2004b *Historic Building and Associated Landscape Viewsheds Inventory and Evaluation for Andersen Air Force Base, Guam 2004 Update*. Prepared for the Department of the Navy under Contract No. F41624-03-M-8912 to Mason Architects, Honolulu, HI.

Yoklavich, A., J. Craib, and P. Drolet

1996 *Final Report: Cultural Resource Management Overview Survey, Andersen Air Force Base, Mariana Islands, Territory of Guam*. Prepared for Department of the Navy, Pacific Division, Facilities Engineering Command under Contract N62742-91-D-0507, Delivery Order No. 0005 to Ogden Environmental and Energy Services Co., Inc., Honolulu, HI.

Results of the above studies indicate that one historic property is located within the P-230 APE:

Historic Property 1 is a WW II-era runway complex, which while retaining some of its original layout, is now essentially a Cold War-era airfield with the 1940s elements adapted for larger and heavier aircraft (B-36, B-47 and B-52).

PRELIMINARY DoD DETERMINATION OF ELIGIBILITY:

Pending input from consulting parties and the public, the DoD's determination is that one site eligible for listing in the National Register of Historic Places is partially located within the P-230 APE. The nomination of this site for listing in the National Register of Historic Places by the DoD is in progress.

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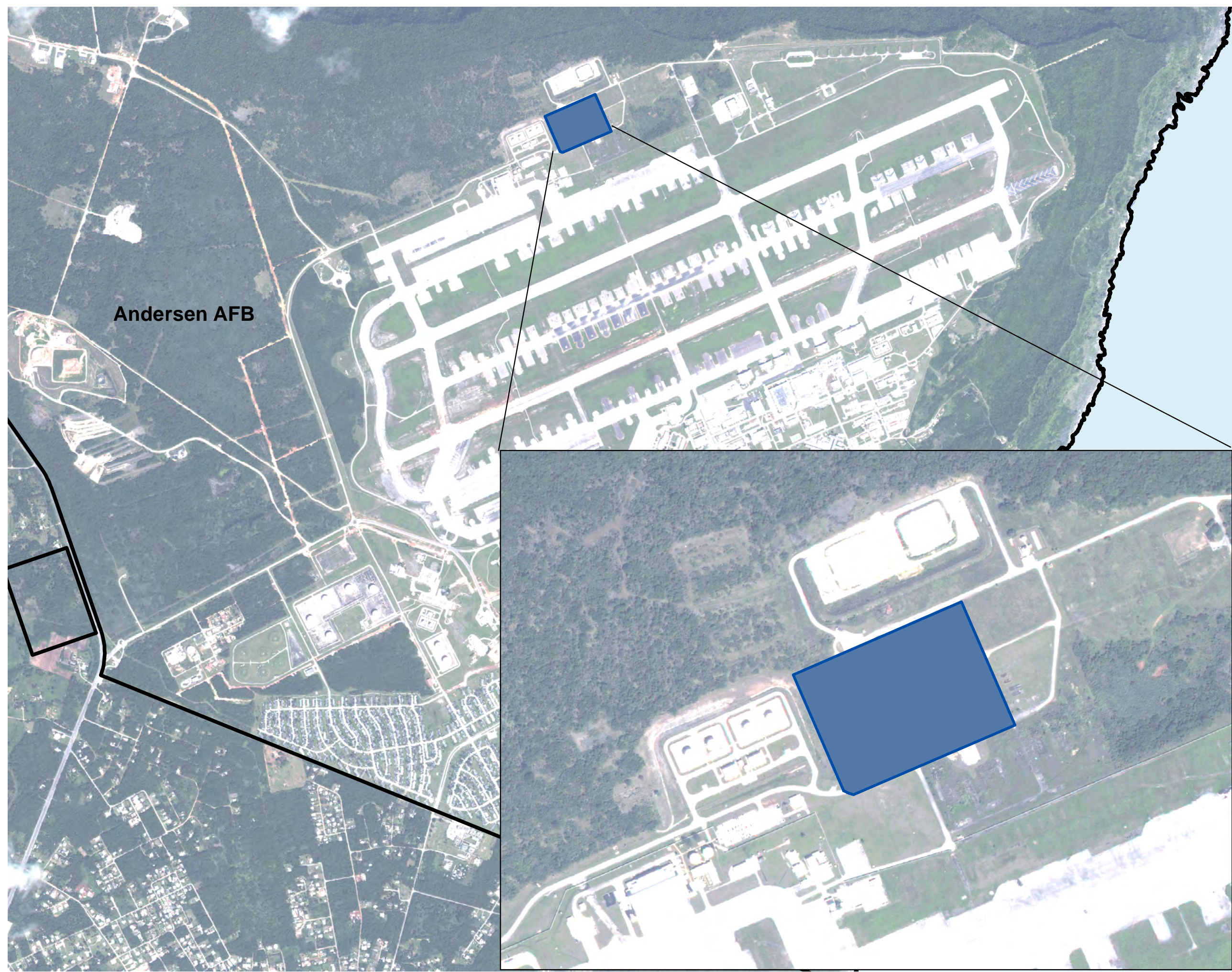

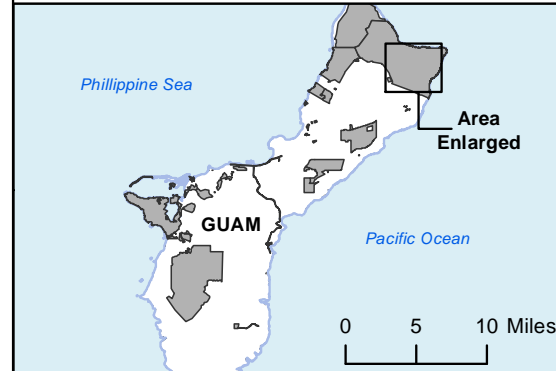
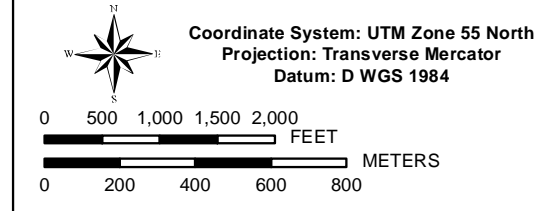


Figure 1
P-230 GSE Shop/Shed, AV
Armament/Life Supp & LOX Pad

Legend
 Impact Footprint (P-230)

Impact Area = 16.83 Ac



Date: Monday, April 28, 2014
 Path: C:\Users\A00155\Documents\GIS Data\MXD\14_AAFB\GIS_Environment\5_Cultural Resources\PA Memo - GSE Shop (Public).mxd