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

Project: P-601 Aircraft Maintenance Hangar #2	Date: December 10, 2015
Project Location: Andersen Air Force Base	Prepared By: NAVFAC Pacific

PROJECT SUMMARY:

This project proposes the construction of an aircraft maintenance hangar at Andersen Air Force Base on the island of Guam.

P-601, Aircraft Maintenance Hangar #2, was identified in the Final Environmental Impact Statement (FEIS) for the military relocation to Guam and CNMI and Appendix E of the Military Relocation Programmatic Agreement (PA). In accordance with Stipulation IV.E.2.a. of the PA, this memo presents information to allow the State Historic Preservation Officer (SHPO) to provide comments on the Department of Defense’s (DoD’s) determination of effects and if adverse, DoD’s plan for resolving those effects.

Project works include the construction of an aviation maintenance hangar with high bay spaces, crew and equipment spaces, and administrative spaces. Building electrical systems include power, emergency power, lighting, telecommunications, intercommunications/public address, grounding, lightning protection and electronic security systems. Building mechanical systems include a fire suppression system, plumbing, heating and air conditioning and compressed air. The building will be constructed with features appropriate to Guam earthquake and environmental conditions. Staging of construction materials will occur in the area cleared for J-200 which was consulted on 13 August 2013.

Site preparation was previously consulted on in Programmatic Agreement (PA) Memo P-109 (8 August 2013) and consisted of grading, disposal and in-fills, ground improvements and preparation for construction. The effort also required seismic fault, geotechnical/geophysical and topographic surveys and munitions explosive removal. Paving and site improvements include roadway improvements, landscaping and other improvements. The road improvements include an appropriate roadway storm-water runoff system. The ground improvements will include a drainage system consistent with the United States Marine Corps (USMC) North Ramp Area Development Plan and the storm-water pollution prevention plan. Electrical utilities will be connected to existing networks installed during P-109. The communication infrastructure will also be connected to

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existing infrastructure which was installed during construction of P-109.

Andersen Air Force Base 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 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 Area of Potential Effect (APE) for P-601 is 1.85 acres, all of which are included in the same footprint that was consulted on for MILCON (Military Construction) projects P-100, P-101, P-109, and J-200 (Figure 1).

PROJECT LOCATION:

The proposed hanger location is located on the northern side of North Field. Site preparation was previously consulted on in Programmatic Agreement (PA) Memo P-109 (8 August 2013) and consisted of grading, disposal and in-fills, ground improvements and preparation for construction. The effort also required seismic fault, geotechnical/geophysical and topographic surveys and munitions explosive removal. Paving and site improvements include roadway improvements, landscaping and other improvements. The road improvements include an appropriate roadway storm-water runoff system. The ground improvements will include a drainage system consistent with the United States Marine Corps (USMC) North Ramp Area Development Plan and the storm-water pollution prevention plan. Electrical utilities will be connected to existing networks installed during P-109. The communication infrastructure will also be connected to existing infrastructure which was installed during construction of P-109.

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P-109, and J-200 (Figure 1).

IDENTIFICATION OF HISTORIC PROPERTIES:

Scope of DoD Identification Efforts

In planning for the Undertaking, the DoD has conducted extensive archaeological and architectural surveys and evaluations, and, in consultation with the Guam 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. DoD has provided documentation of these efforts to the Signatories and Invited Signatories via Appendices D and E of the PA.

More specifically, the entirety of the P-601 project area falls within the P-100, P-101, P-109, and J-200 project footprints for which consultation has been completed. The entirety of the P-601 project area was included in one or more of the following studies of cultural and/or historic resources conducted prior to, or in support of the Environmental Impact Statement (EIS) by the DoD beginning in 2007.

Hunter-Anderson, R., and D. Moore

2003 Cultural Resources Snake Barrier Concept, Andersen Air Force Base, Guam. Prepared for Innovative Technical Solutions, Inc. (ITSI), Walnut Creek, California.

NAVFAC Pacific

2009 Archaeological Surveys and Cultural Resources Studies on Guam and the Commonwealth of the Northern Mariana Islands in Support of the Joint Guam Build-Up Environmental Impact Statement, Volume I: Guam. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 07 to TEC, Inc.

2010a Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Draft Archaeological Surveys on Guam 2009. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 07 to TEC, Inc.

2010b Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Draft Archaeological Surveys on Guam 2010. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 07 to TEC, Inc.

2010c Final Archaeological Surveys and Cultural Resources Studies Conducted in 2007 on the Island of Guam in Support of the Joint Guam Build-Up Environmental Impact Statement; Volume I: Narrative. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 10 to TEC,

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Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 10 to TEC, Inc.

2011 Final Cultural Resources Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Archaeological Surveys on Guam 2009 at Proposed Utility Sites, Harmon Annex, and Andersen Air Force Base. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 10 to TEC, Inc.

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.

Results of the studies indicate that a portion of one historic property, GHPI site 66-07-1064 (North Field), is located within the P-109 project area.

GHPI site 66-07-1064 (North Field), 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). More specifically, North Field is significant for its association with Andersen AFB's role as an important strategic and logistical location for the Air Force during the Cold War. North Field was originally constructed to serve as an airfield for B-29 bombers as part of the strategic bombing campaign over Japan during World War II. After the war, the U.S. Air Force took control of the base and used it first as a bomber base for the Far East Air Force (FEAF) and then as the only Strategic Air Command (SAC) bomber base in the Pacific Rim. During the Vietnam Conflict, Andersen's runways supported major B-52 bomber operations against North Vietnam, including Operations ARC LIGHT, BULLET SHOT, and LINEBACKER I and II, a crucial portion of the American strategy during the war.

Following completion of a Historic American Engineering Record (HAER) survey of the entirety of North Field in 2012 as mitigation for adverse effects related to MILCON projects P-100 and P-101, and also to address potential adverse effects for future Defense Policy Review Initiative (DPRI) projects within the boundaries of North Field, the DoD determined the site to be eligible for listing in the National Register of Historic Places under Criterion A because of its association with events that have made a significant contribution to the broad patterns of national, state or local history. Reference: 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. Draft copies of the North Field HAER were sent to the Guam SHPO and the National Park Service (NPS) for review, with only the NPS providing comments. The final version of the HAER was accepted by the NPS on November 30, 2012.

DETERMINATION OF ELIGIBILITY:

- 4 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.

Based on the previous PA memo concurrences for this APE, the DoD has determined that there are no Historic Properties within the APE.

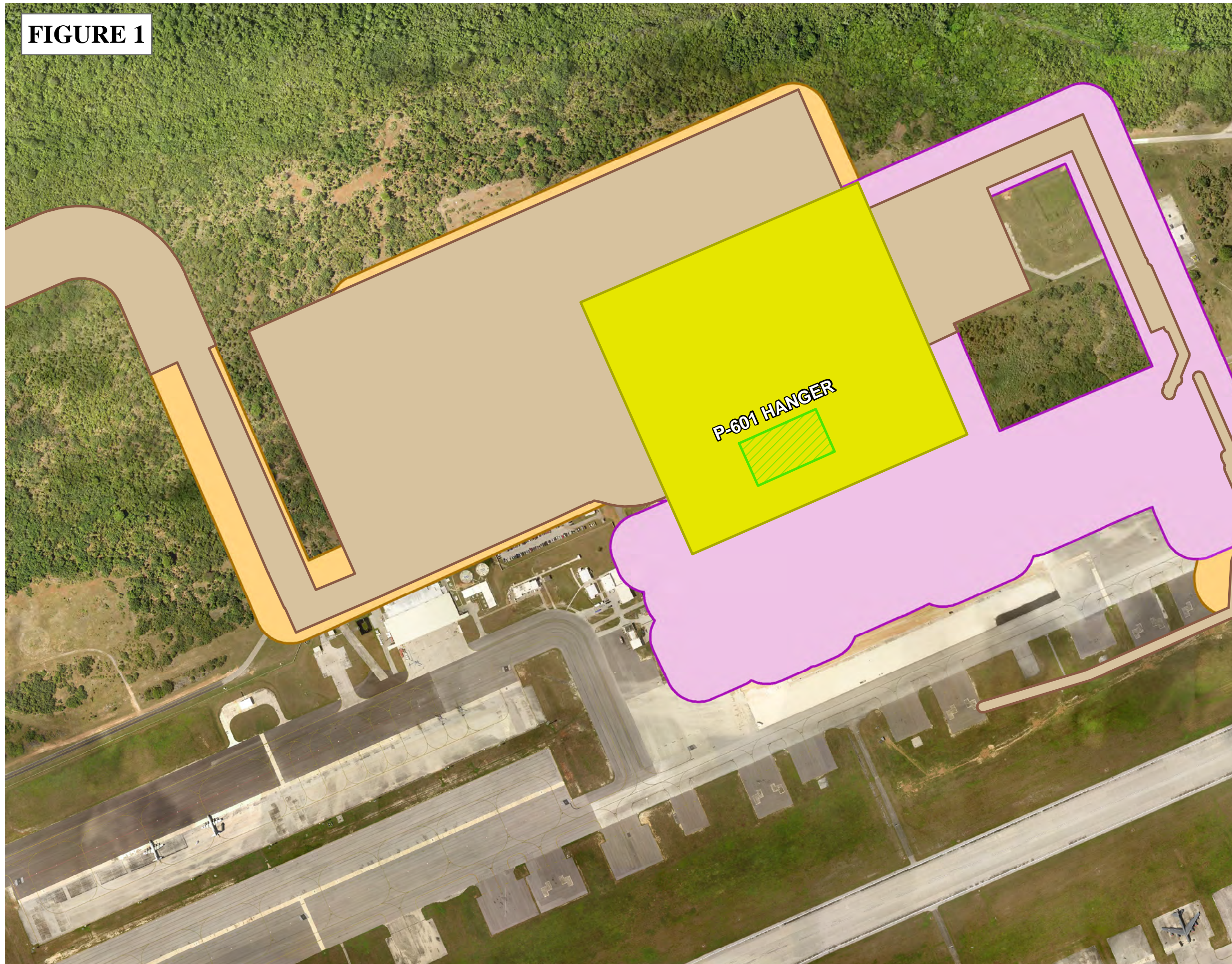
DETERMINATION OF EFFECT:

The DoD has determined that there will be no Historic Properties Effected during the construction of Aircraft Maintenance Hanger #2.

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FIGURE 1

**P-601
North Ramp Hanger
Figure 1**



- Legend**
- Impact Footprint (P-601)
 - Project Area - P-109
 - Project Area - J-200
 - Project Area P-101 (PA/Impact Footprint [March 2011])
 - Project Area - P-100
 - Installation Area

P-601 HANGER

Total Impact Area = 1.85 Ac

