



**Public Scoping Materials
Environmental Impact Statement for
Infrastructure Upgrades at
Andersen Air Force Base, Guam
United States Air Force
2021**



Informational Brochure (English)

Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
for INFRASTRUCTURE UPGRADES
at ANDERSEN AIR FORCE BASE, GUAM**



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

PUBLIC SCOPING FOR INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

Introduction

The National Environmental Policy Act (NEPA) was enacted to address concerns about federal actions and their effects on the environment. An Environmental Impact Statement (EIS) is the most detailed analysis prescribed by regulations implementing NEPA. The U.S. Air Force (USAF) has published a Notice of Intent to prepare an EIS, pursuant to NEPA, for the proposed Andersen Air Force Base (AFB) Infrastructure Upgrades. The U.S. Navy is a cooperating agency on the EIS. The Proposed Action includes the construction of infrastructure upgrades at the North Ramp and Munitions Storage Area-1 (MSA-1) (Figure 1) and use of this infrastructure consistent with existing installation operations once construction is completed.

Background of the Infrastructure Upgrades Project

USAF and Department of Defense (DoD) strategies and initiatives for the Indo-Pacific are continuously evolving in response to the geopolitical climate. Strategies such as the 2001 Quadrennial Defense Review, 2017 Asia Pacific Stability Initiative, and 2020 Pacific Deterrence Initiative seek to promote an agile defense posture, protection of the nation, and defense of U.S. interests in the region. The proposed infrastructure upgrades at Andersen AFB would be conducted in alignment with these initiatives to improve operationally relevant infrastructure and would allow USAF and DoD to maintain agile and flexible defense capabilities.

Through construction of infrastructure upgrades at Andersen AFB, the USAF intends to provide better capabilities for rotational aircraft and training detachments in support of U.S. national interests and maintaining stability in the Indo-Pacific.

What is the Public Scoping Process?

Public scoping is an early and open process, conducted in compliance with NEPA, for identifying issues and alternatives to be addressed in an EIS and determining who (e.g., public and government agencies) is interested in the proposed action. Public outreach is conducted as a part of the public scoping process to provide information to interested parties and to receive comments on the proposed action, alternatives, and potential impacts. Comments received during the public scoping process are considered in the preparation of the Draft EIS. See the timeline on the back of this page for additional information regarding steps in the EIS process.



EIS Timeline

Notice of Intent (NOI) Published

Public Scoping Period (Current Step)

Preparation of Draft EIS

Draft EIS Notice of Availability (NOA)

Draft EIS Public Comment Period and Hearing

Review of Public Comment on Draft EIS

Preparation of Final EIS

Final EIS NOA

Waiting Period

Record of Decision

Proposed Action

The proposed infrastructure would accommodate aircraft types and flight operations that have been addressed under previously prepared NEPA documentation for Andersen AFB, such as bombers, tankers, and fighters. Once construction is complete, the North Ramp project area would provide additional aircraft parking, fueling, and maintenance infrastructure to allow for greater efficiencies and agility in the way ground operations are conducted. MSA-1 would be used for munitions storage for aircraft rotations and training detachments, consistent with existing operations.

Construction would take place over approximately 7 years, and would disturb approximately 192 acres at the North Ramp project area and approximately 12 acres at the MSA-1 project area. Figures 2 and 3 provide an overview of the proposed infrastructure upgrades.



Figure 2: Proposed North Ramp Infrastructure Upgrades



Figure 3: Proposed MSA-1 Infrastructure Upgrades

Alternatives

The USAF considered other locations on Andersen AFB for construction of infrastructure upgrades; however, only the Proposed Action locations were determined to meet the criteria for the upgrades. The No Action Alternative will be addressed in the EIS in addition to the Proposed Action.

Environmental Impact Analysis Process

The USAF will conduct cultural and natural resources surveys in the areas proposed for upgrades, and consult with appropriate resource agencies to determine the potential for significant impacts on those resources. During construction, the USAF anticipates an increased demand on the construction workforce, and an increase in local spending. Currently, no other short- or long-term notable impacts are anticipated. Additional analysis will be provided in the Draft EIS, which is anticipated in late 2021 or early 2022. The Final EIS and a decision on the Proposed Action are expected in mid to late 2022.

Please provide comments in English on the project website, by email at AAFBInfrastructure.EIS@us.af.mil, or via postal mail to 36th Civil Engineer Squadron, ATTN: CEV (AAFB Infrastructure EIS), Unit 14007, APO, AP 96543-4007. The USAF also welcomes comments under Section 106 of the National Historic Preservation Act (36 Code of Federal Regulations Part 800). This brochure is also available in Chamorro on the project website and in print at the Nieves M. Flores Memorial Library (254 Martyr Street, Hagåtña, Guam).

Informational Brochure (CHamoru) Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
for INFRASTRUCTURE UPGRADES
at ANDERSEN AIR FORCE BASE, GUAM**



Sinangan I Inafepta Uriyan I Tano' Yan I Tasi

Fina'maolek Kinalamten Gi I Andersen Air Force Na Bes, Guåhan

'PUBLIC SCOPING' PARA I FINA'MAOLEK KINALAMTEN GI I ANDERSEN AIR FORCE NA BES, GUÅHAN

Introducion

Ma establiisa i Akton i National Environmental Policy (NEPA) para u atende i chinathinasso siha put i aksion i federåt ya taimanu para u inafepta i uriyan i tano' yan i tasi. I Sinangan I Inafepta Uriyan I Tano' Yan I Tasi (EIS) et mås kabåles na inestudia para u sedi i areklamenton NEPA. I U.S. Air Force (USAF) ha publika un 'Notice of Intent' para u pripåra un EIS, sigun i NEPA, para i fina'maolek kinalamtengi i Andersen Air Force na Bes (AFB) ni ma proponi. I Ma Proponi na Aksion sumåsaonao i hinåtsan i fina'maolek kinalamten gi i Notte na Ramp yan gi i Munitions Storage Area-1 (MSA-1) (Figuran 1). Yanggen esta munhåyan i hinåtsa, para u ma na'setbe este siha gi prisente na 'installation' na upirasion.

Infotmasion Put I Fina'maolek Kinalamten Na Prohetu

I plånu siha i USAF yan i Depattamenton Defensa (DoD) gi iya Indo-Pasifiku sesso matulailaika depende gi kleman 'geopolitical'. I plånu siha piot kumu 2001 Quadrennial Defense Review, 2017 Asia Pacific Stability Initiative, yan 2020 Pacific Deterrence Initiative ma espipipia para u abånsa mås metgot na defensa, prinotehen i nasion, yan dinifenden i interes i U.S. gi i lugåt. Giniha nu este siha na plånu, i ma proponi na fina'maolek kinalamtengi i Andersen AFB para u inarekla i kinalamten aplikao para i upirasion siha, ya lokkue' para u ma na'siguru na siña i USAF yan i DOD ma sustieni et mås kapås na difensa.

Sumigen i hinåtsan i fina'maolek kinalamten gi i Andersen AFB, I USAF ha entensiona para u na'guaha mås kapås na nina'siña para 'rotational aircraft' yan 'training detachments' komu para ma supotte i interes i U.S. yan i pås yan seguridåt gi iya Pasifiku.

Håfa i 'Public Scoping Process'?

I tinattiyin areklamenton NEPA, 'public scoping' i aktibidåt ni tåftåf yan ma baba, ya para u identifika i problema siha yan otro siha na kosas ni para u ma atende gi EIS ya ma ditetmina håyi (put ehemplo: i publiku yan i ahensian gobietnamento siha) man interesao. Gi 'public scoping process', todú ni man interesao siempre manrisibi mås infotmasion yan siña lokkue' man ma nå'i sinangan gi i ma proponi na aksion, otro siha, yan inafepta siha ni man posipble. I sinangan siha ni ma risibi gi i durånten i 'public scoping process' man ma kunsidera gi i fina'tinas i Draft na EIS. Atan i 'timeline' gi santatten este na plegu para mås infotmasion put i EIS na kinalamten.



Figuran 1: Estague' Siha na Lugåt Man Ma Ayek para Fina'maolek Kinalamten gi i Andersen AFB

I Ma Proponi na Aksion

I ma proponi na aksion para u aksepta 'aircraft types' yan 'flight operations' ni ma atende gi hagas siha na dokumentasjón NEPA para Andersen AFB, komu 'bombers', 'tankers', yan 'fighters'. Yanggen munhåyan esta ma håtsa, i Notte na Ramp siempre ha nå'i mås lugåt para mås båtkon aire, sagan ma gas yan inarekla como siña mås maolek taimanu man ma cho'gue i upirasion gi tano'. Para u fan ma pega i åtmas gi MSA-1 para 'aircraft rotations' yan 'training detachments' komu parehu yan håfa esta ma cho'cho'gue.

Tinaka' siempre 7 años para u ma håtsa ya siña ha estotba kana' 192 na hektarias gi i Notte na Ramp na lugåt yan kana' 12 na hektarias gi i MSA-1 na lugåt. Figuran 2 yan 3 ma na'annok siha i ma proponi na fina'maolek kinalamten.



Figuran 2: I Ma Proponi na Fina'maolek Kinalamten gi i Notte na Ramp



Figuran 3: I Ma Proponi na Fina'maolek Kinalamten gi i MSA-1

Siña Ma Ayek Otro Siha

I USAF ha kunsidera siha otro na lugåt gi i Andersen AFB para i hinåtsan i fina'maolek kinalamten. Lao eyu ha' i Ma Proponi na Aksion na lugåt siha ma ditetmina na mås propiu. I No Action Alternative para ma diskuti gi i EIS yan kontodu i Ma Proponi na Aksion.

Inestudian I Inafekta Uriyan I Tano' Yan I Tasi na Kinalamten

I USAF para u midi todú i kulturåt yan naturåt na hinasso gi i ma proponi na fina'maolek kinalamten ya siempre ma konsutta i aproposito siha na ahensia para ma ditetmina i inafekta ni man posipble. Gi i durånten i hinåtsa siha, I USAF ha ekspekpekta na lameggai siempre na fa'fa'cho'cho', ya mås meggai na 'local' na ginasta. Gi presente, tåya' mås siknifikante na inafekta ma ekspekpekta ('short-' pat 'long-term'). Mås infotmasion siempre u fa'lalakngos ginen i Draft na EIS ni ma ekspekpekta gi la uyu 2021 pat tåftaf gi 2022. I Uttimo na EIS yan i disision gi Ma Proponi na Aksion ma ekspekpekta gi entalo' pat i uttimo 2022.

Notice of Intent
(NOI) Ma Publika

Public Scoping
(Prisente na Tiempo)

Priparasión i Draft na EIS

Draft na EIS
Notice of Availability (NOA)

Sinangan Pupbliku
yan Hearing I
Draft na EIS

Inestudian I
Sinangan Pupbliku
Put I Draft na EIS

Priparasión i
Uttimo na EIS

Uttimo na EIS
NOA

Tiempon
Mannangga

Dokumenton
Disision

Put fabot na'yiyi i sinangân-mu gi Fino' Engles gi i huebsait gi sanpapa'. Siña lokkue' un imel pat un kattâyi si gi AAIFIrastructure.EIS@us.af.mil pat 36th Civil Engineer Squadron, ATTN: CEV (AAIFIrastructure EIS), Unit 14007, APO, AP 96543-4007. I USAF lokkue' ha aksepta sinangan sigun Seksion 106, Akton i Inadaheni Nasionåt Historikåt. (36 Kodigun Regulasiun Federåt Part 800). Siña un taitai este na tinige' gi Fino' CHamoru gi i huebsait gi sanpapa' pat tinige' na påppet gi i Nieves M. Flores Memoriåt na Liberia (254 Martyr Street, Hagåtña, Guam).

Posters

Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
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THE NATIONAL ENVIRONMENTAL POLICY ACT

BACKGROUND

The National Environmental Policy Act (NEPA) of 1969 was enacted to address concerns about federal actions and their effects on the environment.

NEPA's main objectives are as follows:

- **Ensure** analysis of proposed federal programs, projects, and actions before decision-making
- **Inform** the public of proposed federal activities that might affect environmental quality
- **Encourage** and facilitate public involvement in the decision-making process

WHAT IS AN EIS?

An Environmental Impact Statement (EIS) is the most detailed analysis prescribed by the regulations implementing NEPA.

An EIS is a detailed public document describing:

- A proposed action
- All alternative actions that were considered
- Environmental impacts of implementing the proposed action and reasonable alternatives

STEPS IN THE EIS PROCESS



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



PUBLIC SCOPING

WHAT IS PUBLIC SCOPING?

- An early and open process, conducted in compliance with the National Environmental Policy Act (NEPA), for identifying issues and alternatives to be addressed in an Environmental Impact Statement (EIS) and determining who is interested in the proposed action
- Begins with publication of a Notice of Intent (NOI) in the Federal Register stating an agency's intent to prepare an EIS

THE U.S. AIR FORCE HAS PUBLISHED AN NOI IN THE FEDERAL REGISTER TO PREPARE AN EIS FOR THE PROPOSED INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE (AFB), GUAM. THE U.S. AIR FORCE IS THE LEAD AGENCY FOR THE EIS, AND THE U.S. NAVY IS A COOPERATING AGENCY.

WHAT HAPPENS DURING PUBLIC SCOPING?

During public scoping, the U.S. Air Force:

- Provides information about the proposed action and alternatives being considered
- Corresponds with local and federal stakeholders
- Conducts public outreach
- Requests comments

WHAT ROLE DOES THE PUBLIC HAVE DURING PUBLIC SCOPING?

During public scoping, government agencies, stakeholders, and the public are invited to:

- Identify issues and concerns, and provide new information, data, and suggestions
- Request information
- Participate in public outreach opportunities
- Submit comments, relevant information, and questions

WHAT HAPPENS AFTER PUBLIC SCOPING?

After the public scoping period has ended, the U.S. Air Force will:

- Incorporate public input into the proposal and develop the Draft EIS, which is expected to be completed in late 2021 or early 2022
- Make the Draft EIS available to the public for review for a minimum of 45 days
- Incorporate applicable input on the Draft EIS into the development of the Final EIS, which is anticipated in mid to late 2022; a Record of Decision could be signed no sooner than 30 days after the Final EIS is released



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



PROPOSED ACTION OVERVIEW

PROJECT BACKGROUND:

- U.S. Air Force (USAF) and Department of Defense (DoD) strategies and initiatives for the Indo-Pacific are continuously evolving in response to the geopolitical climate.
- Initiatives and strategies seek to promote an agile defense posture, protection of the nation, and defense of U.S. interests in the region.
- Operationally relevant infrastructure within the Indo-Pacific allows for USAF and DoD to maintain agile and flexible defense capabilities in accordance with evolving strategies and initiatives.

PURPOSE OF AND NEED FOR THE PROPOSED ACTION:

- **Purpose:** Enhance Andersen Air Force Base's (AFB) capability to support permanent and rotational forces within the Indo-Pacific and strengthen the U.S.'s ability to respond regionally and worldwide, in alignment with evolving USAF and DoD initiatives for the region.
- **Need:** Meet national security objectives and improve Andersen AFB's ability to support the mission requirements for permanent and rotational aircraft in the face of evolving global security challenges.

Figure: Locations Proposed for Infrastructure Upgrades on Andersen AFB



GENERAL DESCRIPTION OF THE PROPOSED ACTION:

- Construction of infrastructure upgrades over the course of 7 years at the North Ramp and Munitions Storage Area-1 (Figure 1). Would provide additional aircraft parking, fueling, maintenance, and munitions storage infrastructure to allow for greater efficiencies and agility in the way ground operations are conducted at Andersen AFB.
- Designed to accommodate aircraft types and flight operations that have been addressed under previously completed National Environmental Policy Act documentation.



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INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



PROPOSED ACTION AND ALTERNATIVES

PROPOSED ACTION NORTH RAMP INFRASTRUCTURE:

Approximately 80 acres of paved surfaces; 16 acres of stormwater management infrastructure; and 96 acres that would be cleared, graded, revegetated, and maintained

- Airfield pavements
- Aircraft hangar and maintenance facility
- Flightline maintenance facility and utility building
- Jet fuel receipt, storage, and distribution system extension
- Fencing and utilities extension
- Roadways and parking
- Stormwater basins

PROPOSED ACTION MUNITIONS STORAGE AREA-1 INFRASTRUCTURE:

Approximately 1.2 acres of paved surfaces; 0.1 acre of stormwater management infrastructure; and 10.7 acres that would be cleared, revegetated, and maintained

- Three earth-covered magazines
- Pavements along utilities corridors
- Utilities
- Generator
- Stormwater basins



Figure:
Proposed
North Ramp
Infrastructure
Upgrades



Figure:
Proposed MSA-1
Infrastructure
Upgrades

ALTERNATIVES CONSIDERATION:

The USAF considered other locations on Andersen AFB for construction of infrastructure upgrades; however, only the Proposed Action locations were determined to meet the criteria for the infrastructure upgrades. The No Action Alternative will be analyzed, in addition to the Proposed Action.



ENVIRONMENTAL IMPACT STATEMENT INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



IMPACTS ANALYSIS

The following topics will be analyzed in the Environmental Impact Statement (EIS):

BIOLOGICAL RESOURCES

-  Threatened and endangered species
-  Wildlife and vegetation
-  Wetlands and floodplains

CULTURAL RESOURCES

-  Archaeological resources (prehistoric and historic)
-  Historic architectural resources
-  Traditional resources

WATER RESOURCES

-  Water quality (surface water and stormwater)
-  Groundwater aquifers

SOCIAL RESOURCES

-  Land use, including coastal zone management
-  Socioeconomics and environmental justice
-  Health and safety

OTHER CONSIDERATIONS

-  Geology and soils
-  Infrastructure and utilities
-  Noise
-  Air quality
-  Airfield management and aircraft safety
-  Transportation
-  Hazardous materials and waste

POTENTIAL IMPACT REVIEW

The U.S. Air Force (USAF) will conduct cultural and natural resources surveys in the areas proposed for upgrades, and consult with appropriate resource agencies to determine the potential for significant impacts on those resources. During construction, the USAF anticipates an increased demand on the construction workforce and an increase in local spending. Currently, no other short- or long-term notable impacts are anticipated. Additional analysis will be provided in the Draft EIS.



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



SUBMIT COMMENTS

As a result of the National Emergency declared by the President on Friday, March 13, 2020 in response to the coronavirus (COVID-19) pandemic and the Centers for Disease Control and Prevention's recommendations for social distancing and avoiding large public gatherings, all scoping is being conducted virtually. Virtual public scoping is conducted in accordance with the National Environmental Policy Act and the 2020 version of its implementing regulations at 40 Code of Federal Regulations Part 1506.6.

Through this virtual scoping process, comments, questions, and relevant information are welcomed on the U.S. Air Force's proposed Infrastructure Upgrades at Andersen Air Force Base. The U.S. Air Force also welcomes comments under Section 106 of the National Historic Preservation Act (36 Code of Federal Regulations Part 800) regarding the identification of or effects on historic properties, and requests to become a consulting party in the Section 106 process. Please submit comments in English using one of the following methods:

POSTAL MAIL:

36th Civil Engineer Squadron, ATTN: CEV (AAFB Infrastructure EIS)
Unit 14007
APO AP 96543-4007

EMAIL:

AAFBInfrastructure.EIS@us.af.mil

PROJECT WEBSITE:

www.AAFBInfrastructureEIS.com

Scoping materials are available on the project website for browsing or download, and in print at the Nieves M. Flores Memorial Library (254 Martyr Street, Hagåtña, Guam). Requests for printed scoping materials can also be made to the addresses above. For printed material requests, the standard U.S. Postal Service shipping timeline will apply. Please consider the environment before requesting printed material.

TO ENSURE THE U.S. AIR FORCE HAS SUFFICIENT TIME TO CONSIDER PUBLIC INPUT, PLEASE SUBMIT ALL COMMENTS BY MAY 30, 2021.

THANK YOU FOR YOUR PARTICIPATION IN THE PUBLIC SCOPING PROCESS FOR THE
ANDERSEN AFB INFRASTRUCTURE UPGRADES ENVIRONMENTAL IMPACT STATEMENT!



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



Presentation

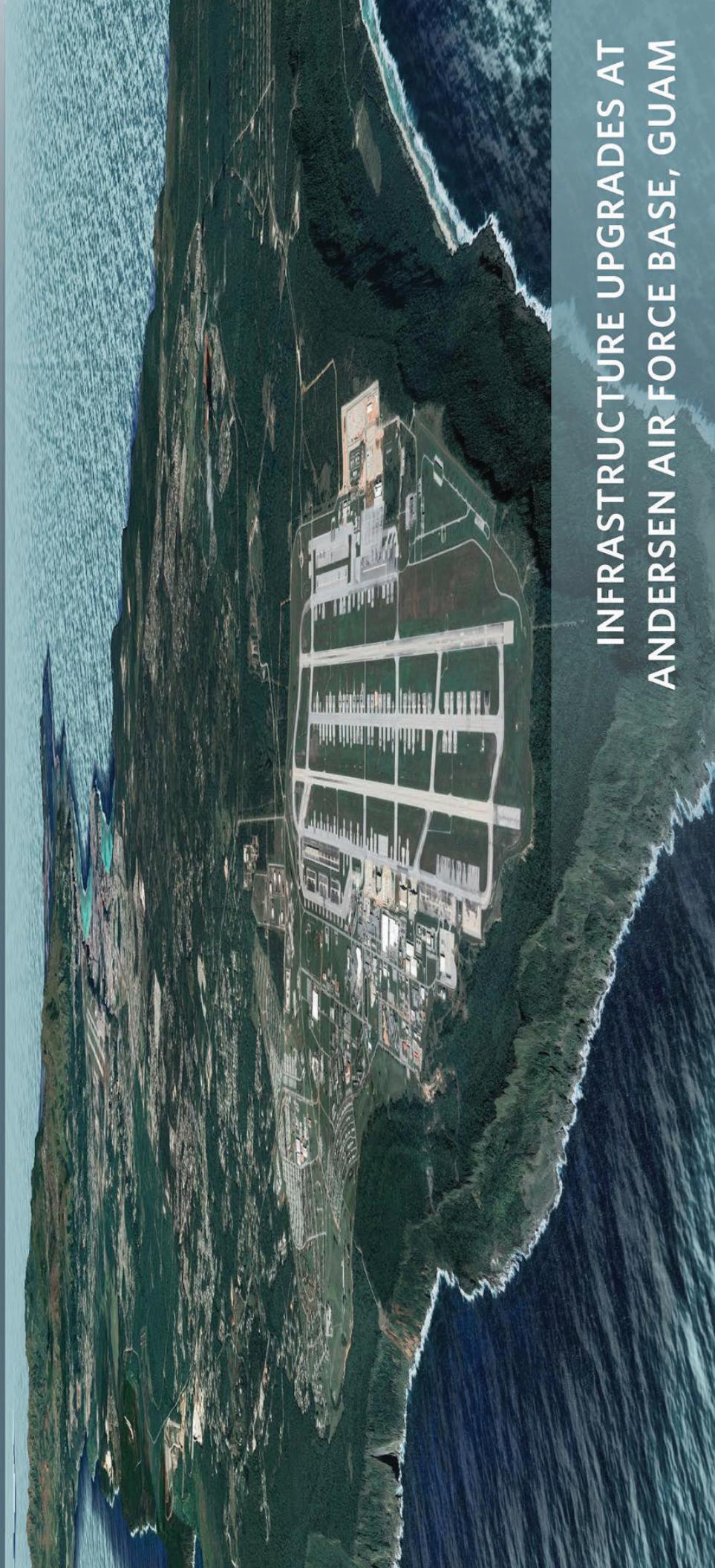
Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
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Public Scoping

ENVIRONMENTAL IMPACT STATEMENT



**INFRASTRUCTURE UPGRADES AT
ANDERSEN AIR FORCE BASE, GUAM**

OVERVIEW

- The National Environmental Policy Act
- What is Public Scoping?
- Proposed Action
- Alternatives
- Environmental Resources
- Schedule
- Comments/Questions



ENVIRONMENTAL IMPACT STATEMENT

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THE NATIONAL ENVIRONMENTAL POLICY ACT

- The National Environmental Policy Act (NEPA) of 1969 was enacted to address concerns about federal actions and their effects on the environment.
- Under NEPA, the analysis of environmental consequences is presented in an Environmental Impact Statement (EIS), which accomplishes the following objectives:
 - Identify and describe the affected environment
 - Evaluate the potential environmental consequences of reasonable alternatives
 - Identify environmental permits and specific mitigation measures to avoid, minimize, or reduce adverse environmental impacts, if required
- The NEPA process concludes with a Record of Decision (ROD) that identifies which alternative is selected and outlines any mitigation measures that are required.
- The U.S. Air Force has issued a Notice of Intent to prepare an EIS in accordance with NEPA. The USAF is the lead agency for the EIS, and the U.S. Navy is a cooperating agency.

Steps in the EIS Process



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

WHAT IS PUBLIC SCOPING?

- An early and open process for identifying issues and alternatives to be addressed in an EIS
- Conducted in compliance with NEPA

Purpose of Public Scoping:

- Provide the public with information about a proposed action, alternatives, and topics that will be analyzed in the EIS
- Conduct public outreach and receive public input on the information to be presented in the EIS



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INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

AFTER PUBLIC SCOPING

After the public scoping period has ended, the USAF will:

- Incorporate public input into the proposal and develop the Draft EIS, which is expected to be completed in late 2021 or early 2022
- Make the Draft EIS available to the public for review for a minimum of 45 days
- Incorporate applicable input on the Draft EIS into the development of the Final EIS, which is anticipated in mid to late 2022; a Record of Decision could be signed no sooner than 30 days after the Final EIS is released



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

REMOTE PUBLIC SCOPING

For this EIS, scoping is being conducted remotely due to the COVID-19 pandemic. Remote scoping is being conducted in accordance with:

- The National Emergency declared by the President on March 13, 2020, in response to the COVID-19 pandemic
- The Centers for Disease Control and Prevention's recommendations for social distancing and avoiding large public gatherings
- NEPA and the 2020 version of the implementing regulations at 40 Code of Federal Regulations Part 1506.6.

During remote scoping, all scoping materials will be available to the public for online browsing or download from the project website www.AAFBInfrastructureEIS.com or as hardcopies at the Nieves M. Flores Memorial Library (254 Martyr Street, Hagåtña, Guam). To request hardcopies, please use one of the methods outlined below. For printed material requests, the standard U.S. Postal Service shipping timeline will apply. Please consider the environment before requesting printed material.

Scoping comments can be submitted in English using one of the following methods:

- Postal Mail: 36th Civil Engineer Squadron,
ATTN: CEV (AAFB Infrastructure EIS),
Unit 14007
APO AP 96543-4007
- Email: AAFBInfrastructure.EIS@us.af.mil
- Project Website: www.AAFBInfrastructureEIS.com



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

PROPOSED ACTION BACKGROUND

- The 2001 Quadrennial Defense Review (QDR) stated the Indo-Pacific region has become increasingly more important to regional and U.S. security.
- The 2017 Asia-Pacific Stability Initiative (APSI) reinvigorates UASF's focus on the Pacific. The APSI was introduced by late Senator John McCain and calls for the need to reinforce U.S. forces in the region, enhance the U.S. deterrent posture, and reassure and build capacity with regional allies and partners.
- The 2020 Pacific Deterrence Initiation (PDI) was established by the Fiscal Year 2021 National Defense Authorization Act to send a strong signal that the U.S. is deeply committed to defending their interests in the Indo-Pacific.
- USAF and Department of Defense (DoD) strategies and initiatives for the Indo-Pacific are continuously evolving in response to the geopolitical climate.



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

PROPOSED ACTION PURPOSE AND NEED

Purpose: Enhance Andersen Air Force Base's (AFB) capability to support permanent and rotational forces within the Indo-Pacific and strengthen the U.S.'s ability to respond regionally and worldwide, in alignment with evolving USAF and DoD initiatives for the region.

Need: Meet national security objectives and improve Andersen AFB's ability to support the mission requirements for permanent and rotational aircraft in the face of evolving global security challenges.



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

PROPOSED ACTION OVERVIEW

- Construction of infrastructure upgrades over 7 years at the North Ramp and Munitions Storage Area-1 (MSA-1) on Andersen AFB
- Once construction is completed, use of this infrastructure would be consistent with the existing type of ground and aircraft operations that occur at Andersen AFB
 - The North Ramp project area would provide additional aircraft parking, fueling, and maintenance infrastructure to allow for greater efficiencies and agility in where and how ground operations are conducted
 - MSA-1 would be used for munitions storage for aircraft rotations and training detachments, consistent with existing operations
- Designed to accommodate aircraft types and flight operations that have been addressed under previously prepared NEPA documentation for Andersen AFB, such as bombers, tankers, and fighters



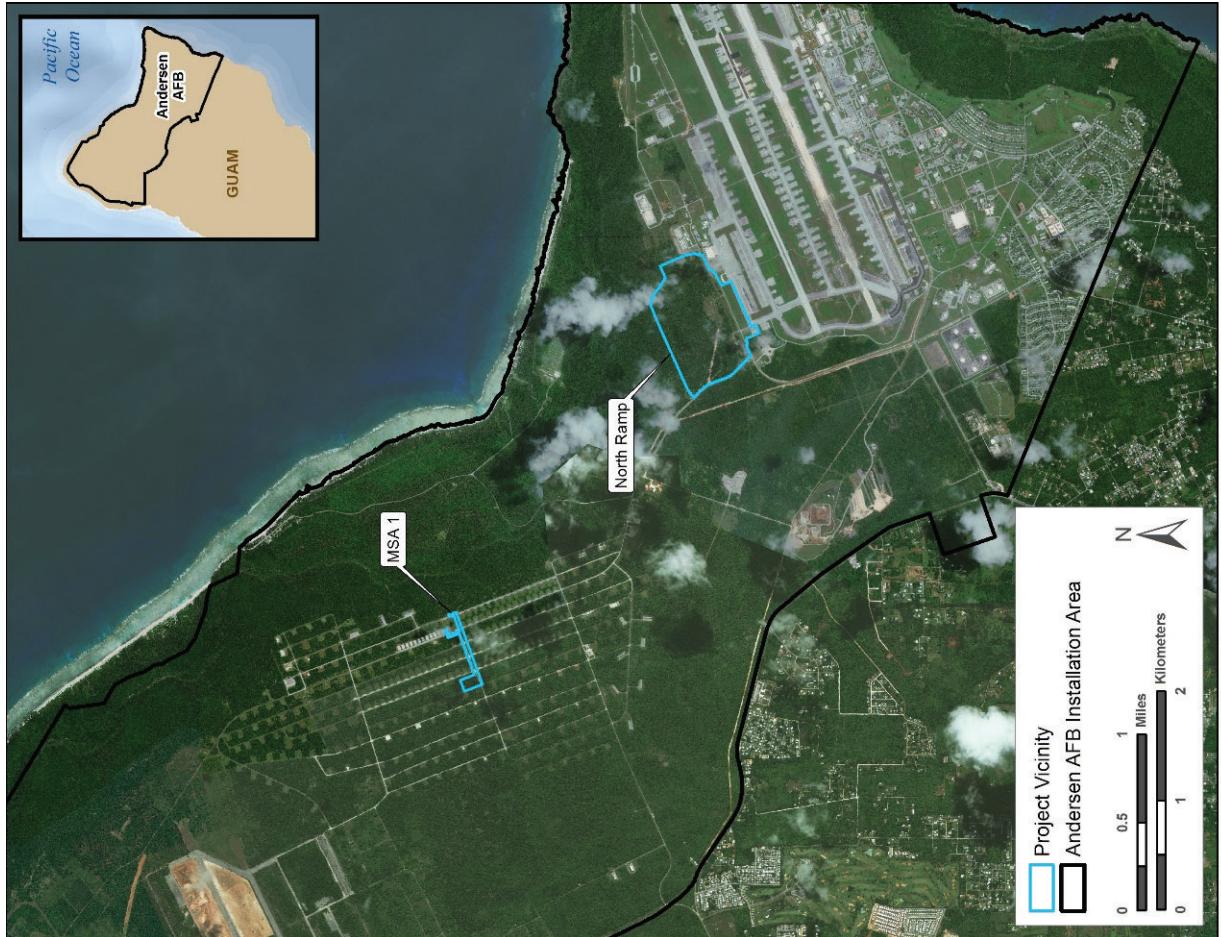
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PROPOSED ACTION

Andersen AFB Project Area

Overview



ENVIRONMENTAL IMPACT STATEMENT

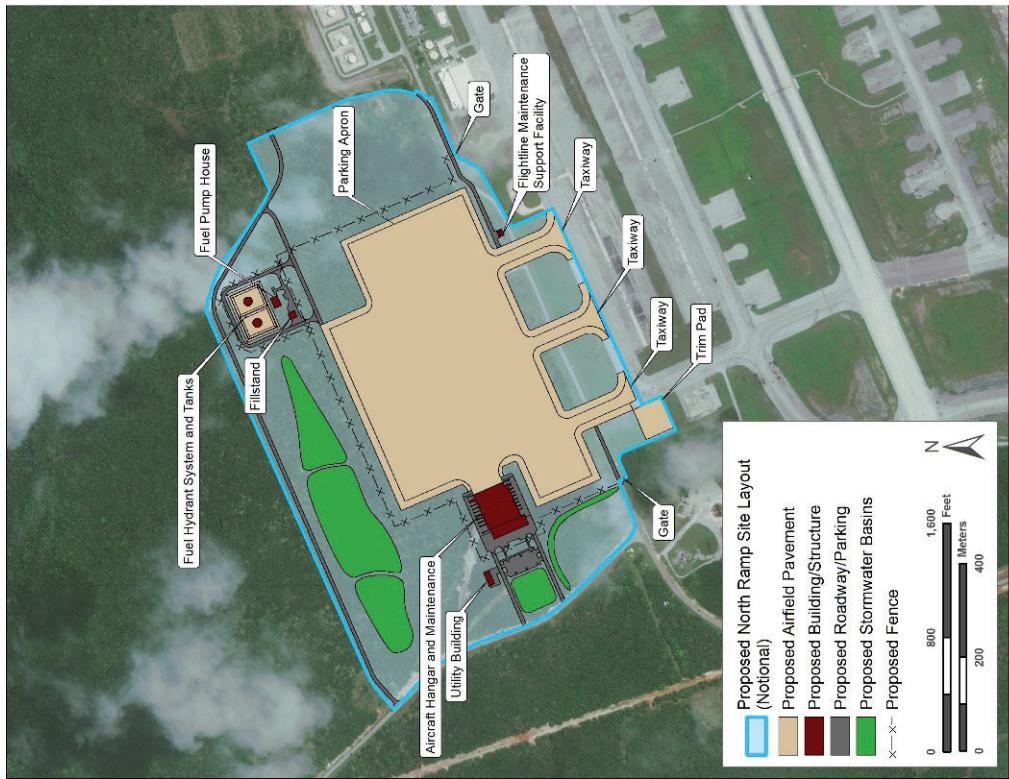
INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

PROPOSED ACTION: NORTH RAMP INFRASTRUCTURE

Approximately 80 acres of paved surfaces; 16 acres of stormwater management infrastructure; and 96 acres that would be cleared, graded, revegetated, and maintained once construction is complete.

North Ramp Upgrades:

- Airfield pavements
- Aircraft hangar and maintenance facility
- Flightline maintenance facility and utility building
- Jet fuel receipt, storage, and distribution system extension
- Fencing and utilities extension
- Roadways and parking
- Stormwater basins



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

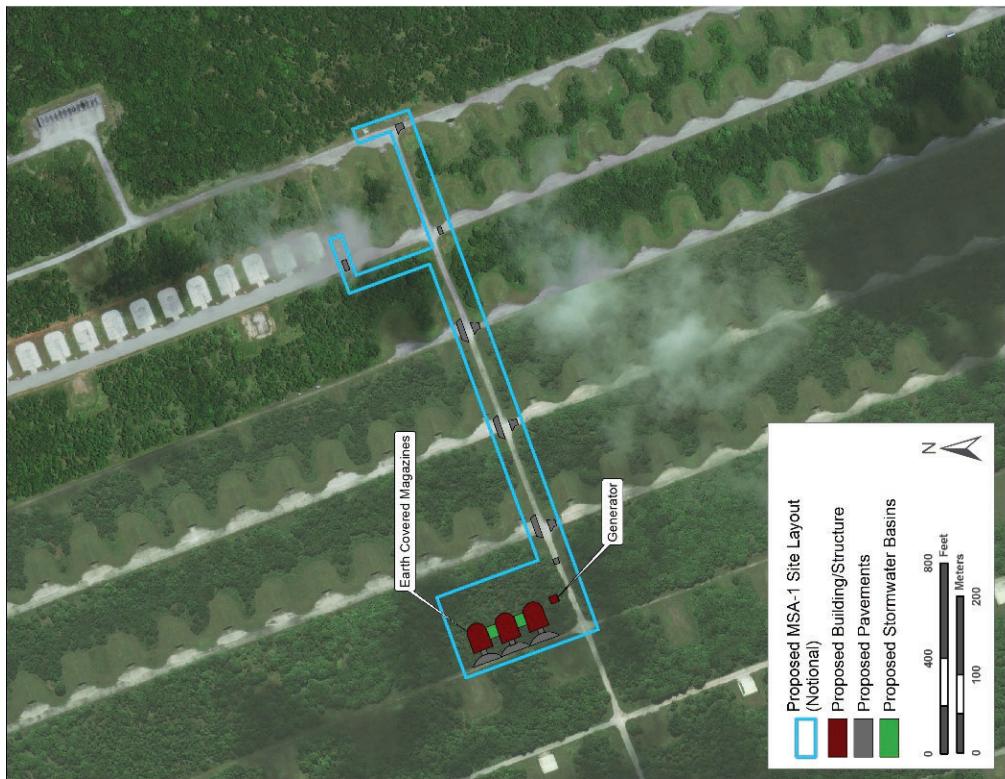


PROPOSED ACTION: MSA-1 INFRASTRUCTURE

Approximately 1.2 acres of paved surfaces; 0.1 acre of stormwater management infrastructure; and 10.7 acres that would be cleared, revegetated, and maintained once construction is complete.

MSA-1 Upgrades:

- Three earth covered magazines
- Pavements along utilities corridors
- Utilities
- Generator
- Stormwater basins



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

ALTERNATIVES SELECTION CRITERIA

The USAF considered locations on Andersen AFB for construction of the proposed infrastructure upgrades. Selection standards for viable construction locations included the location must:

- Provide collocation/consolidation of resources and mission capabilities;
- Minimize the potential for environmental impacts;
- Avoid interference with future planned development;
- Provide efficient tie-ins to existing utilities; and
- Be easily accessible (due to topography and relative location to the existing infrastructure).



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

ALTERNATIVES CONSIDERATION

Airfield Infrastructure:

- The proposed airfield infrastructure on Guam would require approximately 150 to 200 acres
- Based on this size, planners developed a footprint in a Geographic Information System program and sought to identify a location on base that met selection standards
- North Ramp project area under the Proposed Action is the only contiguous location adjacent to the airfield capable of meeting the construction footprint selection standards

Munitions Storage Infrastructure:

- USAF determined that the munitions infrastructure must be located within the MSA for operational efficiencies
- Collocating additional munitions storage within the MSA reduces environmental and mission impacts

No Action Alternative:

- NEPA requires the alternatives analysis in the EIS to include a "No Action Alternative."
- The No Action Alternative will be analyzed in the EIS, in addition to the Proposed Action.



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

TOPICS TO BE ANALYZED IN THE EIS

Biological Resources

- Threatened and endangered species
- Wildlife and vegetation
- Wetlands and floodplains

Cultural Resources

- Archaeological resources
(prehistoric and historic)
- Historic architectural resources
- Traditional resources

Social Resources

- Socioeconomics
 - Land Use
 - Health and Safety
-
- ## Other Considerations
- Airfield management and aircraft safety
 - Air Quality
 - Geology and Soils
 - Noise
 - Infrastructure and utilities
 - Transportation
 - Hazardous materials and waste

Water Resources

- Water quality (surface water and stormwater)
- Groundwater aquifers



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

SUMMARY OF ANTECIPATED IMPACTS

- The USAF will conduct cultural and biological resources surveys in the areas proposed for upgrades and consult with the State Historic Preservation Office and U.S. Fish and Wildlife Service to determine the potential for significant impacts on those resources.
- Consultation will be incorporated into preparation of the Draft EIS and include, but is not limited to, consultation under Section 7 of the Endangered Species Act and consultation under Section 106 of the National Historic Preservation Act
- The USAF anticipates an increased demand on the construction workforce and an increase in local spending.
- Currently, no other short- or long-term notable impacts are anticipated.
- More information on potential impacts will be available in forthcoming analysis in the Draft EIS, which is which is expected to be completed in late 2021 or early 2022.



ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM



COMMENT SUBMISSION

Comments, suggestions, and relevant information are welcomed on the USAF Andersen AFB Infrastructure Upgrades proposal. Please submit comments in English using one of the following methods:

- Postal Mail: 36th Civil Engineer Squadron, ATTN: CEV (AAFBN Infrastructure EIS), Unit 14007, APO, AP 96543-4007
- Email: AAFBInfrastructure.EIS@us.af.mil
- Project Website: www.AAFBInfrastructureEIS.com

The USAF also welcomes comments under Section 106 of the National Historic Preservation Act (36 Code of Federal Regulations Part 800)

To ensure the U.S. Air Force has sufficient time to consider public input, please submit all comments by May 30, 2021.

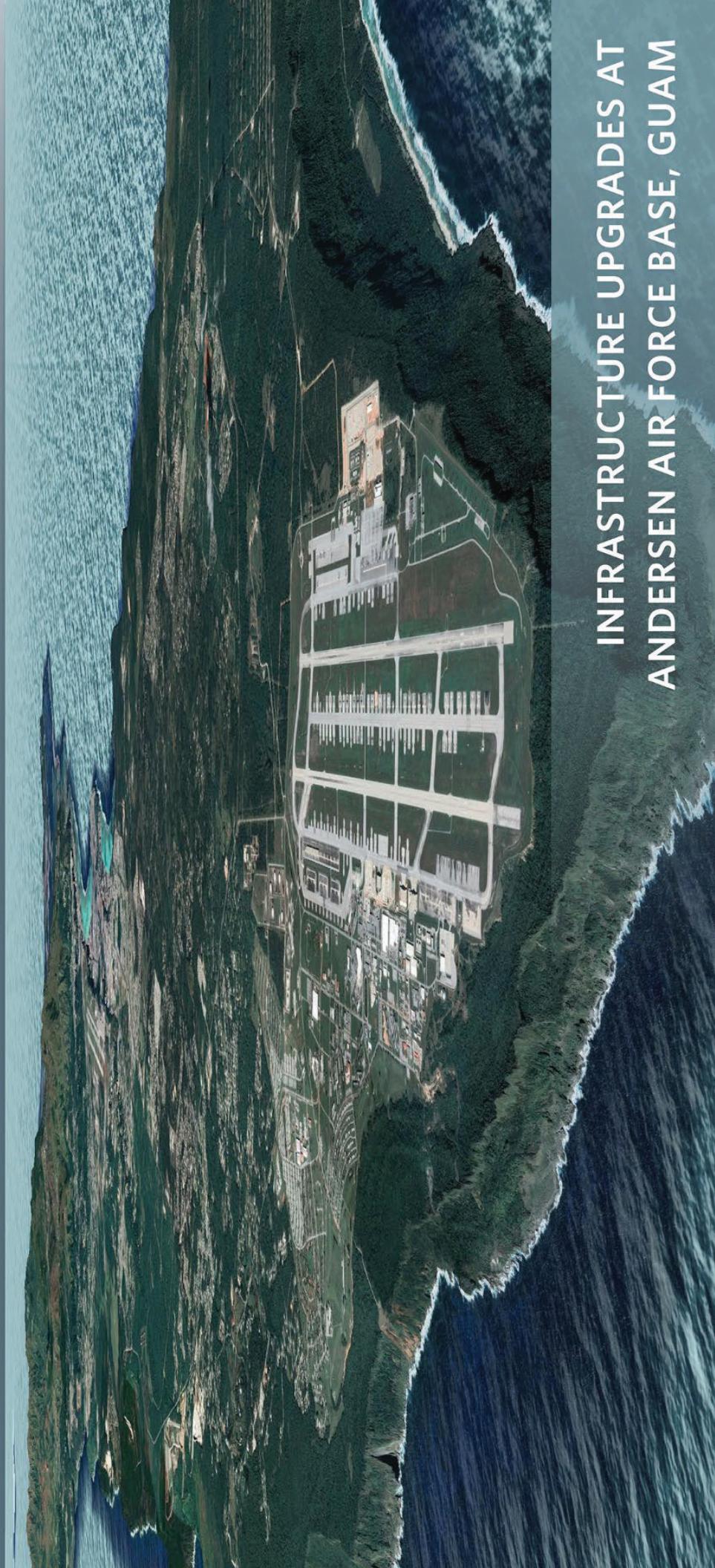


ENVIRONMENTAL IMPACT STATEMENT

INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM

Thank you for your participation!

ENVIRONMENTAL IMPACT STATEMENT



INFRASTRUCTURE UPGRADES AT
ANDERSEN AIR FORCE BASE, GUAM

Newspaper Advertisement Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
for INFRASTRUCTURE UPGRADES
at ANDERSEN AIR FORCE BASE, GUAM**



NOTICE OF INTENT AND NOTICE OF PUBLIC SCOPING UNITED STATES AIR FORCE



The U.S. Air Force invites you to participate in public scoping for the proposed Environmental Impact Statement for Infrastructure Upgrades at Andersen Air Force Base, Guam.

The U.S. Air Force (Air Force) is conducting public scoping for the proposal to construct infrastructure upgrades at Andersen Air Force Base (AFB), Guam, and to use this infrastructure consistent with existing installation operations once construction is completed. The purpose of this Proposed Action is to enhance Andersen AFB's capability to support permanent and rotational forces within the Indo-Pacific and strengthen the U.S.'s ability to respond regionally and worldwide, in alignment with evolving Air Force and Department of Defense initiatives for the region. This Proposed Action is needed to meet national security objectives and improve Andersen AFB's ability to support the mission requirements for permanent and rotational aircraft in the face of evolving global security challenges.

Under this proposal, the Air Force is considering new infrastructure upgrades adjacent to the northwest corner of the airfield and within the munitions storage area at Andersen AFB. Construction of upgrades would take place over approximately 7 years and would include airfield pavements, an aircraft hangar, maintenance and utilities buildings, fuel systems, fencing and utilities, roadways and parking, stormwater management infrastructure, and earth-covered magazines. Approximately 204 total acres would be disturbed during construction, which would either be developed sites or maintained vegetation once construction is complete. The Air Force considered other locations on Andersen AFB for construction of infrastructure upgrades; however, only the Proposed Action locations were determined to meet the criteria for the infrastructure upgrades.

ENVIRONMENTAL IMPACT STATEMENT (EIS). Pursuant to the National Environmental Policy Act, the Air Force will prepare an EIS, which will assess the potential environmental consequences of the proposed infrastructure upgrades at Andersen AFB, Guam. The Air Force is the lead agency for the EIS, and the U.S. Navy is a cooperating agency. The Air Force will conduct cultural and natural resources surveys in the areas proposed for upgrades, and consult with appropriate resource agencies to determine the potential for significant impacts on those resources. Consultation will be incorporated into preparation of the Draft EIS and will include, but not be limited to, consultation under Section 7 of the Endangered Species Act and consultation under Section 106 of the National Historic Preservation Act. During construction, the Air Force anticipates an increased demand on the construction workforce and an increase in local spending. Currently, no other short- or long-term notable impacts are anticipated. Additional analysis will be provided in the Draft EIS, which is anticipated in late 2021 or early 2022. The Final EIS and a decision on the Proposed Action are expected in mid to late 2022.

PUBLIC SCOPING. The Air Force encourages interested local, territorial, and federal elected officials and agencies, as well as interested members of the public and others, to participate in public scoping for the proposal and assist the Air Force in identifying issues to evaluate in the EIS. Due to public health concerns related to COVID-19, the Air Force will not hold in-person public scoping meetings. Public scoping is being accomplished remotely, in accordance with the 2020 version of 40 Code of Federal Regulations Part 1506.6, via the project website at www.AAFBInfrastructureEIS.com. The website provides posters, a presentation, an informational brochure in English and Chamorro, other meeting materials, and a capability for the public to provide public scoping comments. Scoping materials are also available in print at the Nieves M. Flores Memorial Library (254 Martyr Street, Hagåtña, Guam). Requests for printed scoping materials may also be made to the addresses below. For printed material requests, the standard U.S. Postal Service shipping timeline will apply. Please consider the environment before requesting printed material.

PUBLIC COMMENT. The Air Force welcomes comments, suggestions, and relevant information on the proposal, to include potential alternatives and the forthcoming analyses. Please submit comments in English by visiting www.AAFBInfrastructureEIS.com, sending an email to AAFBInfrastructure.EIS@us.af.mil, or sending via postal mail to 36th Civil Engineer Squadron, ATTN: CEV (AAFB Infrastructure EIS), Unit 14007, APO, AP 96543-4007. The Air Force also welcomes comments under Section 106 of the National Historic Preservation Act (36 Code of Federal Regulations Part 800) regarding the identification of or effects on historic properties, or regarding requests to become a consulting party in the Section 106 process.

To ensure the Air Force has sufficient time to consider public input in the Draft EIS and the Section 106 process, please submit comments by May 30, 2021.

www.AAFBInfrastructureEIS.com

Comment Form

Public Scoping Materials



**ENVIRONMENTAL IMPACT STATEMENT
for INFRASTRUCTURE UPGRADES
at ANDERSEN AIR FORCE BASE, GUAM**



COMMENT FORM

ENVIRONMENTAL IMPACT STATEMENT FOR INFRASTRUCTURE UPGRADES AT ANDERSEN AIR FORCE BASE, GUAM PUBLIC SCOPING PERIOD

Comment Date: _____

Comments, suggestions, and relevant information are welcomed on the U.S. Air Force (USAF) proposal for **Infrastructure Upgrades at Andersen Air Force Base (AFB), Guam**. The USAF also welcomes comments under Section 106 of the National Historic Preservation Act (36 Code of Federal Regulations [CFR] Part 800) regarding the identification of or effects on historic properties. Please provide comments in English and send via email to AAFBInfrastructure.EIS@us.af.mil or mail to the address provided on the back of this form. Use additional sheets as necessary. You may also submit comments, or a request to become a consulting party under the Section 106 process, on the public website at www.AAFBInfrastructureEIS.com. To ensure the USAF has sufficient time to consider public input, please submit comments by May 30, 2021.

Please provide your comments in English below:

Name:	Organization:	
Address:		
City:	State:	Zip:
Email:		

Check (<input type="checkbox"/>) to be added to the mailing list for notifications about this project:	
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Privacy Notice: This request for public scoping comments is in accordance with the National Environmental Policy Act (NEPA), the 2020 version of the President's Council on Environmental Quality NEPA Regulations (85 Federal Register 43304–43376), and 32 CFR 989, Environmental Impact Analysis Process. The Environmental Impact Analysis Process provides an opportunity for public input on USAF decision making, allows the public to offer inputs on alternative ways for the USAF to accomplish what it is proposing, and solicits comments on USAF's analysis of environmental effects. Public commenting allows the USAF to make better-informed decisions. Letters or other written comments provided may be published in the Draft or Final Environmental Impact Statement (EIS). Providing personal information is voluntary. Any personal information provided will be used only to identify your desire to make a statement during the public scoping period or to fulfill requests for copies of the EIS or associated documents. Private addresses will be compiled to develop a mailing list for those requesting copies of the EIS. However, only the names of the individuals making comments and specific comments will be disclosed. Personal information, home addresses, telephone numbers, and email addresses will not be published in the EIS.



Please fold, fasten, and mail. No envelope necessary.

Place
Stamp
Here

36th Civil Engineer Squadron

ATTN: CEV (AAFB Infrastructure EIS)

Unit 14007

APO AP 96543-4007
